



Obsolete List for HMH 2022

Equipment and System Solutions (ESS)

Spare Parts Supply

Revision 02 | October, 2022

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0010001	SPACER	BA5010733	SPACER
BA0010036	CONTROL BLOCK,TYPE MOBILE-	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0010055	CONNECTOR, TEE	BA0070029	CONNECTOR, TEE
BA0010098	SWIVEL NUT ELBOW	BA0032586	CONNECTOR, SWIVEL WITH O-RING ELBOW
BA0010107	CONNECTOR, TEE	BA0028561	CONNECTOR, TEE
BA0010128	CONNECTOR, NUT	BA0055178	CONNECTOR, NUT
BA0010163	CONNECTOR, SWIVEL WITH O-RING ELBOW	BA0010638	CONNECTOR, SWIVEL WITH O-RING ELBOW
BA0010169	CONNECTOR, NUT	BA0032850	CONNECTOR, NUT
BA0010170	CONNECTOR, SLEEVE	BA0036299	CONNECTOR, SLEEVE
BA0010171	CONNECTOR, NUT	BA0035657	CONNECTOR, NUT
BA0010172	CONNECTOR, SLEEVE	BA0036300	CONNECTOR, SLEEVE
BA0010174	DIRECTIONAL VALVE	BA0078169	DIRECTIONAL SPOOL VALVE
BA0010295	SUB PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0010323	SOCKET CAP SCREW	BA0040043	SOCKET CAP SCREW
BA0010335	SIGN HY.SPINNER ARM ,PL 08X160X275	BA5173301	SIGN PLATE, DETAIL 255X200 MM
BA0010344	SPACER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0010346	LOAD CONTROL VALVE WO/ SAFETY VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0010349	LOAD CONTROL VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0010373	CARTRIDGE OVERCENTER VALVE	BA0053238	SINGLE ACTING OVERCENTRE VALVE
BA0010384	OVERCENTER VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0010508	BUSHING FOR CYLINDER	BA0036308	SLEEVE FOR PNEUMATIC CYLINDER
BA0010555-01	HYDRAULIC MOTOR W/SPLINE AXLE	BA0010555	HYDRAULIC MOTOR W/SPLINE AXLE
BA0010598	FERRULE	BA0021888	FERRULE
BA0010635	CONNECTOR, STRAIGHT	BA0049285	CONNECTOR, STRAIGHT
BA0010644	CONNECTOR, SWIVEL WITH O-RING ELBOW	BA0010638	CONNECTOR, SWIVEL WITH O-RING ELBOW
BA0010655	CONNECTOR, STRAIGHT	BA0032945	CONNECTOR, STRAIGHT
BA0010690	CONNECTOR, STUD STRAIGHT	BA0010689	CONNECTOR, STUD STRAIGHT
BA0010727	TUBE END RED. ADAPTER	BA0033459	CONNECTOR, REDUCER STRAIGHT
BA0010730	CONNECTOR, STRAIGHT	BA0033481	CONNECTOR, STRAIGHT
BA0010785	CONNECTOR, STRAIGHT	BA0010782	CONNECTOR, STRAIGHT
BA0010813	REDUCER ADAPTER	BA0015141	CONNECTOR, REDUCER STRAIGHT
BA0010819	SLEEVE ADAPTER	BA0047135	PLUMMER BLOCK SLEEVE
BA0010822	CONNECTOR, REDUCER STRAIGHT	BA0123162	CONNECTOR, REDUCER STRAIGHT
BA0010849	FTX-S16-1/2,MALE ADAPTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0010877	CONNECTOR, ADAPTER	BA0150828	CONNECTOR, ADAPTER
BA0010882	STUD TRACK ROLLER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0010883	STUD TRACK ROLLER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0010891	BEARING	BA0064863	BEARING
BA0010911	BEARING	BA0037668	BEARING
BA0010976	FILTER AGGREGATE,COMPL.	BA0077803	FILTER UNIT
BA0010991	VALVE, FOOT OPERATED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0010993	BALL VALVE 1/4" W/VALVEATION	BA0110981	BALL VALVE WITH VENT HOLE
BA0010997	VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011001	VALVE MANUEL OPERATED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011002	DIRECTIONAL VALVE MAN.OPER.	BA0095760	HAND-LEVER VALVE 1/4" 5/3 CDE MAN.
BA0011016	VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011017	PUSH BUTTON VALVE	BA0078945	VALVE PUSH BUTTON
BA0011025	VALVE,NON RETURN	BA0065201	VALVE,NON RETURN
BA0011042	SOCKET CAP SCREW	BA0012927	SOCKET CAP SCREW
BA0011096	BALL VALVE, FULL BORE	BA0085631	BRASS BALL VALVE
BA0011097	BALL VALVE FULL BORE	BA0094842	BALL VALVE FULL BORE

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0011107	BALL VALVE WITH LOCKING DEVICE, SS	BA0019585	BALL VALVE WITH LOCKING DEVICE, SS
BA0011112	BALL VALVE, SS	BA0020009	BALL VALVE WITH LOCKING DEVICE SS
BA0011127	BALL VALVE (3/8") 3-WAY	BA0019497	BALL VALVE 3-WAY W/L BORE & HANDLE 150MM
BA0011128	GATE VALVE - BRASS	BA0020028	BALL VALVE WITH LOCKING DEVICE, SS
BA0011137	SPACER FOR TORQUE WRENCH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011143	BALL VALVE, 1 1/4" ARGUS 315 BAR	BA0025407	BALL VALVE
BA0011144	SPRING SUPPORT RING	BA1883014	THRUST NUT DETAIL
BA0011155	DUST CAP FOR QUICK COUPLING	BA0024368	QUICK COUPLING PROTECTOR, CAP
BA0011156	DUST PLUG FOR QUICK COUPLING	BA0024373	QUICK-ACTION COUPLING, PLUG
BA0011158	DUST PLUG FOR QUICK COUPLING	BA0024372	QUICK-ACTION COUPLING, PLUG
BA0011160	QUICK COUPLING FM	BA0024362	QUICK-ACTION COUPLING, FEMALE
BA0011163	DUST PLUG FOR QUICK COUPLING	BA0024371	QUICK-ACTION COUPLING, PLUG
BA0011164	QUICK COUPLING FM	BA0024361	QUICK-ACTION COUPLING, FEMALE
BA0011223	FILTER ELEMENT BRANDED	BA0119988	FILTER ELEMENT BRANDED STAT-FREE
BA0011227	FILTER ELEMENT BRANDED	BA0119990	FILTER ELEMENT BRANDED STAT-FREE
BA0011228	HIGH PRESSURE FILTER (HC 9600 FKN 16H)	BA0086444	PRESSURE FILTER ASSEMBLY STAT-FREE
BA0011229	HIGH PRESSURE FILTER (HC 9600 FKN 16H)	BA0037549	HIGH PRESSURE FILTER W/VISUAL INDICATOR
BA0011231	HIGH PRESSURE FILTER (HC 9800 FKT 04H)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011235	SLEEVE BUSHING	BA0011224	FLANGED BUSHING
BA0011238	BREATHER FILTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011247	FILTER ELEMENT, HYDRAULIC	BA0011249	FILTER ELEMENT HYDRAULIC
BA0011275	WIPER ARM PANTOGRAF	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011296	VALVE W/ LEVER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011297	VALVE W/ LEVER	BA0068612	VALVE W/ LEVER
BA0011298	VALVE W/ LEVER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011299	VALVE W/ LEVER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011302	VALVE W/ GREEN PUSHBUTTON	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011304	PUSH BUTTON GREEN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011334	CHECK VALVE, PILOT OPERATED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011360	CONTROL BLOCK, TYPE MOBILE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011361	PILOT CONTROL VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011362	PILOT CONTROL VALVE	BA0089705	PILOT CONTROL VALVE
BA0011363	PILOT CONTROL VALVE	BA0093041	PILOT CONTROL VALVE
BA0011364	PILOT VALVE	BA0091832	PILOT VALVE
BA0011469	PROP. PRESS. REDUCE VALVE W/MOUNT. PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011504	SPRING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011505	SPRING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011506	SPRING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011507	SPRING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011508	SPRING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011509	COVERPLATE W/ BOLTS AND O-RING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011523	SEAL FOR ELEMENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011524	SEAL FOR ELEMENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011525	SEAL FOR ELEMENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011527	SEAL FOR PISTON/ELEMENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011532	SPRING /W COVER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011655	BEARING IN PAIR	BA0083909	BEARING IN PAIR
BA0011663	SWING GEAR	BA0056508	SLEW GEARBOX
BA0011664	SWING GEAR, DRWG. 690 4 0798 2	BA0054091	DRIVE GEARBOX
BA0011689	HYDRAULIC CYLINDER DRWG 521-23	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011764	FILTER ELEMENT BRANDED	BA0114118	FILTER ELEMENT

HMH ESS Obsolete Material Numbers

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BA0011769	SAFETY LINCH PIN, COLD GALV.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011825	FILTER ELEMENT	BA0120012	FILTER ELEMENT BRANDED STAT-FREE
BA0011828	COVER FOR SM25	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011846	PISTON ACCUMULATOR W/BURST DISC.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011847	PISTON ACCUMULATOR W/BURST DISC.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011853	MOUNTING BRACKET FOR 210-200 ACCUM.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011855	SAFETY BLOCK	BA0074417	SAFETY VALVE, 360 BAR CARBON STEEL, CE M
BA0011864	PLUNGER NO. 9 OLD TYPE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011870	SUB PLATE FOR DRE-DBE-2FRM6	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011889	PNEUMATIC CYLINDER,STANDARD STEEL	BA0017445	PNEUMATIC CYLINDER IN MATERIAL ALUMINIUM
BA0011959	SENSOR W/10 MTR. CABLE	BA0051452	INDUCTIVE PROXIMITY SWITCH
BA0011964	PULSE ENCODER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011965	PRESSURE SWITCH	BA0079269	PRESSURE SWITCH W/ADAPTER PLATE
BA0011979	CHARGING EQUIPMENT	BA0077231	UNIVERSAL CHARGING SET
BA0011981	MOUNT. KIT FOR PISTON ACCUMULATOR 210-80	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011982	MOUNT. KIT FOR PISTON ACCUMULATOR 210-14	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011984	SEAL KIT FOR ACCUMULATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011988	SEAL KIT FOR ACCUMULATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011989	SEAL KIT FOR ACCUMULATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011991	FUSE PLUG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0011998	QUICK COUPLING MALE	BA0024358	QUICK-ACTION COUPLING, MALE
BA0011999	QUICK COUPLING FM	BA0024363	QUICK-ACTION COUPLING, FEMALE
BA0012101	COMPRESSION SPRING,SST	BA0074616	COMPRESSION SPRING SST
BA0012106	WIRE CLAMP FOR DEADLINE ANCHOR	BA5009504	SET OF WIRE CLAMP INSERT DEADL.ANCHOR
BA0012112	GUIDE FUNNEL COMPL. Ø180/450-225	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0012116	CAST WIRESHEAVE FOR RISER TENSIONER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0012117	WIRESHEAVE FOR GUIDELINE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0012151	VALVE	BA0060070	VALVE AIR OPERATED
BA0012155	VALVE WITHOUT PUSH BUTTON	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0012191	BALL VALVE,DIR UP TO 315 BAR UNI	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0012297	HEX HD SCR.W/WASHER & NUT,FRICTION GRIP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0012307	VALVE ALU.BODY 25 GAL/MIN 1000 PSI	BA0020030	BALANCE VALVE
BA0012386	BALL VALVE RED.BORE	BA0085631	BRASS BALL VALVE
BA0012387	BALL VALVE RED.BORE	BA0011094	BALL VALVE, FULL BORE
BA0012399	CONNECTOR, TEE	BA0070043	CONNECTOR, TEE
BA0012465	VALVE W/BLACK PUSHBUTTON	BA0037509	VALVE W/BUTTON MANUALLY ACTIVATED
BA0012490	SIGN POWER TOOLS, PL 1,5X35X70	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0012527	FILTER W / AUTO DRAIN,1/2" NPT"	BA0020163	FILTER
BA0012591	SEAL KIT FOR HYDR. CYLINDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0012597	DISTANCE RING	BA1883015	THRUST RING DETAIL
BA0012609	SPRING PIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0012642	BLOCK	BA0019426	DDM VALVE BLOCK FOR TRQ WR.CHAIN HOIST
BA0012654	END CAP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0012655	GUIDE FUNNEL RUBBER Ø180/450-21	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0012679	DISPLAY (GREENHEIMER)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0012680	DISPLAY (KNICK)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0012730	TEFLON WASHER FOR CABLE GLAND	BA0109741	TEFLON WASHER FOR CABLE GLAND E 205
BA0012731	TEFLON WASHER FOR CABLE GLAND	BA0103388	TEFLON WASHER FOR CABLE GLAND E 205
BA0012732	TEFLON WASHER FOR CABLE GLAND	BA0103384	TEFLON WASHER FOR CABLE GLAND E 205
BA0012733	TEFLON WASHER FOR CABLE GLAND	BA0103387	TEFLON WASHER FOR CABLE GLAND E 205
BA0012801	LATCH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0012877	TENSION SPRING, +9/+60X230	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0013015	HEX HEAD SCREW HOT DIP GALV.	BA0038162	HEX HEAD BOLT
BA0013046	O-RING	BA0056901	O-RING
BA0013112	SOCKET CAP SCREW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0013154	PIPE 1/4" NPT BOTH ENDS X100 AISI 316	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0013193	SOCKET CAP SCREW	BA0040086	SOCKET CAP SCREW
BA0013219	WASHER ELZ	BA0064352	NORDLOCK WASHER
BA0013226	SAFETY LINCH PIN, COLD GALV.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0013237	GATE VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0013280	SOCKET CAP SCREW	BA0039891	SOCKET CAP SCREW
BA0013285	SOCKET CAP SCREW	BA0039969	SOCKET CAP SCREW
BA0013306	SLEEVE AND CRANK ASSEMBLY, IBOP MECANISM, 10.000PSI	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0013309	SAVER SUB PIN 6-5/8" REG - PIN NC50	BA0013309-01	SAVER SUB PIN 6-5/8" REG - PIN NC50
BA0013332	ELBOW CONNECTOR, LOW, G1/4"	BA0032185	ANGLE CONNECTOR
BA0013365	HEX NUT	BA0069897	HEX NUT
BA0013394	FRICTION SHOE ASSY	BA0027831	REPAIR KIT FOR AIRFLEX BRAKE
BA0013408	INTERMEDIATE SUB PIN 7-5/8 REG RH – BOX 6-5/8 REG RH, L=345	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0013408-01	INTERMEDIATE SUB PIN 7-5/8 REG RH – BOX 6-5/8 REG RH, L=345	BA1209059-01	INTERMEDIATE SUB A 8.1/2"X4.13/32"-7.5, SA14-0011
BA0013409	KELLY VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0013409-00	KELLY VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0013409-02	KELLY VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0013625	WELD PLATE	BA0013625	WELD PLATE
BA0013626	WELD PLATE	BA0013627	WELD PLATE
BA0013627	WELD PLATE	BA0013627	WELD PLATE
BA0013628	WELD PLATE	BA0013628	WELD PLATE
BA0013629	WELD PLATE	BA0013629	WELD PLATE
BA0013635	WELD PLATE	BA0057096	WELD PLATE
BA0013637	CLAMP	BA0057092	CLAMP
BA0013639	WELD PLATE	BA0013629	WELD PLATE
BA0013719	SPLITFLANGE	BA0051574	FLANGE, SPLIT CLAMP PAIR
BA0013826	HYDRAULIC MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0013849	MEGATRON MOTOR POTENSION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0013859	STRAP W/EYE ONE END FOR BOLT +30.	BA0048771	STRAP, IN TWO PARTS,
BA0013860	STRAP WITH EYE FOR BOLT +30.	BA0048771	STRAP, IN TWO PARTS,
BA0013991	SPHERICAL BEARING	BA0036800	SPHERICAL ROLLER BEARING
BA0014227-01	RETAINER PLATE, DETAIL, RAL 1023	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0014242	PRESSURE SWITCH 0.28-2.5 BAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0014264	REPAIR KIT FOR KELLY VALVE (11-0261-006)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0014276	SEAL KIT BRAKE FOR SWINGGEAR	BA0012203	SEAL KIT FOR SWINGGEAR
BA0014306-01	RETAINER PLATE, DETAIL, RAL 1023	BA0014306	RETAINER PLATE, DETAIL
BA0014417	PRESSURE RELIEF VALVE, PLATE MOUNTED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0014577	ADAPTER, R EXT/UNF EXT	BA0033476	CONNECTOR, STUD STRAIGHT
BA0014703	LOW PRESSURE FILTER (HC 9600 FKN 08H)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0014704	PISTON ACCUMULATOR W/BURST DISC.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0014709	FILTER CASING FOR OILSEPERATOR	BA0071933	FILTER CASING FOR OILSEPERATOR
BA0014718	MUFF, BSP	BA0012434	CONNECTOR, ADAPTER
BA0014722	HYDR.DUAL HOIST BARREL LIMIT SWITCH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0014791	NUT BLACK	BA0041947	HEX NUT FINE THREAD
BA0014966	SOCKET CAP SCREW	BA0040054	SOCKET CAP SCREW
BA0014995	SOCKET CAP SCREW	BA0039990	SOCKET CAP SCREW
BA0015017	REDUCER ADAPTER	BA0070321	CONNECTOR, REDUCER STRAIGHT

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0015023	REDUCER ADAPTER	BA0070302	CONNECTOR, REDUCER STRAIGHT
BA0015024	REDUCER ADAPTER	BA0070292	CONNECTOR, REDUCER STRAIGHT
BA0015049	LEVEL INDICATOR	BA0018911	LEVEL INDICATOR 5" 127MM
BA0015122	FERRULE	BA0098615	FERRULE
BA0015143	PRESSURE SLEEVE	BA0058761	FERRULE
BA0015145	PRESSURE SLEEVE	BA0058761	FERRULE
BA0015146	FERRULE	BA0020207	FERRULE
BA0015405	CHECK VALVE,DOUBLE,PILOT OPERATED 1/2"	BA0019763	CHECK VALVE 3/8"R SINGLE PILOT OPERATED
BA0015428	CONNECTOR, TEE	BA0070036	CONNECTOR, TEE
BA0015432	CONNECTOR, SWIVEL ELBOW	BA0151149	CONNECTOR, SWIVEL ELBOW
BA0015436	CONNECTOR, SWIVEL ELBOW	BA0151147	CONNECTOR, SWIVEL ELBOW
BA0015442	CONNECTOR, ELBOW	BA0070052	CONNECTOR, ELBOW
BA0015448	CONNECTOR, TEE	BA0070044	CONNECTOR, TEE
BA0015452	CONNECTOR, TEE	BA0070030	CONNECTOR, TEE
BA0015454	CONNECTOR, ELBOW	BA0070063	CONNECTOR, ELBOW
BA0015544	CONNECTOR, NUT	BA0070287	CONNECTOR, NUT
BA0015545	CONNECTOR, NUT	BA0070286	CONNECTOR, NUT
BA0015546	CONNECTOR, NUT	BA0070285	CONNECTOR, NUT
BA0015548	CONNECTOR, NUT	BA0070282	CONNECTOR, NUT
BA0015549	CONNECTOR, NUT	BA0070272	CONNECTOR, NUT
BA0015550	CONNECTOR, NUT	BA0070281	CONNECTOR, NUT
BA0015551	CONNECTOR, NUT	BA0070271	CONNECTOR, NUT
BA0015552	CONNECTOR, NUT	BA0070280	CONNECTOR, NUT
BA0015603	CONNECTOR, ELBOW	BA0070053	CONNECTOR, ELBOW
BA0015623	CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0015706	SAFETY VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0015710	SUB PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0015713	SEP. RELIEF VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0015714	SEP. RELIEF VALVE W/X-PORT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0015716	SEP. RELIEF VALVE W/X-PORT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0015904	STUD TRACK ROLLER	BA0069936	STUD TYPE TRACK ROLLER ASSEMBLY
BA0016028	SOLENOID UNIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0016032	NYLOCK NUT EL.FZ.	BA0041012	NYLOCK NUT
BA0016071-01	RETAINER PLATE, DETAIL, RAL 1023	BA0016071	RETAINER PLATE, DETAIL
BA0016076-01	RETAINER PLATE, DETAIL, RAL 1023	BA0016076	RETAINER PLATE, DETAIL
BA0016118	VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0016167	HEX HEAD SCREW	BA0038268	HEX HEAD BOLT
BA0016169	SOCKET CAP SCREW	BA0040147	SOCKET CAP SCREW
BA0016180	SOCKET CAP SCREW	BA0040290	SOCKET CAP SCREW
BA0016182	HEX HEAD SCREW	BA0038425	HEX HEAD BOLT
BA0016184	HEX HEAD SCREW	BA0038453	HEX HEAD BOLT
BA0016187	HEX HEAD SCREW	BA0038835	HEX HEAD SCREW
BA0016254	SOCKET CAP SCREW	BA0040060	SOCKET CAP SCREW
BA0016284	NYLOCK NUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0016431-01	AIRFLEX BRAKE COMPLETE, RAL 1023	BA0016431	AIRFLEX BRAKE COMPLETE
BA0016433	GAS VALVE FOR ACCUMULATOR DIA 50/80/100	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0016536	BOLT	BA1209246	PIPE HANDLER BOLT, DETAIL
BA0016681	PRESSURE TRANSMITTER,PHILIPS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0016767	BALL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0016883	ADAPTER R EXT/UNF EXT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0016887	NIPPLE R EXT. R INT.	BA0060627	CONNECTOR, REDUCER STRAIGHT

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0017185	PRESSURE SWITCH.EXD W/4 M CABLE	BA0051450	PRESSURE SWITCH.EXD W/4 M CABLE
BA0017290	SET SCREW	BA0039419	SET SCREW
BA0017309	WELD PLATE	BA0013627	WELD PLATE
BA0017310	WELD PLATE	BA0013625	WELD PLATE
BA0017314	WELD PLATE	BA0057093	WELD PLATE
BA0017319	WELD PLATE	BA0013628	WELD PLATE
BA0017320	WELD PLATE	BA0013627	WELD PLATE
BA0017323	CLAMP	BA0017323	CLAMP
BA0017362	BLANKING END	BA0022622	CONNECTOR, BLANKING END
BA0017365	ELBOW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0017368	FILTER ELEMENT BRANDED	BA0119984	FILTER ELEMENT BRANDED STAT-FREE
BA0017372	VALVE,PNEUM. FOOT OP. W0/BOTTOM PLATE	BA0058745	VALVE PNEUM. FOOT OP. W/BOTTOM PLATE
BA0017431	GUIDE FUNNEL SPACER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0017432	CYLINDER AXLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0017433	UPPER TORQUE WRENCH AXLE +45X233	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0017687	EL. MOTOR 1760 R/MIN 140KG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0017731	DIAFRAME BLADDER ACCUMULATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0017734-01	RETAINER PLATE, DETAIL, RAL 1023	BA0017734	RETAINER PLATE, DETAIL
BA0017793	SAI MOTOR W/BRAKE (NO VALUE)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0017795	SAI MOTOR W/SPECIAL BRAKE (NO VALUE)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0017796	HULSTER BIG, FOR SAI-MOTOR (NO VALUE)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0017797	HULSTER SMALL, FOR SAI-MOTOR (NO VALUE)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0017798	ADAPTER FOR SAI-MOTOR (NO VALUE)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0017869	HYDRAULIC CYLINDER SPECIAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0017890	AIR HOSE FOR TOP MOUNT COMP	BA1845058	AIR HOSE, DSC, YD50
BA0017912	QUICK COUPLING,FEMALE BRASS (STERLING)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0017916	CONICAL EXT.BSP SW.OP.LENGTH=6M.TOT.L=12	BA0079668	THERMOPLASTIC HOSE, SPIRAL
BA0017972	SAFETY LINCH PIN, COLD GALV. 882 04 500	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0017980	HYDRAULIC MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0018071	RUBBER HOSE	BA0059313	RUBBER HOSE
BA0018097	PLUG W/ED SEAL IN VITON, BLANKING END	BA0017363	CONNECTOR, BLANKING END
BA0018106	SOCKET CAP SCREW	BA0041953	SOCKET CAP SCREW
BA0018162	HYDRAULIC PISTON MOTOR W/MECH.SEAL.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0018201	PROP.DIR.CONTROL VALVE 4-WAY W.OUTP.PIL.V.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0018206	WIREROPE GUIDE FOR PIPEH.BRIDGE CRANE	BA0065686	WIRE GUIDE INSERT
BA0018224	WASHER EL.FZ.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0018370	SOLENOID VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0018430	TEFLON WASHER FOR CABLE GLAND	BA0106033	TEFLON WASHER FOR CABLE GLAND E 205
BA0018434	ADAPTOR	BA0106988	ADAPTOR
BA0018435	ADAPTOR	BA0109739	ADAPTOR
BA0018436	ADAPTOR TEF660	BA0106993	ADAPTOR
BA0018437	ADAPTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0018510	SAFETY LINCH PIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0018511	PACKING RING FOR SHEARHANGER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0018537	BALL VALVE RED.BORE	BA0026187	BALL VALVE FULL BORE
BA0018594	BUSHING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0018619	SAVER SUB, PIN 6-5/8" REG - PIN NC50 (L=320)	BA0018619-01	SAVER SUB PIN 6-5/8"REG - PIN NC50 (L=320)
BA0018660	SENSOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0018662	SEAL RING FOR HAMMERLUG UNION 4"	BA0069485	NITRILE O-RING FOR 4" FIG 1002 UNION
BA0018753	WASHER EL.FZ.	BA0020296	NORDLOCK WASHER
BA0018801	MECH. SHAFT SEAL KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0018846	HEX.COUNTER SUNK HEAD	BA0039678	COUNTERSUNK SCREW
BA0018881	FRAM ALLOY CHAIN, SHORT LINKED, GRADE 80	BA0072065	FRAM ALLOY CHAIN SHORT LINKED GRADE 80
BA0018896	GASKET	BA0090437	3MM NBR STRIP X 10MM WIDTH OIL RESISTANT SEAL BEARING GASKET
BA0018903	SEAL KIT FOR VALVE (295545/16)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0018970	EL.PROP.PRESS. RELIEF VALVE,SUBPL.MOUNT.	BA0019277	PRESS. RELIEF VALVE,SUBPLATE MOUNTED
BA0018983	GUIDE FUNNEL FRAME,COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0018984	CASTING FOR GUIDE FUNNEL FRAME	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0018986	HYDR. DIRECTIONAL VALVE,EL/HYDR.OPERATED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0019066	CHAIN SMPL.JT HOSE RL TRQ.WR.WINCH,1/2"	BA0054259	ROLLER CHAIN JOINT 1/2" SIMPLEX
BA0019141	CHAIR FOR ADC & DMC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0019160	NUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0019162	SENSOR W/10 MTR. CABLE (02846)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0019202	SAVER SUB PIN 6-5/8" REG - PIN 6-5/8 " FH	BA0019202-01	SAVER SUB PIN 6-5/8" REG - PIN 6-5/8 " FH
BA0019311	PIN FOR CRANK	BA0023163	PIN FOR CRANK
BA0019323	TURNBUCKLE GALV. (07.141032554)	BA0083709	TURNBUCKLE 401 M12 JAW/JAW W/NUT AND SAFETY PIN
BA0019340	PROP. PRESS.REL.VALVE F/REMOTE CONTROL	BA0047305	PROPORTIONAL PRESS.RELIEF VALVE, 24VDC
BA0019363	VALVE,4/3-WAY,EX SG5 W/2 MTR. CABLE	BA0064542	VALVE, 4/3-WAY
BA0019376	WASHER HARDENED	BA0031200	WASHER HARDENED
BA0019409	BEARING	BA0014012	ROLLER BEARING
BA0019419	SAVER SUB, PIN 6-5/8" REG - PIN NC38	BA0019419-01	SAVER SUB, PIN 6-5/8" REG - PIN NC38
BA0019421	SAVER SUB, PIN 6-5/8" REG - PIN 5-1/2" FH	BA0019421-01	SAVER SUB PIN 6-5/8" REG - PIN 5-1/2" FH
BA0019485	KELLY VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0019485-01	KELLY VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0019485-02	KELLY VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0019500	SPACER FOR GUIDE FUNNEL	BA5430766/67	GUIDE FUNNEL SPACER
BA0019509	SPRAY NOZZLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0019523	KELLY VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0019523-01	KELLY VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0019523-02	KELLY VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0019535	BRACKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0019536	HIGH PRESSURE FILTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0019544	ELECTRIC MOTOR	BA0077221	ELECTRIC MARINE MOTOR
BA0019545	ELECTRIC MOTOR	BA0048203	ELECTRIC MOTOR
BA0019550	ELECTRIC MARINE MOTOR	BA0048201	ELECTRIC MARINE MOTOR
BA0019584	BALL VALVE WITH LOCKING DEVICE SS	BA0011113	BALL VALVE WITH LOCKING DEVICE, SS
BA0019586	PISTON ACCUMULATOR W/BURST DISC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0019587	HIGH PRESSURE SWIVEL, 90 DEGREES, 315 BAR	BA0053943	ROTARY UNION, 90°, 310 BAR
BA0019588	HIGH PRESSURE SWIVEL, 90 DEGREES	BA0102311	ROTARY UNION 90° 280 BAR
BA0019615	BRACKET FOR DRAIN BLOCK	BA5033304	BRACKET FOR DRAIN BLOCK, DETAIL
BA0019620	DIRECTIONAL SOL.VALVE 24V DC EEXd-IIB-T5	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0019664	ELECTRIC ACTUATOR FOR PVG 32	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0019676	HYDRAULIC CYLINDER,CATHEAD LONG STROKE	BA0029421	HYDRAULIC CYLINDER DRWG 8035650
BA0019710	PISTON ACCUMULATOR, 20 LTR, 210AAH-VC-18	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0019723	OPERATING CRANK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0019733	HYDRAULIC TORQUE CYLINDER DRWG 584-57.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0019772	KELLY VALVE,MVR STOP MUD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0019773	PILOT VALVE 4/2-NG6-24V DC	BA0071463	DIRECTIONAL SPOOL VALVE
BA0019775	EARL FLOW SWITCH(EX)	BA0099059	FLOW SWITCH EARL TYPE 31D
BA0019816	GAUGE	BA0026628	PRESSURE GAUGE, TYPE IM
BA0019822	SOCKET CAP SCREW	BA0041950	SOCKET CAP SCREW
BA0019833	SOCKET CAP SCREW FULL THREAD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0019854	KELLY VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0019854-01	KELLY VALVE OD XX, ID XX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0019922	PIN FOR LINK TILT ARM	BA0025401	BOLT FOR LINK TILT ARM Ø60X158
BA0019929	CONNECTOR, PLUG	BA0150123	CONNECTOR, PLUG
BA0019933	FILTER COMPL.,(HC 9600 FKP 8H)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0019951	COUPLING RWN 450,	BA0106400	COUPLING RWN 450 (FOR DDM MOTOR)
BA0019983	COVER	BA0033976	COVER FOR HYDR.SWIVEL/DDM650 H
BA0020004	HYDRAULIC MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020013	CABLE EXANE	BA0170617	DRAKA CABLE
BA0020018	CABLE EXANE	BA0099883	INSTRUMENT CABLE
BA0020023	HANDLE ASSY FOR BRAKE VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020045	HOSE RUPTURE VALVE, P/N 315	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020062	ISOLATION VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020067	AIR/OIL COOLER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020069	KEYBOARD 10X5 MATRIX COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020086	STRAINER BODY	BA0020874	STRAINER BODY
BA0020191	VALVE W/SPRING RETURN, AISI 316	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020192	HANDY LINK	BA0011971	COUPLING LINK
BA0020194	PRESSURE TRANSMITTER	BA0050826	PRESSURE TRANSMITTER
BA0020195	PRESSURE TRANSMITTER EEX IA IIC T5	BA0050832	PRESSURE TRANSMITTER
BA0020198	TRAVEL SENSOR PINION	BA0052558	TRAVEL SENSOR PINION
BA0020204	CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020206	TEE CONNECTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020221	PRESSURE RED.VALVE,PLATE MOUNTED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020259	HEX HEAD SCREW	BA0038419	HEX HEAD BOLT
BA0020263	HEX HEAD SCREW	BA0038444	HEX HEAD BOLT
BA0020288	SOCKET CAP SCREW	BA0040357	SOCKET CAP SCREW
BA0020289	SOCKET CAP SCREW	BA0040359	SOCKET CAP SCREW
BA0020290	SOCKET CAP SCREW	BA0040361	SOCKET CAP SCREW
BA0020318	PENNY <(>&<)> GILES POSITION SENSOR FOR CYL.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020319	PENNY <(>&<)> GILES POSITION SENSOR FOR CYL.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020320	ROT.PULSE TRANSMITTER 3600 IMP.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020321	AIR/OIL COOLER W/ 8,4 CCM HY.MOTOR	BA0020323	AIR/OIL COOLER W/ 8,4 CCM HY.MOTOR
BA0020327	HY.CYL.W/P&G SENSOR HLP DRWG.589-60B	BA0050107	HYDRAULIC CYLINDER W/P<(>&<)>G SENSOR ICS100 DRWG.00306
BA0020336	COMPENSATOR LINK for DDM 650, CAST	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020337	KNUCKLE LINK COMPLETE, API 8A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020349	HYDRAULIC PISTON MOTOR,HYDR.CONTR.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020350	HYDRAULIC PISTON MOTOR,HYDR.CONTR.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020359	HYDRAULIC FILTER	BA0103643	HYDRAULIC FILTER
BA0020363	SEQUENSE VALVE	BA0048405	SEQUENCE VALVE
BA0020372	HYDR. CYL. W/TEMPOSONIC DRWG.589-81B	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020375	SWING GEAR, DRWG.6902 1224 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020385	HYDRAULIC MOTOR VOAC SAE C 4 HOLES	BA0173212	HYDRAULIC MOTOR VOAC SAE C 4 HOLES
BA0020390	SERVO VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020391	SERVO VALVE	BA0171799	SERVO VALVE
BA0020394	RELIEF VALVE NG6	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020397	WASH PIPE ASSY. COMPL., NEW DESIGN	BA0055110	WASH PIPE ASSY. COMPL.(OD 4" - ID 3,5")
BA0020411	SOLENOID PURGE VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020419	TEMPOSONIC I TRANSDUCER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020420	TEMPOSONIC I TRANSDUCER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020421	TEMPOSONIC I TRANSDUCER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0020422	TEMPOSONIC I TRANSDUCER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020434	AOM-BOX FOR TEMPOSONIC SENSOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020444	AIR/OIL BLEEDER ACCUMULATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020452	PISTON ROD (TWO KELLY COCKS)	BA0020709	PISTON ROD DETAIL
BA0020457	LONG TRAVEL TOOTH RACK LGA, DETAIL	BA5441297	LONG TRAVEL TOOTH RACK LGA, DETAIL
BA0020516	DOUBLE SELECTOR VALVE 1/2"	BA0055616	6/2 SELECTOR VALVE
BA0020528	HYDRAULIC TWIN PUMP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020540	KELLY VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020540-02	KELLY VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020544	AIR/OIL COOLER,MAXI	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020557	SOLENOID VALVE	BA0118929	4/2-WAY PNEUMATIC SOLENOID VALVE
BA0020563	TORSION SPRING, LEFT HANDED	BA0021523	TORSION SPRING
BA0020564	TORSION SPRING RIGHT HANDED	BA0021524	TORSION SPRING
BA0020578	MAR.SOLENOID (24VDC)W/ 2,5 M CABLE	BA0058663	ATEX SOLENOID CARTRIDGE
BA0020587	VALVE,PILOT OPERATED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020599	COMPLETE HYDRAULIC FILTER FOR LUBE PUMP	BA0020598	FILTER ELEMENT LUB. PUMP
BA0020606	ISOLATION VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020648	HOSE CLAMP	BA0020235	HOSE CLAMP
BA0020659	ELECTRIC MOTOR, EEXDE II C T4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020661	SET SCREW, ELZ	BA0039441	SET SCREW
BA0020664	SET SCREW	BA0039519	SET SCREW
BA0020680	TEST MATERIAL DRWG. XXXXX (28.nov)	BA0064351	NORDLOCK WASHER
BA0020680-01	TEST MATERIAL, DRWG. 012346	BA0064351	NORDLOCK WASHER
BA0020682	NORDLOCK WASHER	BA0034545	NORDLOCK WASHER
BA0020690	SERVO VALVE	BA0059283	SERVO VALVE
BA0020700	BOLT Ø70X139	BA0027659	BOLT FOR LINK TILT ARM Ø70X139
BA0020711	HYDRAULIC CYLINDER W/TEMPOSONIC SENSOR DRWG.592-45	BA0058175	HYDRAULIC CYLINDER W/BALLUF SENSOR, DWG.1097304
BA0020713	TEMPOSONIC I TRANSDUCER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020745	WIRESHV 1 5/8" WIRE,60" DIA. NORMAL TYPE	BA0065905	WIRE SHEAVE 60" GROOVED FOR 1 5/8" WIRE DIA.NORM.TYPE
BA0020843	FLANGED BUSHING	BA0056471	FLANGED BUSHING
BA0020848	SCREW FOR ACCUMULATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020950	DUST CAP FOR QUICK COUPLING	BA0024365	QUICK-ACTION COUPLING, CAP
BA0020955	HYDRAULIC VALVE, MAN.OPERATED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0020958	BLIND FLANGE	BA0028827	FLANGE, BLIND
BA0020996	TOP PLATE	BA0050853	TOP PLATE
BA0020997	PIPE CLAMP TOP PLATE, WIDE STD GR2	BA0051233	TOP PLATE
BA0021001	HYDRAULIC CHECK VALVE,DUAL PILOT OPER.	BA0058474	HYDRAULIC CHECK VALVE,DUAL PILOT OPER.
BA0021035	GEAR BOX FOR PTD	BA0047811	GEARBOX PTD
BA0021052	WASHER EL.FZ.	BA0064353	NORDLOCK WASHER
BA0021064	HANDY LINK	BA0011370	COUPLING LINK
BA0021075	HEX HEAD SCREW HOT DIP GALV	BA0038308	HEX HEAD BOLT
BA0021076	SWING GEAR WITH F12-60 MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021140	SPEED CONT. WHEEL. DIN 950B 80X5	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021189	JUNCTION BOX, MAX 22 TERMINALS	BA0056554	JUNCTION BOX MAX 27 TERMINALS LEFT HINGED
BA0021191	BUSHING OIL BRONZE	BA0057168	AXIAL BEARING
BA0021194	ISOLATION AMPLIFIER. (PN20275)	BA0051694	SWITCH AMPLIFIER
BA0021195	CURRENT/VOLTAGE DRIVER	BA0048934	CURRENT/VOLTAGE DRIVER
BA0021230	WIRESHV 1 3/4" WIRE,60" DIA. NORM. TYPE	BA0065903	WIRE SHEAVE,60" GROOVED FOR 1 3/4" WIRE,DIA.NORM.TYPE
BA0021232	CMPL.WIRESHEAVE W/BEARING AND COVER., 1 3/4" WIRE,60" NORM.TYPE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021236	WIRESHV 1 5/8" WIRE,60" NORM. W/BEAR.	BA0065905	WIRE SHEAVE 60" GROOVED FOR 1 5/8" WIRE DIA.NORM.TYPE
BA0021237	WIRESHV 1 5/8" WIRE,60"LIGHT W/BEAR.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0021238	WIRESHV 1 5/8" WIRE,60" DIA. LIGHT TYPE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021251	AXIAL CONE ROLLER BEARING, 300/650T	BA0056123	AXIAL CONE ROLLER BEARING EXPLORER
BA0021270	NAMUR PROXIMITY SWITCH	BA0172420	INDUCTIVE SENSOR
BA0021279	LINK HANGER PTD.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021280	SINGLE ACTING OVERCENTRE VALVE PIL.ASS.	BA0110364	OVERCENTRE VALVE
BA0021292	CYLINDER AXLE.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021311	KELLY VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021311-01	KELLY VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021311-02	KELLY VALVE	BA0021311-03	KELLY VALVE
BA0021348	DUST CAP FOR QUICK COUPLING	BA0024369	QUICK COUPLING PROTECTOR, CAP
BA0021349	DUST PLUG FOR QUICK COUPLING	BA0024374	QUICK-ACTION COUPLING, PLUG
BA0021365	HYDRAULIC CYLINDER W/P<(>&<)>G SENSOR ICS100 DRWG 651-47	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021374	A/D CONVERTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021384	SHIM RING FOR BEARING ADJ. OK 426425.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021391	CYLINDER BUSHING. DRWG.508-85	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021393	REGENERATIVE VALVE,PRESSURE SENSIT.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021408	TRANSMITTER, EEXi	BA0069972	PROGRAMMABLE TRANSMITTER
BA0021418	SET OF CONNECTION LINKS, DDM-650	BA0052719	CONNECTION LINKS FOR DDM-650, COMPLETE, RAL 3002
BA0021445	HYDRAULIC CYLINDER DRWG 600-49	BA0042865	HYDRAULIC CYLINDER DRWG 600-49F
BA0021450	TEMPOSONIC I TRANSDUCER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021451	TEMPOSONIC I TRANSDUCER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021452	TEMPOSONIC I TRANSDUCER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021453	TEMPOSONIC I TRANSDUCER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021454	TEMPOSONIC I TRANSDUCER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021456	TORQUE GAUGE 0-50FT.LBSX1000(0-20mA)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021457	SPEED GAUGE 0-300 RPM (0-20MA)	BA0051406	SPEED GAUGE 0-300 RPM (0-20mA)
BA0021504	ADAPTOR	BA0097524	ENLARGER EXE BRASS
BA0021505	ADAPTOR	BA0110136	ADAPTOR
BA0021510	ADAPTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021511	ADAPTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021514	CURRENT AMPLIFIER.	BA0021428	CURRENT AMPLIFIER SINGLE
BA0021541	CONNECTOR, BULKHEAD STRAIGHT	BA0061563	CONNECTOR, BULKHEAD STRAIGHT
BA0021577	HANDPUMP W/1 LITRE TANK AND HANDLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021606	KELLY VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021609	HEX HEAD SCREW	BA0038767	HEX HEAD SCREW
BA0021634	PENNY <(>&<)> GILES POSITION SENSOR FOR CYL.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021666	BOLT FOR RACKER HEAD MTR. SNC 16	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021667	BOLT FOR RACKER HEAD MTR. SNC 16	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021692	CONNECTOR, BULKHEAD STRAIGHT	BA0036854	CONNECTOR, BULKHEAD STRAIGHT
BA0021713	PLATE FOR SAFETY CHAIN.	BA0013636	TOP PLATE
BA0021720	STUD TRACK ROLLER	BA0069938	STUD TYPE TRACK ROLLER ASSEMBLY
BA0021757	SIDE ROLLER ASSY. COMPL.	BA5019910	SIDE ROLLER ASSEMBLY, DOLLY
BA0021769	ISOLATION AMPLIFIER.	BA0024226	SWITCH AMPLIFIER
BA0021784	LOADCELL 0-12 SWL / 0-20 mA w/ 1 MTR CBL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021796	O-RING.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021808	CURRENT AMPLIFIER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021822	INSTRUMENT CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021833	PRESSURE TRANSMITTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021834	PRESSURE TRANSMITTER	BA0050830	PRESSURE TRANSMITTER
BA0021880	HYDRAULIC PISTON MOTOR, FIXED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021890	COTTER PIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0021895	SERVO VALVE,INTRINSICALLY SAFE	BA0082447	SERVO VALVE
BA0021909	PILOT VALVE EL. OPERATED	BA0048961	4/2 DIR.VALVE EL.OPER.MARINE
BA0021927	SEAL KIT FOR CYLINDER	BA0093079	SEAL/REPAIR KIT
BA0021960	GEAR FOR MAN RIDER WINCH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021962	PUSH BUTTON W/LIGHT AND 3 MTR.CABLE	BA0047991	PUSHBUTTON W/LIGHT (RED)
BA0021963	GEAR U/SPRAG W/BRAKE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0021985	FRAM ENLARGED LINK SWL 12,5 T	BA0048969	SHACKLE JOINT
BA0022003	SOCKET CAP SCREW, LOW HEAD	BA0046135	SOCKET CAP SCREW LOW HEAD
BA0022004	TEMPOSONIC I TRANSDUCER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022005	AOM-BOX FOR TEMPOSONIC SENSOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022008	PIPE KIT FOR HYDR.PUMP P/N 20334	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022016	INSTRUMENT CABLE	BA0079900	INSTRUMENT CABLE GREY
BA0022017	INSTRUMENT CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022062	SAFETY LINCH PIN, COLD GALV.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022078	PRESS.TRANSM.,1/4"BSP-FEMALE,PG9,10M CBL	BA0051460	PRESS.TRANSMITTER 1/4" BSP-FEMALE W/10 MTR.CABLE
BA0022091	LINK ARM PIVOT BRACKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022133	PRESS.TRANSM.,1/4"BSP-MALE, PG9,10M CBL	BA0051459	PRESS.TRANSMITTER 1/4"BSP-MALE W/10 MTR CABLE
BA0022137	CEMENT	BA0119899	HARDENING COMPONENT FOR CEMENT
BA0022139	HARDENING COMPONENT FOR CEMENT	BA0119899	HARDENING COMPONENT FOR CEMENT
BA0022159	HYDRAULIC FILTER ELEMENT (25my)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022193	GLAND BRASS EEXD IIC	BA0110025	CABLE GLAND Exd / Exe, BRASS / ATEX / IECEx / c CSA us / Ø6,5-11,9MM
BA0022194	CABLE GLAND,BRASS,EEXD IIC	BA0110024	CABLE GLAND Exd / Exe, BRASS / ATEX / IECEx / c CSA us / Ø Inner 6,5-
BA0022206	TEFLON WASHER FOR CABLE GLAND	BA0103251	CLAMPING HOUSING
BA0022207	TEFLON WASHER FOR CABLE GLAND	BA0110005	TEFLON WASHER FOR CABLE GLAND E 205
BA0022229	SOCKET CAP SCREW	BA0040352	SOCKET CAP SCREW
BA0022339	DRAIN NIPPLE W/NUT BRASS	BA0047770	DRAIN PLUG/BREATHER W/NUT, BRASS, EEXE
BA0022365	SOCKET CAP SCREW	BA0039890	SOCKET CAP SCREW
BA0022371	UNIVERSAL RELAY 11-PINS 3 POS SWITCH	BA0029049	UNIVERSAL RELAY WITHOUT BASE
BA0022374	TERMINAL BLOCK, GREY	BA0048552	TERMINAL BLOCK GREY
BA0022376	TERMINAL BLOCK, BLUE	BA0048557	TERMINAL BLOCK BLUE
BA0022377	TERMINAL BLOCK, BLUE	BA0048555	TERMINAL BLOCK BLUE
BA0022406	HYDRAULIC HOSE	BA0054776	HYDRAULIC HOSE COMPLETE
BA0022415	ELECTRIC MOTOR, EEXDE STD FLANGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022416	HOSE KIT FOR ROUGHNECK SPINNER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022418	ELECTRIC MOTOR,EEXDE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022424	ELECTRIC MOTOR, EEXDE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022441	CONNECTING UNIT,24VDC, 3 MTR.CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022442	SWITCH CARTRIDGE, 1 NO, 3 MTR CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022445	PUSHBUTTON, BARTEC UNI.	BA0047744	PUSHBUTTON
BA0022446	CARTRIDGE FRAME	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022466	HYDRAULIC TORQUE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022471	ELECTRIC MOTOR EEXD E IIB T4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022476	SLEPFLEX CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022482	TRANSMITTER EExi FOR PTD 2 X 500	BA0069973	PROGRAMMABLE TRANSMITTER
BA0022489	QUICK COUPLING HYDRAULIC 1 1/4 FEMALE"	BA0024614	QUICK-ACTION COUPLING, FEMALE
BA0022496	ANALOG INPUT	BA0174821	AI, 16X13 BIT SM431
BA0022508	CABLE GLAND BRASS, EEXE IIC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022525	PNEUMATIC MOTOR,GAST	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022526	SHAFT FOR GAST GEAR AIR MOTOR	BA0047260	SHAFT FOR GAST GEAR AIR MOTOR
BA0022527	SERVO VALVE TYPE ULTRA	BA0082446	SERVO VALVE
BA0022540	GRIP ARM	BA5001338	GRIP ARM, LEFT HAND SIDE

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0022544	ELECTRIC MARINE MOTOR, EEXDE IIBT4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022549	JET NOZZLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022563	HEX HEAD BOLT	BA0038249	HEX HEAD BOLT
BA0022604	CHECK VALVE BLOCK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022612	EMERGENCY SWITCH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022613	BUNKERFLEX HOSE 3"	BA0034739	PROTECTION HOSE COMPLETE W/COUPLINGS
BA0022614	BUNKERFLEX ST. PROT. HOSE 4"	BA0035776	SERVICE LOOP COMPLETE W/COUPLINGS
BA0022617	SET SCREW	BA0039569	SET SCREW
BA0022619	CHARGING KIT FOR ACCUMULATOR IN SUITCASE	BA0077231	UNIVERSAL CHARGING SET
BA0022649	SPINNER FOR HYDR.ROUGHNECK	BA0050458	COMPLETE SPINNER FOR HYDRAULIC ROUGHNECK.
BA0022650	HALF FABRICATED SPINNER	BA0050457	HALF FABRICATED SPINNER, RAL 3002
BA0022695	BONDURA BOLT	BA0048902	BONDURA PIN
BA0022712	CABLE, EL NO. 1085940	BA0098199	CABLE EL NO. 1024029
BA0022721	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022722	KELLY VALVE (DRILL STEM SAFETY-VALVE)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022723	KELLY VALVE (DRILL STEM SAFETY-VALVE)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022731	ELECTRIC MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022732	PAL NUT, ELZ	BA0058246	PAL NUT
BA0022733	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022736	KELLY VALVE (DRILL STEM SAFETY-VALVE)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022746	CABELAR WHEEL CAST, FRAM ALLOY BLUE MESSENGER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022750	SIMATIC PC MODULE S5-135, CP581	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022751	RAM 1 MB FOR CP581	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022780	ELECTRIC MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022783	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022787	BRACKET FOR ACCUMULATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022788	CELL BUFFER	BA0026854	CELLULAR BUFFER
BA0022803	ZENER BARRIER	BA0027722	ZENER BARRIER
BA0022812	CABLE CC SCHLEPPFLEX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022813	BOLT FOR SUSPENSION PLATE COMPLETE 650 D	BA0040127	SOCKET CAP SCREW
BA0022822	SOCKET CAP SCREW	BA0041949	SOCKET CAP SCREW
BA0022829	I/U CONVERTER	BA0057348	I/U CONVERTER
BA0022831	I.S. BARRIER, SWITCH/PROXIMITY DETECTOR	BA0057345	I.S. BARRIER
BA0022832	I.S. BARRIER	BA0057346	I.S. BARRIER
BA0022849	SELECTOR SWITCH 2 POS.1 NO W/3M CABLE	BA0047749	SELECTOR SWITCH 2 POS.1 NO W/3M CABLE
BA0022850	SELECTOR SWITCH,2X1NO,3 MTR. CABLE	BA0047754	SELECTOR SWITCH 2X1NO 3 MTR. CABLE
BA0022851	SELECTOR SWITCH,SPRING RETURN 3 M CABLE	BA0084024	SELECTOR SWITCH, SPRING RETURN 3 M CABLE
BA0022852	KEY SWITCH,LOCKABLE IN PR.POS,3 M CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022855	INDICATOR LIGHT,24VDC YELLOW W/3M CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022856	PUSH BUTTON W/LIGHT 24VDC RED W/3M CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022857	PUSH BUTTON W/LIGHT 24VDC GREEN,3M CABLE	BA0047760	PUSH BUTTON W/LIGHT 24VDC GREEN,3M CABLE
BA0022858	PUSH BUTTON W/LIGHT 24VDC ,3 M CABLE	BA0047761	PUSH BUTTON W/LIGHT 24VDC 3 M CABLE
BA0022860	DOUBLE BARRIER FOR TRANSMITTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022874	POWER SUPPLY 240V/24VDC	BA0096096	POWER SUPPLY
BA0022877	UNIVERSAL RELAY 11 PINS + BASE	BA0030449	UNIVERSAL RELAY 11 PINS + BASE
BA0022889	ISOLATION AMPLIFIER 4 CH.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022905	INTERFACE MODULE PLC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022917	TPK752 SIGNAL HORN,GREY W/3 MTR CABLE	BA0050703	TPK753-03 SIGNAL HORN GREY
BA0022918	PUSH BUTTON	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0022923	FLOOD LIGHT, THORN BASELINE	BA0067648	FLOOD LIGHT, THORN BASELINE
BA0022925	POWER SUPPLY	BA0068207	POWER SUPPLY UNIT, 2X 24V 12A

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0022960	COOLING ELEMENT	BA0053438	COOLING ELEMENT FOR OIL COOLER
BA0022983	PLUG NIPPLE R 3/4",3000" BAR	BA0055794	PLUG-TYPE NIPPLES
BA0023012	CIRCUIT BREAKER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023033	DRAIN PLUG WITH NUT BRASS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023042	TERMINAL (DOUBLE)	BA0052490	TERMINAL (DOUBLE)
BA0023051	SOLENOID VALVE PURGE SYSTEM	BA0171734	4/2 WAY SOLENOID VALVE, WITH JUNCTION BOX EEX EM II T6,ATEX2129
BA0023054	INDICATOR LAMP RED	BA0086563	DIODE LAMP FOR PANEL MOUNTING
BA0023086	HYDRAULIC HOSE HI-PAC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023087	RUBBER HOSE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023125	TERMINAL BLOCK	BA0048557	TERMINAL BLOCK BLUE
BA0023133	POWER SUPPLY 230V/24V U2-U3	BA0028117	POWER SUPPLY
BA0023134	SWITCH 2 REST POS BARTEC , 3 MTR.CABLE	BA0067410	SELECTOR SWITCH 0+ I LATCHING,2POSITIONS
BA0023135	ELECTRIC MOTOR, 105 KW S1-100%	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023142	HEX BOLT STRUCTURAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023145	DIGITAL METER 4 1/2"	BA0084544	PRESSURE INDICATOR
BA0023150	POPPET VALVE SOL RR NR. 00351754	BA0028956	ASSEMBLY KIT POPPET VALVE V9
BA0023157	SENSING VALVE HY 410.092D FOR CIV-NG 130 AND CIV-NG 160	BA0052700	SENSING VALVE HY 410.092D FOR CIV-NG 130 AND CIV-NG 160
BA0023176	SAFETY BARRIER POT.METER	BA0028269	POTENTIOMETER CONVERTER
BA0023185	ANALOG METER, SCALE TO BE AGREED UPON	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023190	2X CABINET WALL	BA0036770	SIDE PANEL FOR CABINET (2 EA IN PACKET)(2 ea in package)
BA0023226	GRIP ARM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023233	PRESSURE TRANSMITTER	BA0051453	PRESSURE TRANSMITTER
BA0023235	ELECTRIC MOTOR, EEX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023249	RELAY 11-PIN + BASE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023288	FAN 2-SPEED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023289	CABIN LIGHT SWITCH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023290	HEATER 4 KW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023296	JUNCTION BOX	BA0056552	JUNCTION BOX EEXE W/EARTH BAR AND SCREWED LOCK
BA0023297	JUNCTION BOX, MAX 40 TERMINALS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023298	JUNCTION BOX, MAX 115 TERMINALS	BA0056561	JUNCTION BOX MAX 124 TERMINALS LEFT HINGED
BA0023300	JUNCTION BOX	BA0056564	JUNCTION BOX MAX 66 TERMINALS LEFT HINGED
BA0023301	JUNCTION BOX	BA0056565	JUNCTION BOX MAX 66 TERMINALS LEFT HINGED
BA0023308	ELECTRIC MOTOR, EXD	BA0067906	ELECTRIC MOTOR EEx D
BA0023346	CIRCUIT BREAKER	BA0102247	AUTOMATIC FUSE
BA0023381	CPU CARD VME	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023382	CPU CARD VME	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023383	VMEBUS ANALOG I/O	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023384	VMEBUS ANALOG I/O	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023385	VMEBUS SERIAL I/O	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023386	VMEBUS ANALOG I/O	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023424	HEX HEAD SCREW	BA0038732	HEX HEAD SCREW
BA0023465	BOLT	BA0011039	BOLT FOR DSC CYLINDER/CROWN BLOCK.
BA0023466	PARALLEL SHAFT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023467	PARTS KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023468	WIPER ARM 735 MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023469	WIPER BLADE, OIL RESISTANT	BA0052246	WIPER BLADE 800MM HEAVY DUTY, Bosch 3 397 011 425
BA0023471	DUST PLUG, ALUMINUM	BA0024371	QUICK-ACTION COUPLING, PLUG
BA0023483	LOADCELL SHEAR-PIN TYPE	BA0030902	LOADCELL DRWG ME00725
BA0023496	ELECTRIC MOTOR, EEXD	BA0055570	ELECTRIC MOTOR
BA0023503	BRAKE DRUM	BA5045569	BRAKE DRUM, RAL 3002
BA0023515	SERVO VALVE	BA0068822	SERVO VALVE

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0023530	FUSE SOCKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023533	TERMINAL BLOCK, GREY	BA0048558	TERMINAL BLOCK GREY
BA0023535	SOCKET CAP SCREW	BA0040050	SOCKET CAP SCREW
BA0023537	WASHER HARDENED	BA0040648	WASHER HARDENED
BA0023544	WASHER HARDENED	BA0040648	WASHER HARDENED
BA0023546	MARKS FOR UK5	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023551	MERKE NUMMER FOR UK3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023562	CABLE LUGS UNISOLATED25 MM2	BA0092706	CABLE LUGS UNISOLATED25 MM2
BA0023598	TERMINAL BLOCK, GREY	BA0048556	TERMINAL BLOCK GREY
BA0023599	TERMINAL BLOCK	BA0048564	TERMINAL BLOCK
BA0023632	CABLE GLAND BRASS, EEXE IIC	BA0056275	CABLE GLAND BRASS, EEXE
BA0023633	CABLE GLAND BRASS, EEXE IIC	BA0115331	CABLE GLAND HAWKE 501/453/UNIV D-M50 Exde Brass
BA0023636	HOSE RUPTURE VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023684	CABLE	BA0120624	CABLE (EL NO 1090521)
BA0023692	TRANSMITTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023729	MEASURING WIRE INCL POTMETER & TRANSM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023734	WIPER SYSTEM COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023747	SEW EURODRIVE GEAR W/BRAKE & FLEX COUPLI	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023748	LOADCELL SHACKLE TYPE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023751	SMART TRANSMITTER POWER SUPPLIES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0023991	RUBBER DISC	BA0057601	RUBBER DISC
BA0024001	CABINET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024005	CABLE 12 PAIR,COMMON SCREEN 0.25 MM2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024008	SWING GEAR	BA0055942	DRIVE GEARBOX
BA0024011	NYLAFLOW FLEXIBLE HOSE DIA.160MM	BA0079668	THERMOPLASTIC HOSE, SPIRAL
BA0024034	VALVE BLOCK, ACTIVE HEAVE COMP.	BA0077329	VALVE BLOCK, ACTIVE HEAVE COMP.
BA0024035	ACCUMULATOR W/RACK AND VALVE	BA0058226	ACCUMULATOR W/RACK AND VALVE FOR AHC
BA0024039	ROOM THERMOSTAT,2 SETTINGS 0-50 DEG C	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024041	PRESSURE SWITCH W/JUNCTION BOX	BA0051419	PRESSURE SWITCH W/JUNCTION BOX
BA0024049	MANOMETER COMPL W/COUPLING	BA0028446	PRESSURE GAUGE SAFETY PATTERN TYPE SM
BA0024055	TERMINAL BLOCK, GREY	BA0048554	TERMINAL BLOCK GREY
BA0024056	FLOPPY DISC DRIVE 3,5 INCLPEPVMSCDISCDR.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024057	HYDRAULIC HOSE SET FOR CASING MODEM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024082	HEX HEAD SCREW	BA0038737	HEX HEAD SCREW
BA0024111	PURGE CONTROL UNIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024123	VME BACKPLANES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024126	20X MOUNTING BAR FOR CABINET DOOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024149	POWER SUPPLY FOR PLS	BA0060395	POWER SUPPLY
BA0024164	JUNCTION BOX	BA0056558	JUNCTION BOX, MAX 46 TERMINALS, LEFT HINGED
BA0024177	HOSE PROTECTOR	BA0113543	HOSE PROTECTOR
BA0024204	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024221	ISOLATED SOLENOID DRIVER	BA0062903	GALVANIC ISOLATED SOLENOID DRIVER
BA0024225	ISOLATION AMPLIFIER	BA0031176	SWITCH AMPLIFIER
BA0024226	SWITCH AMPLIFIER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024241	CABINET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024249	BARRIER	BA0027722	ZENER BARRIER
BA0024251	CONVERTER A/D-12 BIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024255	INPUT/OUTPUT MODULE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024256	REMOTE I/O 4CH AO	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024258	GRAPHIC DISPLAY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024259	ANALOG INPUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0024271	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024274	ISOLATION AMPLIFIER	BA0051694	SWITCH AMPLIFIER
BA0024279	TRANSF.ISOL.CURR.REP. (104204)	BA0050053	CURRENT/VOLTAGE DRIVER
BA0024294	CPU	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024319	DISTANCE TUBE FOR VALVE BLOCK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024338	BOLT FOR SUSPENSION FLANGE	BA0051172	LOCKING PIN FOR SUSPENSION FLANGE PH PTD500
BA0024339	HEX HEAD BOLT HOT DIP GALV	BA0038210	HEX HEAD BOLT
BA0024352	SOCKET CAP SCREW	BA0040393	SOCKET CAP SCREW
BA0024354	ELECTRIC MARINE MOTOR	BA0098591	3-PHASE SQUIRREL CAGE MOTOR
BA0024390	NEEDLE VALVE 1/2" FEMALE NPT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024406	HYDRAULIC CYLINDER W/P(>&<)G SENSOR HLP DRWG 613-31	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024418	SPHERICAL BEARING	BA0013999	SPHERICAL BEARING
BA0024467	TRANSMITTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024473	SIGN TYPE AND SERIES NO, PL 1,5X50X150	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024497	SET SCREW	BA0039512	SET SCREW
BA0024503	CIRCUIT BREAKER	BA0096815	CIRCUIT BREAKER
BA0024516	ANALOG INPUT MODULE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024520	MELSECNET/B DATA LINK MODULE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024521	ANALOG OUTPUT MODULE	BA0060402	ANALOG OUTPUT MODULE
BA0024523	ANALOG OUTPUT MODULE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024524	HIGH SPEED COUNTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024525	POWER UNIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024526	CPU UNIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024544	OIL COOLER PLATETYPE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024566	EXPANSION MODULE,2 SLOT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024567	EXPANSION MODULE,3 SLOT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024568	VGA DRIVER/KEYBOARD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024569	ANALOG SUBMODULE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024570	COUNTING SUBMODULE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024583	PROFIBUS FIELDBUS PLUG WITH 9 POL D-SUB FEMALE AND MALE	BA0068727	PROFIBUS FIELDBUS PLUG
BA0024640	VALVECONTROLBLOCK(PROPORTIONALVALVE)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024644	SOCKET CAP SCREW	BA0047705	SOCKET CAP SCREW
BA0024648	WELDING BRACKET SS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024659	OPERATOR TERMINAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024662	CPU UNIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024664	DIGITAL OUTPUT MODULE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024677	NETWORK UNIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024684	VGA MONITOR 7 MONO	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024690	WIPER BLADE, OIL RESISTANT	BA0027321	WIPER BLADE OIL RESISTANT
BA0024697	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024716	DOOR SWITCH FOR CABINET W/MOUNTING KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024741	MUSHROOM,RED,PUSH BUTTON.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024742	Expried 1Jan2004.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024743	SWITCH 3 POS,YELLOW,2X1NO,3MTR CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024744	POTMETER, 10K, 270 DEGR.,3 MTR CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024746	PUSH BUTTON W/LIGHT (RED)1 NO,3MTR.CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024749	PUSH BUTTON W/LIGHT(RED)	BA0022865	PUSH BUTTON W/LIGHT (RED)
BA0024753	TPK EX ROTARY SWITCH, EEX D IIC T6	BA0050398	TPK EX ROTARY SWITCH
BA0024766	RPM GAUGE INSTR.,0/4-20MA,240 DEGR.RPT	BA0057464	ANALOG METER
BA0024791	HEX HEAD SCREW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024800	INDICATING LIGHT W/7 MTR CABLE	BA0050400	INDICATING LIGHT W/7 MTR CABLE

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0024801	INDICATING LIGHT W/ 7 MTR CABLE	BA0050401	BUZZER W/3 MTR CABLE
BA0024803	VALVE DN 200 PN 16 TYPE IMO FOR 24802	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024821	STOPPING PLUG TEF793	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024827	PAN HEAD SCREW SS GLAND	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024828	LOCKING SCREW GLAND,	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024842	SOCKET CAP SCREW	BA0057736	SOCKET CAP SCREW
BA0024853	BALL VALVE	BA0052127	BALL VALVE
BA0024865	ISOLATION AMPLIFIER W/RELAY AND TRANS. O	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024885	PRESSURE TRANSMITTER	BA0022132	PRESS.TRANSMITTER W/1/4" BSP-FEMALE PG9 10M CBL
BA0024896	WASHER	BA0038639	WASHER
BA0024897	LOCK NUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024899	PROPORTIONAL VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024934	PUSH BUTTON WITH LIGHT	BA0050515	PUSH BUTTON WITH LIGHT
BA0024935	PUSH BUTTON WITH LIGHT	BA0050516	PUSH BUTTON WITH LIGHT
BA0024962	GEAR	BA0069785	WINCH GEAR, SPEC. FLG OMT250
BA0024963	GEAR	BA0069786	WINCH GEAR, SPEC. FLG OMT250
BA0024968	GEAR R151/1+PINION M20,Z16,B110, SAE.C MOTO	BA0047681	GEAR R151/1+PINION M20,Z16,B110
BA0024989	PRESSURE TRANSMITTER	BA0051531	PRESSURE TRANSMITTER
BA0024996	PUSH BUTTON,2X 1 NO,3 MTR.CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0024997	INDICATOR LIGHT 220VAC, 3 MTR CABLE	BA0047766	INDICATOR LIGHT 220VAC WITH 3 MTR CABLE
BA0024999	POWER RAIL	BA0082541	POWER RAIL
BA0025001	PUSH BUTTON W/LIGHT GREEN, 3 MTR.CABLE	BA0047760	PUSH BUTTON W/LIGHT 24VDC GREEN,3M CABLE
BA0025002	PUSH BUTTON W/LIGHT 3 MTR.CABLE	BA0047761	PUSH BUTTON W/LIGHT 24VDC 3 M CABLE
BA0025009	PUSH BUTTON WITHLIGHT	BA0050517	PUSH BUTTON WITHLIGHT
BA0025027	HIGH PRESSURE SWIVEL, 90 DEGREES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025028	PILOT CONTROL VALVE 4 PORT 1 LEVER	BA0093720	PILOT CONTROL VALVE 4 PORT 1 LEVER
BA0025043	PNEUMATIC VALVE W/BUTTON	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025051	SAVER SUB, PIN 6-5/8" REG - PIN NC50 (L=300)	BA3170180-01	SAVER SUB PIN 6-5/8" REG - PIN NC50 EXTRA LONG
BA0025063	LIGHT FITTING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025065	BLIND PLUG ELECTRICAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025076	GEAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025081	UNIT CONTROL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025095	TORQUE WRENCH ARM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025099	SEGMENT DISPLAY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025101	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025104	ELECTRIC MARINE MOTOR	BA0029392	ELECTRIC MARINE MOTOR
BA0025111	PUSH BUTTON	BA0079650	VALVE W/ GREEN PUSHBUTTON
BA0025141	SOFTWARE FOR M7 SYS 3 1/2" DISC V35065	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025146	HOSE KIT FOR TORQUE WRENCH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025147	S6-40%, ELECTRIC MOTOR, EEXDE IIB T4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025150	FELT SEAL RING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025169	HAWE VALVE, WITHOUT MOUNTING PLATE	BA0103188	2/2 SEATED DIRECTIONAL VALVE W/SUB PLATE
BA0025175	FLOPPY/HARDDISK EXPANTION MODULE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025176	FLOPPY/SCSI CONTROLLER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025177	GENERAL OS9 FILE MANAGER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025178	FLOPPY DRIVE DS/HD FOR 19" RACK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025191	INDICATING LIGHT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025202	PRESSURE TRANSMITTER	BA0051508	PRESSURE TRANSMITTER
BA0025225	HYDRAULIC MOTOR, VOAC SAE D	BA0170999	HYDRAULIC MOTOR, VOAC SAE D
BA0025226	ULTRONIC CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025239	CARTRIDGE VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0025255	WIRESHEAVE FOR 3/4" WIRE, DRWG.4-54737	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025264	REMOTE TERMINAL INTERFACE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025267	PUSH BUTTON W/LIGHT(GREEN)	BA0103399	PUSH BUTTON W/LIGHT(GREEN)
BA0025268	PUSH BUTTON W/LIGHT(RED)	BA0103400	PUSH BUTTON W/LIGHT(RED)
BA0025269	PUSH BUTTON W/LIGHT(WHITE)	BA0103401	PUSH BUTTON W/LIGHT(WHITE)
BA0025273	JUMPER PIN FOR, LB 100 EL NR 0202280	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025280	PURGE CONTROL UNIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025286	AXLE FOR FAN 563202	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025291	JUNCTION BOX	BA0056558	JUNCTION BOX, MAX 46 TERMINALS, LEFT HINGED
BA0025319	HIGH PRESS.FILTER W/ST.STEEL INDICATOR	BA0086355	IN-LINE FILTER ASSEMBLY
BA0025330	HEX.HEAD C/SCREW	BA0040253	SOCKET CAP SCREW
BA0025331	PULLING TOOL FOR KELLY VALVE	BA0064145	COMPLETE SET OF PULLING TOOL FOR KELLY VALVE
BA0025362	TOOTH RACK M=14 Z=80 L=1493	BA0046668	TOOTH RACK FOR GANTRY CRANE
BA0025384	POSITION MEASUREMENT	BA0095055	CIMSMART POSITIONING MEASUREMENT SYSTEM
BA0025396	SOLENOID FOR PVG 32	BA0082193	PVEO 32 ELECTRICAL ACTIVATION W/ 5 MTR.CABLE
BA0025397	PROPORTIONAL SOLENOID FOR PVG 32	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025400	BOLT FOR LINK TILT ARM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025406	CABLE (FOR OP15C1)	BA0026581	CABLE FOR OP1
BA0025461	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025472	CABINET	BA0046058	CABINET, 2000X600X600, IP55
BA0025536	CONNECTOR, STUD STRAIGHT	BA0010071	CONNECTOR, STUD STRAIGHT
BA0025537	CONNECTOR, STUD STRAIGHT	BA0010071	CONNECTOR, STUD STRAIGHT
BA0025551	BRACKET FOR JB23	BA0025580	BRACKET FOR JB 23
BA0025564	POTMETER EEXD 5K.OHM,320 DEG,3 M CABLE	BA0110006	POTENTIOMETER W/KNOB AND 3 MTR.CABLE
BA0025573	ISOLATION AMPLIFIER W/SOCKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025578	PROPORTIONAL VALVE	BA0064278	PROPORTIONAL VALVE
BA0025632	PRESSURE REDUCING VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025649	HYDRAULIC HOSE, COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025664	EXD SWITCH BARTEC,3 POS,SPR.RET.2X1NO	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025696	LEVEL MEASUREMENT, ULTRASONIC SENSOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025710	HYDRAULIC HOSE COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025718	DIRECTIONAL VALVE	BA0055616	6/2 SELECTOR VALVE
BA0025731	POWER SUPPLY	BA0029586	SWITCHED MODE,DC POWER SUPPLY W/BRACKET
BA0025732	PIGGIBACKS ANALOG I/O	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025748	SIMATIC S7-300 STABILIZED POWER SUPPLY PS307	BA0031665	SIMATIC S7-300 STABILIZED POWER SUPPLY PS307
BA0025758	BUSCONNECTION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025760	ANALOG OUTPUT MODULE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025783	PIGGIBACKS DIGITAL I/O	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025792	TERMINAL BLOCK, GREY	BA0074711	2 DOUBLE DECK TERMINAL BLOCK, GREY
BA0025809	BRACKET FOR JB23	BA0025580	BRACKET FOR JB 23
BA0025812	BUSHING	BA0025583	BUSHING
BA0025838	CIRCUIT BREAKER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025856	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025882	T.W. ADAPTER FOR LOGGING	BA5119291	WIRE LINE ADAPTER ASSEMBLY,TORQUE WRENCH,TOP DRIVE
BA0025899	+2X07-2321-1320	BA0047751	EEXD SWITCH 2 POS,STAY+7 MTR CABLE,IP65
BA0025934	PUSH BUTTON RED, INC, 3 MTR.CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025938	SWITCH LOCKABLE/KEY REMOV.IN BOTH POS.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0025944	PRESS.TRANSM.,1/4"BSP-FEMALE,PG9,10M CBL	BA0051465	PRESS.TRANSMITTER 1/4" BSP-FEMALE,W/10 MTR.CABLE
BA0025954	SELECTOR SWITCH 2 POS.	BA0048740	SWITCH 2-POS.
BA0025958	PRESSURE TRANSMITTER EEXI	BA0051524	PRESSURE TRANSMITTER EEXI
BA0025968	VALVE, PNEUMATIC INC. SOLENOID, AISI 316	BA0058199	VALVE PNEUMATIC INC. SOLENOID AISI 316

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0025969	TRANSFORMER ISOLATED SOLENOID DRIVER	BA0073875	SOLENOID DRIVER
BA0025996	HYDRAULIC PISTON TWIN PUMP,PRESS.COMP.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026031	ELECTRIC MOTOR, EEXDE IIB T4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026035	OPERATOR PANEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026046	POWER SUPPLY 24VDC/5VDC,%%p12VDC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026053	BRACKET	BA0110616	ADAPTOR 3 U DEPTH KIT 100MM(2 ea in package)
BA0026075	PRESS.TRNSM. 1/4"BSP W/10M CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026084	HANDPUMP W/3 LITRE TANK W/HANDLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026091	POTMETER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026158	MAIN EMERGENCY STOP.	BA0071923	EMERGENCY STOP w/2NC RIBBON CABLE TERMINATION
BA0026162	ROT. PULS TRANSMITTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026170	NYLATRON BOLT, CASTING	BA0034379	GUIDE ROLLER 750 SH T RAMRIG
BA0026179	JUNCTION BOX,MAX 40 TERMINALS	BA0056559	JUNCTION BOX MAX 46 TERMINALS LEFT HINGED
BA0026180	JUNCTION BOX	BA0056565	JUNCTION BOX MAX 66 TERMINALS LEFT HINGED
BA0026186	JUNCTION BOX	BA0056569	JUNCTION BOX, MAX 684 TERMINALS, LEFT HINGED
BA0026188	FLANGE MALE THREAD	BA0052040	FLANGE ADAPTER, RETAIN RING SYSTEM
BA0026249	MODULAR BLOCK	BA0048568	MODULAR BLOCK
BA0026253	JUNCTION BOX	BA0056552	JUNCTION BOX EEXE W/EARTH BAR AND SCREWED LOCK
BA0026254	JUNCTION BOX, MAX 22 TERMINALS	BA0056554	JUNCTION BOX MAX 27 TERMINALS LEFT HINGED
BA0026256	JUNCTION BOX	BA0056556	JUNCTION BOX, MAX 66 TERMINALS, LEFT HINGED
BA0026257	JUNCTION BOX	BA0056556	JUNCTION BOX, MAX 66 TERMINALS, LEFT HINGED
BA0026258	JUNCTION BOX, MAX 42 TERMINALS	BA0056557	JUNCTION BOX MAX 43 TERMINALS LEFT HINGED
BA0026259	JUNCTION BOX, MAX 42 TERMINALS	BA0056557	JUNCTION BOX MAX 43 TERMINALS LEFT HINGED
BA0026261	JUNCTION BOX, MAX 40 TERMINALS	BA0056559	JUNCTION BOX MAX 46 TERMINALS LEFT HINGED
BA0026262	JUNCTION BOX,MAX 115 TERMINALS	BA0056561	JUNCTION BOX MAX 124 TERMINALS LEFT HINGED
BA0026263	JUNCTION BOX, MAX 150 TERMINALS	BA0056563	JUNCTION BOX MAX 150 TERMINALS LEFT HINGED
BA0026264	JUNCTION BOX, MAX 150 TERMINALS	BA0056563	JUNCTION BOX MAX 150 TERMINALS LEFT HINGED
BA0026267	JUNCTION BOX, IP66	BA0056566	JUNCTION BOX MAX 294 TERMINALS LEFT HINGED
BA0026268	JUNCTION BOX	BA0056566	JUNCTION BOX MAX 294 TERMINALS LEFT HINGED
BA0026269	JUNCTION BOX	BA0056568	JUNCTION BOX, MAX 405 TERMINALS, LEFT HINGED AND SCREWS
BA0026270	JUNCTION BOX	BA0056569	JUNCTION BOX, MAX 684 TERMINALS, LEFT HINGED
BA0026282	EXM 478	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026283	MSM 478	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026290	ET 200B CONNECTING MODULE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026292	CONNECTOR, TEST COUPLING	BA0150177	CONNECTOR, TEST COUPLING
BA0026315	CABLE (0027646)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026316	CABLE (072506)	BA0094513	CABLE
BA0026337	SHUTTLE VALVE FOR GEAR	BA0053267	RESTRICTOR VALVE ASSY POS 63-73
BA0026340	PRESSURE TRANSMITTER	BA0050827	PRESSURE TRANSMITTER
BA0026353	JUNCTION BOX, MAX 17 TERMINALS	BA0056553	JUNCTION BOX W/EARTH BAR SCREWED LOCK MAX 20 TERMINALS
BA0026354	JUNCTION BOX, MAX 17 TERMINALS	BA0056553	JUNCTION BOX W/EARTH BAR SCREWED LOCK MAX 20 TERMINALS
BA0026356	POWER SUPPLY 12V DC, +/-	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026358	IF964-DP S7/400 INTERFACE MODULE	BA0036750	INTERFACE MODULE
BA0026363	HARDDRIVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026395	CONVERTER 2-LEADER 0-100 DEGR.	BA0116652	TEMPERATURE CONVERTER 2-WIRE 0-100'C
BA0026396	CONNECTION CABLE	BA0050711	1 PAIR PROFIBUS, SHIELD BUS CONNECTION CABLE 3 MTR.
BA0026400	GLAND, EEXE	BA0042165	GLAND M20 EXE BRASS Ø6,5-11,9MM
BA0026402	GLAND, EEXE	BA0042162	GLAND M32 EXE BRASS Ø19,5-26,5MM
BA0026403	GLAND, EEXE	BA0042167	GLAND M50 EXE BRASS Ø31,5-44,4MM
BA0026421	HYDR.SPINNER CMPL.FOR HYDR.ROUGHNECK	BA0050456	COMPLETE SPINNER FOR HYDR.ROUGHNECK.
BA0026445	CP 1401 COMMUNICATION PROCESSOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0026446	CPU 388-4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026448	RELAY, 24V DC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026450	VME BUS CPU	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026451	ETHERNET 10 BASE T W/RJ45 CONNECTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026452	MEMORY MODULE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026485	SINEC H1 TPTR INDUSTRIAL TW.PAIR PLUG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026487	4 X ANGULAR BAYING BRACKETS FOR PS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026510	ASPC-2 PROFIBUS, DIRECT CPU CONNECTION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026512	PRESS.TRANSM.,1/4"BSP-FEMALE,PG9,10M CBL	BA0051456	PRESS.TRANSMITTER 1/4"BSP-FEMALE,W/10 MTR.CABLE
BA0026513	PRESS.TRANSM. 1/4"BSP-FEMALE,PG9,10M CBL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026544	SELECTOR SWITCH 4-POS, SPECIAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026545	SELECTOR SWITCH 5-POS, SPECIAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026548	SELECTOR SWITCH 3-POS, SPECIAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026564	SAFETY VALVE FOR ACC.UNIT P/N 24035	BA0074417	SAFETY VALVE, 360 BAR CARBON STEEL, CE M
BA0026567	LEVEL MEASUREMENT,ULTRASONIC DU Z SENSOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026579	OPERATOR PANEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026610	ULTRONIC CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026619	THREADED FLANGE 1 1/4" R	BA0032902	FLANGE ADAPTER, RETAIN RING SYSTEM
BA0026641	24VDC MINI RELAY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026642	CABINET W/SIDE WALLS, 800X2000X800	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026661	SAFETY BARRIER,0-20MA OUT 4-20MA INPUT	BA0048935	CURRENT DRIVER
BA0026668	PRESS.TRANSM.,1/4"BSP-FEMALE,PG9,10M CABLE	BA0051462	PRESS.TRANSMITTER 1/4" BSP-PG9 W/2 MTR.CABLE
BA0026682	GATE VALVE DN 150 PN 10	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026696	CONNECTOR, STUD ELBOW	BA0020184	CONNECTOR, STUD ELBOW
BA0026706	CHAIN LOCK COUPLING 15,5T	BA0015868	COUPLING LINK
BA0026707	FRAM ALLOY CHAIN, SHORT LINKED, GRADE 80	BA0031974	FRAM ALLOY CHAIN SHORT LINKED GRADE 80
BA0026709	FLOPPY DISK 3,5"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026710	19" FRAME FOR VMEBUS MODULES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026711	COMPUTER FAN TRAY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026712	PEP PROFIBUS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026713	RS 485 PIGGIBACK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026714	ACTIVE VMEBUS BACKPLANE TERMINATORS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026742	CABLE GLAND	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026747	INSTRUMENT CABLE	BA0026228	INSTRUMENT CABLE
BA0026754	PRESS.TRANSM.DIFF.0-0.012 TO 0-6.22KPA	BA0051528	PRESS.TRANSM.DIFF.0-0.012 TO 0-6.22KPA
BA0026756	JUNCTION BOX	BA0056564	JUNCTION BOX MAX 66 TERMINALS LEFT HINGED
BA0026759	CEAG EX LIGHT SWITCH, 2 POLES	BA0023222	EX ON-OFF SWITCH 2 POLE, 2NO 16A 250V, 2XM25
BA0026760	CABLE	BA0095614	CABLE
BA0026773	HYDRAULIC PISTON MOTOR, FIXED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026786	ON/OFF VALVE	BA0095776	ON/OFF VALVE
BA0026787	60" W.SH. MODEL C(+1380/1524, R=28,88)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026804	SOFTWARE FOR CP524/525 ENGLISH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026807	SWING GEAR,STR.AXLE W/WEDGE,DR 630187744	BA0054883	SLEW GEARBOX
BA0026812	VMEBUS CPU BOARD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026814	TEST FLUID	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026823	CHECK VALVE	BA0036432	CHECK VALVE
BA0026831	HIGH PRESSURE SWIVEL, 90 DEGREES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026836	HIGH-LOW VALVE	BA0086550	VALVE, LOGIC ELEMENT-PILOT-TO-OPEN
BA0026852	SOFT WARE (SIMPLE LICENSE)FOR CP581	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026855	WAMPFLER CELL BUFFER W/SAFETY WIRE	BA0026372	CELLULAR BUFFER
BA0026869	BOLT	BA0023256	BOLT

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0026918	64" W.SH. MODEL C(+1480/1625, R=28,88)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026976	VME BUS CPU CARD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026977	MEMORY PIGGYBACK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026985	RUBBER BUFFER	BA0031102	RUBBER BUFFER
BA0026987	68030,68040, 68060 CPU-BOARD QUANT.LICEN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0026995	PRESS.TRANSM.,1/4"BSP-FEMALE,PG9,10M CBL	BA0051456	PRESS.TRANSMITTER 1/4"BSP-FEMALE,W/10 MTR.CABLE
BA0026996	FLASH DIMM MODULE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027000	CYLINDRICAL ROLLER BEARING	BA0014861	CYLINDRICAL ROLLER BEARING
BA0027005	PLC CPU 315-2 DP	BA0048128	S7 PLC CPU 315-2 DP
BA0027006	POPPET VALVE W/CONN.PLATE,MECH.OPERATED	BA0103188	2/2 SEATED DIRECTIONAL VALVE W/SUB PLATE
BA0027023	EMERGENCY STOP, TURN TO RESET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027026	POLYESTER JUNCTION BOX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027028	JUNCTION BOX	BA0056560	JUNCTION BOX, MAX 46 TERMINALS, LEFT HINGED
BA0027029	PUSH BUTTON COMPLETE, 1 C/O, 3 MTR.CABLE	BA0068616	PUSH BUTTON COMPLETE,1 C/O,3 MTR.CABLE
BA0027035	INDICATOR LIGHT(RED),240VAC,3MTR.CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027036	SELECTOR SWITCH 3 POS., BLACK	BA0047752	SELECTOR SWITCH 3 POS., BLACK
BA0027037	CARTRIDGE FRAME	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027038	SWITCH OPERATOR, 2-POS., BLACK	BA0047747	SWITCH OPERATOR, 2-POS., BLACK
BA0027039	SWITCH CARTRIDGE, 1 C/O, 3 MTR.CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027044	CABLE BLACK	BA0032849	CABLE
BA0027047	HYDRAULIC MOTOR W/ RADIAL PISTON	BA0096509	HAGGLUND MOTOR
BA0027060	SEAL KIT FOR PISTON ACCUMULATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027081	PRESSURE TRANSMITTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027085	VALVE PILOT OPERATED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027093	MOUNTING CLAMP(2-PART) , AISI 316	BA0171743	CLAMP
BA0027109	PRESSURE SWITCH W/LIGHT GREEN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027110	INSTRUMENT CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027112	LINE MEASURE IMPELLER W/EEXI TRANSF.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027154	INDICATOR LIGHT (GREEN)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027155	PUSH BUTTON W/INDICATOR LIGHT (RED)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027156	INDICATOR LIGHT(GREEN),COMPL,3MTR.CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027157	AIR CONDITIONING UNIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027164	COROS OP17/PP OPERATOR PANEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027167	PRESSURE TRANSMITTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027168	PRESSURE TRANSMITTER	BA0050825	PRESSURE TRANSMITTER
BA0027176	INDUCTIVE NAMUR SENSOR W/15 MTR. CABLE	BA0085408	INDUCTIVE NAMUR SENSOR W/15 MTR. CABLE
BA0027179	CABLE FOR RTI SIEMENS L= 20 METER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027186	COMPL.W/F16 ROPELOCK 20 MTR.LINE IND.BAG	BA0054597	GOTCHA CRD KIT WITH 30 MTR ROPE
BA0027187	STANDARD KEYBOARD	BA0061920	HP WIRED KEYBOARD
BA0027202	L2 LAN CABLE	BA0042996	SIMATIC NET, PB FC STANDARD CABLE GP,2-WIRE,SHIELDED
BA0027217	ASSISTANT DRILLER'S CABIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027218	DERRICK MAN'S CABIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027228	SOCKET CAP SCREW	BA0041955	SOCKET CAP SCREW
BA0027236	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027237	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027242	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027243	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027304	CP 441-2 COMMUNICATION MODULE	BA0028010	CP 441-2 COMMUNICATION PROCESSOR
BA0027309	SOLENOID VALVE	BA0083216	VALVE
BA0027312	M5BG-10050 PRESS.TRANSM.,1/4"BSP-FEMALE,PG9,10M CBL	BA0051462	PRESS.TRANSMITTER 1/4" BSP-PG9 W/2 MTR.CABLE
BA0027317	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0027337	PRESSURE TRANSMITTER	BA0051526	PRESSURE TRANSMITTER
BA0027341	WIRESHV 1 1/2" WIRE 60" DIA.NORM.TYPE	BA0085799	WIRE SHEAVE MACHINED,FORGED AND WELDED
BA0027342	WIRESHEAVE, 1 3/4" WIRE,60" DIA. NORM. TYPE	BA0087333	WIRE SHEAVE MACHINED,FORGED AND WELDED, RAL 3002, RED
BA0027343	WIRESHV 1 3/4" WIRE,60" DIA. LIGHT TYPE	BA0086537	WIRE SHEAVE MACHINED,FORGED AND WELDED
BA0027344	WIRESHV 1 1/2" WIRE,60" DIA. LIGHT TYPE	BA0086536	WIRE SHEAVE MACHINED,FORGED AND WELDED
BA0027345	1/2" BSPP BALL VALVE W/DBL ACT. PNEU.ACT	BA0061568	BALL VALVE W/SPRING RETURN ACTUATOR
BA0027347	ELECTRIC MOTOR, EEXDE II BT4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027348	PROPORTIONAL VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027359	ELECTRIC MARINE MOTOR, EEXDE IIB T4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027360	ELECTRIC MOTOR, EEXDE II B T4,	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027361	SAFETY GLASS (5MMX1775MMX995MM)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027364	JUNCTION BOX	BA0056562	JUNCTION BOX MAX 124 TERMINALS LEFT HINGED
BA0027365	JUNCTION BOX	BA0056562	JUNCTION BOX MAX 124 TERMINALS LEFT HINGED
BA0027372	BALL VALVE	BA0042883	BALL VALVE W/2" SAE FLANGES
BA0027390	CAST FOR LINK HANGER, 650L-RR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027392	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027394	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027394-01	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027407	HYDRAULIC CYLINDER W/P<(>&<)>G SENSOR HLP, DRWG 619-36	BA0050174	HYDRAULIC CYLINDER W/P<(>&<)>G SENSOR ICS100 DRWG 00272
BA0027410	PRESSURE TRANSMITTER	BA0050823	PRESSURE TRANSMITTER
BA0027459	ELECTRIC MOTOR, EEXDE II BT4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027461	ELECTRIC MOTOR, EEXDE II BT4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027463	ELECTRIC MOTOR, EEXDE SPECIAL FLANGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027476	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027477	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027491	BUTTERFLY VALVE W/HANDLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027493	BUTTERFLY VALVE W/HANDLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027496	CONNECTOR, TEE ADAPTER	BA0151036	CONNECTOR, TEE ADAPTER
BA0027497	REDUCER	BA0035771	FLANGE REDUCER, RETAIN RING SYSTEM
BA0027501	CPU 416-2 DP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027503	TERMINATOR FOR IM461-1	BA0026286	IM 461-1 INTERFACE MODULE
BA0027510	PRESSURE TRANSMITTER	BA0050829	PRESSURE TRANSMITTER
BA0027512	PRESSURE TRANSMITTER	BA0051530	PRESSURE TRANSMITTER
BA0027532	HEX HEAD SCREW HOT DIP GALV.	BA0038245	HEX HEAD BOLT
BA0027540	OPTICAL LINK MODULE	BA0037223	MULTI MODE PROFIBUS OPTICAL LINK MODULE OLM/G12
BA0027569	PLUG IN HEX. W/O-RING, SS	BA0070240	CONNECTOR, BLANKING END
BA0027576	CONNECTOR, SWIVEL WITH O-RING ELBOW	BA0010114	CONNECTOR, SWIVEL WITH O-RING ELBOW
BA0027596	ELECTRIC MOTOR	BA0062020	ELECTRIC MOTOR
BA0027597	ELECTRIC MOTOR	BA0110726	ELECTRIC MOTOR
BA0027598	ELECTRIC MOTOR	BA0062020	ELECTRIC MOTOR
BA0027599	ELECTRIC MOTOR	BA0061816	ELECTRIC MOTOR
BA0027600	ELECTRIC MOTOR	BA0062019	ELECTRIC MOTOR
BA0027601	ELECTRIC MOTOR	BA0114817	ELECTRIC MOTOR
BA0027606	SEAL KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027616	GLASS DOOR W/SAFETY GLASS, FOR PS/ES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027617	JUNCTION BOX, MAX 22 TERMINALS	BA0056555	JUNCTION BOX MAX 27 TERMINALS LEFT HINGED
BA0027628	TOOL FOR HOSE LOOP FASTENING DERRICK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027658	FILTER ELEMENT BRANDED	BA0113097	FILTER ELEMENT STAT-FREE
BA0027684	POWER SUPPLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027688	GEAR	BA0055035	SLEW GEARBOX
BA0027693	FRONT COVER, 3U	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0027697	SEAL KIT FOR 1/2" BALL VALVE	BA0047558	SEAL KIT FOR BALL VALVE
BA0027698	TERMINAL EEXE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027699	TERMINAL, EEXE	BA0075491	TERMINAL BLOCK
BA0027700	PLASTIC COVER FOR WOERTS 2804	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027723	MEMORY MODULE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027724	INPUT MODULE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027725	POTENTIOMETER	BA0112981	POTENTIOMETER
BA0027726	POTENTIOMETER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027732	PRESSURE GAUGE, SAFETY PATTERN, TYPE SM	BA0028334	PRESSURE GAUGE, SAFETY PATTERN, TYPE SM
BA0027740	MANUAL FOR OP5 W.PROTOOL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027745	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027761	G-LINK	BA0011971	COUPLING LINK
BA0027779	NEEDLE VALVE, KEN MAC, 6000 PSI	BA0062419	NEEDLE VALVE
BA0027780	NEEDLE VALVE	BA0062420	NEEDLE VALVE, 6000 PSI
BA0027782	SAFETY VALVE,HALE HAMILTON, 1" BSPP MALE	BA0042879	PRESSURE SAFETY VALVE
BA0027784	SOLENOID FOR VERSA VALVES,EX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027787	GLAND PG 13,5 BLUE (EXI)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027810	PRESSURE TRANSMITTER	BA0050822	PRESSURE TRANSMITTER
BA0027815	RUBBER BUFFER	BA0066768	RUBBER BUFFER
BA0027819	CONNECTOR, STUD ELBOW 6-2C4OMXS	BA0012449	CONNECTOR, STUD ELBOW 12-8C4OMXS
BA0027830	PRESSURE TRANSMITTER,EEXD/I	BA0050822	PRESSURE TRANSMITTER
BA0027857	CABINET, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027858	2X CABINET WALL, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027875	MEMORY EXPANSION FOR PG720/720C	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027876	DOCUMENTATION FOR M7-SYS SYSTEMS SW.F	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027877	TECHN.OVERVIEW M7,PROGRAMMABLE LOG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027878	HOSEBUNDLE W/ PROTECTOR FOR GATEL.RN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027882	CPU 486-3, CENTRAL PROCESSING UNIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027894	POWER SUPPLY	BA0071290	POWER SUPPLY FOR PLC
BA0027897	CAP SCREW, DACROMET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027900	BLADDER ACCUMULATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027901	HYDRAULIC CYLINDER W/P(>&<)G SENSOR,DRWG 8034822	BA0079067	HYDRAULIC CYLINDER W/BALLUFF SENSOR,DRWG 1106065
BA0027922	SWING GEAR, DRWG. 690 1 1219 4	BA0087542	SWING GEAR
BA0027923	OPERATOR CONTROL PANEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027948	2X CABINET WALL	BA0050841	SIDE WALL FOR CABINET(2 ea in package)
BA0027949	CABINET	BA0055388	CONTROL CUBICLE 1800X800X400
BA0027961	SHUT OFF VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027966	ELECTRIC MOTOR, EEXDE II BT4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027977	SOCKET CAP SCREW LOW HEAD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027985	HABONIM BALL VALVE W/PNEUMATIC ACTUATOR SPRINGR	BA0065381	1 1/4" BALL VALVE W/ACTUATOR, SS316.
BA0027989	2X8MB 3,3V EDO RAM MEMORY CARD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0027990	REPEATER FOR PROFIBUS	BA0028024	SINEC L2 BUS REPEATER
BA0028002	CASTING FOR GUIDE FUNNEL CLAMP PLATE	BA5025129	GUIDE FUNNEL CLAMP RING, MACHINED
BA0028003	CASTING FOR GUIDE FUNNEL CLAMP PLATE	BA5025129	GUIDE FUNNEL CLAMP RING, MACHINED
BA0028054	AXLE	BA0027114	AXLE
BA0028055	HEX HEAD SCREW HOT DIP GALV.	BA0039249	HEX HEAD SCREW
BA0028061	HEX HEAD SCREW	BA0038249	HEX HEAD BOLT
BA0028071	SEAL KIT FOR CYLINDER, 619-36	BA0024217	SEAL KIT FOR CYLINDER 452-84B
BA0028073	BUSHING OIL BRONZE	BA0010937	SLEEVE BUSHING OIL BRONZE
BA0028075	SPHERICAL BEARING	BA0010926	BEARING
BA0028082	JUNCTION BOX	BA0056560	JUNCTION BOX, MAX 46 TERMINALS, LEFT HINGED

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0028090	CABLE (072482)	BA0095605	CABLE
BA0028092	ELECTRIC MOTOR	BA0061857	ELECTRIC MOTOR
BA0028093	FUSE	BA0033039	FUSE
BA0028099	INDICATOR LIGHT(RED),COMPL,3MTR CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028105	MUSHROOM PUSHBUTTON,BL,1NO,3M CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028106	PRESSURE TRANSMITTER, EEXD/I	BA0051523	PRESSURE TRANSMITTER, EExd/i
BA0028129	SOLENOID SELECTOR VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028134	SOLENOID PILOT VALVE	BA0050384	4/2 DIR.VALVE, EL/SPRING (EX)
BA0028135	(PAAM0600) PROPORTIONAL SOLENOID VALVE	BA0050405	PROPORTIONAL SOLENOID VALVE ATEX
BA0028137	PROPORTIONAL SOLENOID VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028140	SQUIRREL CAGE MOTOR, 370 kW.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028141	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028142	ELECTRIC MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028147	PRESSURE REGULATOR G1/2" BSP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028164	PRESSURE GAUGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028204	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028205	ELECTRIC MOTOR, EEXDE II BT4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028208	COMPL.AJUSTABLE RUBBER GUIDE FUNNEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028210	SRKB WASHER	BA0047538	WASHER
BA0028234	POLYMER GS JETCLEANER FOR PIPES	BA0055255	RENSEPROSJEKTILER FOR RØR
BA0028248	DRIVE RACK	BA0026172	TOOTH RACK M=10 (60X60)L=1507,96
BA0028253	FILTER ELEMENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028256	TRANSPORT BOX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028258	STUD TRACK ROLLER	BA0069937	STUD TYPE TRACK ROLLER ASSEMBLY
BA0028262	HYDRAULIC PISTON PUMP,PRESS.COMP.	BA0036192	HYDRAULIC PISTON PUMP PRESS.COMP.
BA0028268	SHUT OFF VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028271	POTENTIOMETER CONVERTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028272	SAFETY BARRIER POT.METER WITH RESISTANCE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028276	PRESSURE SWITCH W/JUNCTION BOX	BA0052130	PRESSURE SWITCH W/JUNCTION BOX
BA0028278	FILTER REGULATOR C25	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028279	LUBRICATOR C25	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028295	PILOT OPERATED VALVE	BA0066009	DIRECTIONAL CONTROL VALVE
BA0028325	LINE MEASURE IMPELLER W/EEXI TRANSF.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028357	SWITCH CARTRIDGE, 1 NC,3 MTR.CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028369	CABINET SOCKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028370	JOYSTICK W/POTM.AND SWITCH ,EEX d IIC T6	BA0063268	JOYSTICK W/POT.METER AND PARK POSITION
BA0028377	WASHER HOT DIP GALV	BA0038640	WASHER
BA0028378	HEX HEAD SCREW HOT DIP GALV.	BA0038217	HEX HEAD BOLT
BA0028379	PUSH BUTTON,IP65, 1 NO,3 MTR.CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028380	03-5415-0211+05-0010-0110+07-X+X	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028411	JUNCTION BOX	BA0056563	JUNCTION BOX MAX 150 TERMINALS LEFT HINGED
BA0028438	OPERATOR PANEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028453	REFERENCE MANUAL STEP 7	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028469	GLASS DOOR W/SAFETY GLASS, FOR PS/ES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028471	MOUNTING PLATE FOR CABINET,MIDDLE PIECE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028477	DIRECTIONAL VALVE,EL. OPERATED W/M.PLATE	BA0052172	3/2 DIR.VALVE EL/SPRING
BA0028500	FLANGE, SPLIT CLAMP PAIR	BA0024909	FLANGE, SPLIT CLAMP PAIR
BA0028506	WIRESHV 1 5/8" WIRE 60" DIA.NORM.TYPE	BA0087424	WIRE SHEAVE MACHINED,FORGED AND WELDED
BA0028507	WIRESHV 1 5/8" WIRE,60" DIA. LIGHT TYPE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028512	HEX.COUNTERSUNK SCREW	BA0039756	COUNTERSUNK SCREW
BA0028513	ELECTRIC MOTOR, EEXDE IIBT4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0028514	ELECTRIC MOTOR, EEXDE IIBT4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028523	SET SCREW	BA0039476	SET SCREW
BA0028550	RING JOINT GASKET-OVAL/OCTAGONAL	BA0043227	RING JOINT GASKET FOR 1 1/4" FLANGE
BA0028553	DOOR FOR PS 4606 CABINET	BA0047387	DOOR FOR TS 8806.600, 800X2000X600
BA0028563	HOLDING RING, SS	BA0010150	CONNECTOR, SLEEVE
BA0028564	CONNECTOR, NUT	BA0010149	CONNECTOR, NUT
BA0028577	CONNECTOR, REDUCER STRAIGHT	BA0151421	CONNECTOR, REDUCER STRAIGHT
BA0028579	TIME COUNTER	BA0057542	TIME COUNTER 7 KT 5504, 60 HZ, 230 VOLT, TIME COUNTER.
BA0028596	SWING GEAR, DRWG.690 4 0798 2(SAEB2 HOLE	BA0054091	DRIVE GEARBOX
BA0028597	ELECTRICAL CABLE DUCT (LIGHT GREY)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028598	CABLE DUCT W/COVER, RAL 7035 LIGHT GREY	BA0088387	CABLE DUCT W/COVER, RAL 7035 LIGHT GREY
BA0028613	SAFETY LINCH PIN, COLD GALV.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028615	TENSION SPRING	BA0096244	TENSION SPRING
BA0028630	HYDR.HOSE PACK.FOR HYDR.ROUGHNECK.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028631	HYDR.HOSE PACK.FOR HYDR.ROUGHNECK.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028638	GEAR, DRWG.490 1 1280	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028648	CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028653	PIPE PROTECTION FOR LOAD CELL PIN, RAL 3002	BA5027467	PIPE PROTECTION FOR LOAD CELL PIN, RAL 3002
BA0028654	PIPE PROTECTION FOR LOAD CELL PIN	BA5027472	PIPE PROTECTION FOR LOAD CELL PIN, RAL 3002
BA0028660	CPU CARD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028681	LAN CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028717	BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028721	SOLENOID , EEX ME II T6	BA0050386	SOLENOID 24VDC
BA0028731	LOGO MEMORY MODULE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028763	QUICK-ACTION COUPLING, CAP	BA0028763	QUICK-ACTION COUPLING, CAP
BA0028764	QUICK-ACTION COUPLING, PLUG	BA0028764	QUICK-ACTION COUPLING, PLUG
BA0028785	CABINET LIGHT W/SOCKET/MOTION DET.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028812	VALVE ATOS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028833	SEAL KIT FOR HYDR.MOTOR	BA0094323	SEAL KIT FOR HYDR.MOTOR
BA0028863	BATTERY FOR MOBILE PHONE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028873	TEMPERATURE TRANSMITTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028874	ELEMENT FOR TRANSMITTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028918	EMPTY MODULE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028926	DOWTY SEAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028928	HYDR. MOTOR W/SPECIAL FLANGE & SPLINE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028932	CPU CARD VME	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028951	EMERGENCY STOP,2 X INC, 3 MTR CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028952	07-2320-0307/4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028953	PUSH BUTTON W/LIGHT 24VDC ,3 M CABLE	BA0047762	PUSH BUTTON W/LIGHT 24VDC ,3 M CABLE
BA0028954	PUSHBUTTON W/LIGHT (GREEN) 3 MTR.CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028955	PUSHBUTTON IP65,RED,CPL.1 NC,3 MTR CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028957	ASSEMBLY KIT FOR POPPET VALVE V10	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028959	ELECTRIC MOTOR, EEXDE IIB,T4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028962	CONNECTOR MALE/MALE-NPT/BSP	BA0059936	CONNECTOR, ADAPTER
BA0028971	ELECTRIC MARINE MOTOR,IP 55	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028971-01	ELECTRIC MARINE MOTOR,IP 55	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0028982	KEYBOARD, AST	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029000	HEX HEAD BOLT	BA0038185	HEX HEAD BOLT
BA0029018	ISOLATION AMPLIFIER+SOCKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029023	BATTERY, 1000 MAH LI-LION (LITHIUM)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029028	MAH LIM SLIM BATTERY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0029042	SUCTION FILTER COMPLETE	BA0099687	SUCTION ELEMENTS
BA0029051	DIGITAL OUTPUT MODULE (32CH)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029052	BACK PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029053	BACK PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029054	ANALOG OUTPUT MODULE (8CH)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029071	REDUCER FLANGE	BA0046458	FLANGE REDUCER, RETAIN RING SYSTEM
BA0029092	SOCKET CAP SCREW	BA0041956	SOCKET CAP SCREW
BA0029127	PROPORTIONAL CONTROL VALVE	BA0049335	PROPORTIONAL CONTROL VALVE WITH MUD RESISTANT CABLE
BA0029186	RING SCREW AISI 316	BA0130247	EYE BOLT SF316 TREADED 100x10MM
BA0029215	CONNECTOR, SWIVEL STUD STRAIGHT	BA0028696	CONNECTOR, SWIVEL STUD STRAIGHT
BA0029219	PNEUM. VALVE F/ MECH.ACTUATOR,HAND OPER.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029221	HUB FOR ABB MOTOR	BA0037284	HUB FOR ABB MOTOR
BA0029224	GLASS DOOR W/SAFETY GLASS, FOR PS/ES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029226	WALL BRACKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029249	TEST MANOMETER	BA0019681	TEST GAUGE
BA0029262	SUPERSTACK II HUB	BA0069340	3COM SWITCH 4210 26 PORTS
BA0029288	CONNECTOR	BA0054308	CONNECTOR, TEST COUPLING
BA0029298	ELECTRIC MOTOR, EEXDE IIB T4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029299	ELECTRIC MOTOR, EEXDE IIB T4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029302	ELECTRIC MOTOR, EEXDE IIB T4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029303	ELECTRIC MOTOR, EEXDE IIB T4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029318	FLANGE, BLIND	BA0150194	FLANGE, BLIND
BA0029334	HYDRAULIC HOSE, COMPLETE	BA0029333	HYDRAULIC HOSE COMPLETE
BA0029339	RUBBER BUFFER -WAMPFLER	BA0033142	RUBBER BUFFER WAMPFLER
BA0029340	SIMMERRING W/S.S. SPRING	BA0028683	SIMMERRING W/S.S. SPRING
BA0029341	SIMMERRING W/S.S. SPRING	BA0021533	SIMMERRING W/S.S. SPRING
BA0029380	STORAGE BAG, TIGHT W/ZIPPER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029403	INDUSTRIAL RELAY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029412	mitsubishi MELSEC ANALOG INPUT MODULE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029413	HYDAC ELECTRONIC INSTRUMENT	BA0175354	HYDAC PORTABLE DATA RECORDER, KIT
BA0029419	SWITCHING AMPLIFIER, 20-28V DC	BA0065163	ISOLATING SWITCHING AMPLIFIER
BA0029423	DERRICK MAN'S CABIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029424	ASSISTANT DRILLER'S CABIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029460	CARTRIDGE PROPORTIONAL VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029461	CARTRIDGE PROP. VALVE, LEFT HAND	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029497	FLANGED BUSHING	BA0057869	FLANGED BUSHING
BA0029506	SWITCH CARTRIDGE,1 NC, 7 MTR.CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029515	TYPE CP5412 COMMUNICATION PROCESSOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029517	HEX HEAD SCREW, HOT DIP GALV.	BA0039281	HEX HEAD SCREW
BA0029521	HYDRAULIC HOSE COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029535	FLANGE	BA0013042	FLANGE,STANDARD SAE 3000
BA0029542	FUSE	BA0032080	FUSE
BA0029560	HYDRAULIC CYLINDER W/P<(>&<)>G SENSOR DRWG 624-53	BA0050102	HYDRAULIC CYLINDER W/P<(>&<)>G SENSOR ICS100 DRWG 00258
BA0029567	DERRICK MAN'S CABIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029568	UNIT FOR 4 EXITS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029571	57-5412 WITH NT.SOFTWARE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029594	HYDRAULIC PILOT HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029597	STANDARD BATTERY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029613	SET OF ADAPTER FLANGES	BA0037485	FLANGE WITH 3/8" BSPP PORT, SERIES C15
BA0029639	BALL VALVE	BA0119302	BALL VALVE
BA0029653	HONA CYLINDER PIPE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0029719	CPU- UNIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029753	BATTERY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029805	POT.METER INCL.POS.MEASUREMENT WIRE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029827	JUNCTION BOX	BA0056554	JUNCTION BOX MAX 27 TERMINALS LEFT HINGED
BA0029828	JUNCTION BOX	BA0056554	JUNCTION BOX MAX 27 TERMINALS LEFT HINGED
BA0029829	HOSE PROTECTOR	BA0113545	HOSE PROTECTOR
BA0029833	CC SCHLEPPFLEX CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029837	PNEUMATIC CYLINDER IN ALUMINIUM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029848	LUBE NIPPLE	BA0042956	LUBE NIPPLE
BA0029851	HEX HEAD SCREW	BA0039152	HEX HEAD SCREW
BA0029853	HYDR.HOSE PACK.FOR HYDR.ROUGHNECK.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029863	SEAT RING UPPER 3.1/1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029869	WIRE SHEAVE, Ø1200/1320, R=23,5 567KN	BA5221791	SINGLE 52" WIRE SHEAVE, 1 3/4" WIRE, DNV, RED RAL 3002 CARMINE RED
BA0029870	ELECTRIC MOTOR, EEXDE II BT4, IP56	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029878	VALVE FOR LOKOMEK BLOCK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029969	VALVE FOR LOKOMEK BLOCK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029970	VALVE FOR LOKOMEK BLOCK	BA0085917	VALVE FOR LOKOMEK BLOCK
BA0029975	VALVE FOR LOKOMEK BLOCK	BA0050383	4/2 DIR.VALVE, EL/EL DETENT (EX)
BA0029979	SEAL KIT FOR CYLINDER, 621-47	BA0011577	SEAL KIT FOR CYLINDER
BA0029981	VALVE FOR LOKOMEK BLOCK (SUHY0651)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029983	VALVE FOR LOKOMEK BLOCK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0029987	VALVE FOR LOKOMEK BLOCK	BA0074665	THROTTLE VALVE NG30*
BA0029991	VALVE FOR LOKOMEK BLOCK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0030018	ELEMENT FOR INDICATOR LIGHT W/3 MTR.C.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0030027	TACO GENERATOR EX	BA0051407	TACO GENERATOR EX
BA0030038	CONNECTOR, NUT	BA0010126	CONNECTOR, NUT
BA0030039	SLEEVE FOR 30 MM TUBE, SS	BA0010127	CONNECTOR, SLEEVE
BA0030040	PLUG IN HEX. W/O-RING, SS	BA0070242	CONNECTOR, BLANKING END
BA0030041	PLUG IN HEX. W/O-RING, SS	BA0070239	CONNECTOR, BLANKING END
BA0030044	ELECTRIC MARINE MOTOR, IP 56	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0030061	ELECTRIC MARINE MOTOR, EXNA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0030067	CONNECTOR, TEE ADAPTER	BA0151029	CONNECTOR, TEE ADAPTER
BA0030076	CONTACT ELEMENT W/POSITIVE BRAKE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0030082	BACK UP RING FOR KELLY VALVE 15000PS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0030085	LIGHTING TRAY (comes in length of 3 meters)	BA0068116	CABLE TRAY
BA0030091	BALL BEARING SWIVEL	BA0019107	BALL BEARING SWIVEL 12,5T
BA0030108	O-RING	BA0151355	O-RING
BA0030118	PUSH BUTTON W/ 7 MTR. CABLE, 1NO	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0030119	LAMP, GREEN W/7MTR CABLE, 24VDC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0030120	LAMP, YELLOW W/7MTR CABLE, 24VDC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0030121	PUSH BUTTON W/LIGHT AND 7 MTR CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0030163	ELECTRIC MOTOR	BA0085168	EL. MOTOR HOYER- MARINE MS 132M 60Hz alu IP 55 50 grd. C
BA0030171	SENSOR POCKET FOR REGULATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0030234	HOSE PROTECTOR	BA0113546	HOSE PROTECTOR
BA0030235	HOSE PROTECTOR	BA0113540	HOSE PROTECTOR
BA0030236	HOSE PROTECTOR	BA0113541	HOSE PROTECTOR
BA0030237	HOSE PROTECTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0030282	WEAR PAD NYLATRON GSM	BA0012800	WEAR PADS
BA0030283	WEAR PAD NYLATRON GSM	BA0014263	WEAR PADS
BA0030306	AXLE FOR FASTLINE WIRE GUIDE	BA0042088	AXLE COUNTER BAL.WIRE GUIDE
BA0030311	SOCKET CAP SCREW	BA0041951	SOCKET CAP SCREW

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0030313	JUNCTION BOX	BA0056554	JUNCTION BOX MAX 27 TERMINALS LEFT HINGED
BA0030314	JUNCTION BOX	BA0056557	JUNCTION BOX MAX 43 TERMINALS LEFT HINGED
BA0030315	JUNCTION BOX	BA0056559	JUNCTION BOX MAX 46 TERMINALS LEFT HINGED
BA0030341	FLANGE BEND, 90 DEGR.	BA0060176	FLANGE ELBOW, RETAIN RING SYSTEM
BA0030368	JUNCTION BOX, MH 3597-084	BA0056559	JUNCTION BOX MAX 46 TERMINALS LEFT HINGED
BA0030369	JUNCTION BOX, MH 3597-084	BA0056559	JUNCTION BOX MAX 46 TERMINALS LEFT HINGED
BA0030382	CONNECTOR, GAUGE ADAPTER	BA0150816	CONNECTOR; GAUGE ADAPTER
BA0030383	TRANSFORMER 440V/230V, 500VA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0030391	OPERATOR PANEL/J.B., RISER TENSIONER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0030416	JUNCTION BOX, MH 3597-083	BA0056554	JUNCTION BOX MAX 27 TERMINALS LEFT HINGED
BA0030417	JUNCTION BOX, MH 3597-082	BA0056554	JUNCTION BOX MAX 27 TERMINALS LEFT HINGED
BA0030418	JUNCTION BOX, MH 3597-082	BA0056554	JUNCTION BOX MAX 27 TERMINALS LEFT HINGED
BA0030419	JUNCTION BOX, MH 3597-081	BA0056561	JUNCTION BOX MAX 124 TERMINALS LEFT HINGED
BA0030427	CONNECTOR, BULKHEAD STRAIGHT	BA0010750	CONNECTOR, BULKHEAD STRAIGHT
BA0030428	CONNECTOR, BULKHEAD STRAIGHT	BA0010751	CONNECTOR, BULKHEAD STRAIGHT
BA0030429	CONNECTOR, BULKHEAD STRAIGHT	BA0010752	CONNECTOR, BULKHEAD STRAIGHT
BA0030448	LHS AND RHS FINGERBOARDS AMETHYST RIGS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0030451	UNIVERSAL RELAY 11-PIN	BA0029049	UNIVERSAL RELAY WITHOUT BASE
BA0030452	EM.STOP MUSH.SWITCH, IP65, 2 X POS.BREAK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0030480	JUNCTION BOX, MH 4010-611	BA0056559	JUNCTION BOX MAX 46 TERMINALS LEFT HINGED
BA0030481	JUNCTION BOX, MH 4010-611	BA0056559	JUNCTION BOX MAX 46 TERMINALS LEFT HINGED
BA0030482	JUNCTION BOX, MH 4010-611	BA0056559	JUNCTION BOX MAX 46 TERMINALS LEFT HINGED
BA0030483	JUNCTION BOX, MH 4010-611	BA0056559	JUNCTION BOX MAX 46 TERMINALS LEFT HINGED
BA0030524	DIFFERENTIAL PRESS.TRANSMITTER	BA0051527	DIFFERENTIAL PRESS.TRANSMITTER
BA0030546	HYDRAULIC PISTON MOTOR	BA0061578	HYDRAULIC PISTON MOTOR
BA0030550	PLC CPU 315	BA0093235	SIMATIC S7-300 CPU 314
BA0030571	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0030572	ELECTRIC MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0030588	SEAL KIT FOR GEAR HTLS 150	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0030589	SEAL KIT FOR GEAR HTLS 254	BA0053409	SEAL KIT FOR GEAR HTLS-254/690104399
BA0030608	JAW 3 1/2" DP - 9 1/2" DC, COMPLETE	BA0050858	JAW COMPLETE STD.HRN MK-1
BA0030616	MOUNTING KIT FOR SWING FRAME,SMALL FRAME	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0030649	FERRULE	BA0037669	FERRULE
BA0030651	FERRULE	BA0051566	FERRULE
BA0030656	LOW PRESS. FILTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0030667	DOCUMENTATION FOR M7-SYS ,IN ENGLISH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0030679	JUNCTION BOX	BA0056558	JUNCTION BOX, MAX 46 TERMINALS, LEFT HINGED
BA0030692	EXTENSION SCREW FOR APR 2	BA0032845	STACKING BOLT
BA0030693	EXTENSION SCREW FOR APR 3	BA0032846	STACKING BOLT
BA0030704	AIR CONDITIONING W/FAN, 460V, 60HZ	BA0099905	AIR CONDITIONING UNIT
BA0030747	JUNCTION BOX, MH 3754-031	BA0056557	JUNCTION BOX MAX 43 TERMINALS LEFT HINGED
BA0030748	JUNCTION BOX, MH 3754-031	BA0056557	JUNCTION BOX MAX 43 TERMINALS LEFT HINGED
BA0030749	JUNCTION BOX, MH 3754-031	BA0056557	JUNCTION BOX MAX 43 TERMINALS LEFT HINGED
BA0030757	ROTARY SELECTOR SWITCH MAN.OPERATED	BA0092674	12 POSITION MANUEL PNEUMATIC SWITCH
BA0030785	JUNCTION BOX, MH 4010-611	BA0056559	JUNCTION BOX MAX 46 TERMINALS LEFT HINGED
BA0030786	JUNCTION BOX, MH 4010-611	BA0056559	JUNCTION BOX MAX 46 TERMINALS LEFT HINGED
BA0030787	JUNCTION BOX, MH 4010-611	BA0056559	JUNCTION BOX MAX 46 TERMINALS LEFT HINGED
BA0030788	JUNCTION BOX, MH 4010-611	BA0056559	JUNCTION BOX MAX 46 TERMINALS LEFT HINGED
BA0030795	RUBBER BUFFER	BA0026984	RUBBER BUFFER
BA0030801	FILTER ELEMENT BRANDED	BA0086435	FILTER ELEMENT STAT-FREE
BA0030803	GEAR,SAE C2/4 20 DG.6 PL. EXENTR.FLANGE	BA0071348	GEAR 151,5:1-M18/Z10/B138-SAE C 2/4 HOLE

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0030828	BOLT FOR DDM TORQUE WRENCH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0030831	OPERATOR PANEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0030869	VALVE	BA0020560	VALVE TWIST LEVER
BA0030870	LOGICAL ELEMENT,"OR"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0030874	CABINET FOR HEATING, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0030875	CABINET FOR HEATING, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0030908	SPRING, ARBOR TR/TL 45709 RECREEL	BA0054762	SPRING ARBOR WITH DOWEL PIN SPIROL FOR TECREEL-375
BA0030932	CPU 416-2 DP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0030936	CPU CARD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0030953	CONTROL SYSTEM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0030976	AC SERVICE SOCKET, DIN RAIL MOUNT	BA0026082	MODULAR CONTACT
BA0030980	BACK UP BATTERY (MITSUBISHI)	BA0054003	BATTERY FOR PLC MITSUBISHI
BA0030990	SHUT OFF VALVE	BA0061236	BALL VALVE
BA0030996	LEVEL GAUGE FOR OIL TANK HPU	BA0081943	LEVEL GAUGE FOR OIL TANK HPU
BA0031019	HIGH PRESSURE HOSE ASSY.	BA0085833	AIR HOSE FOR TOP MONT. COMP.
BA0031049	INSTRUCTION SET, SIMATIC S7-300(315 CPU)	BA0032299	INSTRUCTION SET, SIMATIC S7-300(315 CPU)
BA0031061	SEAL KIT FOR 2" BALL VALVE,MAN.OP.	BA0031206	REPAIR KIT FOR 2" BALL VALVE
BA0031118	BATTERY FOR MOBILE PHONE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031124	FOR DMC AND ADC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031141	AIR CONTITIONING IN CABIN/AMETHYST	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031154	CRANE CABIN FALCON W/AIR CONDITION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031155	CABIN FOR GANTRY CRANE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031156	PRESSURE FILTER ELEMENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031158	PLASTIC WATER TANK FOR SPRINKLING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031169	MOUNTING SET FOR JOYSTICK/DMC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031187	BLANKING PLUG	BA0070265	CONNECTOR, PLUG
BA0031210	REPAIR KIT FOR H60 ACTUATOR	BA0066172	REPAIR KIT FOR HABONIM ACTUATOR
BA0031220	OPERATOR PANEL	BA0027163	COROS OP7/DP OPERATOR PANEL
BA0031240	COMPLETE UNIT FOR WATER SPRINKLING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031241	ROUGHNECK FRAME, HALF FABRICATE W/PARTS	BA1913335	ROUGHNECK FRAME, HALF FABRICATE W/PARTS
BA0031274	SWITCH CARTRIDGE, NO, 7 MTR.CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031278	RUBBER COMPENSATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031281	BATTERY FOR MOBILE PHONE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031289	O-RING W/SUPPORT.RING	BA0055781	O-RING WITH SUPPORT RING
BA0031290	WEAR RING	BA0055772	WEAR RING DRWG.A2406681
BA0031293	STUD	BA0055795	STUD
BA0031294	NUT	BA0055796	NUT M48
BA0031295	BUSHING	BA0055762	BUSHING
BA0031296	DIRT SCRAPER	BA0055774	DIRT SCRAPER
BA0031306	CAP SCREW	BA0055763	SCREWED COVER
BA0031307	PRESSURE PIECE	BA0055764	PRESSURE PIECE DRWG 2305012
BA0031311	INSERT COVER	BA0055770	INSERT COVER
BA0031312	BUSHING HOLDER	BA0055769	BUSHING FIXTURE
BA0031315	HIGH PRESSURE VALVE W/NUT	BA0089262	HIGH PRESSURE VALVE
BA0031316	SEAL FOR GEARING FRAME	BA0114650	SEAL FOR GEARING FRAME
BA0031317	STRAINER SCREEN	BA0055780	SCREEN INSERT
BA0031321	THREADED RING	BA0055771	THREADED RING DRWG.2101846
BA0031324	JUNCTION BOX (DEADLINE ANCHOR)	BA0056553	JUNCTION BOX W/EARTH BAR SCREWED LOCK MAX 20 TERMINALS
BA0031326	ELECTRIC MARINE MOTOR W/FOOT AND FLANGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031327	ELECTRIC MARINE MOTOR W/FOOT AND FLANGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031340	TENSILE LOADCELL W/CABLE AND HOSE, ANALOG	BA0037463	TENSILE LOADCELL W/CABLE AND HOSE ME00851

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0031346	CONTROL PANEL PLATE, SS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031347	ENGRAVED TOP PLATE FOR CONTROL PANEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031366	HOSE PACKAGE FOR DERRICK MAN CABIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031367	HOSE PACKAGE FOR ASSISTANT DRILLER CABIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031398	BUSHING	BA0019515	BUSHING
BA0031412	ASS.DRILLER CABIN W/WATER UNIT, 4 OUTLETS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031413	CRANE CABIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031417	BLIND, ROOF WINDOW DIM.:0844X1592	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031418	BLIND, SIDE WINDOW DIM.:0980X1000	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031421	BLIND, FRONT WINDOW DIM.:1300X1000	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031422	W/SPRING RET.,ROOF WINDOW DIM.:1340X0850	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031491	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031494	KEY SWITCH, EEXDE IIC T6, 1 C/O	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031522	SPARE BALL FOR 2" BALL VALVE	BA0065212	SPARE BALL FOR 2" BALL VALVE
BA0031525	INCREMENTAL ENCODER	BA0042437	INCREMENTAL ENCODER
BA0031556	PLUG IN HEX. W/O-RING, SS	BA0070241	CONNECTOR, BLANKING END
BA0031582	HYDR.HOSE PACK.FOR HYDR.ROUGHNECK.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031583	HYDR.HOSE PACK.FOR HYDR.ROUGHNECK.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031584	RING SCREW, HOT DIP GALV.	BA0067984	LIFTING EYEBOLT WLL 1.8T
BA0031585	PIPE RACK CABIN W/PNEUM.FLUSHER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031594	ELECTRIC MARINE MOTOR, EEXDE IIB,T4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031596	GEAR RACK FOR GANTRY CRANE	BA0046668	TOOTH RACK FOR GANTRY CRANE
BA0031618	PLUG WITH NUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031619	PLUG WITH NUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031620	WASH PIPE ASSY. COMPL.	BA0048674	WASH PIPE ASSY. COMPL.W/KEVLAR GASKET
BA0031629	POWER SUPPLY 110V/50-60HZ	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031677	ADAPTER	BA0035731	MALE CONNECTOR
BA0031684	POT.METER W/KNOB	BA0060902	POTENTIOMETER 5KOHM
BA0031692	GE MEASURE COUPLING, PRESSURE GAUGE/CONNECTION TEST	BA0050798	MINIMESS G1/4"+KAP RVS 316/VITON
BA0031717	COVER FOR M24-12HE POWER SUPPLY	BA0068207	POWER SUPPLY UNIT, 2X 24V 12A
BA0031718	SOCKET CAP SCREW	BA0074831	SOCKET CAP SCREW
BA0031727	MACHINED SKATE PLATE, MTR.MARCOT T100G	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031729	EEXD SWITCH,3 POS,STAY,7MTR CABLE,IP65	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031730	EEXD SWITCH 2 POS,STAY+7 MTR CABLE,IP65	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031731	EEXD SWITCH,3POS W/SP.RET.7MTR CABL,IP65	BA0054343	EEXD SWITCH 3POS W/SP.RET.8MTR CABL IP65
BA0031741	WITH ENGRAVED ANODIZED TOP PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031749	PUMP GRACO PRESIDENT 46 : 1	BA0082762	PNEUMATIC GREASE PUMP CM RAM, 38:1, 0 VOLT, S20, 20L
BA0031752	GRACO FLUID FILTER, HIGH PRESSURE	BA0030526	GRACO FLUID FILTER, HIGH PRESSURE
BA0031782	PAL NUT, MATR. 1.4310	BA0096328	PAL NUT
BA0031800	AIR FLEX BRAKE W/CORK LINING	BA0026782	AIR FLEX BRAKE W/CORK LINING
BA0031804	AIR CONDITIONING UNIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031826	FOR OIL COOLER, HPU PTD-500-AC	BA0053439	FAN FOR OIL COOLER
BA0031862	CELL BUFFER	BA0042219	CELLULAR BUFFER
BA0031878	EXTENDED BATTERY FOR MOBILE PHONE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031895	HYDRAULIC HOSE COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031911	HEX HEAD SCREW HOT DIP GALV.	BA0038216	HEX HEAD BOLT
BA0031912	NUT HOT DIP GALV	BA0038018	HEX NUT
BA0031917	ELECTRIC MOTOR, EEXDE II BT4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031924	ELECTRIC MOTOR, EEXDE II B T4,	BA0075924	ELECTRIC MOTOR, EXDE IIB T4
BA0031932	CONNECTOR SCREW IN F48F	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0031944	FERRULE	BA0098615	FERRULE

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0031950	TEST POINT CONNECTION	BA0055190	CONNECTOR, GAUGE ADAPTER
BA0031951	TEST POINT CONNECTION	BA0055191	CONNECTOR, GAUGE ADAPTER
BA0031952	TEST POINT CONNECTION	BA0055192	CONNECTOR, GAUGE ADAPTER
BA0032038	FLAT IRON, LENGTHWISE PERFORATED	BA0032035	FLAT IRON LENGTHWISE PERFORATED
BA0032040	FLAT IRON, CROSSWISE PERFORATED	BA0032037	FLAT IRON, LENGTHWISE PERFORATED
BA0032076	SEAL KIT FOR HYDRAULIC CYLINDER	BA0034284	SEAL KIT FOR HYDRAULIC CYLINDER
BA0032077	SEAL KIT FOR HYDR.CYLINDER, 616-76	BA0030837	SEAL KIT FOR CYLINDER 616-76
BA0032082	4/3 PROP. DIRECTIONAL VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032118	DIRECT OPER.PRESSURE ELEMENT	BA0036507	PRESSURE RELIEF VALVE
BA0032131	SEAL KIT FOR HYDRAULIC CYLINDER	BA0033995	SEAL KIT FOR HYDRAULIC CYLINDER
BA0032145	SEAL KIT FOR BINI SWIVEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032174	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032194	DRILLERS CONTROL ROOM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032240	HEX HEAD SCREW HOT DIP GALV	BA0038281	HEX HEAD BOLT
BA0032242	HYDRAULIC HOSE COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032277	THERMOSTAT	BA0023287	THERMOSTAT FOR FAN
BA0032283	SWING GEAR W/PINION 632188492	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032287	CONVERTER, 110V AC/ 110V DC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032293	HEX HEAD BOLT	BA0039222	HEX HEAD SCREW
BA0032318	PROP.PRESS. VALVE, ELECTR/HYDR.OPERATED	BA0028300	PROP.VALVE, HYDRAULIC OPERATED
BA0032342	SET OF TAG SIGNS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032343	SET OF TAG SIGNS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032344	SET OF TAG SIGNS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032345	SET OF TAG SIGNS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032346	SET OF TAG SIGNS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032347	RPM INDICATOR FOR HYDR.DDM	BA0072529	RPM INDICATOR, CLAMP RING
BA0032349	HYDRAULIC HOSE, COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032365	ISOLATION AMPLIFIER	BA0110988	ISOLATION AMPLIFIER mV/mA/V
BA0032372	TERMINAL BLOCK	BA0048567	TERMINAL BLOCK
BA0032373	TERMINAL BLOCK	BA0048566	TERMINAL BLOCK
BA0032378	SET OF TWO FOR MEMORY MODULE A3NMCA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032403	TEMPERATURE MONITOR, -20 TO +50 DEGR.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032459	SET SCREW	BA0039504	SET SCREW
BA0032460	IN HEX.COUNTER SUNK HEAD	BA0039754	COUNTERSUNK SCREW
BA0032471	INT.PRESSURE TRANSMITTER W/TAG SIGN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032515	HIRCHMAN PLUG FOR SHORT CIRCUIT VALVE	BA0060407	PLUG-IN CONNECTOR
BA0032536	SEAT COVER FOR SEAT/DERRICK MAN'S CABIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032542	POWER SUPPLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032548	CONNECTOR, SWIVEL WITH O-RING ELBOW	BA0032586	CONNECTOR, SWIVEL WITH O-RING ELBOW
BA0032551	SOCKET CAP SCREW	BA0040135	SOCKET CAP SCREW
BA0032563	PRESS.DIFF.LIMITER DSC 05-012619A3	BA0031020	PRESS.DIFF.LIMITER SETT. DIFF. = 15 BAR
BA0032585	MEASURING WIRE INCL POTMETER & TRANSM	BA0026029	MEASURING SENSOR W/CABLE WIRE<(>&<)>DUST WIPER
BA0032598	HEX HEAD SCREW, HOT DIP GALV.	BA0038304	HEX HEAD BOLT
BA0032600	CROWN BLOCK AND ROCKER ARMS, ENSCO	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032607	SEAL KIT FOR HYDR.CYLINDER, 616-81	BA0024217	SEAL KIT FOR CYLINDER 452-84B
BA0032620	KEY SWITCH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032629	LINK HANGER, COMPLETE MACHINED, FOR DDM-650L-RR RAL 3002 CARMINE RED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032647	DP/DP COUPLER	BA0051537	DP/DP COUPLER
BA0032654	WIRE BLOCK FOR MAN-RIDER WINCH	BA0046352	SNATCH BLOCK
BA0032676	NUT HOT DIP GALV	BA0038022	HEX NUT
BA0032677	WASHER HOT DIP GALV	BA0038644	WASHER

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0032680	LOOP POWERED LCD INDICATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032698	HEX HEAD SCREW HOT DIP GALV.	BA0038166	HEX HEAD BOLT
BA0032704	ELECTRIC MOTOR, EEXDE II BT4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032705	SEAL KIT FOR HYDR.TILT CYL. DRWG 609-15	BA0021924	SEAL KIT FOR CYLINDER 603-56
BA0032712	WIPER SYSTEM COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032713	NUT ELZ	BA0073565	HEX NUT
BA0032740	VALVE W/EXPLOSION PROOF SOLENOID	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032756	FRAM ALLOY CHAIN, SHORT LINKED, GRADE 80	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032776	POWER SUPPLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032781	SOCKET CAP SCREW	BA0040133	SOCKET CAP SCREW
BA0032795	HEX HEAD BOLT	BA0038269	HEX HEAD BOLT
BA0032815	SAFETY VALVE,HALE HAMILTON, 1" BSPP MALE	BA0072269	PRESSURE RELIEF VALVE W/FLANGE
BA0032820	HEX.COUNTERSUNK SCREW	BA0039746	COUNTERSUNK SCREW
BA0032828	UNIVERSAL RELAY, 11 PIN + BASE, 1.2-2W	BA0030449	UNIVERSAL RELAY 11 PINS + BASE
BA0032838	CONNECTOR, SWIVEL WITH O-RING ELBOW	BA0010154	CONNECTOR, SWIVEL WITH O-RING ELBOW
BA0032844	STACKING BOLT	BA0030691	STACKING BOLT
BA0032872	PARALLEL SHAFT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032874	WIPER ARM, PARALLEL	BA0074479	PARALLEL WIPER ARM 600MM
BA0032875	WIPER ARM, PARALLEL	BA0074478	PARALLEL WIPER ARM 700MM
BA0032877	AIR FILTER FOR CRANE CABIN	BA0056399	AIR FILTER FOR CRANE CABIN
BA0032880	WIPER VALVE W/BUTTON	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032881	BALL VALVE, 1"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032913	CLAMP, ASSEMBLY	BA0032912	CLAMP, ASSEMBLY
BA0032930	SEALKIT FOR GUIDELINE TENSIONER CYLINDER	BA0027507	SEAL KIT FOR R.T.CYLINDER
BA0032931	SEAL KIT FOR GUIDELINE TENSION ACCUMULATOR	BA0027506	SEAL KIT FOR ACCUMULATOR
BA0032932	POSITION MEASUREMENT	BA0095055	CIMSMART POSITIONING MEASUREMENT SYSTEM
BA0032940	FLOODLIGHT PROJECTOR W/FLUOR. TUBE	BA0068113	FLOODLIGHT W/HIGH PRESSURE SODIUM LAMP,RAL6003 PAINT ALUM.
BA0032942	LOCAL INSTRUMENT ROOM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032973	CONNECTOR, NUT	BA0010151	CONNECTOR, NUT
BA0032974	HOLDING RING, SS	BA0010148	CONNECTOR, SLEEVE
BA0032975	HOLDING RING, SS	BA0010152	CONNECTOR, SLEEVE
BA0032978	BOSCH WIPER MOTOR, 24V, 105'	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032979	BOSCH WIPER ARM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032981	WIPER ARM, PARALLEL, ROOF WINDOW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0032986	LAN CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0033021	AIR FILTER	BA0079262	AIR FILTER W/PRESS. REGULATOR
BA0033029	AHC CONTROL SYSTEM,COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0033063	FLANGED BUSHING BEARING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0033076	PRESSURE TRANSMITTER	BA0051525	PRESSURE TRANSMITTER
BA0033114	CHOKE (>&<) KILL MANIFOLD TAG NO.BI-33-0001	BA0033098	CHOKE(>&<)KILL MANIFOLD TAG NO.BI-33-0001
BA0033134	HANDPUMP W/5 LITRE TANK AND HANDLE	BA0069784	HAND PUMP WITH 5 LITRE TANK AND HANDLE
BA0033157	CONNECTION LINKS	BA5300270	CONNECTION LINKS DDM-650, COMPLETE, RAL 3002
BA0033168	SWITCH, RED, 2 POS.2 NO CONT. W/3M CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0033184	REDUCER FLANGE COMPLETE	BA0052038	FLANGE REDUCER, RETAIN RING SYSTEM
BA0033225	GEAR/SWIVEL FOR DDM-650-HY-L-RR-7500PSI	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0033285	TORQUE WRENCH FOR DDM 500/650L	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0033319	HYDRAULIC ROUGHNECK, MANUAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0033353	1336 IMPACT,VARIABLE SPEED AC DRIVE, PTD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0033417	HYDRAULIC CYLINDER DRWG 8212050, RAL 3002	BA0093987	HYDRAULIC CYLINDER DRWG. 75592, RAL 3002
BA0033418	DISPLAY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0033453	CONNECTOR, BULKHEAD STRAIGHT	BA0010754	CONNECTOR, BULKHEAD STRAIGHT

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0033454	CONNECTOR, BULKHEAD STRAIGHT	BA0010755	CONNECTOR, BULKHEAD STRAIGHT
BA0033468	CONNECTOR, TEE	BA0010767	CONNECTOR, TEE
BA0033469	CONNECTOR, TEE	BA0010671	CONNECTOR, TEE
BA0033470	CONNECTOR, TEE	BA0010675	CONNECTOR, TEE
BA0033483	CONNECTOR, STRAIGHT	BA0010647	CONNECTOR, STRAIGHT
BA0033484	CONNECTOR, STRAIGHT	BA0010641	CONNECTOR, STRAIGHT
BA0033486	CONNECTOR, STUD ELBOW	BA0010768	CONNECTOR, STUD ELBOW
BA0033499	I.S. BARRIER	BA0060456	UNIVERSAL TEMPERATURE CONVERTER
BA0033504	RECEPTACLE, PANEL MOUNTED, CRIMP	BA0033509	RECEPTACLE PANEL MOUNTED
BA0033593	SLOW FUSE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0033614	EMERGENCY STOP PUSH BUTTON- 2 NC/ELEMENT	BA0171476	EMERGENCY STOP PUSH BUTTON
BA0033618	MALE CONN-BSPP	BA0015129	UNION JIC-5 1/4"BSP
BA0033620	CONNECTOR, ADAPTER	BA0150988	CONNECTOR, ADAPTER
BA0033630	HYDRAULIC HOSE, COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0033631	HYDRAULIC HOSE, COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0033635	DOWEL PIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0033646	CABLE (072467)	BA0099112	CABLE
BA0033678	HEX HEAD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0033690	LUBRICATOR C4 1/4"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0033697	SIMATIC S7	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0033707	HYDRAULIC CYLINDER DRWG 8035050	BA0028183	HYDRAULIC CYLINDER DRWG 8035050
BA0033724	PLUG, IN-LINE, CABLE MOUNTED	BA0033732	PLUG, IN-LINE, CABLE MOUNTED
BA0033725	PLUG, IN-LINE, CABLE MOUNTED	BA0033733	PLUG, IN-LINE, CABLE MOUNTED
BA0033730	PLUG, IN-LINE, CABLE MOUNTED	BA0033722	PLUG, IN-LINE, CABLE MOUNTED
BA0033741	PLUG, IN-LINE, CABLE MOUNTED	BA0033735	PLUG IN-LINE CABLE MOUNTED
BA0033749	PRESSURE SWITCH.EXD W/4 M CABLE	BA0050697	PRESSURE SWITCH W/ 4 MTR. CABLE
BA0033756	TECREEL HOSE REEL, TYPE 375	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0033759	HEX.COUNTERSUNK SCREW	BA0039797	COUNTERSUNK SCREW
BA0033769	VALVE CONNECTOR MSVS FORM A (PG11)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0033791	6 1/2" LINER, COMPLETE W/SEAL	BA0055829	LINER 6 1/2" WITH SEAL
BA0033792	7 1/2" LINER COMPLETE W/SEAL	BA0055827	LINER 7 1/2" WITH SEAL
BA0033798	HYDRAULIC MOTOR, 70CM3, 210 BAR	BA0054188	HYDRAULIC MOTOR, 70CM3, 210 BAR
BA0033813	SOCKET CAP SCREW	BA0039991	SOCKET CAP SCREW
BA0033849	CPU 313 W/INT.24V DC POWER SUPPLY 12KB	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0033858	HEX HEAD SCREW	BA0038389	HEX HEAD BOLT
BA0033859	HEX HEAD SCREW	BA0038391	HEX HEAD BOLT
BA0033868	6" LINER COMPLETE W/SEAL	BA0055830	LINER 6" WITH SEAL
BA0033924	HYDRAULIC MOTOR, VOAC SAE D	BA0066203	HYDRAULIC MOTOR
BA0033930	HEX HEAD SCREW HOT DIP GALV.	BA0038204	HEX HEAD BOLT
BA0033933	PENNY & GILE POSITION SENSOR DRWG 631-75	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0033939	PRESSURE RELIEF VALVE, DUAL	BA0032486	PRESSURE REDUCER VALVE NG6 W/PLATE
BA0033946	HYDRAULIC SWIVEL FOR 650T PIPEHANDLER DDM	BA0057524	HYDR./AIR SWIVEL W/16 PORTS, ASSEMBLY RAL 3002
BA0033955	BATTERY FOR MOBILE PHONE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0033957	PRESSURE TRANSDUCER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0033968	FLANGE, FLAT FACE	BA0056462	FLANGE, ONE-PIECE CLAMP AND HEAD
BA0033996	CLAMP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034016	INSTRUMENT CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034017	CYLINDRIC DOWEL PIN	BA0041148	PARALLEL PIN
BA0034028	BALL VALVE	BA0029472	BALL VALVE
BA0034062	HYDRAULIC PISTON MOTOR, FIXED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034064	CABLE CONNECTION, COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0034066	HYDRAULIC HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034076	BREVINI GEAR WITH BRAKE AND MOTOR	BA0059436	BREVINI GEAR WITH BRAKE AND MOTOR
BA0034099	QMFC INTERFACE PANEL, MH 3572-032	BA0056560	JUNCTION BOX, MAX 46 TERMINALS, LEFT HINGED
BA0034114	LOWER SIDE WINDOW, COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034115	GLASS SEALING GLUE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034117	POSITION MEASUREMENT FOR RAMRIG CYLINDER	BA0095055	CIMSMART POSITIONING MEASUREMENT SYSTEM
BA0034118	POSITION MEASUREMENT FOR RAMRIG CYLINDER	BA0095055	CIMSMART POSITIONING MEASUREMENT SYSTEM
BA0034119	POSITION MEASUREMENT FOR RAMRIG CYLINDER	BA0095055	CIMSMART POSITIONING MEASUREMENT SYSTEM
BA0034120	POSITION MEASUREMENT FOR RAMRIG CYLINDER	BA0095055	CIMSMART POSITIONING MEASUREMENT SYSTEM
BA0034121	POSITION MEASUREMENT FOR RAMRIG CYLINDER	BA0095055	CIMSMART POSITIONING MEASUREMENT SYSTEM
BA0034122	POSITION MEASUREMENT FOR RAMRIG CYLINDER	BA0095055	CIMSMART POSITIONING MEASUREMENT SYSTEM
BA0034147	PRESSURE TRANSMITTER	BA0050824	PRESSURE TRANSMITTER
BA0034177	HEX HEAD SCREW	BA0038740	HEX HEAD SCREW
BA0034220	SEAL KIT FOR HYDRAULIC SWIVEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034221	REPAIR KIT FOR HYDRAULIC SWIVEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034251	PENNY & GILES POSITION SENSOR FOR CYL.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034273	SEAL KIT FOR HAWE PROP.VALVE	BA0051515	SEAL KIT FOR VALVE SECT. SIZE 5
BA0034282	SIGN JUNCTION BOX: INTRINSICALLY SAFE	BA0064661	IS WARNING SIGN
BA0034309	FLANGED BUSHING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034327	BLADDER ACCUMULATOR 50,0 LTR.HYDAC	BA0072860	BLADDER ACCUMULATOR
BA0034348-01	ENERGY CHAIN ASSY. 316L	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034354	PRESSURE TRANSMITTER W/BRACKET	BA0051532	PRESSURE TRANSMITTER W/BRACKET
BA0034355	PRESSURE TRANSMITTER W/BRACKET	BA0051533	PRESSURE TRANSMITTER W/BRACKET
BA0034356	PRESSURE TRANSMITTER W/BRACKET	BA0050831	PRESSURE TRANSMITTER W/BRACKET
BA0034357	PRESSURE TRANSMITTER W/BRACKET	BA0051507	PRESSURE TRANSMITTER W/BRACKET
BA0034372	CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034390	ADAPTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034413	WIPER ARM FOR FRONT WINDOW, PARALLEL	BA0024688	PANTOGRAPH WIPER ARM FOR FRONT WINDOW
BA0034421	CIRCUIT BREAKER, 4A-1P-C	BA0034414	CIRCUIT BREAKER 4A-1P-C
BA0034424	GEAR, DRWG. ???	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034471	PENNY & GILES POSITION SENSOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034472	PENNY & GILES POSITION SENSOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034473	PENNY & GILES POSITION SENSOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034474	PENNY & GILES POSITION SENSOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034475	PENNY & GILES POSITION SENSOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034476	PENNY & GILES POSITION SENSOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034505	CONNECTOR, STRAIGHT	BA0010106	CONNECTOR, STRAIGHT
BA0034511	CONNECTOR, ELBOW	BA0028562	CONNECTOR, ELBOW
BA0034515	CONNECTOR, STRAIGHT	BA0030261	CONNECTOR, STRAIGHT
BA0034528	HYDAC ELECTRONIC INSTRUMENT, COMPLETE	BA0175354	HYDAC PORTABLE DATA RECORDER, KIT
BA0034532	FRAMLOCK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034547	ELECTRIC MOTOR, EEXDE II BT4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034578	GRAPHIC OPERATOR PANEL	BA0068184	OPERATOR PANEL 6" MONOCHROME, LCD SCREEN
BA0034579	ADAPTER FOR GP-370L	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034580	FOR WINDOWS VER. 3.0. W/MANUALS	BA0061801	PROGRAM FOR PRO-FACE
BA0034608	PENNY & GILES POSITION SENSOR FOR CYL.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034642	OIL COOLER W/EL.MOTOR AND ANTISTATIC FAN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034648	MEASURING SENSOR W/CABLE,WIRE&DUST WIPER	BA0054346	MEASURING SENSOR W/CABLE WIRE<>DUST WIPER
BA0034660	SIGN FOR DRILLING CONTROL ROOM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034661	SIGN FOR DRILLING CONTROL ROOM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034662	SIGN FOR DRILLING CONTROL ROOM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0034663	SIGN FOR DRILLING CONTROL ROOM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034664	SIGN FOR DRILLING CONTROL ROOM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034665	SIGN FOR DRILLING CONTROL ROOM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034676	HYDR.HOSE PACK.FOR HYDR.ROUGHNECK.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034677	HYDR.HOSE PACK.FOR HYDR.ROUGHNECK.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034678	HYDR.HOSE PACK.FOR HYDR.ROUGHNECK.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034701	ISOLATION MAIN VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034754	NAMUR SENSOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034783	FILTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034784	FILTER ELEMENT COALESCER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034817	LOKOMEK VALVE BLOCK W/PROP. VALVES FOR AHC CYL	BA0077329	VALVE BLOCK, ACTIVE HEAVE COMP.
BA0034867	HYDRAULIC HOSE COMPLETE	BA0043723	HYDRAULIC HOSE COMPLETE
BA0034876	PENNY & GILES POSITION SENSOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034881	CHARGING EQIPMENT	BA0077231	UNIVERSAL CHARGING SET
BA0034907	HYDR.LOOP HOSE PACK.FOR HY.ROUGHNECK.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034908	LICENSE FOR PROTOOL/PRO	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034917	WIRE BLOCK FOR WINCH	BA0046352	SNATCH BLOCK
BA0034919	SAFETY RELAY, 5 OUTPUTS	BA0034583	SAFETY RELAY, 5 OUTPUTS
BA0034920	SAFETY RELAY, 3 OUTPUTS	BA0034584	SAFETY RELAY, 3 OUTPUTS
BA0034922	FUNCTION BLOCK, EMERG.STOP SWITCH	BA0034586	FUNCTION BLOCK EMERG.STOP SWITCH
BA0034923	CONTACT BLOCK, 2 BR.	BA0034587	CONTACT BLOCK 2 BR.
BA0034932	GEAR	BA0071348	GEAR 151,5:1-M18/Z10/B138-SAE C 2/4 HOLE
BA0034949-01	ENERGY CHAIN ASSY 316L.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034958	PUSH BUTTON W/LIGHT 24VDC ,3 M CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034967	SOCKET CAP SCREW	BA0040421	SOCKET CAP SCREW
BA0034968	LUBRICANT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034969	LUBRICANT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034970	LUBRICANT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0034992	DUMMY LOADCELL SHEAR-PIN TYPE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035053	HYDRAULIC HOSE	BA0074861	RUBBER HOSE
BA0035056	HYDRAULIC HOSE	BA0052281	RUBBER HOSE
BA0035057	MAIN SHAFT 350 TONS PTD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035060	TORQUE WRENCH ARM	BA0025680	TORQUE WRENCH ARM COMPLETE W/BUSHING
BA0035108	CABLE GLAND	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035127	SOCKET CAP SCREW	BA0039988	SOCKET CAP SCREW
BA0035147	NUT	BA0038021	HEXAGON REGULAR NUT ISO-4032, M30 - Gr.8
BA0035152	SOCKET CAP SCREW	BA0040257	SOCKET CAP SCREW
BA0035154	ROLLER	BA0069939	STUD TYPE TRACK ROLLER ASSEMBLY
BA0035156	HEX HEAD BOLT, HOT DIP GALV.	BA0038274	HEX HEAD BOLT
BA0035167	4 LTR.PAINT CAN WITH ADDITIONAL 1 LTR.CAN HARDENER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035168	PAINT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035169	PAINT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035174	RADIO CONTROL FOR ROUGHNECK "LIGHT"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035182	PRESS.TRANS1/4"BSP-MALE PG9 10M CBL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035195	O-RING	BA0053004	O-RING
BA0035254	PRESSURE GAUGE	BA0064384	PRESSURE GAUGE/MANOMETER 63 MM 0-16 BAR
BA0035267	PATCH BOX FOR FIBRE CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035276	BATTERY, STANDARD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035291	CIRCUIT BREAKER	BA0102517	MINIATURE CIRCUIT BREAKER
BA0035299	For SB-PH-036 use BA0030694	BA0030694	SAFETY CHAIN STAINLESS STEEL
BA0035307	PRESSURE RELIEF VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0035317	REAR COVER (VALVE HOUSING)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035345	VALVE	BA0048961	4/2 DIR.VALVE EL.OPER.MARINE
BA0035346	NOZZLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035414	HIGH PRESSURE FILTER	BA0086356	PRESSURE FILTER ASSEMBLY
BA0035417	INDOOR FLX.PRO.CABLE OFH10, 1X2X0,65 MM2, - 02Y (ST) C11Y	BA0054431	FLEXIBLE PROFIBUS CABLE 1X2X0,64
BA0035425	HYDRAULIC HOSE COMPLETE	BA0054776	HYDRAULIC HOSE COMPLETE
BA0035438	JUNCTION BOX W/DOOR/WINDOW	BA0056561	JUNCTION BOX MAX 124 TERMINALS LEFT HINGED
BA0035456	EXTENSION SPRING	BA0046159	TENSION SPRING F/SAFETY HOOK, RISER FORK
BA0035460	SERVICE LOOP HY.DDM-DC	BA1722183	INSTRUMENT LOOP COMPLETE, L=26M
BA0035467	VALVE BLOCK, ACTIVE HEAVE COMP.	BA0077329	VALVE BLOCK, ACTIVE HEAVE COMP.
BA0035472	HYDR.VARIABLE SPEED AC MOTOR	BA0048648	DRILLING MOTOR
BA0035517	CONNECTOR, BULKHEAD STRAIGHT	BA0010749	CONNECTOR, BULKHEAD STRAIGHT
BA0035528	CPU CARD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035531	PRESS.REL.VALVE	BA0047226	CARTRIDGE VALVE
BA0035575	HIGH PRESSURE SWIVEL, ELBOW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035576	HIGH PRESSURE SWIVEL, STRAIGHT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035577	HYDRAULIC HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035585	ANGLE IRON, CROSSWISE PERFORATED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035617	PENNY & GILES POSISTION SENSOR FOR CYL.	BA0072424	MODIFICATION KIT FOR CYLINDER 8035214
BA0035628	HEX HEAD SCREW HOT DIP GALV.	BA0038199	HEX HEAD BOLT
BA0035633	4/2 DIR. VALVE,EL.OPER.MARINE, EEx d IIC	BA0048961	4/2 DIR.VALVE EL.OPER.MARINE
BA0035640	CABLE GLAND, COMPLETE W/NUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035641	JUNCTION BOX, MH 4006014 W/MOUNTING PLATE	BA0056557	JUNCTION BOX MAX 43 TERMINALS LEFT HINGED
BA0035651	SEW EURODRIVE GEAR W/BRAKE & FLEX COUPLI	BA0053614	CENTA GEAR W/BRAKE
BA0035659	HEX HEAD SCREW HOT DIP GALV.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035660	WASHER E(200)	BA0020296	NORDLOCK WASHER
BA0035669	KELLY VALVE, BKK 83	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035680	ELECTRIC MOTOR, EEXDE IIB T4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035687	2" BALL VALVE WITH ACTUATOR, HABONIM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035689	ELECTRIC MOTOR EEXDE IIC T4	BA0113265	ELECTRIC MOTOR EEXDE IIC T4, 8,6kW, 400VY, 60Hz
BA0035704	NYLATRON ROLLER FOR HYDR.ROUGHNECK	BA5173213	SPRING KNOB
BA0035720	FITTING	BA0035735	FITTING
BA0035749	BOLT FOR RACKER HEAD	BA0034032	BOLT FOR RACKER HEAD
BA0035791	OFFSHORE CABLE, HUS534454	BA0047339	OFFSHORE CABLE, HUS534454
BA0035808	ELECTRIC MOTOR,EEXDE IIB T4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035809	ELECTRIC MOTOR, EEXDE IIB T4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035813	SOLENOID VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035829	PRESS.TRANSM. 1/4"BSP-MALE, PG9, 5M CBL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035846	BARTEC PC TERMINAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035853	COMPLETE FILTER UNIT	BA0034700	HIGH PRESSURE FILTER FOR VALVE CIV-NG130 AND CIV-NG160
BA0035900	CAST FOR LINK HANGER, DDM-750	BA0035901	LINK HANGER, DDM-750 RAL 3002
BA0035902	CAST FOR KNUCKLE LINK, DDM-750, LEFT AND RIGHT HAND SIDE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035943	PULSE ENCODER, LED-SC-CEN-S	BA0065541	PULSE ENCODER LED-SC-CEN-S
BA0035984	HYDR.HOSE PACK.FOR HYDR.ROUGHNECK.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035989	RADIO CONTROL FOR PROD LINE WINCH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035990	SAVER SUB, BOX NC61 - PIN WT56 (HYDRIL)	BA0035990-01	SAVER SUB BOX NC61 - PIN WT56 (HYDRIL)
BA0035993	FOR HYDR.POWER UNIT, PTD-500-AC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035994	FOR OIL COOLER, HPU PTD-500-AC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035995	FOR OIL COOLER, HPU PTD-500-AC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0035998	SOCKET CAP SCREW	BA0040420	SOCKET CAP SCREW
BA0035999	SOCKET CAP SCREW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0036021	SPACER FOR FASTLINE WIRE GUIDE	BA0062801	PIPE
BA0036039	BOLT FOR HYDRAULIC MOTOR, CHAR LYNN 2000	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036066	TURRET FOR CHAIR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036139	HEX NUT,HOT DIP GALVANIZED	BA0038028	HEX NUT
BA0036151	PENNY <(>&<)> GILES POSITION SENSOR FOR CYL.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036172	ROTARY DRILLING HOSE COMPLETE	BA0084438	HYDRAULIC HOSE, COMPLETE
BA0036182	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036183	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036188	MOUNTING SET FOR WIPER ARM, FRONT WINDOW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036214	SIMATIC S7-300 CPU 318-2 DP 512	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036243	MECHANICAL SEAL FOR WATER/GLYCOL MEDIUM	BA0060201	MECHANICAL SEAL FOR WATER/GLYCOL MEDIUM
BA0036250	SUSPENSION FLANGE FOR T.W.,DDM 500	BA0028907	SUSPENSION FLANGE FOR PIPEHANDLER
BA0036280	CABINET	BA0036619	TS8 FLOOR CABINET, SHEET STEEL, 800X2000X800 WXHXD.
BA0036291	CONNECTOR, NUT	BA0010129	CONNECTOR, NUT
BA0036297	CONNECTOR, SLEEVE	BA0010152	CONNECTOR, SLEEVE
BA0036298	CONNECTOR, SLEEVE	BA0010168	CONNECTOR, SLEEVE
BA0036305	HIGH TORQUE TORQUE WRENCH FOR HYDR.RN	BA0054300	TORQUE WRENCH FOR HYDRAULIC ROUGHNECK , WITHOUT CYLINDERS AND
BA0036332	ROTEX LAMELLA	BA0012321	ROTEX LAMELLA
BA0036337	POLYETHYLEN PLATE FOR FLEXIBLE AIR DUCT. DDM-EL	BA0064836	POLYACTAL PLATE FOR FLEXIBLE AIR DUCT DDM-EL
BA0036338	HYDRAULIC PISTON PUMP,PRESS.COMP.	BA0054998	HYDRAULIC AXIAL PISTON PUMP
BA0036363	POSITION MEASUREMENT, R905006122	BA0095055	CIMSMART POSITIONING MEASUREMENT SYSTEM
BA0036373	ELECTRIC MOTOR FOR BLOWER, EEXDE IIC T4	BA3512016	FAN <(>&<)> MOTOR COMPLETE ASSEMBLY
BA0036374	COMPLETE SERVICE LOOP FOR DDM-DC	BA0036542	COMPLETE SERVICE LOOP FOR DDM-DC
BA0036376	OPER.CHAIR FOR DRILLER'S CONTROL ROOM	BA5122361	OPERATOR CHAIR FOR CRANE CABIN
BA0036379	TURNBUCKLE, POWDER COATED, RED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036393	IN HEX.COUNTER SUNK HEAD	BA0039777	COUNTERSUNK SCREW
BA0036421	HARDDISK WITH DRAWER	BA0058602	MaHy-HDD DRAWER SYSTEM/BLACK
BA0036430	CHAIN LOCK COUPLING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036436	STEEL MARINE INDUCTION MOTOR, 5111.0055	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036437	HEX HEAD BOLT	BA0039251	HEX HEAD SCREW
BA0036457	VALVE BLOCK ROTARY TABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036468	UPPER AND LOWER ADAPTER PLATE, GRIP HEAD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036474	SWING GEAR W/STR.AXLE AND WEDGE	BA0054883	SLEW GEARBOX
BA0036487	HYDAC ELECTRONIC INSTRUMENT,COMPLETE	BA0175354	HYDAC PORTABLE DATA RECORDER, KIT
BA0036494	HYDR. DIRECTIONAL VALVE, 4/2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036498	HOSE KIT, FOR HIGH TORQUE WRENCH/HRN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036516	PLATE HEAT EXCHANGER 150kW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036522	BUTTERFLY VALVE	BA0097150	BUTTERFLY FLANGE SAE 3"
BA0036538	HYDRAULIC BINI SWIVEL	BA0068889	BINI SWIVEL HYD 677B10010
BA0036552	HYDR.HOSE PACK.FOR HYDR.ROUGHNECK.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036553	HYDR.HOSE PACK.FOR HYDR.ROUGHNECK.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036556	HYDR.HOSE PACK.FOR HYDR.ROUGHNECK.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036557	HYDR.HOSE PACK.FOR HYDR.ROUGHNECK.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036558	HYDR.HOSE PACK.FOR HYDR.ROUGHNECK.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036562	AV/SV RACKMOUNT 19"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036570	POTENTIOMETER W/KNOB	BA0060902	POTENTIOMETER 5KOHM
BA0036585	SQUIRREL CAGE MOTOR,EEXDE IIC T4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036615	HEX HEAD SCREW HOT DIP GALV.	BA0038137	HEX HEAD BOLT
BA0036620	SIDE PLATE FOR TS CABINET	BA0036281	TS Side panel screw-fastened, for TS, TS IT, for WD: 2000x800 mm, Sheet(2 ea in package)
BA0036640	CP 443-1 (MP) COMM. CARD FOR PLS	BA0031184	TCP COMM.ETHERNET PROCESSOR
BA0036645	CONTROL SWITCH, EEXDE, IP66	BA0050584	CONTROL SWITCH, EEXDE, IP66

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0036647	RADIO CONTROL, COMPLETE UNIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036652	STARTER PANEL COMPLETE	BA0056566	JUNCTION BOX MAX 294 TERMINALS LEFT HINGED
BA0036654	HYDRAULIC CYLINDER 8045837 W/PENNY<(>&<)>GILES SENSOR	BA0066042	HYDRAULIC CYLINDER 8049540 W/ICS100 SENSOR
BA0036695	KEY SWITCH	BA0022916	KEY SWITCH 2 POSITIONS
BA0036697	SECTION FOR PROPORTIONAL VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036719	SEW EURODRIVE GEAR W/ADAPTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036746	CHEVRON SRI GREASE	BA0094119	GREASE
BA0036752	MAIN SPOOL FOR HYDR. ACTIVATOR 10 LTR.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036768	RADIAL FAN FOR AC-COOLING, DDM	BA3512016	FAN <(>&<)> MOTOR COMPLETE ASSEMBLY
BA0036769	CABINET	BA0121893	FLOOR CABINET, SHEET STEEL
BA0036771	SOCKET, FRONT AND BACK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036772	DOORHANDLE W/LOCK+PUSHBUTTON	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036778	FILTER ELEMENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036779	LOW PRESSURE FILTER	BA0119378	LOW PRESSURE FILTER INCL. CONVERSION KIT
BA0036782	LOADCELL SHACKLE TYPE S2KG15351AT.	BA0118965	LOAD CELL SHACKLE TYPE S2KG15351AT.
BA0036787	CONNECTION CABLE PLC, 2 MTR.	BA0028036	CONNECTION CABLE PLC, 2 MTR.
BA0036801	PRESS.TRANSMITTER 1/4"BSP-MALE PG9 5M CBL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036811	BLADDER ACCUMULATOR, 50 L, 330 BAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036817	SHIELDED POWER CABLE, 3 GROUNDS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036819	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036826	EXI POWER SUPPLY/BARRIER	BA0051409	EXI POWER SUPPLY/BARRIER
BA0036827	MPI ADAPTER	BA0048757	PC ADAPTER USB
BA0036844	OIL HEATER W/THERMOSTAT	BA0036843	OIL HEATER W/THERMOSTAT IP56
BA0036876	SHUTTLE VALVE	BA0010371	SHUTTLE VALVE
BA0036891	CONNECTOR, TEE ADAPTER	BA0151027	CONNECTOR, TEE ADAPTER
BA0036900	HYDRAULIC CYLINDER W/P<(>&<)>G SENSOR HLP DWG 646-25	BA0050039	HYDRAULIC CYLINDER W/P<(>&<)>G SENSOR ICS100 DRWG 00234
BA0036902	PENNY & GILES POSITION SENSOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036903	PENNY & GILES POSITION SENSOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036904	PENNY & GILES POSITION SENSOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036905	PENNY & GILES POSITION SENSOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036911	WIPERBLADE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036912	WIPER ARM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0036938	SAFETY VALVE, VERTICAL SYSTEM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037022	SEAL KIT FOR HYDRAULIC MOTOR	BA0051633	SEAL KIT FOR EATON CHAR LYNN HYDRAULIC MOTOR
BA0037054	PENNY & GILES POSITION SENSOR FOR CYL.	BA0082296	P<(>&<)>G SENSOR
BA0037057	CABLE CHAIN BREVETTI SS	BA0174233	cable chain Brevetti ss
BA0037059	WORKST.INTEL PENTIUM-III/800	BA0058710	WORKST.INTEL PENTIUM-III/133 Mhz
BA0037064	COLOUR MONITOR	BA0061802	PRO-FACE OPERATORS PANEL
BA0037066	PROFIBUS-DP MODULE FOR GP26/25/2400	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037067	PROGRAMME FOR PROFACE O	BA0061801	PROGRAM FOR PRO-FACE
BA0037100	4/3 DIRECTIONAL VALVE, EL.OPER., MARINE	BA0048962	DIRECTIONAL VALVE SOLENOID OPERATED CETOP W/REBUILD KIT
BA0037107	TEST POINT CONNECTION, SS	BA0055194	CONNECTOR, GAUGE ADAPTER
BA0037108	MALE BSP ADAPTER	BA0055175	CONNECTOR, STRAIGHT
BA0037120	GLAND, EEXE	BA0042163	GLAND M25 EXE BRASS Ø13,0-20,2MM
BA0037140	FRAM ALLOY BLUE MESSENGER CABELAR WHEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037147	FRAM CABELAR WHEEL	BA0024701	CABELAR WHEEL DRW 11-231010-20.01.STP
BA0037151	PT100 ELEMENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037162	BOARD PANEL, FOR CABIN,DCR	BA0037159	DESK PANEL U MEMORY POS, FOR CABIN,DCR
BA0037164	CEAG 2X18W EMERGENCY LIGHT FIXTURE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037192	VALVE FOR LOKOMEK BLOCK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037195	LOADCELL SHEAR-PIN TYPE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0037219	POLYPENCO GSM GLIDING PAD,TELESC.ARM	BA0082431	BRONZE BAR FOR TELESCOPE ARM
BA0037220	POLYPENCO GSM GLIDING PAD,TELESC.ARM	BA0082430	BRONZE BAR FOR TELESCOPE ARM
BA0037221	POLYPENCO GSM GLIDING PAD,TELESC.ARM	BA0082429	BRONZE BAR FOR TELESCOPE ARM
BA0037238	PAINT, INCL.HARDENER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037242	PAINT INCL.HARDENER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037250	CPU, 414 H	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037254	CONFIGURATION- SW-H	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037262	CABLE, ARMOURED/SHEATHED	BA0057471	INSTRUMENT CABLE
BA0037273	DIODE BRIDGE FOR REDUNDANT POWER SUPPLY	BA0082399	DIODE BRIDGE FOR REDUNDANT POWER SUPPLY
BA0037340	SIMATIC S5/S7,SERVICE LAB V7 FOR PC/PG (6ES5 886-8SL11)	BA0094952	DASyLab SPS/PCL Edition STANDARD V13-STANDARD-R (READ)
BA0037355	SEAL KIT FOR HYDRAULIC CYLINDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037359	CHARGEABLE BATTERYCELLS IN PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037360	CHARGEABLE BATTERYCELLS IN PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037366	HIGH PERFORM.QUICK PANEL W/PROF.INTFACE	BA0061802	PRO-FACE OPERATORS PANEL
BA0037366-01	QUICK PANEL WITH SOFTWARE	BA0061802	PRO-FACE OPERATORS PANEL
BA0037367	REMOTE CONTROL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037368	MEASURING TRANSDUCER SUPPLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037376	DOWNLOADING CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037437	SWITCH W/ 3 MTR. CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037438	SWITCH W/ 8 MTR. CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037440	CONNECTION CABLE FOR KEYBOARD S 0004	BA0047543	CONNECTION CABLE FOR KEYBOARD
BA0037458	BALL VALVE, FULL BORE, WITHOUT FLANGE	BA0011095	BALL VALVE FULL BORE
BA0037459	RADIO CONTROL, COMPLETE UNIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037479	FILTER ELEMENT	BA0011222	FILTER ELEMENT
BA0037490	OLMSTED ANTI-RECOIL VALVE	BA0057727	4" ANTI RECOIL VALVE
BA0037496	CONVERTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037546	HIGH PRESSURE FILTER W/VISUAL INDICATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037548	HIGH PRESSURE FILTER W/VISUAL INDICATOR	BA0170613	PRESSURE FILTER, COMPLETE
BA0037551	HIGH PRESSURE FILTER W/VISUAL INDICATOR	BA0088208	IN-LINE FILTER ASSEMBLY
BA0037556	MOUNTED RETURN FILTER W/VIS.INDICATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037557	MOUNTED RETURN FILTER W/VIS.INDICATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037561	ELECTRIC FILTER INDICATOR W/RED LIGHT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037566	FILTER ELEMENT BRANDED	BA0086418	FILTER ELEMENT STAT-FREE
BA0037567	FILTER ELEMENT BRANDED	BA0086419	FILTER ELEMENT STAT-FREE
BA0037568	FILTER ELEMENT BRANDED	BA0119991	FILTER ELEMENT BRANDED STAT-FREE
BA0037569	FILTER ELEMENT BRANDED	BA0119985	FILTER ELEMENT BRANDED STAT-FREE
BA0037574	FILTER ELEMENT BRANDED	BA0113096	FILTER ELEMENT STAT-FREE
BA0037575	FILTER ELEMENT BRANDED	BA0119992	FILTER ELEMENT BRANDED STAT-FREE
BA0037616	CYLINDRIC DOWEL PIN	BA0041154	PARALLEL PIN
BA0037622	ELECTRIC MOTOR, EEXDE IIBT4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037631	SET SCREW	BA0039552	SET SCREW
BA0037632	BUSHING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037682	PROTOCOL LICENSE FOR PROFIBUS DP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037699	OVERCENTER VALVE W/STEEL HOUSE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037706	MOUSE INTERFACE CARD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037707	PIPE POSITIONER ASSY FOR ROUGHNECK	BA0051782	RETRO-KIT PIPE POSITION ARM,HRN
BA0037723	POWER SUPPLY MODULE	BA0076808	SIMATIC S7-400 PS 405 POWER SUPPLY 24VDC
BA0037726	HEX HEAD SCREW HOT DIP GALV.	BA0038203	HEX HEAD BOLT
BA0037749	ACCESSORY FOR TEMP TRANSMITTER	BA0058215	ACCESSORY FOR TEMPERATURE TRANSMITTER
BA0037753	PUMP COMPLETE W/MOTOR	BA0120694	PUMP COMPLETE W/HYD. MOTOR
BA0037756	TRANSPORT PULLEY	BA0031152	ADJUSTABLE PULLEY FOR DATA RACK(4 ea in package)

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0037797	CLAMP NUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037803	SERV-NPORT 5410 4P-232	BA0058526	SERV-NPORT 5410 4P-232
BA0037807	PROFIBUS-DP PULSE ENCODER	BA0065889	PROFIBUS-DP PULSE ENCODER
BA0037842	SWITCH VIEW	BA0118751	KVM 8-PORT PS/2 VGA SWITCH
BA0037843	CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037844	CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037867	SEAL KIT FOR HYDRAULIC CYLINDER	BA0027262	SEAL KIT FOR HYDRAULIC CYLINDER
BA0037871	EXTENDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037874	PLC HARD DRIVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037875	SET OF GEAR WHEELS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037881	SELECTOR SWITCH,SPRING RETURN TO CENTRE	BA0170620	SELECTOR SWITCH,SPRING RETURN TO CENTRE, METAL HEAD
BA0037882	MOUNTING BLOCK	BA0083614	MOUNTING BLOCK
BA0037883	DIRECTIONAL VALVE,MECH.OPERATED	BA0083610	ADDITIONAL SWITCH VALVE 3/2 60 L NC Ø4 M
BA0037884	DIRECTIONAL VALVE MECH.OPERATED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0037885	EMERGENCY STOP SWITCH,MAN.OPERATED	BA0082890	PUSH BUTTON, RED INCL. VALVE
BA0037886	3/2 DIRECTIONAL VALVE,MECH.OPERATED	BA0083822	3/2 DIRECTIONAL VALVE MECHANICAL OPERATE
BA0037910	LEGRIS EQUAL BULKHEAD CONNECTOR	BA0036129	LEGRIS EQUAL BULKHEAD CONNECTOR
BA0037921	MANIFOLD SSV06 W/INDICATOR	BA0056926	DISTRIBUTOR BLOCK
BA0037952	CONNECTOR, TEE ADAPTER	BA0151034	CONNECTOR, TEE ADAPTER
BA0037978	SEAL KIT FOR HYDRAULIC CYLINDER	BA0060619	SEAL KIT FOR HYDRAULIC CYLINDER
BA0037985	PROFIBUS MARINE CABLE 150#,MUD RESISTANT	BA0037860	OUTDOOR PROFIBUS CABLE 1X2X0 35 MM2
BA0038032	HEX HEAD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0038033	HEX HEAD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0038099	HEX HEAD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0038328	HEX HEAD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0038371	HEX HEAD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0038372	HEX HEAD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0038373	HEX HEAD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0038374	HEX HEAD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0038375	HEX HEAD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0038376	HEX HEAD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0038654	WASHER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0038668	WASHER	BA0063697	WASHER
BA0038694	HEX HEAD SCREW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0038722	HEX HEAD SCREW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0038751	HEX HEAD SCREW	BA0038752	HEX HEAD SCREW
BA0038799	HEX HEAD SCREW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0038814	HEX HEAD SCREW	BA0038815	HEX HEAD SCREW
BA0039100	HEX HEAD SCREW	BA0038783	HEX HEAD SCREW
BA0039131	HEX HEAD SCREW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0039173	HEX HEAD SCREW	BA0039174	HEX HEAD SCREW
BA0039765	COUNTERSUNK SCREW	BA0039766	COUNTERSUNK SCREW
BA0040254	SOCKET CAP SCREW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0040256	SOCKET CAP SCREW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0040306	SOCKET CAP SCREW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0040320	SOCKET CAP SCREW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0040399	SOCKET CAP SCREW	BA0040393	SOCKET CAP SCREW
BA0040465	HEX BOLT STRUCTURAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0040466	HEX BOLT STRUCTURAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0040649	WASHER HARDENED	BA0062724	WASHER HARDENED
BA0040973	PAL NUT	BA0096328	PAL NUT

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0040980	PAL NUT	BA0058051	PAL NUT
BA0041020	RING SCREW, HOT DIP GALV.	BA0057490	LIFTING EYEBOLT WLL 0.14T
BA0041153	PARALLEL PIN	BA0031713	PARALLEL PIN
BA0041302	EXTERNAL CIRCLIP	BA0068983	EXTERNAL CIRCLIP
BA0042030	ROLLER COMPLETE FOR SPINNER, HRN	BA0067382	ROLLER COMPLETE FOR SPINNER HRN
BA0042031	ROLLER SHELL, SPINNER, HRN	BA0067384	SHELL FOR ROLLER, SPINNER HRN
BA0042032	ROLLER BASE, SPINNER, IRN	BA0067383	ROLLER BASE SPINNER HRN
BA0042033	FREE FLOW VALVE BLOCK ASSY.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042050	ROUGHNECK STABBING ARM ASSY.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042051	ROUGHNECK STABBING ARM ASSY.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042094	RACKING ARM ASSY., GRIP HEAD	BA1945055	GRIPPER HEAD RACKING ARM STEEL ASSY
BA0042100	OPERATING HANDLE FOR THROTTLE, FRESH AIR/RECIRC.	BA0052235	OPERATING HANDLE FOR THROTTLE, FRESH AIR/RECIRC.
BA0042106	FUSE	BA0051598	FUSE
BA0042154	BOLT FOR RACKER HEAD	BA0043104	BOLT FOR LOCKING FINGER
BA0042162	GLAND M32 EXE BRASS Ø19,5-26,5MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042163	GLAND M25 EXE BRASS Ø13,0-20,2MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042164	GLAND M20 EXE BRASS Ø10,0-14,3MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042165	GLAND M20 EXE BRASS Ø6,5-11,9MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042166	GLAND M40 EXE BRASS Ø25,0-32,5MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042167	GLAND M50 EXE BRASS Ø31,5-44,4MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042180	PLASTPOSE M/ MH LOGO TRYKK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042181	PLASTPOSE M/ MH LOGO TRYKK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042182	PLASTPOSE M/ MH LOGO TRYKK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042229	JUNCTION BOX, MAX. 270 TERMINALS	BA0056567	JUNCTION BOX, MAX 294 TERMINALS, LEFT HINGED
BA0042238	SELECTOR SWITCH 2 POS. W/3M CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042241	ELECTRIC MOTOR,EEXDE IIB T4 B34	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042250	1/2" BALL VALVE	BA0067652	BALL VALVE, BSPPF PN345 SS316 RB
BA0042281	TOOTH COUPLING	BA0112800	TOOTH COUPLING
BA0042284	FORMED SEAT CUSHION FOR CHAIR,DRILL.CAB	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042294	YELLOW PUSHBUTTON,EEXD W/TERMINALS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042295	GREEN PUSHBUTTON,EEXD W/TERMINALS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042296	RED PUSHBUTTON,EEXD W/TERMINALS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042297	3-POS SWITCH,EEXD WITHOUT SPR.RET.N/O	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042298	3-POS SWITCH,EEXD WITH SPRING RET.N/O	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042306	CHECK VALVE	BA0066336	NON-RETURN VALVE
BA0042320	CAP HEAD SCREW SS	BA0040234	SOCKET CAP SCREW
BA0042338	CIRCUIT BREAKER	BA0083032	CIRCUIT BREAKER
BA0042346	POWER SUPPLY, 5A, 230/240V	BA0066957	PRIMARY SWITCHED-MODE POWER SUPPLY UNIT, 1-PHASE, OUTPUT 24 VDC / 5A
BA0042367	HAWE PROP.DIR.SPOOL VALVE	BA0074728	HAWE PROP.DIR.SPOOL VALVE
BA0042398	ELECTRIC MOTOR,EEXDE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042406	HEX HEAD SCREW	BA0040253	SOCKET CAP SCREW
BA0042408	SOCKET CAP SCREW	BA0071886	SOCKET CAP SCREW
BA0042413	FILTER FAN 230V 50/60HZ 230 M3/H	BA0090205	EMC FAN-AND-FILTER UNIT 230 M3/H 230 V 50/60 HZ
BA0042422	BRACKET IN DERRICK COMPLETE AS A UNIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042447	NUT	BA0070276	CONNECTOR, NUT
BA0042462	SERVICE LOOP FOR DDM 750-AC-2M, COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042471	HEX HEAD SCREW HOT DIP GALV.	BA0038136	HEX HEAD BOLT
BA0042484	HENGSTLER PULSE ENCODER W/CABLE	BA0054990	HENGSTLER PULSE ENCODER W/CABLE
BA0042487	5/2 DIRECTIONAL VALVE, PNEUM.OPERATED	BA0175001	5/2 DIRECTIONAL VALVE, PNEUM.OPERATED
BA0042491	EX/AIR HEATER W/CABLE	BA0051551	EX/AIR HEATER
BA0042496	UPPER SIDE WINDOW,LAMINATED GLASS	BA0035959	UPPER SIDE WINDOW FOR DERRICKMAN'S CABIN

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0042513	HEX NUT	BA0039322	HEX NUT
BA0042514	NUT, SS	BA0039324	HEX NUT
BA0042523	HOSE REEL W/TWIN HOSE AND ANGLE BRACKET	BA0052401	HOSE REEL W/TWIN HOSE AND ANGLE BRACKET
BA0042534	HEX HEAD SCREW	BA0038430	HEX HEAD BOLT
BA0042550	MAN RIDER BLOCK	BA0046352	SNATCH BLOCK
BA0042629	ROTARY HOSE LOOP COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042653	NET ADAPTER FOR CONVERTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042665	RUBBER BUFFER -WAMPFLER W/6MM BOTTOM PLATE	BA0037814	RUBBER BUFFER W/3MM BOTTOM PLATE
BA0042711	HEX HEAD NUT FINE THREAD	BA0041945	HEX NUT, FINE THREAD
BA0042719	HEX NUT	BA0056664	HEXAGONAL NUT FOR LOCKING SEGMENT
BA0042725	PURGE CONTROL UNIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042729	OPERATING CRANK 40-SW22(TOP-D	BA0043907	OPERATING CRANK 40-SW22
BA0042751	SOCKET CAP SCREW	BA0050582	SOCKET CAP SCREW
BA0042752	SOCKET CAP SCREW	BA0037795	SOCKET CAP SCREW
BA0042753	CAP SCREW	BA0037793	SOCKET CAP SCREW
BA0042754	SOCKET CAP SCREW	BA0037794	SOCKET CAP SCREW
BA0042760	V-SEAL	BA0034766	V-RING
BA0042768	MOUNTING RAIL 2 METER LENGTH	BA0098795	MOUNTING RAIL 2 METRE LENGTH
BA0042772	BATTERY CABINET, 50/60 HZ, 300V AC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042775	BUSHING, OUTSIDE H7, INSIDE G8	BA0056141	SLEEVE BUSHING
BA0042776	FLANGED BUSHING, OUTSIDE H7, INSIDE G8	BA0058667	SLEEVE BUSHING
BA0042777	FLANGED BUSHING, OUTSIDE H7, INSIDE G8	BA0099334	SLEEVE BUSHING
BA0042795	HEX HEAD SCREW, HOT DIP GALV.	BA0039223	HEX HEAD SCREW
BA0042800	NUT HOT DIP GALV	BA0038031	HEX NUT
BA0042809	INSTRUMENT CABLE ARMOURED/SHEATHED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042825	4"-2" FLANGE BEND REDUCER	BA0052038	FLANGE REDUCER, RETAIN RING SYSTEM
BA0042834	BANJO BOLT	BA0069968	BANJO BOLT
BA0042855	SOFTWARE FROM PRO-FACE	BA0061801	PROGRAM FOR PRO-FACE
BA0042857	RACK SET FOR OPERATOR CHAIR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042859	KELLY VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042866	SINGLE ACT.OVERCENTRE VALVE	BA0057068	SINGLE ACT.OVERCENTRE VALVE
BA0042869	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042881	IN HEX COUNTERSUNK SCREW	BA0039685	COUNTERSUNK SCREW
BA0042887	MANOMETER FOR HYDRAULIC SCREW PUMP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042888	MANOMETER FOR HYDRAULIC SCREW PUMP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042891	BANJO BOLT WITH THROTTLE	BA0076657	BANJO BOLT WITH THROTTLE
BA0042897	LUBE NIPPLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042898	LUBE NIPPLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042899	LUBE NIPPLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042909	LUBE NIPPLE	BA0042943	LUBE NIPPLE
BA0042928	LUBE NIPPLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042931	LUBE NIPPLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042932	LUBE NIPPLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042933	LUBE NIPPLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042934	LUBE NIPPLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042951	LUBE NIPPLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042952	LUBE NIPPLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0042966	LOCKING FINGER	BA0063260	LOCKING FINGER
BA0042973	SOCKET HEAD CAP SCREW	BA0070706	SOCKET CAP SCREW
BA0042989	SIMATIC DP,POWER MODULE PM-E FOR ET 200S;24VDC W/DIAGNOSIS	BA0063882	SIMATIC DP POWER MODULE PM-E FOR ET 200S 24VDC W/DIAGNOSIS
BA0043000	PROFIBUS FIBRE OPTIC COUPLER	BA0062048	PROFIBUS FIBRE OPTIC COUPLER

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0043007	TOOTHED WHEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0043008	DRIVE GEAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0043015	PILOT VALVE 4/3,NG6,24V DC,W/FIX.BOLTS	BA0058345	DIRECTIONAL CONTROL VALVE
BA0043026	POINTING DEVICE,TRACKBALL W/2 BUTTONS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0043035	PRESS.TRANSM.,1/4"BSP-MALE, PG9,10M CBL	BA0051461	PRESS.TRANSMITTER 1/4" BSP, PG9 W/10 MTR.CABLE
BA0043054	SEAL KIT FOR HYDRAULIC CYLINDER	BA0060612	SEAL KIT FOR HYDRAULIC CYLINDER
BA0043067	HENGSTLER PULSE ENCODER	BA0054990	HENGSTLER PULSE ENCODER W/CABLE
BA0043107	HEX.COUNTER SUNK HEAD	BA0039786	COUNTERSUNK SCREW
BA0043115	UPS BACK-UP BATTERY CABINET, 50/60HZ	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0043134	SOCKET CAP SCREW	BA0070743	SOCKET CAP SCREW
BA0043135	SOCKET CAP SCREW	BA0070746	SOCKET CAP SCREW
BA0043173	COMPLETE CASE W/COVER FOR AHC BYP. VALVE	BA0024266	SWITCH MINIATURE
BA0043182	WIRESHV 1 5/8" WIRE 60" DIA.NORM.TYPE	BA0087424	WIRE SHEAVE MACHINED,FORGED AND WELDED
BA0043183	JUNCTION BOX COMPLETE FOR DDM650L DC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0043204	HEX HEAD SCREW	BA0039227	HEX HEAD SCREW
BA0043210	VALVE-2.POS.,2 WAY, 24V DC,EXPL.PROOF,DB	BA0061838	SOLENOID PILOT VALVE (SV4) INCLUDING COIL
BA0043267	LICENSE FOR CP5613 CARD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0043268	SOCKET CAP SCREW	BA0070719	SOCKET CAP SCREW
BA0043269	SPINDLE FOR DDM 650 AC, 7500 PSI	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0043291	POWER SUPPLY,REDUNDANT	BA0057280	HOT PLUG REDUNTANT POWER SUPPLY
BA0043301	SERVICE LOOP FOR PTD-500-AC, COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0043306	LOCK PLATE FOR TORQUE WRENCH PTD	BA0028735	LOCKING PLATE
BA0043307	LOCKING PIN FOR SUSPENSION FLANGE PH PTD500	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0043313	MAIN LINK FOR TORQUE WRENCH (HIGH T.)	BA0052573	MAIN LINK FOR TORQUE WRENCH (HIGH TORQUE)
BA0043315	MAIN LINK FOR TORQUE WRENCH (HIGH T.)	BA0052574	COMPLETE MAIN LINK FOR TORQUE WRENCH (HIGH TORQUE)
BA0043337	STUD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0043351	PISTON FOR HYDRAULIC CYLINDER	BA0055527	PISTON FOR HYDRAULIC CYLINDER
BA0043359	ELECTRIC MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0043359-01	ELECTRIC MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0043379	ELECTRIC MOTOR, EEXDE IIB T4	BA0048661	ELECTRIC MOTOR, EEXDE IIB T4
BA0043380	ELECTRIC MOTOR EEXDE IIB T4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0043381	HYDRAULIC TELESCOPE CYLINDER DRWG 651-30	BA0056397	HYDRAULIC TELESCOPE CYLINDER, DRWG 04181
BA0043384	FUSE	BA0061115	FUSE
BA0043385	LIMIT SWITCH	BA0121229	LIMIT SWITCH
BA0043424	V-RING SEAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0043442	CAST FOR LINK HANGER,DDM-750	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0043450	BONDURA BOLT	BA0057865	BONDURA PIN
BA0043452	HYDRAULIC HOSE, COMPLETE	BA0060293	HYDRAULIC HOSE COMPLETE
BA0043453	HYDRAULIC HOSE, COMPLETE	BA0060291	HYDRAULIC HOSE COMPLETE
BA0043457	PLAIN BEARING	BA0012028	SLEEVE BUSHING PLAIN BEARING
BA0043466	BUSHING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0043475	SPACER RING	BA0043706	SPACER RING
BA0043476	SHAFT PACKING RING	BA0046191	ROTARY SHAFT LIP TYPE SEAL
BA0043490	TENSILE LOADCELL W/CABLE AND HOSE	BA0043946	TENSILE LOADCELL W/CABLE AND HOSE
BA0043508	HEATER W/SELF REG. HEAT CABLE MOUNTED.	BA0089341	HEATER WITH SELF REGULATING PARALELL HEATING CABLE EEXE
BA0043529	PC FOR WIN AC,DUAL 1.4GHZ	BA0053403	RACK-305AB, INTEL PENTIUM PC
BA0043541	PLATE HEAT EXCHANGER	BA0072928	PLATE HEAT EXCHANGER
BA0043542	PLATE HEAT EXCHANGER THUNDER HORSE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0043563	COLOUR SCREEN	BA0061802	PRO-FACE OPERATORS PANEL
BA0043566	PROGRAM FOR PROFACE	BA0061801	PROGRAM FOR PRO-FACE
BA0043569	INSTRUMENT CABLE	BA0026202	INSTRUMENT CABLE GREY

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0043584	GEAR	BA0057568	SLEW GEARBOX
BA0043598	GAUGE, (MH 4107-003)	BA0012354	PRESSURE GAUGE TYPE IM
BA0043600	GEAR FOR UTILITY WINCH	BA0061405	GEAR FOR UTILITY WINCH
BA0043602	BOLT	BA0035748	BOLT FOR RACKER HEAD
BA0043606	CONE BEARING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0043628	HYDRAULIC HOSE PACKAGE FOR IRN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0043630	HYDAC AQUA SENSOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0043631-01	HYDRAULIC MOTOR SUNFAB 108 CCM VITON SEAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0043639	DIRECTIONAL VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0043657	END COVER FOR BREVINI PLANETARY GEAR	BA0058124	CLOSED END COVER FOR BREVINI PLANETARY GEAR
BA0043715	ELECTRIC MOTOR	BA0092591	ELECTRIC MOTOR
BA0043724	HYDR.HOSE PACKAGE FOR IRN LIGHT, CMPL.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0043726	RUN TIME SIMPLICITY VIEWER LICENSE NT/WIN 98/M	BA0090019	CIMPLICITY RUNTIME VIEWER 8.2 LICENSE
BA0043735	PRESS.TRANSM.,1/4"BSP-MALE, PG9,10M CBL	BA0051455	PRESS.TRANSMITTER 1/4"BSP-MALE W/10 MTR.CABLE
BA0043743	COMPL. SPINNER FOR HYDR.ROUGHNECK	BA0050458	COMPLETE SPINNER FOR HYDRAULIC ROUGHNECK.
BA0043786	HYDR.HOSE PACKAGE FOR HYDR.SPINNER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0043789	SWITCH, 12 PORT	BA0074248	HP PROCURVE SWITCH 2510-24
BA0043810	HARD CHROMED BOLT GUIDE DOLLY DDM-HY	BA0023329	HARD CHROMED BOLT FOR DDM-HY DOLLY
BA0043834	HOSEBUNDLE FOR SPINNER, ZM01 HY.RN	BA0043786	HYDR.HOSE PACKAGE FOR HYDR.SPINNER
BA0043843	CIRCUIT BREAKER	BA0079467	CIRCUIT BREAKER
BA0043849	BODY FOR KELLY VALVE, BKK 83, 10000 PSI	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0043851	CIRCUIT BREAKER	BA0079466	CIRCUIT BREAKER
BA0043857	RACKER HEAD ASSEMBLY W/1 ADAPT.PLATE	BA1868109	RACKER HEAD ASSEMBLY
BA0043872	REGENERATIVE VALVE	BA0067771	PRESSURE RELIEF VALVE,PIPEMOUNTED
BA0043892	MOUNTING KIT FOR SWING FRAME,SMALL	BA0122900	INSTALLATION KIT FOR VX SWING FRAME AND PARTIAL MOUNTING PLATE
BA0043905	FILTER ELEMENT	BA0011222	FILTER ELEMENT
BA0043906	FILTER ELEMENT	BA0119988	FILTER ELEMENT BRANDED STAT-FREE
BA0043910	JOYSTICK W/2 AXIS, 2X5KOHM	BA0022011	JOYSTICK W/HANDLE B1 POTM. 2X5KOHM
BA0043917	HOSE PROTECTOR	BA0113543	HOSE PROTECTOR
BA0043927	PISTON ACCUMULATOR W/BURST DISC.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0043928	PISTON ACCUMULATOR, 250 BAR,Ø100	BA0076553	PISTON ACCUMULATOR 10L 250 BAR
BA0043933	ROOF FAN, 230V,50HZ, IP43	BA0118794	ROOF MOUNTED FAN 500 m³/h, 230 V, 50/60 Hz
BA0043941	CABLE FOR LOUDSPEAKER	BA0094838	CABLE FOR LOUDSPEAKER
BA0043952	USE=AXIAL CONE ROLLER BEARING	BA0056122	AXIAL CONE ROLLER BEARING EXPLORER
BA0043957	PIN 6-5/8" REG - PIN HT55??? (L=330)	BA0043957-01	SAVER SUB PIN 6-5/8" REG - PIN HT55 (L=330)
BA0044461	TAPER PIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA004496	HYDRAULIC HOSE	BA0054496	HYDRAULIC HOSE COMPLETE
BA0046027	BLADDER ACCUMULATOR, 50 L, 330 BAR, ALL SS-FITTINGS	BA0079296	BLADDER ACCUMULATOR COMPLETE
BA0046045	DIGITAL SCREEN CABLE, HE-HE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046050	PISTON ROD FOR CYLINDER 8039797	BA0099522	PISTON ROD FOR CYLINDER 8212050
BA0046054	LYNXX SAFETY HARNESS	BA0073254	TROLL HYRAXX, BODYSTRAP WITH SIDE FASTENER
BA0046065	EX BATTERY FOR RADIO PANEL MC-3000 EX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046066	MC EX CHARGER FOR BATTERY, RADIO PANEL MC 3000EX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046073	HYDRAULIC CYLINDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046074	HYDRAULIC CYLINDER	BA0043502	HYDRAULIC CYLINDER
BA0046075	SEAL KIT FOR HYDRAULIC CYLINDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046076	3/2 PNEUM.VALVE, 24OI, NO, Ø4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046081	INTERMEDIATE PLATE FOR PVG 120/32	BA0074031	PVM INTERMEDIA PLATE FOR PVG 120
BA0046085	PRESSURE GAUGE TYPE IM	BA0172073	PRESSURE GAUGE TYPE IM
BA0046090	COPPER WASHER	BA0038657	WASHER
BA0046101	CONNECTOR, BULKHEAD STRAIGHT	BA0012404	CONNECTOR, BULKHEAD STRAIGHT

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0046106	GLAND M75 EXE BRASS Ø54,5-68,2MM	BA0173571	GLAND M75 EXE NICKEL PLATED Ø51,0-64,0MM
BA0046129	IBOP ACTUATOR KEY/BOLT COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046131	POWER CABLE TO PC, 4 MTR.	BA0058648	POWER CABLE FOR PC 7M 3 POLE BLACK
BA0046133	PNEUMATIC CYLINDER W/SINGLE ACTING SPRING SS	BA0083772	PNEUMATIC CYLINDER W/SINGLE ACTING SPRING
BA0046232	WINCH GEAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046236	SOCKET CAP SCREW LOW HEAD	BA0034574	SOCKET CAP SCREW LOW HEAD
BA0046237	HYDRAULIC MOTOR	BA0054067	HYDRAULIC MOTOR
BA0046245	ELECTRIC MOTOR EEXD IIB T4	BA0047496	ELECTRIC MARINE MOTOR EEXDE IIBT4
BA0046273	WELDING FLANGE	BA0046272	BLIND FLANGE
BA0046282	WINCH GEAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046326	PIPE DOPER ASSEMBLY FOR HYDRAULIC ROUGHNECK	BA0082543	PIPE DOPER ASSEMBLY FOR HYDRAULIC ROUGHNECK
BA0046351	O-RING F/COVER ON TRANSMITTER 1144/1151	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046361	SELECTOR SWITCH,2X1NO,3 MTR. CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046372	BEARING	BA0057240	CYLINDRICAL ROLLER BEARING
BA0046378	A3 COLOUR PRINTER	BA0056000	A3 COLOUR PRINTER W/NETWORK
BA0046403	HYDRAULIC HOSE COMPLETE	BA0050905	HYDRAULIC HOSE COMPLETE
BA0046405	O-RING F/PROCESS FLANGE ON TRANSM. 1144	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046408	HANDLE FOR PVG 32 VALVE	BA0109911	PVG HANDLE
BA0046412	HYDR.HOSE PACK.FOR HYDR.ROUGHNECK.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046413	HYDR.HOSE PACK.FOR HYDR.ROUGHNECK.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046414	HYDR.HOSE PACK.FOR HYDR.ROUGHNECK.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046415	HYDR.HOSE PACK.FOR HYDR.ROUGHNECK.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046416	HYDR.HOSE PACK.FOR HYDR.ROUGHNECK.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046417	HYDR.HOSE PACK.FOR HYDR.ROUGHNECK.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046425	FLEXIBLE PART	BA0083816	RING GEAR FLEXIBLE PART
BA0046445	BOLT FOR TORQUE TUBE STABILIZER, PTD	BA0072662	LOCKING BOLT - PORTABLE TOP DRIVE, TORQUE TUB - DETAIL
BA0046472	CEAG 2X36W EX EMERGENCY LIGHT FIXTURE	BA0062812	EMERGENCY LIGHT FIXTURE W/BATTERY,FOR METAL NIPPLES
BA0046481	NICKLE PLATED GLAND	BA0082653	GLAND M20, Exd/ Exe, HAWKE NICKEL PLATED
BA0046482	NICKLE PLATED GLAND	BA0082654	GLAND M25, Exd/ Exe, HAWKE NICKEL PLATED
BA0046490	LINCH PIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046491	RADIO CONTROL, COMPLETE UNIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046492	BASE UNIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046508	COMPLETE MOTOR ADAPTER SEW EURODRIVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046509	ADAPTER SHAFT PI.SP.Ø16, LP100	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046510	ADAPTER CASING, LP100/112	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046511	DEEP GROOVE BALL BEARING, LP100/112	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046512	CIRCLIP/SNAP RING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046513	KEY, PI.SP. Ø16	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046514	KEY, LP100/112	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046515	COUPLING, HALF LP100/112	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046516	CAM RING, LP100/112	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046517	COUPLING, HALF LP100/112	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046519	SOCKET CAP SCREW	BA0076233	SOCKET CAP SCREW
BA0046529	COMPL.HIGH PRESSURE FILTER W/VIS. INDICATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046580	PC FOR WIN AC, SINGLE 2,5GHZ	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046618	PCMCIA ADAPTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046624	CYLINDER MANIFOLD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046625	INLET MANIFOLD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046639	ELECTRIC MARINE MOTOR, EEXDE IIBT4	BA0095885	ELECTRIC MOTOR EEXDE IIB T4 IP56
BA0046669	SWING GEAR	BA0079077	SWING GEAR
BA0046688	CABLE, ARMOURED, BLUE	BA0042810	INSTRUMENT CABLE ARMOURED/SHEATHED

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0046705	SAFETY RELAY FOR EM.STOP 3NO/1NK	BA0067213	EMERGENCY STOP RELAY
BA0046706	EXPANSION MODULE FOR SRB-C.46	BA0067214	EMERGENCY STOP EXPANDER MODULE FOR SRB 301ST-24V V.2
BA0046707	HENGSTLER ABSOLUTE ENCODER	BA0054990	HENGSTLER PULSE ENCODER W/CABLE
BA0046726	SPLIT PIN	BA0041685	SPLIT PIN
BA0046748	COVER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046759	SPACER	BA5010129	SPACER DDM DOLLY
BA0046760	SPACER	BA5010734	SPACER
BA0046761	SPACER	BA5010735	SPACER DDM DOLLY
BA0046764	LOCK BRACKET	BA0026070	LATCH
BA0046771	SWIVEL HOUSING	BA0019425	SWIVEL FOR 210 BAR / DDM 500
BA0046781	PIPEHANDLER DDM 750	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046792	GALV.WIRE SWL 5.5T W/POINTED END AND OPEN END	BA0073785	MAXIPACK, GALV. WIRE W/POINTED END AND CLOSED SPELTER SOCKET
BA0046807	LEGRIS NYLON TUBE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0046846	CONNECTOR, ELBOW	BA0010051	CONNECTOR, ELBOW
BA0046848	CONNECTOR, ELBOW	BA0015421	CONNECTOR, ELBOW
BA0046850	CONNECTOR, ELBOW	BA0070067	CONNECTOR, ELBOW
BA0046861	SELECTOR SWITCH 3 POS.SPRING RET.FROM L	BA0083654	SELECTOR SWITCH, 3 POS.SPRING RETURN LEFT TO CENTER
BA0046862	LOADCELL INCL.SIGNAL TRANSFORMER	BA0097623	LOADCELL INCL.SIGNAL TRANSFORMER
BA0046883	6/2 DIRECTIONAL VALVE,MAN.OPER.	BA0068613	G1/2 SIX PORT DIVERTOR VALVE 60 LPM
BA0046928	RACKER HEAD	BA1923069	RACKER HEAD,LGA
BA0046968	PROPORTIONAL VALVE	BA0062738	PROPORTIONAL VALVE
BA0046995	BOLT	BA0026679	AXLE FOR GUIDE WHEEL, PIPERACK CRANE
BA0047057	GUIDE HEAD FINGER 4	BA3013006	GUIDE HEAD FINGER 4
BA0047169	KELLY VALVE, TOP GUARD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0047169-01	KELLY VALVE, TOP GUARD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0047169-02	KELLY VALVE, TOP GUARD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0047175	WIRESHV 1 5/8" WIRE 60" DIA.NORM.TYPE	BA0065905	WIRE SHEAVE 60" GROOVED FOR 1 5/8" WIRE DIA.NORM.TYPE
BA0047259	LOADCELL SHEAR-PIN.4-20mA	BA0119529	LOADCELL SHEAR-PIN.4-20mA
BA0047283	RELAY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0047290	HOSE PROTECTOR	BA0113542	HOSE PROTECTOR
BA0047331	GUIDE FUNNEL RUBBER FOR 8-81/2"OD TOOL	BA5025124	GUIDE FUNNEL INSERT 8-8 1/2" OD TJ FOR TORQUE WRENCH
BA0047356	SIMPLICITY LICENSE, SERVER REDUNDANCY	BA0096813	CIMPLICITY SERVER + REDUNDANCY 8.2 LICENSE
BA0047363	ELECTRIC MOTOR EEXD E IIB T4, IP 56	BA0174659	EELECTRIC MOTOR EEXD E IIB T4, IP 56
BA0047364	ELECTRIC MOTOR, EEXDE IICT4, IP56	BA0174680	ELECTRIC MOTOR, EEXDE IICT4, IP56
BA0047373	TUBE END REDUCER	BA0010757	CONNECTOR, REDUCER STRAIGHT
BA0047385	RELIEF VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0047406	MALE-MALE ADAPTER	BA0055176	CONNECTOR, REDUCER STRAIGHT
BA0047414	HANDLE FOR PADLOCK W/LOCK AND PUSHBUTTON	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0047450	SHAFT, RACKER HEAD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0047475	WIPER BLADE OIL RESISTANT	BA0034059	WIPER BLADE HEAVY DUTY, 600MM
BA0047504	CONNECTOR, REDUCER STRAIGHT	BA0150021	CONNECTOR, REDUCER STRAIGHT
BA0047525	NOZZLE SCREW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0047533	WIPER ARM, PARALLEL	BA0074479	PARALLEL WIPER ARM 600MM
BA0047548	MAIN POWER LOOP FOR DDM- AC, 4"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0047569	MEASURING SENSOR W/CABLE WIRE<(>&<)>DUST WIPER	BA0035630	MEASURING SENSOR W/CABLE WIRE<(>&<)>DUST WIPER
BA0047600	SOCKET CAP SCREW	BA0050897	SOCKET CAP SCREW
BA0047601	JUNCTION BOX, AISI 316	BA0056557	JUNCTION BOX MAX 43 TERMINALS LEFT HINGED
BA0047608	JUNCTION BOX	BA0056559	JUNCTION BOX MAX 46 TERMINALS LEFT HINGED
BA0047626	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0047628	KNOB FOR HEAT CONTROL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0047639	SPINDLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0047645	LUBR.PUMP AND MOTOR ASSEMBLY W/HYDR.DRIVE	BA0174201	Lubrication pump with hydr. drive
BA0047650	PRESSURE LINE FILTER	BA0099273	OIL FILTER WITH CONVERSION KIT
BA0047652	BEVEL ROLLER BEARING	BA0011451	TAPERED ROLLER BEARING
BA0047659	AXIAL CONE ROLLER BEARING	BA0056124	AXIAL CONE ROLLER BEARING EXPLORER
BA0047665	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0047667	RECEPTACLE, PANEL MOUNTED	BA0054589	STARLINE Ex RECEPTACLE,PANEL MOUNTED
BA0047682	GEAR	BA0058494	SLEW GEARBOX
BA0047692	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0047727	INSTRUMENT CABLE	BA0028810	INSTRUMENT CABLE
BA0047733	ADAPTER W/BLACK NUT	BA0022706	ADAPTER, RAUFOSS, EEXD
BA0047740	MOUNTING KIT FOR HABONIM BALL VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0047748	VALVE BODY	BA0034748	VALVE BODY FOR HABONIM BALL VALVE
BA0047750	SELECTOR SWITCH 2 POS. W/3M CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0047773	AIR CONTITIONING IN CABIN/AZERI WEST	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0047774	THRUMATIC HEAT BLOWER W/DEFROSTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0047775	FOR AIR CONDITIONING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0047794	CEAG 2X18W EX LIGHT FIXTURE, IP66	BA0025404	CEAG 2X18W LIGHT FIXTURE (33 092 43), 110-254V AC / DC
BA0047795	SMOKE DETECTOR, 24VDC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0047804	DIGITAL OUTPUT MODULE 8CH ISOLATED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0047885	IS-CONV.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0047887	LIMIT SWITCH	BA0121229	LIMIT SWITCH
BA0047895	BATTERY FOR RADIO REMOTE CONTROL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0047970	CONNECTOR, TEE	BA0010763	CONNECTOR, TEE
BA0047990	ARM FOR PIPE DOPER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0047995	SPHERICAL ROLLER BEARING	BA0057032	SPHERICAL ROLLER BEARING, $\varnothing 90/\varnothing 160 \times 40$
BA0048004	SEALING, 83/58X1	BA0019978	EUROPIL-SEAL.
BA0048022	CARTRIDGE SWITCH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048023	PUSHBUTTON, GREEN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048036	SAFETY VALVE,HALE HAMILTON, 1" BSPP MALE	BA0098683	SAFETY RELIEF VALVE
BA0048060	PC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048073	CLAMP	BA0048073	CLAMP
BA0048080	PUSH BUTTON	BA0087569	EMERGENCY STOP PUSH BUTTON
BA0048102	ELECTRIC MOTOR, EEXDE II B T4,	BA0054104	ELECTRIC MOTOR, EEXDE IIB T4
BA0048104	PACKBOX FOR TELESCOPE CYLINDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048112	INTERMEDIATE SUB BOX 7-5/8 REG RH – BOX 6-5/8 REG RH, L=345	BA1209271-01	INTERMEDIATE SUB BOX 7-5/8 REG RH – BOX 6-5/8 REG RH, L=345
BA0048114	NITRILE O-RING	BA0073205	NITRILE O-RING
BA0048116	MAIN POWER LOOP COMPLETE, DDM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048125	HYDRAULIC HOSE COMPLETE	BA0034866	HYDRAULIC HOSE COMPLETE
BA0048129	MICRO MEMORY CARD FOR S7 300 CPU 128 KB	BA0172887	SIMATIC S7, Micro Memory Card for S7-300/C7/ET 200, 128 KB
BA0048144	SAMSUNG 15" LCD W/BACKET SET	BA0071628	15" TFT MONITOR W/VGA RCA AND RCA/BNC CONVERTER
BA0048155	SM 422 D0 16CH/24VDC CARD	BA0028066	SM 422 DIGITAL OUTPUT MODULE 16CH/24VDC
BA0048195	DIRECTIONAL VALVE,HAND OPERATED	BA0057388	4/3 WAY DIRECTIONAL VALVE
BA0048198	HYDRAULIC HOSE COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048211	PRESS.AMPLIFIER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048220	SMART TEMPERATURE TRANSMITTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048221	SENSOR ASSY W/THERMOWELL,SERIES 65	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048231	HYDRAULIC CYLINDER DRWG 8049400	BA0011684	HYDRAULIC CYLINDER DRWG 512-26, RAL 3002
BA0048270	QUICK DISCONNECT, MALE, STAINLESS STEEL	BA0107694	QUICK-ACTION COUPLING, MALE, STAINLESS STEEL
BA0048271	QUICK DISCONNECT, FEMALE, STAINLESS STEEL	BA0107697	QUICK-ACTION COUPLING, FEMALE, STAINLESS STEEL
BA0048279	PRESS.LIMIT VALVE	BA0021902	DOUBLE PRESSURE RELIEF VALVE 480BAR
BA0048298	HYDRAULIC CYLINDER DRWG 8049415	BA0022674	HYDRAULIC CYLINDER DRWG 605-21A

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0048319	3-SPEED GEARBOX A INCLUSIVE LUBE-SYSTEM	BA0122615	SHIFT GEARBOX A (INCL. LUB SYSTEM)
BA0048323	PUMP COMBINATION	BA0050945	PUMP COMBINATION
BA0048324	PUMP COMBINATION	BA0050944	PUMP COMBINATION
BA0048325	FILTER ELEMENT	BA0086418	FILTER ELEMENT STAT-FREE
BA0048326	FILTER ELEMENT	BA0086419	FILTER ELEMENT STAT-FREE
BA0048327	CARTRIDGE, ABSORBER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048328	SET OF BUFFER FOR COUPLING (12 PCS)	BA0034078	SET OF BUFFER FOR COUPLING RWN 450
BA0048329	DRIVE BELT FOR COUPLING	BA0050961	DRIVE BELT FOR COUPLING
BA0048330	DRIVE BELT FOR COUPLING	BA0050962	DRIVE BELT FOR COUPLING
BA0048331	BRAKE PAD FOR DISC BRAKE	BA0050963	PAD BRAKE
BA0048332	WEAR PLATE	BA0050947	WEAR PLATE
BA0048333	WEAR PLATE	BA0050948	WEAR PLATE
BA0048334	SEALING RING	BA0050969	RING SEALING
BA0048335	RADIAL PISTON PUMP	BA0050949	HYDR.PUMP,RADIAL PISTON
BA0048336	PRESSURE SWITCH FOR DUAL FILTER	BA0050965	SWITCH, PRESSURE
BA0048337	PROP.PRESS.LIMITING VALVE	BA0050946	PROP.VALVE PRESS.LIMITING
BA0048338	SWIVEL (DUAL LUBR.)	BA0050957	SWIVEL (DUAL LUBRICATION)
BA0048339	SWIVEL (TRIPLE LUBR.)	BA0050958	SWIVEL (TRIPLE LUBRICATION)
BA0048342	4/2 WAY VALVE FOR HY.SCHEME OF DISCBRAKE	BA0050966	4/2 WAY HYDR. VALVE
BA0048343	4/2 WAY VALVE FOR GEAR SHIFT.LUBR.SYSTEM	BA0050967	4/2 WAY HYDR. VALVE
BA0048344	3/2 WAY VALVE	BA0050951	3/2 WAY VALVE
BA0048345	3/2 WAY VALVE	BA0050972	3/2 WAY VALVE
BA0048346	PRESS.LIMITING VALVE	BA0050970	VALVE PRESSURE LIMITING
BA0048347	PRESS.LIMITING VALVE	BA0050968	VALVE, PRESSURE LIMITING
BA0048348	PRESS.TRANDUCER 250	BA0050956	TRANSUCER PRESSURE-0-250 BAR
BA0048349	PRESS.TRANDUCER 60	BA0086600	TRANSUCER PRESSURE-0-60 BAR
BA0048350	PRESS.TRANDUCER 40	BA0086598	TRANSUCER PRESSURE-0-40 BAR
BA0048351	PRESSURE GAUGE 250	BA0050959	GAUGE, PRESSURE
BA0048352	PRESSURE GAUGE 100	BA0050960	PRESSURE GAUGE
BA0048353	PRESSURE GAUGE 16	BA0056630	PRESSURE GAUGE
BA0048398	SEAL KIT FOR CYLINDER	BA0011562	SEAL KIT FOR CYLINDER
BA0048411	BLADDER, 50 L, 330 BAR	BA0067913	REP.KIT FOR ACCUMULATOR BLADDER W/GASKET
BA0048413	ELECTRIC MOTOR, EEXDE IIBT4, IP56	BA0076813	ELECTRIC MOTOR, EEXDE IIB T4, IP56
BA0048438	STOPPING PLUG	BA0106991	STOPPING PLUG
BA0048439	STOPPING PLUG	BA0106989	STOPPING PLUG
BA0048440	STOPPING PLUG	BA0107960	STOPPING PLUG
BA0048441	STOPPING PLUG	BA0107898	STOPPING PLUG
BA0048442	STOPPING PLUG	BA0107897	STOPPING PLUG
BA0048443	STOPPING PLUG	BA0107961	STOPPING PLUG
BA0048444	STOPPING PLUG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048456	CABLE GLAND E205 BRASS EEXE	BA0103175	CABLE GLAND BRASS ATEX AND IECEX Ø5.0-9.1mm
BA0048457	CABLE GLAND E205 BRASS EEXE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048459	CABLE GLAND E205 BRASS EEXE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048460	CABLE GLAND E205 BRASS EEXE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048461	CABLE GLAND E205 BRASS EEXE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048462	CABLE GLAND E205 BRASS EEXE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048463	CABLE GLAND E205 BRASS EEXE	BA0103164	CABLE GLAND BRASS ATEX AND IECEX Ø26.5-32.4mm
BA0048464	CABLE GLAND E205 BRASS EEXE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048465	CABLE GLAND EEXE BRASS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048466	CABLE GLAND EEXE BRASS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048467	CABLE GLAND EEXE BRASS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0048468	CABLE GLAND EEXE BRASS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048469	CABLE GLAND EEXE BRASS	BA0106153	CABLE GLAND BRASS ATEX AND IECEX Ø50.0-56.5mm
BA0048470	CABLE GLAND BRASS EEXE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048471	CABLE GLAND EEXE BRASS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048472	CABLE GLAND EEx E, BRASS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048475	CABLE, ARMOURED,	BA0042810	INSTRUMENT CABLE ARMOURED/SHEATHED
BA0048478	SINGLE OVERCENTER VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048533	EL. FILTER INDICATOR W/RED LIGHT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048543	2/2 DIRECT. VALVE, NC,HYDR.OPER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048546	MONITOR CABLE W/NOICE DEFLECTION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048549	MATROX G450 e TV, AGP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048562	TERMINAL BLOCK, GREY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048565	TERMINAL BLOCK	BA0025452	TERMINAL BLOCK
BA0048600	COMPLETE BRACKET FOR GATELESS ROUGHNECK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048637	POWER SUPPLY 230VAC IP66	BA0063170	CEAG I/O:POWER SUPPLY TYPE B921
BA0048646	PRESS.TRANSMITTER W/5 MTR.CABLE	BA0115866	PRESS. TRANSMITTER W/5 MTR. CABLE
BA0048653	TORQUE GAUGE	BA0048719	TORQUE GAUGE
BA0048661	ELECTRIC MOTOR, EEXDE IIB T4	BA0174882	ELECTRIC MOTOR, IE3
BA0048672	SEGMENT FOR PROP. VALVE PSV/PSL(F)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048717	TORQUE GAUGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048722	ELECTRIC MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048723	ELECTRIC MOTOR,EEXDE IIC T4,IP56	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048739	TIMING RELAY	BA0053876	OFF DELAY TIMER 2C/O
BA0048749	4/3 DIR. VALVE, PIL/EL. OPER.	BA0050592	4/3 DIR. VALVE, EL./MAN. OPER.
BA0048754	SAVER SUB, PIN 6-5/8" REG - PIN NC31	BA0048754-01	SAVER SUB PIN 6-5/8" REG - PIN NC31
BA0048755	DOWTY SEAL FOR 3" SAE FLANGE	BA0055256	BONDED SEAL
BA0048758	MOG VALVE	BA0061159	DIRECTIONAL CONTROL VALVE, SERVO
BA0048797	ELECTRIC MARINE MOTOR 95 KW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048824	APPLICATION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048867	SET SCREW	BA0039528	SET SCREW
BA0048872	LOAD HOLD.AND LOWER VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048901	BONDURA BOLT	BA0036773	BONDURA PIN
BA0048903	BATTERY FOR RADIO CONTROL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0048974	CONNECTION LINKS FOR DDM-650	BA0050101	CONNECTION LINKS FOR DDM-650, COMPLETE, RAL 3002
BA0048977	SEAL KIT FOR VALVE BLOCK E7700-5 F	BA0051515	SEAL KIT FOR VALVE SECT. SIZE 5
BA0048996	HYDRAULIC HOSE COMPLETE	BA0036531	HYDRAULIC HOSE COMPLETE
BA0049003	INDUCTIVE PROXIMITY SWITCH	BA0072799	INDUCTIVE SENSOR
BA0049010	TROLLEY WEAR PLATE	BA0054315	PROTECTION PLATE FOR TROLLEY
BA0049012	SOLENOID FOR PVG	BA0067987	SOLENOID FOR PVG 32
BA0049016	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0049017	3 1/2 DIGIT INDICATOR	BA0118205	4 DIGIT INDICATOR
BA0049053	BOLT FOR BOGIE WHEEL, LGA	BA0096312	BOLT
BA0049064	COMPOSITE BEARING, HYDR.CYL.DWG.804158	BA0051830	COMPOSITE BEARING FOR HYDR. CYLINDER
BA0049072	POWER CABLE FOR COMPUTER	BA0058648	POWER CABLE FOR PC 7M 3 POLE BLACK
BA0049099	SPACER FOR CROWN BLOCK GUIDE WHEEL	BA0053878	SPACER FOR CROWN BLOCK GUIDE WHEEL
BA0049110	JOYSTICK W/2 AXIS, 2X5KOHM	BA0022011	JOYSTICK W/HANDLE B1 POTM. 2X5KOHM
BA0049141	FRAM ALLOY SHACKLE	BA0049083	SHACKLE
BA0049145	SHAFT FOR HYDR.SWIVEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0049146	HYDRAULIC SWIVEL SHAFT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0049156	JB COMP. W/M25 X2, DRAIN GLAND,TERM.	BA0056552	JUNCTION BOX EEXE W/EARTH BAR AND SCREWED LOCK
BA0049157	COMMUNICATION PROCESSOR CP342-5	BA0099471	COMMUNICATION PROCESSOR

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0049171	HEX HEAD SCREW	BA0039153	HEX HEAD SCREW
BA0049180	CABLE GLAND EEx e, BRASS	BA0110808	GLAND M90 EXE BRASS Ø67-77,6MM
BA0049185	ELECTRIC MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0049187	HARD CHROMED BOLT FOR DDM-HY DOLLY	BA0023329	HARD CHROMED BOLT FOR DDM-HY DOLLY
BA0049188	SMART TRANSMITTER POWER SUPPLY	BA0050744	SMART TRANSMITTER POWER SUPPLY
BA0049190	PRESSURE GAUGE WN-4291-A-63-16	BA0115005	PRESSURE GAUGE
BA0049193	PADEYE FOR STANDLIFT WIRE SHEAVE	BA0089896	PADEYE SWL 12T FOR STANDLIFT WIRE SHEAVE
BA0049195	SEAL KIT FOR CEL10R05AN+R1/2"VSTIPLUG	BA0069402	SEAL KIT CEL10 CARTRIDGES
BA0049202	PRESSURE INDICATOR	BA0119224	PRESSURE INDICATOR
BA0049204	SPACER FOR GRIP HEAD	BA0088121	SPACER
BA0049208	+127 0000 P9281+	BA0061072	ICP DAS I-7561 USB TO RS-232/RS-422/RS-485 CONVERTER
BA0049216	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0049217	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0049218	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0049219	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0049220	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0049221	ELECTRIC MARINE MOTOR 94 KW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0049222	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0049223	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0049224	IM3011/V1, STEEL MOTOR	BA0090831	ELECTRIC MARINE MOTOR
BA0049225	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0049226	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0049227	ELECTRIC MARINE MOTOR 94 KW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0049228	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0049268	CLAMP	BA0048073	CLAMP
BA0049269	CLAMP	BA0017323	CLAMP
BA0049280	INDUCTIVE PROXIMITY SWITCH	BA0172420	INDUCTIVE SENSOR
BA0049284	CONNECTOR, STRAIGHT	BA0010658	CONNECTOR, STRAIGHT
BA0049286	CONNECTOR, TEE	BA0010660	CONNECTOR, TEE
BA0049287	CONNECTOR, TEE	BA0010679	CONNECTOR, TEE
BA0049288	CONNECTOR, ELBOW	BA0010659	CONNECTOR, ELBOW
BA0049289	CONNECTOR, ELBOW	BA0010682	CONNECTOR, ELBOW
BA0049290	CONNECTOR, ELBOW	BA0010648	CONNECTOR, ELBOW
BA0049291	CONNECTOR, ELBOW	BA0010674	CONNECTOR, ELBOW
BA0049292	CONNECTOR, ELBOW	BA0010670	CONNECTOR, ELBOW
BA0049293	CONNECTOR, ELBOW	BA0010737	CONNECTOR, ELBOW
BA0049294	CONNECTOR, ELBOW	BA0010732	CONNECTOR, ELBOW
BA0050002	LOAD CELL PIN FOR DEADLINE ANCHOR	BA0096522	LOAD CELL PIN FOR DEADLINE ANCHOR
BA0050024	VALVE FOR AIR DR.UTILITY WINCH, 5T	BA0059222	SELECTOR VALVE
BA0050031	GUIDE FUNNEL COMPLETE, 8-81/2"OD TJ	BA5025127	COMPLETE GUIDE FUNNEL ASSEMBLY 8-8 1/2 OD TJ
BA0050033	HOSE GUIDE AXLE FOR LGA	BA0061093	HOSE GUIDE SHAFT LOWER GUIDING ARM
BA0050034	TELESCOPE CYLINDER SHAFT FOR LGA	BA0061095	TELESCOPE CYL.SHAFT,LOWER GUIDING ARM
BA005005068	BOLT, ASSEMBLY	BA5005068	BOLT ASSEMBLY
BA0050054	LOWER HOUSING, TORQUE WRENCH(HIGH T.)	BA0052576	LOWER HOUSING, TORQUE WRENCH(HIGH T.)
BA0050055	UPPER HOUSING, TORQUE WRENCH(HIGH T.)	BA0052575	UPPER HOUSING, TORQUE WRENCH(HIGH T.)
BA0050059	XXXXX FOR PVG 120	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0050064	ELEMENT FOR PVG 120	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0050070	DOWTY SEAL	BA0052633	BONDED SEAL
BA0050071	SEAL KIT FOR HYDRAULIC CYLINDER	BA0060610	SEAL KIT FOR HYDRAULIC CYLINDER
BA0050073	HEAT EXCHANGER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0050074	HEAT EXCHANGER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0050108	WARNING BELL CORR.PROTECTED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0050114	ROUGHNECK FRAME, HALF FABRICATE W/PARTS	BA1913335	ROUGHNECK FRAME, HALF FABRICATE W/PARTS
BA0050124	SPACER	BA0069058	SPACER
BA0050167	TRANSFORMER	BA0088961	NORATEL TRANSFORMER 500VA 660/230V
BA0050209	JUNCTION BOX	BA0056568	JUNCTION BOX, MAX 405 TERMINALS, LEFT HINGED AND SCREWS
BA0050224	RADIO REMOTE CONTROL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0050225	RADIO REMOTE CONTROL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0050228	BOLT	BA0027415	BOLT
BA0050237	SITOP POWER FLEXI	BA0171358	SITOP PSU3600 FLEXI
BA005026571	CROWN BLOCK GUIDE WHEEL, TENSION ADJ. SCREW - YD53.	BA5026571	TENSION ADJUSTM.SCREW FOR CROWN BLOCK GUIDE WHEEL - YD53
BA0050275	SEAL KIT	BA0054752	SEAL KIT FOR FL250 BRAKE
BA0050280	SEAL KIT FOR BREVINI GEAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0050286	FRONT WINDOW GLASS, PDPH CABIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0050287	SIDE WINDOW GLASS, PDPH CABIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0050288	ROOF WINDOW GLASS, PDPH CABIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0050289	FLOOR WINDOW GLASS, PDPH CABIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0050321	BOLT	BA0011614	BOLT
BA0050324	BOLT	BA0012771	BOLT
BA0050346	HANDLING CRADLE, STEEL FRAME F/PTD500AC	BA0050649	STEEL FRAME FOR PTD-500-AC
BA0050381	4/2 DIR. VALVE, HYD/ADJ. SPRING	BA0074855	4/2 DIR. VALVE HYD/ADJ. SPRING
BA0050394	TORQUE GAUGE 0-50FT.LBSX1000(0-20mA)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0050395	TRANSFORMER ISOLATED REPEATER	BA0050744	SMART TRANSMITTER POWER SUPPLY
BA0050397	PUSH BUTTON	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0050405	PROPORTIONAL SOLENOID VALVE ATEX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0050409	PRESSURE LINE FILTER	BA0099273	OIL FILTER WITH CONVERSION KIT
BA0050413	BUSHING	BA0050037	BUSHING WEIGHT COMP.SYS.DDM
BA0050455	SPINNER BODY W/STEEL PARTS	BA0026420	SPINNER BODY W/STEEL PARTS
BA0050486	COMPLETE RADIO REMOTE CONTROL UNIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0050505	SPACER FOR FASTLINE WIRE GUIDE	BA0042066	SPACER COUNTER BAL.WIRE GUIDE
BA0050565	STANDARD LIGHT WITH DOOR-OPERATED SWITCH	BA0124413	STANDARD LIGHT WITH DOOR-OPERATED SWITCH
BA0050589	HYDRAULIC MOTOR, 103 CCM SAE B	BA0072881	HYDRAULIC MOTOR 103 CCM SAE B
BA0050630	CMPL.SET OF HYDR.HOSES W/HOSE INSERTS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0050647	BRAKE VALVE	BA0057726	BRAKE VALVE
BA0050653	SENSOR W/2 MTR CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0050654	UPPER CLAMP, HALF, MACHINED FOR T.W.DDM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0050656	HEX NUT HIGH	BA0015074	HEX NUT HIGH
BA0050657	4/2 DIR. VALVE, HYD/ADJ. SPRING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0050723	MICRO TERMINAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0050725	CONNECTOR, TEE ADAPTER	BA0151032	CONNECTOR, TEE ADAPTER
BA0050746	INCREMENTAL ROTARY ENCODER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0050747	PRESSURE TRANSMITTER W/BRACKET	BA0050831	PRESSURE TRANSMITTER W/BRACKET
BA0050779	VALVE, INCL. SEAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0050781	VALVE, INCL.SEALS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0050785	VALVE, INCL.SEAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0050804	BAIL PIN W/LOADCELL FOR DDM-650-EL-2M - SP181-151AT	BA0170505	BAIL PIN W/LOADCELL FOR DDM-650-EL-2M SP181-151AT-2
BA0050828	PRESSURE TRANSMITTER	BA0050822	PRESSURE TRANSMITTER
BA0050833	KEEPER PLATE	BA5249682	AXLE HOLDER PLATE
BA0050843	HYDRAULIC CYLINDER	BA0092858	HYDRAULIC CYLINDER DRWG 78876, RAL 3002 CARMINE RED
BA0050859	JUNCTION BOX, MAX 115 TERMINALS	BA0056561	JUNCTION BOX MAX 124 TERMINALS LEFT HINGED
BA0050860	JUNCTION BOX, MAX 42 TERMINALS	BA0056557	JUNCTION BOX MAX 43 TERMINALS LEFT HINGED
BA0050861	JUNCTION BOX, MAX 22 TERMINALS	BA0056554	JUNCTION BOX MAX 27 TERMINALS LEFT HINGED

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0050862	JUNCTION BOX, MAX 22 TERMINALS	BA0056554	JUNCTION BOX MAX 27 TERMINALS LEFT HINGED
BA0050873	PROP.VALVE BLOCK	BA0083170	PROPORTIONAL VALVE
BA0050875	CONTROL BLOCK	BA0104337	PVG 32-8 ATEX PROPORTIONAL VALVE
BA0050927	NOVIBRA ANTI-VIBRATION PAD	BA0032491	RUBBER DAMPER
BA0050928	SWITCHED SOCKET, DP WHITE	BA0052005	SWITCHED SOCKET DP WHITE
BA0050933	WINDSCREEN WIPER BLADE	BA0052370	WIPER BLADE FOR WINDOW A
BA0050934	WIPER BLADE FOR WINDOW B	BA0052371	WIPER BLADE
BA0050935	WIPER BLADE FOR WINDOWS C,D,E<(>&<)>F	BA0052372	WIPER BLADE FOR WINDOW C, D, E & F
BA0050944	PUMP COMBINATION	BA0171794	UPGRADE KIT
BA0050945	PUMP COMBINATION	BA0171751	UPGRADE KIT TO IPV 6/5-64/40
BA0050952	TRANSDUCER, PRESSURE-0-60 BAR	BA0086600	TRANSDUCER PRESSURE-0-60 BAR
BA0050953	TRANSDUCER, PRESSURE-0-40 BAR	BA0086598	TRANSDUCER PRESSURE-0-40 BAR
BA0050954	FILTER ELEMENT	BA0086418	FILTER ELEMENT STAT-FREE
BA0050955	FILTER ADSORBER COMPLETE	BA0086246	FILTER ADSORBER COMPLETE
BA0050964	BUFFER FOR COUPLING RWS 450,DWG5707285	BA0034078	SET OF BUFFER FOR COUPLING RWN 450
BA0050984	LUBE MOTOR,690V,50HZ,15KW,160LV1 EEXDE	BA0119902	LUBE MOTOR, 690V,50HZ, 18.5 kW Exe
BA0050989	PUSHBUTTON, EM.STOP, EEXE, 2 CONTACTS	BA0171620	E-STOP EX-E -2X NC+ PROTECTIVE SHROUD
BA0050992	TRANSMITTER,FLOW,WATER,H250-M7-ESK-EEX-1	BA0056716	FLOW TRANSMITTER
BA0051000	BRAKE UNIT SOLENOID CIRC.VALVE,EEXEM 11T	BA0050966	4/2 WAY HYDR. VALVE
BA0051001	SERVO VALVE	BA0050946	PROP.VALVE PRESS.LIMITING
BA0051005	CONE GREASE NIPPLE	BA0046009	CONE GREASE NIPPLE
BA0051007	SET OF BOLTS	BA0056103	SET OF BOLTS
BA0051022	EARTH LEAKAGE CIRC.BREAKER 2POL 16A,10mA	BA0087316	CIRCUIT BREAKER
BA0051077	PROFIBUS REPEATER	BA0087298	PROFIBUS REPEATER
BA0051080	FRONT-ELEMENT PUSHBUTTON SWITCH	BA0118066	FRONT ELEMENT PUSHBUTTON SWITCH
BA0051087	INTERPOSING RELAY	BA0051086	INTERPOSING RELAY
BA0051088	CURRENT DETECTION MODULE	BA0086634	CURRENT DETECTION MODULE
BA0051096	LITHIUM BATTERY,MD2000, 029 131 768	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0051099	HYDRAULIC CYLINDER DRWG 8051096	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0051123	FLANGE BEARING	BA0051399	Y-BEARING W/ROUND FLANGE
BA0051132	ELECTRIC MARINE MOTOR	BA0174710	Electric marine motor
BA0051161	TEMPOSONIC POSITION SENSOR FOR CYLINDER	BA0051159	TEMPOSONIC POSITION SENSOR FOR CYLINDER
BA0051165	TEMPOSONIC POSITION SENSOR FOR CYLINDER	BA0068200	TEMPOSONIC POSITION SENSOR FOR CYLINDER
BA0051173	4/3 DIRECTIONAL VALVE, EL./HYD.OPER.	BA0113579	DIRECTIONAL SPOOL VALVE
BA0051175	WATERFILTER	BA0052066	LIQUID STRAINER
BA0051212	PT100 ELEMENT ASSY FOR TEMP.TRANSMITTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0051213	TEMPERATURE TRANSMITTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0051217	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0051224	ROD SEAL, DSC Ø350	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0051249	CYLINDER FOR LOCK BAR, BOP CARRIER,DRWG. 8033213	BA0026890	HYDRAULIC CYLINDER DRWG 8033213
BA0051262	JUNCTION BOX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0051276	LOAD CONTROL VALVE	BA0122237	LOAD CONTROL VALVE
BA0051284	JUNCTION BOX, MAX 24 TERMINALS	BA0056554	JUNCTION BOX MAX 27 TERMINALS LEFT HINGED
BA0051297	HYDRAULIC CYLINDER DRWG XXX-XX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0051384	SOCKET FOR RITTAL CABINET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0051410	JUNCTION BOX	BA0056552	JUNCTION BOX EEXE W/EARTH BAR AND SCREWED LOCK
BA0051423	BARTEC PC TERMINAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0051425	POWER SWITCH	BA0043678	POWER SWITCH
BA0051427	SOLENOID FOR PVG 32 W/10 MTR CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0051454	PRESS. TRANSM., PS2120,1/4"BSP-FEMALE	BA0051463	PRESS.TRANSMITTER 1/4" BSP-PG9 W/2 MTR.CABLE
BA0051458	LAMINATED GLASS W/SIKA MOUNT.SET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0051467	ELECTRIC MOTOR, EEXDE II B T4,	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0051470	TRIP AMPLIFIER DUAL CHAN.W/11 P. SOCKET	BA0026936	TRIP AMPLIFIER DUAL CHAN.W/11 P. SOCKET
BA0051517	MEASURING WIRE INCL POTMETER & TRANSM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0051519	LINE MEASURE IMPELLER W/EExi TRANSFORMER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0051521	POT.METER INCL.POS.MEASUREMENT WIRE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0051529	PRESS.TRANSM.,1/4"BSP-MALE,M12,10MTR CBL, 0-350 BAR	BA0043889	PRESS.TRANSM. 1/4"BSP-MALE,M12,10MTR CBL
BA0051534	PRESSURE TRANSMITTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0051547	MAGNET VALVE	BA0051817	MAGNET VALVE
BA0051555	REDUCER ADAPTER	BA0065261	CONNECTOR, REDUCER STRAIGHT
BA0051564	FERRULE	BA0030650	FERRULE
BA0051573	DOWTY SEAL	BA0052636	BONDED SEAL
BA0051576	BOLT FOR RACKER HEAD, LGA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0051593	ELECTRICAL ACTUATION FOR PVG VALVES	BA0056248	HIGH PROP. EL. ACTIVATOR (ANODIZED) PVG 120
BA0051597	JUNCTION BOX	BA0056563	JUNCTION BOX MAX 150 TERMINALS LEFT HINGED
BA0051599	JUNCTION BOX, IP66	BA0056566	JUNCTION BOX MAX 294 TERMINALS LEFT HINGED
BA0051601	EL.ON/OFF ACTIVATOR (ANODIZED) PVG 32	BA0082193	PVEO 32 ELECTRICAL ACTIVATION W/ 5 MTR.CABLE
BA0051602	HIGH PROP.EL.ACTIVATOR (ANODIZED) PVG 32	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0051603	SUPER PROP.EL.ACTIVATOR(ANODIZED) PVG 32	BA0082535	PVES 32 ELECTRICAL ACTIVATION W/ 5 MTR.CABLE
BA0051607	MECHANICAL ACTIVATOR (ANODIZED),FOR PVG120	BA0015892	MECHANICAL ACTIVATOR FOR PVG 120, ANODIZED
BA0051608	HIGH PROP.EL. ACTIVATOR (ANODIZED PVG120	BA0056248	HIGH PROP. EL. ACTIVATOR (ANODIZED) PVG 120
BA0051634	JUNCTION BOX,MAX 115 TERMINALS	BA0056561	JUNCTION BOX MAX 124 TERMINALS LEFT HINGED
BA0051645	JUNCTION BOX, MAX 40 TERMINALS	BA0056559	JUNCTION BOX MAX 46 TERMINALS LEFT HINGED
BA0051684	O-RING FOR WINCH BODY	BA0077631	O-RING
BA0051689	CONTROL VALVE SERVICE KIT FOR K5C2	BA0077653	CONTROL VALVE SERVICE KIT FOR K5C2
BA0051695	TRANSFORMER ISOLATED REPEATER	BA0024632	SMART TRANSMITTER POWER SUPPLY
BA0051696	SENSOR W/2 MTR CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0051697	JUNCTION BOX	BA0056557	JUNCTION BOX MAX 43 TERMINALS LEFT HINGED
BA0051703	SIMATIC DP,PROTOCOL KIT FOR BUS TEST	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0051709	VIDEO CABLE CV, NEOTECH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0051766	WALL MOUNTED COOLING UNIT 500w	BA0106330	WALL MOUNTED COOLING UNIT 500W
BA0051771	SIK/SIMATIC NET PROFIBUS S7	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0051772	DISC SPRING	BA0025240	DISC SPRING
BA0051811	HENGSTLER PULSE ENCODER W/CABLE	BA0054990	HENGSTLER PULSE ENCODER W/CABLE
BA0051814	SET WIRE CLAMP INSERT- DEADLINE ANCHOR	BA5004625	SET OF WIRE CLAMP INSERT,DEADL.ANCHOR
BA0051829	LIQUID LEVEL AND TEMPERATURE SWITCH	BA0173581	LIQUID LEVEL AND TEMPERATURE SWITCH
BA0051831	COMPOSITE 2-PART BEARING FOR HYDR.CYLINDER	BA0051875	COMPOSITE 2-PART BEARING FOR HYDR.CYLINDER
BA0051837	FILTER ELEMENT,HYDRAULIC	BA0043116	FILTER ELEMENT HYDRAULIC FAIRLEY ARLON
BA0051860	SIMATIC BASIC MODULE S5 CP 581	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0051941	SIMATIC PANEL PC,670,STD.CONFIGURATION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0051946	Multiq MQ219 LCD screen with Wesa wall bracket	BA0065652	MULTIQ 219 C-3 VESA SCREEN W/NONFLEX TECGLASS
BA0051947	Multiq MQ219 LCD screen, foot model	BA0065653	MULTIQ 219 D-3 STANDARD SCREEN W/NONFLEX TECGLASS
BA0051955	SCREEN EXTENSION CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0051956	PATCH CABLE W/BUOY UNLOADER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0051965	SEAL KIT FOR HYDRAULIC CYLINDER	BA0060149	SEAL KIT FOR HYDRAULIC CYLINDER
BA0051981	CCTV WASH UNIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0051985	FIBRE PATCH PANEL	BA0170033	19" RACK MOUNTED FIBER OPTICAL PATCH PANEL 1U WITH 24 X ST CONNECTORS
BA0052018	SEAL KIT MRT CYLINDER, WITHOUT CHEVR.SEALS	BA0051373	SEALKIT FOR CYL MH/RT TEK 3049775A1
BA0052020	EMERGENCY SEAL KIT MRT CYLINDER	BA0087323	ROD SEAL DMSS-0058 SPLIT 450 <(>&<>
BA0052043	2/2 POPPET VALVE, NC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0052049	HIGH PRESSURE FILTER W/VISUAL INDICATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0052052	TORQUE TUBE STABILIZER ASSEMBLY, PTD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0052084	BOLT PH. DDM500/650L	BA0020699	BOLT Ø70X80
BA0052086	BOLT, PH. DDM500/650L	BA0025401	BOLT FOR LINK TILT ARM Ø60X158
BA0052090	SINGLE CONTROL TERMINAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0052092	ANALOG METER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0052096	OFFICE PC FOR ACG E	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0052102	PLUG, IN-LINE, CABLE MOUNTED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0052109	L=3MTR. PATCH CABLE W/BUOY UNLOADER	BA0055375	SSTP Patch Cat.6 - 3,0 m Rød LSZH
BA0052141	HYDRAULIC HOSE	BA0052390	HYDRAULIC HOSE
BA0052143	HYDRAULIC HOSE	BA0052391	HYDRAULIC HOSE
BA0052146	HYDRAULIC HOSE	BA0052392	RUBBER HOSE
BA0052152	SPLIT EMERGENCY ROD SEAL FOR RT 160K	BA0051373	SEALKIT FOR CYL MH/RT TEK 3049775A1
BA0052154	SEAL KIT FOR RT 160K CYL.WITHOUT CHEVRON	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0052171	2/2 POPPET VALVE, NC	BA0069644	2/2 POPPET VALVE, NC
BA0052178	HINGED LEAD BLOCK W/BASEPLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0052210	OPERATOR INTERFACE, EEXI	BA0170850	OPERATOR INTERFACE, EX SERIES xx6, CONFIGURED
BA0052219	FILTER A2,5-R0P00	BA0172489	CONVERSION KIT OIL FILTER
BA0052231	DOORCLOSER DORMA TS93G INCL. STANDARD ARM	BA0074368	DORMA TS93G EN-2-5 DOORCLOSER INCL. STANDARD ARM
BA0052236	WIPER BLADE, OIL RESISTANT	BA0027321	WIPER BLADE OIL RESISTANT
BA0052238	BEARING, PARALLEL WIPERARM,FRONT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0052244	WIPER ARM, PARALLEL	BA0074478	PARALLEL WIPER ARM 700MM
BA0052247	SUNBLINDS FOR WINDOWS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0052362	CONTROL VALVE BLOCK	BA0051999	HYDRAULIC PUMP
BA0052376	HYDRAULIC HOSE, COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0052378	SET SCREW	BA0039515	SET SCREW
BA0052386	LOADCELL SHEAR-PIN TYPE DRWG.ME01632 REV.A	BA0118292	LOAD CELL SHEAR-PIN DRAWING ME01632 Rev. B
BA0052412	SWITCH IP	BA0118445	SWITCH IP
BA0052423	SOCKET CAP SCREW	BA0071886	SOCKET CAP SCREW
BA0052426	DOUBLE COVER PLATE	BA0017306	TOP PLATE
BA0052445	SET OF JAW AND SHIM FOR HT TORQUE W.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0052465	GUIDE TRACK	BA0017381	GUIDE TRACK
BA0052466	GUIDE TRACK	BA0019659	GUIDE TRACK
BA0052486	SILASTIC	BA0017132	MOULD-MAKING BASE
BA0052487	CATALYST (1 LTR CAN)	BA0017131	MOULD-MAKING CURING
BA0052488	SIMPLICITY SERVER LICENSE HMI	BA0120442	LICENSE, CIMPLICITY 10 SERVER STANDARD DEVELOPMENT / RUNTIME, 35000
BA0052489	ISOLATED SOLENOID DRIVER	BA0062903	GALVANIC ISOLATED SOLENOID DRIVER
BA0052511	OPERATOR PANEL EEXE	BA0056561	JUNCTION BOX MAX 124 TERMINALS LEFT HINGED
BA0052536	SEALING	BA0019978	EUROPIL-SEAL.
BA0052544	JUNCTION BOX	BA0056565	JUNCTION BOX MAX 66 TERMINALS LEFT HINGED
BA0052552	WELD PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0052553	WELD PLATE	BA0072194	WELD PLATE
BA0052593	HYDRAULIC CYLINDER DRWG 600-49G	BA0042865	HYDRAULIC CYLINDER DRWG 600-49F
BA0052596	SOCKET CAP SCREW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0052617	JOYSTICK, RIGHT HAND SIDE	BA0053188	JOYSTICK RIGHT HAND SIDE
BA0052618	JOYSTICK, LEFT HAND SIDE	BA0053189	JOYSTICK LEFT HAND SIDE
BA0052626	DOWTY SEAL	BA0052634	BONDED SEAL
BA0052637	DOWTY SEAL	BA0055168	BONDED SEAL, BSP
BA0052638	MEMORY CARD 512 KMB FLASH EPROM	BA0069192	SIMATIC S7 MICRO MEMORY CARD 512KB
BA0052640	SAVER SUB, PIN 6-5/8" REG - PIN XT39	BA0052640-01	SAVER SUB, PIN 6-5/8" REG - PIN XT39
BA0052648	KELLY VALVE TOPGUARD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0052651	KELLY VALVE TOPGUARD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0052654	ROT. PULS TRANSMITTER	BA0171633	INCREMENTAL ROTARY ENCODER

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0052667	OFFICE PC, P4 3.0GHz, 512 RAM, 80 GB HD	BA0092647	DELL OPTIPLEX 7010 USFF OFFICE PC FOR XP
BA0052672	DELTA SUPPORT RING	BA5027051	DELTA RING FACE
BA0052685	PC / SERVER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0052690	KDG HOUDEC	BA0031502	OIL LEVEL SWITCH LOW LEVEL 410/LLL480
BA0052699	HYDRAULIC PISTON MOTOR W/VITON SEAL	BA0068188	HYDRAULIC PISTON PUMP,PRESSURE COMP.
BA0052701	01E HYDRAULIC PISTON MOTOR, VARIABLE	BA0028309	HYDRAULIC PISTON MOTOR VARIABLE
BA0052702	HYDRAULIC PISTON TWIN PUMP,PRESS.COMP.	BA0035130	HYDRAULIC PISTON TWIN PUMP,PRESS.COMP.
BA0052704	HARD DISK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0052729	CLAMPING RING	BA5018148	CLAMPING RING
BA0052734	SET OF HOSES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0052739	TEST POINT ADAPTER	BA0055193	CONNECTOR, GAUGE ADAPTER
BA0052740	SWIVEL FEMALE/BSP MALE	BA0055239	CONNECTOR, SWIVEL STUD STRAIGHT
BA0052758	HYDRAULIC HOSE, COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0052773	PROTECTION HOOD	BA5004297	PROTECTION HOOD FOR LUB PUMP
BA0052779	FOR GUNASHLI ACG PHASE III	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0052782	TRAVELLING BLOCK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0052783	CROWN BLOCK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0052784	DEAD LINE DUAL IDLER SHEAVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0052785	FASTLINE DUAL IDLER SHEAVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0052830	OPTIPLEX SX280 AC.TO OFR10468278	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0052846	CABINET FOR ROTATING EQUIPMENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0052907	ETHERNET SOFTNET S7 LEAN V6.2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053001	ONE MAN ACCESS BASKET 4,6 METER W/HYDR. INST.	BA0052774	ONE MAN BASKET W/HYDRAULIC INST.4,6 MTR.
BA0053007	SEAL KIT FOR DSC 454/25 CYLINDER	BA0048631	SEAL KIT FOR DSC 454/25 CYLINDER
BA0053008	SEAL KIT	BA0052030	SEAL KIT FOR BALL VALVE W/PNEUM.ACT
BA0053009	REPAIR KIT	BA0052029	REPAIR KIT FOR BALL VALVE W/PNEUM.ACT
BA0053017	RING	BA0047648	RING
BA0053019	FASTENING RING	BA0052539	FASTENING RING
BA0053030	HYDRAULIC HOSE COMPLETE	BA0054550	HYDRAULIC HOSE COMPLETE
BA0053050	CYLINDER SETTING COMPLETE N/P1/L-128	BA0053594	SETTING CYLINDER
BA0053070	1/2" HABONIM BALL VALVE, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053117	OVERHAUL ActuatorS 16, FOR DYNABRAKE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053121	I.H.H.T TEGNING MH 1587-56, SERTIFIKAT UTGÅR 01.01.2005	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053125	MOD.OF FLANGES FOR 2 EA MOTORS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053128	DISC I25-A28-B35-L20+1,5	BA0053052	DISC
BA0053129	HOLDING PLATE	BA0053053	HOLDING PLATE
BA0053130	WASHER	BA0053054	WASHER
BA0053131	CYLINDRIC BOLT	BA0053055	CYLINDRICAL SCREW
BA0053132	CHAIN	BA0053059	CHAIN
BA0053133	CIRCLIP	BA0053056	CIRCLIP
BA0053134	WASHER	BA0053057	WASHER
BA0053135	SLOTTED PIN	BA0053058	SLOTTED PIN
BA0053136	BANJO BOLT	BA0053061	BANJO BOLT
BA0053137	TWIN HOSE	BA0053062	TWIN HOSE
BA0053138	HOSE REEL	BA0053063	HOSE REEL
BA0053139	PRESSURE TRANSMITTER	BA0053060	PRESSURE TRANSMITTER
BA0053153	POWER SUPPLY FOR MITSUBISHI PLC MELCES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053157	FILTER ELEMENT,HYDRAULIC	BA0054523	FILTER ELEMENT FOR CONDUIT FILTER
BA0053177	SEAL KIT FOR RT CYLINDER ACCUMULATOR	BA0028782	SEAL KIT FOR RT ACCUMULATOR Ø400 1.GEN
BA0053192	LCD PANEL/KEYBOARD/MOUSE FOR 800 CABINET	BA0170019	LCD PANEL/KEYBOARD/MOUSE FOR 800 CABINET
BA0053219	VENTILATION FILTER BF 25 G 1"	BA0025091	EXHAUSTER

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0053223	HYDRAULIC HOSE PACKAGE, COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053246	+9462424, HYDRAULIC HOSE,COMPLETE	BA0021199	HYDRAULIC HOSE COMPLETE
BA0053251	HYDRAULIC HOSE PACKAGE, COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053259	OIL SEAL, POS 26	BA0043605	OIL SEAL
BA0053260	SPACER, POS 27	BA0053066	SPACER
BA0053261	PINION SLEW, Z=14, POS 28	BA0042349	PINION FOR SWING GEAR
BA0053262	CUP/CONE BEARING,FOR S100/104	BA0043607	CUP/CONE BEARING
BA0053265	LOCK PLATE, POS 99	BA0043608	LOCK PLATE
BA0053269	ARMREST FOR CHAIR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053300	PRESS.TRANSMITTER W/5 MTR.CABLE	BA0058109	PRESS.TRANSMITTER W/5 MTR.CABLE
BA0053308	WIPER BLADE, FLAT MODEL	BA0066351	WIPER BLADE FLAT MODEL
BA0053310	HYDRAULIC HOSE,COMPLETE	BA0021776	HYDRAULIC HOSE COMPLETE
BA0053318	HEX NUT	BA0051206	HEX NUT
BA0053329	WINDOWS 2003 SERVER LICENSE, ENGLISH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053335	STUD BOLT	BA0050056	STUD BOLT,HDG W/ 2 NUTS
BA0053340	EMERGENCY STOP BUTTON	BA0046578	EMERGENCY STOP SWITCH, IP65
BA0053348	FIRE EXTINGUISHER, GERMAN TEXT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053352	SEAL KIT FOR CYLINDER 506-65	BA0011578	SEAL KIT FOR CYLINDER
BA0053374	BUSHING FOR PISTON ROD, CYL.506-65	BA0024455	BUSHING
BA0053400	SOLENOID VALVE ATEX,1/4", SUBPLATE MOUNTED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053420	HYDRAULIC HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053421	HYDRAULIC HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053422	HYDRAULIC HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053423	HYDRAULIC HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053424	HYDRAULIC HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053425	HYDRAULIC HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053433	CABLE,ARMOURED	BA0048208	CABLE W/BLACK<>WHITE CONDUCTORS W/NUMBERS. ARMOURED
BA0053441	SHACKLE	BA0029786	SHACKLE 10,5T
BA0053467	ELECTRIC MOTOR, EEX nA IIB T3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053503	JUNCTION BOX Eexe	BA0057283	JUNCTION BOX, 150 TERMINALS
BA0053505	KVM LINK RACK CPU CABLE 1M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053506	RAM FOR SUPER MICRO	BA0074810	1GB RAM CHIP FOR SUPERMICRO 2 DISKS A-SERIE
BA0053509	DIAPHRAGM ACCUMULATOR	BA0019106	ACCUMULATOR WITH CLAMP
BA0053514	CHAIR , NAPPA UPHOLSTERY	BA0028742	CHAIR WITHOUT JOYSTICK CONSOLES
BA0053519	EMERGENCY SWITCH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053523	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053530	VIBRATION MEASUREMENT SENSOR HOUSING	BA1738119	SENSOR HOUSING ASSEMBLY, VIBRATION MEASUREMENT
BA0053558	DUAL SOLENOID VALVE	BA0051808	DUAL SOLENOID VALVE DIR. OPER.
BA0053561	GEAR PUMP RIGHT	BA0048291	TOOTH WHEEL PUMP RIGHT OUTER TEETHED
BA0053587	HYDRAULIC HOSE COMPLETE	BA0025908	HYDRAULIC HOSE, COMPLETE
BA0053589	SEAL KIT VITON	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053618	ELECTRIC MOTOR, EEx nA IIB T3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053632	BALL VALVE W/LOCKING DEVICE, FULL BORE	BA0085655	BALL VALVE W/LOCKING DEVICE, FULL BORE
BA0053644	BOLT FOR PROTECTION FRAME,PTD-500-AC	BA5024495	BOLT FOR PROTECTION FRAME,PTD-500-AC
BA0053674	HYDRAULIC HOSE	BA0053588	HYDRAULIC HOSE COMPLETE
BA0053690	OFFICE PC FOR ACG E	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053707	SEAL KIT FOR ARLON FILTER	BA0033897	SEAL KIT FOR RETURN FILTER
BA0053718	HARDDISC,80 GB W/HARDDISC DRAWER,WHITE,ATA 100	BA0058602	MaHy-HDD DRAWER SYSTEM/BLACK
BA0053722	SIMATEC NET INDUSTRIAL ETHERNET SOFTNET S7 LISENCE.V6,2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053740	EL.ON/OFF ACTIVATOR(ANODIZED) PVG 120	BA0082198	PVEO 120 ELECTRICAL ACTIVATIONW/ 5 MTR.CABLE
BA0053741	ISOLATION VALVE(100502-68202)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0053742	ISOLATION VALVE OVERHAULED (100502-68174)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053743	ISOLATION VALVE(100502-68189)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053745	JUNCTION BOX,LEFT HINGES AND SCREWS	BA0056561	JUNCTION BOX MAX 124 TERMINALS LEFT HINGED
BA0053746	JUNCTION BOX WITH SCREWED DOOR	BA0056553	JUNCTION BOX W/EARTH BAR SCREWED LOCK MAX 20 TERMINALS
BA0053747	JUNCTION BOX W/LEFT HINGES AND SCREWS	BA0056557	JUNCTION BOX MAX 43 TERMINALS LEFT HINGED
BA0053752	ELECTRIC MOTOR,EEXDE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053753	ELECTRIC MOTOR,EEXDE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053754	ELECTRIC MOTOR,EEXDE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053755	ELECTRIC MOTOR,EEXDE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053756	ELECTRIC MOTOR,EEXDE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053757	ELECTRIC MOTOR,EEXDE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053758	ELECTRIC MOTOR,EEXDE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053759	ELECTRIC MOTOR,EEXDE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053760	ELECTRIC MOTOR,EEXDE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053770	MPEG-4 PAN/TILT/ZOOM IP CAMERA	BA0059692	VIVOTEK PAN/TILT/ZOOM NETWORK CAMERA
BA0053771	POSITION SWITCH (PLASTIC ENC.)	BA0120588	POSITION SWITCH
BA0053774	HYDRAULIC HOSE COMPLETE	BA0021776	HYDRAULIC HOSE COMPLETE
BA0053775	HYDRAULIC HOSE	BA0021199	HYDRAULIC HOSE COMPLETE
BA0053776	HYDRAULIC HOSE	BA0021201	HYDRAULIC HOSE COMPLETE
BA0053786	BEARING	BA0058349	CYLINDRICAL ROLLER BEARING
BA0053791	INDUSTRIAL ETHERNET SWITCH,SCALANCE X204-2	BA0066774	INDUSTRIAL ETHERNET SWITCH, ZONE 2 APPROVED,SCALANCE X204-2
BA0053811	LOWER SIDE WINDOW COMPL. W/MOUNTING KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053812	SEAL REPAIR PASTE FOR WINDOW	BA0059510	SIKAFLEX 555 SEAL PASTE FOR WINDOW
BA0053822	ETHERNET SWITCH 8 PORTS 10/100	BA0058965	SWITCH 8 x 10/100/1000
BA0053882	HYDRAULIC HOSE COMPLETE	BA0036531	HYDRAULIC HOSE COMPLETE
BA0053909	HYDRAULIC FILTER ELEMENT	BA0026824	RETURN FILTER
BA0053924	CAP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053940	SEAL KIT FOR HYDRAULIC CYLINDER	BA0060828	SEAL KIT FOR HYDRAULIC CYLINDER
BA0053948	COMPL.SPINNER ASSEMBLY / ROTAMETER ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053949	BRACKET BACKWARDS TILT/PIPE POSITIONER/PIPE INDICATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0053963	BAIL PIN W/LOADCELL FOR DDM 500/650T,4-20Ma	BA0026361	BAIL PIN W/LOADCELL FOR DDM 500/650T. Ø140. 4-20mA
BA0053972	HYDRAULIC HOSE (G5K24/26000/G5432424+9452424 (X2))	BA0036531	HYDRAULIC HOSE COMPLETE
BA0053997	LIQUID LEVEL AND TEMPERATURE SWITCH	BA0053998	LIQUID LEVEL AND TEMPERATURE SWITCH
BA0053999	PRESSURE GAUGE TYPE IM	BA0012354	PRESSURE GAUGE TYPE IM
BA0054002	FUSE(QUICK 1619043)(SLOW 1619094)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054016	SIZE 5 SEGMENT FOR SPINNER CLAMP	BA0079776	SEGMENT FOR SPINNER CLAMP
BA0054018	SIZE 5 SEGMENT FOR UPPER CLAMP/LOWER CLAMP	BA0063640	CLAMP SECTION FOR SPOOL VALVE UPPER-LOWER
BA0054020	SIZE 3 SEGMENT FOR TRAVEL	BA0066950	PROPORTIONAL VALVE
BA0054025	MUD HOSE,COMPLETE	BA0053298	MUD HOSE
BA0054031	PROPORTIONAL VALVE	BA0089148	PROPORTIONAL VALVE
BA0054036	HYDRAULIC HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054037	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054038	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054057	COOLING FAN FOR MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054061	OIL SEAL	BA0067546	OIL SEAL
BA0054081	HYDRAULIC HOSE COMPLETE	BA0029335	HYDRAULIC HOSE COMPLETE
BA0054106	ADJ.SCREW	BA0051279	ADJUSTING SCREW, CROWN BLOCK GUIDE WHEEL
BA0054133	SAMSUNG 15" LCD FLAT SCREEN FOR PDPH	BA0065652	MULTIQ 219 C-3 VESA SCREEN W/NONFLEX TECGLASS
BA0054143	SHAFT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054144	GASKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054145	GLASS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0054146	STEP 7 PROF ED2004 POWER PACK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054171	PALNUT	BA0023240	PAL NUT
BA0054195	JUNCTION BOX	BA0056555	JUNCTION BOX MAX 27 TERMINALS LEFT HINGED
BA0054219	CONTROL CABLE 18AWG,62340710	BA0075483	AMPHENOL CONNECTOR WITH LID AND 1,5M ØLFLEX CABLE
BA0054243	CCTV CAMERA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054265	POTENTIAL CONNECTOR	BA0086346	VARIOFACE MODULE W/POTENTIAL RAIL (P1,P2)
BA0054266	LOCKING SPEAR Ø 50x50x5115	BA0058083	FEEDING UNIT LOCKING SPEARS
BA0054268	CIMS MEASURING DEVICE(160 KIPS)	BA0095055	CIMSMART POSITIONING MEASUREMENT SYSTEM
BA0054290	GLAND M63 EXE BRASS Ø42,5-56,3MM	BA0173570	GLAND M60 EXE NICKEL PLATED Ø36,0-51,0MM
BA0054291	JUNCTION BOX, INCL.GLANDS AND TERMINALS	BA0056557	JUNCTION BOX MAX 43 TERMINALS LEFT HINGED
BA0054292	JUNCTION BOX, INCL.GLANDS AND TERMINALS	BA0056557	JUNCTION BOX MAX 43 TERMINALS LEFT HINGED
BA0054293	JUNCTION BOX, INCL.GLANDS AND TERMINALS	BA0056557	JUNCTION BOX MAX 43 TERMINALS LEFT HINGED
BA0054294	JUNCTION BOX, INCL.GLANDS AND TERMINALS	BA0056561	JUNCTION BOX MAX 124 TERMINALS LEFT HINGED
BA0054298	NUT FOR JOYSTICK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054331	WAGO POWER SUPPLY MODULE, 24V DC, 1 A Exi	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054358	ULTRASONIC SENSOR	BA0115764	ULTRASONIC SENSOR
BA0054363	COMPL.SET OF HOSES W/HOSE INSERTS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054365	COMPL.SET OF HOSES W/HOSE INSERTS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054366	COMPL.SET OF HOSES W/HOSE INSERTS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054367	COMPL.SET OF HOSES W/HOSE INSERTS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054368	COMPL.SET OF HOSES W/HOSE INSERTS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054369	COMPL.SET OF HOSES W/HOSE INSERTS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054385	DRILL STRING COMPENSATOR,ONE COMPL.SIDE ONLY,	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054396	DIR. CONTROL VALVE	BA0054154	DIRECTIONAL VALVE
BA005442	HYDRAULIC HOSE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054428	GREASE, CATERPILLAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054436	STEEL ENCLOSURE W/HINGED LID	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054483	HYDRAULIC HOSE COMPLETE	BA0054494	HYDRAULIC HOSE COMPLETE
BA005449	MUD AGITATOR TYPE GE-10-VE, APEXINDO PROJECT	BA0054449	MUD AGITATOR TYPE GE-10-VE, APEXINDO PROJECT
BA0054514	SEAL KIT FOR SERIE 2000 STANDARD <(>&<)> WHEEL MOTOR	BA0026060	SEAL KIT FOR HYDRAULIC MOTOR CHAR LYNN
BA0054520	1/2" BALL VALVE WITH ACTUATOR, 1/2" BSPP, 207 BAR, SPRING RETURN, SS316	BA0061568	BALL VALVE W/SPRING RETURN ACTUATOR
BA0054522	1/2" BSPP NEEDLE VALVE, AISI 316	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054536	HYDRAULIC HOSE COMPLETE	BA0021199	HYDRAULIC HOSE COMPLETE
BA0054544	DRYMET BUSHING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054545	OIL SIGHT GLASS W/2 SEALS AND FRAME L=100XB65	BA0043510	OIL SIGHT GLASS W/2 SEALS AND FRAME
BA0054563	JUNCTION BOX EEXE	BA0056552	JUNCTION BOX EEXE W/EARTH BAR AND SCREWED LOCK
BA0054564	HYDRAULIC CYLINDER	BA0115771	HYDRAULIC CYLINDER FOR MUD BUCKET
BA0054566	ADAPTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054567	ADAPTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054569	POLYRAD XT-125	BA0057470	INSTRUMENT CABLE
BA0054580	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054581	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054582	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054592	HYDRAULIC HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054605	SEAL KIT FOR HYDR.CYLINDER	BA0051434	SEAL KIT FOR HYDR.CYL. LDK32/18-HUB-S2
BA0054639	ADAPTEC USB 2.0,2-PORT PCI CARD	BA0065174	USB 2.0 PCI CARD WITH 3 +1 CONNECTIONS
BA0054640	USB 2.0 VIDEO GRABBER	BA0122257	EASIER CAP - AV TO USB2.0 GRABBER
BA0054646	OPERATING CONTROL VALVES	BA0115930	OPERATING CONTROL VALVES 316SS WITH COIL
BA0054662	CCTV MULTICABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054671	DELL OFFICE PC WITHOUT SLOTS	BA0092647	DELL OPTIPLEX 7010 USFF OFFICE PC FOR XP
BA0054672	DELL OFFICE PC W/1 PCI-E SLOT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0054674	HYDRAULIC HOSE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054708	BANJO BOLT W/THROTTLE G1/8"	BA0076657	BANJO BOLT WITH THROTTLE
BA0054714	HIGH PRESSURE FILTER W/VIS. INDICATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054716	HYDRAULIC HOSE COMPLETE	BA0054065	HYDRAULIC HOSE COMPLETE
BA0054724	SEAL KIT FOR RISER TENSIONER CYLINDER 120K, CEC1.0	BA0097933	EMERGENCY ROD SEAL FOR RISER TENSIONER CYLINDER 125K
BA0054746	SENSOR W/2 MTR CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054750	SLING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054761	DOWEL PIN SPIROL,TECREEL-375	BA0054762	SPRING ARBOR WITH DOWEL PIN SPIROL FOR TECREEL-375
BA0054766	POWER SUPPLY FOR CHARGER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054773	HYDRAULIC HOSE COMPLETE	BA0054301	HYDRAULIC HOSE COMPLETE
BA0054779	POWER LOOP 1 COMPLETE PTD-500-AC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054780	POWER LOOP 1 COMPLETE PTD-500-AC	BA0054779	POWER LOOP 1 COMPLETE PTD-500-AC
BA0054781	POWER LOOP 1 COMPLETE PTD-500-AC	BA0054779	POWER LOOP 1 COMPLETE PTD-500-AC
BA0054782	POWER LOOP 1 COMPLETE PTD-500-AC	BA0054779	POWER LOOP 1 COMPLETE PTD-500-AC
BA0054783	POWER LOOP 2 COMPLETE PTD-500-AC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054784	POWER LOOP 2 COMPLETE PTD-500-AC	BA0054783	POWER LOOP 2 COMPLETE PTD-500-AC
BA0054785	POWER LOOP 2 COMPLETE PTD-500-AC	BA0054783	POWER LOOP 2 COMPLETE PTD-500-AC
BA0054787	AUX. LOOP 1 COMPLETE PTD-500-AC	BA0054786	AUX. LOOP 1 COMPLETE PTD-500-AC
BA0054790	AUX. LOOP 2 COMPLETE PTD-500-AC	BA0054789	AUX. LOOP 2 COMPLETE PTD-500-AC
BA0054791	AUX. LOOP 2 COMPLETE PTD-500-AC	BA0054789	AUX. LOOP 2 COMPLETE PTD-500-AC
BA0054811	ROOF WINDOW FOR DERRICKMANS CABIN	BA0035956	ROOF WINDOW GLASS FOR DERRICKMAN'S CABIN
BA0054812	UPPER FRONT WINDOW FOR DERRICKMAN'S CABIN	BA0035957	UPPER FRONT WINDOW FOR DERRICKMAN'S CABIN
BA0054813	LOWER FRONT WINDOW FOR DERRICKMAN'S CABIN	BA0035958	LOWER FRONT WINDOW GLASS FOR DERRICKMAN'S CABIN
BA0054814	UPPER SIDE WINDOW FOR DERRICKMAN'S CABIN	BA0035959	UPPER SIDE WINDOW FOR DERRICKMAN'S CABIN
BA0054815	LOWER SIDE WINDOW GLASS FOR DERRICKMAN'S CABIN	BA0035961	LOWER SIDE WINDOW GLASS FOR DERRICKMAN'S CABIN
BA0054816	DOOR WINDOW GLASS FOR DERRICKMANS CABIN	BA0035960	DOOR WINDOW GLASS FOR DERRICKMAN'S CABIN
BA0054828	USB CABLE FOR AGP3600T PANEL INCL.SOFTWARE	BA0061801	PROGRAM FOR PRO-FACE
BA0054833	LOADCELL AMPLIFIER	BA0170795	CLIPX SIGNAL CONDITIONER, PROFIBUS
BA0054843	PROFIBUS CABLE	BA0075972	PROFIBUS CABLE 1P 0,34MM2 + 2X1MM2
BA0054872	PNEUMATIC CYLINDER W/SINGLE ACTING SPRING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054904	RI 1/2"-3/8",BSP MALE/BSP FEMALE REDUCING ADAPTOR	BA0070298	CONNECTOR, REDUCER STRAIGHT
BA0054905	RI 3/4"-3/8",BSP MALE/BSP FEMALE,AISI-316	BA0070316	CONNECTOR, REDUCER STRAIGHT
BA0054906	RI 1"-3/4",BSP MALE/BSP FEMALE,AISI-316	BA0070306	CONNECTOR, REDUCER STRAIGHT
BA0054907	RI 1"-3/8",BSP MALE/BSP FEMALE,AISI-316	BA0070318	CONNECTOR, REDUCER STRAIGHT
BA0054908	PIPE 12x1,5mm,AISI-316 SEAMLESS	BA0011385	SEAMLESS STAINLESS STEEL TUBE
BA0054911	WELD PLATE	BA0052552	WELD PLATE
BA0054912	QUIK COUPLING	BA0107692	QUICK-ACTION COUPLING, FEMALE, STAINLESS STEEL
BA0054913	QUIK COUPLING	BA0107695	QUICK-ACTION COUPLING, MALE, STAINLESS STEEL
BA0054933	PERMAGLIDE BUSHING DRWG.5921943	BA0019978	EUROPIL-SEAL.
BA0054972	JUNCTION BOX, INCL.GLANDS AND TERMINALS	BA0056553	JUNCTION BOX W/EARTH BAR SCREWED LOCK MAX 20 TERMINALS
BA0054973	JUNCTION BOX,INCL.GLANDS AND TERMINALS	BA0056561	JUNCTION BOX MAX 124 TERMINALS LEFT HINGED
BA0054974	JUNCTION BOX.INCL.GLANDS AND TERMINALS	BA0056557	JUNCTION BOX MAX 43 TERMINALS LEFT HINGED
BA0054975	JUNCTION BOX.INCL.GLANDS AND TERMINALS	BA0056552	JUNCTION BOX EEXE W/EARTH BAR AND SCREWED LOCK
BA0054991	SWING GEAR ASS.W/HYDRAULIC MOTOR,VOAC SAE B	BA0020227	HYDRAULIC MOTOR VOAC SAE B
BA0054992	SWING GEAR ASS.W/HYDRAULIC MOTOR,VOAC SAE B	BA0020227	HYDRAULIC MOTOR VOAC SAE B
BA0054995	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0054995-01	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055001	AIR PRESSURE VESSEL,1930 LTR/310 BAR/622mm OD/	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055002	AIR PRESSURE VESSEL,2200 LTR/207 BAR/610mm OD/	BA5055855	ACCUMULATOR/WIDENECK BOTTLE 2200 LITRE, Ø610, 207 BAR
BA0055003	AIR PRESSURE VESSEL,2250 LTR/207 BAR/610mm OD/	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055011	WIPERARM, PARALLEL	BA0075114	DOGA PARALLEL WIPER ARM

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0055034	FRAM ALLOY BLUE CHAIN WITH 2 EA OMEGA 20 CONN.LINK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055041	3000 PSI FLANGE W/WELDING HUB COMPL.	BA0071340	FLANGE, RETAIN RING SYSTEM
BA0055046	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055047	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055048	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055058	BLADDER W/GASKET EHV50L-330 NITRILE	BA0067913	REP.KIT FOR ACCUMULATOR BLADDER W/GASKET
BA0055059	HYDRAULIC OIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055079	WINCH AND GEARBOX (W/MARINE SEALS)	BA0119868	WINCH UNIT
BA0055086	CABIN LIGHT, MARINE ARMATURE	BA0055085	CABIN LIGHT, MARINE ARMATURE
BA0055097	BOLT FOR RACKER HEAD, LGA	BA0053980	BOLT FOR RACKER HEAD, LGA
BA0055113	WINAC RTX 2005 LICENSE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055115	CATALYST 3750 24 10/100/1000T	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055116	CISCO GE SFP, MULTI-MODE 850NM LC CONNECTOR	BA0098253	GE SFP LC CONNECTOR SX TRANSCEIVER
BA0055117	CCTV CAMERA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055118	CATALYST 2970 24 10/100/1000T	BA0076294	CISCO CATALYST 2960 24 10/100/1000 SWITCH W/POWERCORD AND CISCO SERVICE
BA0055130	FILTER ELEMENT, β 22 μ m(c)=1000	BA0096731	FILTER ELEMENT
BA0055131	HYDR.CYL.W/END STOP VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055133	HYDRAULIC HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055161	DOWTY SEAL	BA0052630	BONDED SEAL
BA0055162	DOWTY SEAL	BA0052631	BONDED SEAL
BA0055163	DOWTY SEAL	BA0052632	BONDED SEAL
BA0055164	DOWTY SEAL	BA0052633	BONDED SEAL
BA0055165	DOWTY SEAL	BA0052634	BONDED SEAL
BA0055166	DOWTY SEAL	BA0052635	BONDED SEAL
BA0055167	DOWTY SEAL	BA0052636	BONDED SEAL
BA0055171	ADAPTOR SS	BA0056189	CONNECTOR, REDUCER STRAIGHT
BA0055174	ADAPTOR SS	BA0054901	CONNECTOR, STRAIGHT
BA0055180	CONNECTOR, SWIVEL CAP	BA0151123	CONNECTOR; SWIVEL CAP
BA0055198	CONNECTOR, BULKHEAD STRAIGHT	BA0015212	CONNECTOR, BULKHEAD STRAIGHT
BA0055199	BULKHEAD CONNECTOR W/ LOCK NUT	BA0010752	CONNECTOR, BULKHEAD STRAIGHT
BA0055208	CONNECTOR, ELBOW	BA0055202	CONNECTOR, ELBOW
BA0055209	CONNECTOR, GAUGE ADAPTOR	BA0150858	CONNECTOR, GAUGE ADAPTOR
BA0055210	CONNECTOR, GAUGE ADAPTOR	BA0150859	CONNECTOR, GAUGE ADAPTOR
BA0055224	MALE BSP UNION	BA0032549	CONNECTOR, STUD STRAIGHT
BA0055226	6020-06-04 Male	BA0032952	MALE CONN-BSPP
BA0055279	PLANETARY GEAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055296	SEAL KIT FOR HYDR. MOTOR	BA0076231	SEAL KIT FOR HYDRAULIC MOTOR
BA0055320	FAN POWER SUPPLY 1 KW	BA0076472	FAN POWER SUPPLY 1 KW
BA0055349	HYDRAULIC HOSE COMPLETE	BA0055346	HYDRAULIC HOSE COMPLETE
BA0055378	AIR PRESSURE VESSEL,2000 LTR/207 BAR/610mm OD/	BA5056986	ACCUMULATOR/WIDENECK BOTTLE 2000 LITRE \varnothing 610 207 BAR
BA0055390	ONE MAN ACCESS BASKET,5,6m INCL.REMOTE CONTROL STAND	BA2047135	ONE MAN ACCESS BASKET,5,6m INCL.REMOTE CONTROL STAND
BA0055391	REGULATOR FOR PUMP V30D	BA0048776	REGULATOR ND400 FOR HYDR. PUMP V30D
BA0055402	ARM REST FOR DRILLER CHAIR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055428	15M CABLE W/QUICK CONNECTOR FOR BA0055125	BA0118442	15M CABLE W/QUICK CONNECTOR FOR BA0055125
BA0055429	RADIO CONTROL FOR HRN,MANUAL OPERATION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055432	2 LEVEL GROUND TERMINAL BLOCK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055476	4"butterfly valve WP.16Bar	BA0122112	4"BUTTERFLY VALVE WP.16BAR
BA0055477	AIR PRESSURE VESSEL,2250 LTR/207 BAR/610mm OD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055478	AIR PRESSURE VESSEL,1600 LTR/310 BAR/622mm OD/	BA5055298	VERTICAL BOTTLE,1600 LITRE,310 BAR, \varnothing 622,ASSEMBLY
BA0055479	AIR PRESSURE VESSEL,2350 LTR/207 BAR/622mm OD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055482	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0055483-01	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055488	RETURN FILTER W/EL.INDICATOR,HIRSCHMANN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055505	PROTECTION CAP FPR SWITCH	BA0055137	PROTECTION CAP FOR SWITCH
BA0055512	HYDRAULIC HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055513	HYDRAULIC HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055514	HYDRAULIC HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055515	HYDRAULIC HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055525	SPLICE CASSETTE,2 WITH COVER	BA0176085	Splice tray black
BA0055526	SCREEN FOR IOC 2005	BA0065651	MULTIQ MQ219 OPEN FRAME SCREEN W/ NEW ANTIREFLEX GLASS
BA0055529	JUNCTION BOX	BA0056553	JUNCTION BOX W/EARTH BAR SCREWED LOCK MAX 20 TERMINALS
BA0055530	JUNCTION BOX	BA0056553	JUNCTION BOX W/EARTH BAR SCREWED LOCK MAX 20 TERMINALS
BA0055568	RADIO CONTROL FOR PIPE RACK CRANE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055571	PRESS.TRANSMITTER W/5 MTR.CABLE	BA0092986	PRESSURE TRANSMITTER W/7 MTR.CABLE 275 BAR
BA0055573-02	HYDRAULIC CYLINDER DRWG 8103805	BA0086084	HYDRAULIC CYLINDER DRWG 8103805
BA0055598	FILTER INDICATOR	BA0061075	FILTER CLOGGING INDICATOR
BA0055603	2-WAY LOUDSPEAKER (2 PCS/SET)	BA0113872	LOUDSPEAKER (PAIR)
BA0055609	VALVE HOUSING CONNECTION FOR SIDE PORT, FOR HYDRAULIC MOTOR	BA0053932	VALVE HOUSING CONNECTION FOR SIDE PORT, FOR HYDRAULIC MOTOR
BA0055610	PCI SCREEN CARD FOR INDUSTRY CLIENT	BA0064918	PCI SCREEN CARD FOR INDUSTRY CLIENT
BA0055613	FILTER ELEMENT BRANDED	BA0119993	FILTER ELEMENT BRANDED STAT-FREE
BA0055617	PRESS.TRANSMITTER W/5 MTR.CABLE	BA0115856	PRESS. TRANSMITTER W/5 MTR. CABLE
BA0055629	PROPORTIONAL VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055631	PROPORTIONAL VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055633	SLEW GEARBOX	BA0072577	SLEW GEARBOX
BA0055636	SUPER MICRO MINI SERVER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055644	DDM-1000-AC-2M w/RETRACTABLE DOLLY	BA1700056	DDM-1000-AC-2M w/RETRACTABLE DOLLY
BA0055645	ELECTRIC MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055650	A4 COLOUR PRINTER W/NETW. <(>&<)> WIRELESS	BA0059200	A4 PRINTER FOR OFFICE PC W/NETWORK
BA0055679	3" BALL VALVE PN16 CARBON	BA0099773	3" BALL VALVE PN16/40 CARBON A216WCB
BA0055681	NEW TEXT: 2" Ball valve Wafer 42mm bore	BA0060102	BALL VALVE 2"
BA0055684	6" ISO 6164 BLIND FLANGE W/PLUG HOLE	BA0059988	FLANGE, BLIND
BA0055712	MUD PIPE FOR WASH PIPE 7500 PSI ID 3.5", NEW DESIGN TC	BA0055139	MUD PIPE 3,5" 7500 PSI NEW DESIGN TC
BA0055713	MUDPIPE FOR WASH PIPE 5000 psi ID 3"	BA0054853	MUD PIPE 3"-5000 PSI-NEW DESIGN TC
BA0055735	CABLE GLAND EEx d BRASS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055742	CABLE GLAND EEx d BRASS	BA0055738	CABLE GLAND EEx d BRASS
BA0055744	CABLE,OVERALL SCREENED,ØLFLEX 855	BA0090510	COAX CABLE ARAMID BRAIDED
BA0055784	SCREEN INSERT	BA0055780	SCREEN INSERT
BA0055785	O-RING 215,27x6,99 INCL. SUPPORT RING	BA0055781	O-RING WITH SUPPORT RING
BA0055786	LOOP	BA0055782	LOOP
BA0055787	SOFT IRON SEALING RING	BA0055783	SOFT IRON SEALING RING
BA0055802	RUBBER CORD LOOP HOSE DIA 10, ø10mm x 2560mm - NBR	BA0090669	RUBBER CORD, LOOP HOSE, DIA.10
BA0055805	FLOW INDICATOR WITH REGULATION NO.	BA0055788	FLOW INDICATOR WITH REGULATION NO.
BA0055809	SEALING	BA0099895	SEALING
BA0055811	WORM THREAD CLAMP - STANDARD A	BA0096073	HOSE CLAMP
BA0055813	FLANGE	BA0122163	FLANGE
BA0055814	FLANGE	BA0121480	FLANGE
BA0055819	VENTILATION FILTER	BA0055797	VENTILATION FILTER
BA0055860	HYDRAULIC CYLINDER W/TEMPOSONIC SENSOR DRWG.03907	BA0068282	HYDRAULIC CYLINDER W/TEMPOSONIC SENSOR,DRWG.03907
BA0055861	ARMREST FOR DCR CHAIR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055864	ELECTRIC MARINE MOTOR	BA0175518	3-PHASE SQUIRREL CAGE MOTOR
BA0055864-01	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055865	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0055886	MANIFOLD WITH CAVITY: T-24A	BA0055875	MANIFOLD WITH CAVITY: T-24A
BA0055901	WIRESHEAVE ORDINARY,CROWN/TR.BLOCK, OD1829 / ID1684	BA5170267-01	WIRESHEAVE ORDINARY FOR CROWN BL./ROCKER ARM YD53
BA0055901-01	WIRESHEAVE ORDINARY,CROWN/TR.BLOCK, OD1829 / ID1684	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055901-02	WIRESHEAVE ORDINARY,CROWN/TR.BLOCK, OD1829 / ID1684	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055902	WIRESHEAVE,SUPERLIGHT FOR ROCKER ARM, OD1829 / ID1684	BA5174658	WIRESHEAVE COMPLETE,SUPER LIGHT, FOR CROWN BL./ROCKER ARM,YD53
BA0055902-01	WIRESHEAVE,SUPERLIGHT FOR ROCKER ARM, OD1829 / ID1684	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055902-02	WIRESHEAVE,SUPERLIGHT FOR ROCKER ARM, OD1829 / ID1684	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055903	WIRESHEAVE LIGHT WEIGHT, CROWN BLOCK,OD1829 / ID1684	BA5174657-01	WIRESHEAVE COMPLETE,ORDINARY FOR CROWN BL./ROCKER ARM,YD53
BA0055903-01	WIRESHEAVE LIGHT WEIGHT, CROWN BLOCK,OD1829 / ID1684	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055903-02	WIRESHEAVE LIGHT WEIGHT, CROWN BLOCK,OD1829 / ID1684	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055916	MULTI DISC BRAKE	BA0050089	BRAKE
BA0055939	VEGAFLEX 61 MICROWAVE LEVEL TRANSMITTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055955	SHAFT	BA0054943	AXLE FOR RACKER HEAD
BA0055966	EX VIBRATION MODULE FOR MULTIPLEXER	BA0060350	VIBRATION MODULE, EX VERSION
BA0055977	SHAFT SEAL KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055984	LOCTITE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0055985	LOCTITE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056011	PRESS.TRANSMITTER W/5 MTR.CABLE	BA0092988	PRESSURE TRANSMITTER W/5 MTR.CABLE 350 BAR
BA0056033	MONITOR, NON EX,RIGHT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056034	ISOLATION VALVE(100502-OVERH)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056035	ISOLATION VALVE(100502-OVERH)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056038	WAGO 750-507 2-CHANNEL DO 24VDC/2,0A W/DIAGNOSE	BA0058852	WAGO 2-CHANNEL DO 24VDC/2 0A W/DIAGNOSE
BA0056058	O-RING FOR 6" SEALCARRIER, GS HYDRO	BA0151357	O-RING
BA0056062	SEAL KIT COMPLETE FOR MRT CYLINDER	BA0051373	SEALKIT FOR CYL MH/RT TEK 3049775A1
BA0056073	HYDRAULIC MOTOR AND PUMP INCL.BRACKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056084	MPEG 4 VIDEOSERVER TO TCP/IP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056090	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056091	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056092	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056093	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056104	PC100 8,4 MH NON EX,LEFT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056106	LOADCELL SHACKLE TYPE S2KG15451AT	BA0121764	LOADCELL SHACKLE TYPE S2KG15451AT
BA0056107	OIL HEATER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056112	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056113	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056127	CARABINE CLIP	BA0011369	COUPLING LINK
BA0056139	BRACKET,PL60X114X147,TORQUE WRENCH, DDM 500	BA0046082	LINK FOR TORQUE WRENCH, DDM500/PTD500
BA0056167	LAMINATED GLASS GREEN/CLEAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056174	JUNCTION BOX	BA0056553	JUNCTION BOX W/EARTH BAR SCREWED LOCK MAX 20 TERMINALS
BA0056175	JUNCTION BOX	BA0056553	JUNCTION BOX W/EARTH BAR SCREWED LOCK MAX 20 TERMINALS
BA0056181	PLATE HEAT EXCHANGER, OIL/WATER	BA0067102	PLATE HEAT EXCHANGER OIL/WATER
BA0056220	FLASH EPROM	BA0074177	LOGO MEMORY CARD
BA0056231	ROOF FAN FOR STANDARD CABINET W/O ROOF PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056241	STANDARD CABINET CHASSIS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056242	ECC CONTENT FOR STANDARD CABINET CHASSIS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056243	PCC CONTENT FOR STANDARD CABINET CHASSIS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056244	TC CONTENT FOR STANDARD CABINET CHASSIS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056247	HIGH PROP. EL. ACTIVATOR (ANODIZED) PVG 32	BA0082192	PVEH 32 ELECTRICAL ACTIVATION W/ 10 MTR.CABLE
BA0056248	HIGH PROP. EL. ACTIVATOR (ANODIZED) PVG 120	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056249	SUPERPROP. EL. ACTIVATOR (ANODIZED) PVG 32	BA0082535	PVES 32 ELECTRICAL ACTIVATION W/ 5 MTR.CABLE
BA0056265	INCREMENTAL ENCODER INTERFACE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0056287	GUIDE ROLLER FOR DDM LOOP HOSE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056288	GUIDE ROLLER FOR MUD LOOP HOSE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056289	GUIDE ROLLER FOR DDM LOOP RIM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056290	GUIDE ROLLER FOR MUD LOOP RIM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056297	AIR PRESSURE VESSEL,2250 LTR/207 BAR/622mm OD HORIZONTAL/2"OUTLEG	BA5053016	HORIZONTAL BOTTLE, 2250 LITRE, Ø622, 207 BAR
BA0056300	INDICATING LIGHT W/3 MTR CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056302	ROTARY SELECTOR SWITCH,MAN.OPERATED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056327	USB MOUSE INTERFACE ELECTRONIC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056328	DUPLEX FIBRE PATCH CABLE W/PLUG	BA0057353	DUPLEX FIBRE PATCH CABLE W/PLUG
BA0056334	CABLE DUCT W/COVER, RAL 7035 LIGHT GREY	BA0101474	CABLE DUCT W/COVER, RAL 7035 LIGHT GREY
BA0056388	BOLT	BA0011039	BOLT FOR DSC CYLINDER/CROWN BLOCK.
BA0056404	TEMPOSONIC POSITION SENSOR FOR CYLINDER	BA0068561	TEMPOSONIC POSITION SENSOR FOR CYLINDER
BA0056411	USB2.0 CABLE A-B 3 METERS FOR MH-USBIO1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056422	PLATE FOR MONITOR HOLDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056434	AMPLIFIER CARD TO PROP. VALVE	BA0065479	DSV CONTROLLER SD6 Basic
BA0056448	FLANGE, ONE-PIECE CLAMP AND HEAD	BA0151176	FLANGE, ONE-PIECE CLAMP AND HEAD
BA0056490	COMPLETE GEARBOX W/PINION AND MOTOR ADAPTER	BA0068111	COMPLETE GEAR W/MOTOR AND BRAKE
BA0056502	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056503	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056504	PLUG	BA0060133	CABLE CONNECTOR D63 FEMALE TEMPOSONIC RH
BA0056505	PLUG	BA0060134	CABLE CONNECTOR D63 MALE
BA0056531	AIR PRESSURE VESSEL, 2000L/210Bar/622mmOD/Wideneck/3"+6" Outlet	BA5066261	ACCUMULATOR/WIDENECK BOTTLE,2000 LITRE,Ø622,207 BAR
BA0056532	AIR PRESSURE VESSEL, 2200L/210Bar/622mmOD/Wideneck/3"+6" Outlet	BA5036975	OPEN ACCUMULATOR, 2200 LITRE, Ø622, 207 BAR
BA0056577	DN100 INTERAPP DESPONIA BUTTERFLY VALVE W/EL ACT.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056579	HYDR.GEAR MOTOR W/BRAKE	BA0068111	COMPLETE GEAR W/MOTOR AND BRAKE
BA0056584	ONE MAN ACCESS BASKET	BA0059632	ACCESS BASKET
BA0056585	MH 2047136 TWO MAN, HYD <(>&< MECH COMPLETED AND FUNCTIONAL TESTED	BA0059633	ACCESS BASKET
BA0056586	ONE MAN ACCESS BASKET	BA0059630	ACCESS BASKET
BA0056587	MH 2047134 TWO MAN, HYD <(>&< MECH COMPLETED AND FUNCTIONAL TESTED	BA0059631	ACCESS BASKET
BA0056588	ACCESS BASKET,HYD <(>&< MECH COMPLETED AND FUNCTION TESTED	BA0059628	ACCESS BASKET
BA0056589	ACCESS BASKET,HYD <(>&< MECH COMPLETED AND FUNCTION TESTED	BA0059629	ACCESS BASKET
BA0056615	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056616	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056617	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056618	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056621	COMPL.RADIO CONTROL SYSTEM FOR MÆRSK JACK-UP(1)100490	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056633	PRESSURE SWITCH	BA0075760	DIFFERENTIAL PRESSURE SWITCH
BA0056635	PUMP COMBINATION	BA0050944	PUMP COMBINATION
BA0056636	PUMP COMBINATION	BA0050945	PUMP COMBINATION
BA0056639	METERING DEVICE WITH RESTRICTORS	BA0051845	THROTTLE DISTRIBUTOR METERING DEVICE
BA0056643	METERING DEVICE WITH RESTRICTORS	BA0051845	THROTTLE DISTRIBUTOR METERING DEVICE
BA0056644	FITTING FOR METERING DEVICE WITH RESTRICTORS	BA0056640	FITTING FOR METERING DEVICE WITH RESTRICTORS
BA0056645	LOCKING SCREW FOR METERING DEVICE WITH RESTRICTORS	BA0056641	LOCKING SCREW FOR METERING DEVICE WITH RESTRICTORS
BA0056646	LOCKING SCREW FOR METERING DEVICE WITH RESTRICTORS	BA0056642	LOCKING SCREW FOR METERING DEVICE WITH RESTRICTORS
BA0056655	COUNTERSUNK SCREW FOR ROPE KICKER	BA0056653	HEXAGONAL SCREW FOR WEAR PLATE
BA0056663	WASHER FOR LOCKING SEGMENT	BA0060504	DISK - WASHER 16-200HV
BA0056665	HEXAGONAL NUT FOR LOCKING SEGMENT	BA0056664	HEXAGONAL NUT FOR LOCKING SEGMENT
BA0056675	COVER FOR COUPLING	BA0056669	COVER FOR COUPLING
BA0056676	HEXAGONAL SCREW FOR COUPLING	BA0056670	HEXAGONAL SCREW FOR COUPLING
BA0056687	LOCKING SCREW FOR METERING DEVICE WITH RESTRICTORS	BA0056641	LOCKING SCREW FOR METERING DEVICE WITH RESTRICTORS
BA0056688	LOCKING SCREW FOR METERING DEVICE WITH RESTRICTORS	BA0056642	LOCKING SCREW FOR METERING DEVICE WITH RESTRICTORS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0056690	GEAR WHEEL	BA0084362	GEAR WHEEL
BA0056691	GEAR WHEEL	BA0084962	GEAR WHEEL
BA0056700	GEAR PUMP	BA0100344	GEAR PUMP
BA0056703	DIFFERENTIAL PRESSURE SWITCH	BA0076400	DIFFERENTIAL PRESSURE SWITCH
BA0056707	PRESSURE GAUGE	BA0119762	PRESSURE GAUGE ATEX CERT.
BA0056708	VALVE (BLOCK <(>&<)> BLEED)	BA0056634	VALVE (BLOCK <(>&<)> BLEED)
BA0056715	LEVEL SENSOR FOR HEATER, ROTARY TABLE	BA0066414	LEVEL SENSOR FOR HEATER ROTARY TABLE
BA0056741	OPTICAL LINK MODULE FOR PROFIBUS OLM/G12	BA0037223	MULTI MODE PROFIBUS OPTICAL LINK MODULE OLM/G12
BA0056756	FAN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056764	SOFTWARE LICENSE	BA0066771	CHART FX 7 (WEB FORMS)
BA0056765	PLATE HEAT EXCHANGER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056774	OPTIC FIBRE CABLE BLACK	BA0068765	OPTIC FIBRE CABLE
BA0056775	OIL LEVEL INDICATOR W/ TRANSMITTER AND MAGNETIC SWITCH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056777	LEVEL TRANSMITTER W/ TERMINALBOX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056783	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056784	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056789	PLUMMER BLOCK (HOUSING)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056833	CAMERA + CCTV LENS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056836	SUPER MICRO MINI SERVER/CLIENT	BA0065510	6U SATA SUPERMICRO 2 DISCS U/ RTX WITHOUT SOFTWARE
BA0056850	FLANGE, INSERT CONE	BA0151323	FLANGE, INSERT CONE
BA0056873	RADIO CONTROL FOR DFMA,MSA AND HATCHES,MANUAL OPERATION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056888	O-RING	BA0151356	O-RING
BA0056890	O-RING	BA0150230	O-RING
BA0056891	O-RING	BA0150231	O-RING
BA0056894	ISO 6164 DIN350-400 bar banded 2"	BA0054899	BONDED SEAL
BA0056902	RETAINER RING	BA0016356	RETAIN RING
BA0056905	BONDED SEAL 4" AISI 316	BA0043274	BONDED SEAL
BA0056908	Radio Control for HRN, Manual and Auto Operation	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056915	BT60-L BUTTERFLY VALVE W/ ELECTRIC ACTUATOR	BA0114679	BUTTERFLY VALVE DIN W/ ELECTRIC ACTUATOR
BA0056922	PLATE HEAT EXCHANGER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056927	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056928	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056929	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056949	STRAIGHT SWIVEL	BA0031137	ROTARY UNION, STRAIGHT , G 2", 180 BAR
BA0056962	ADAPTOR	BA0010789	CONNECTOR, STRAIGHT
BA0056963	ADAPTOR	BA0010790	CONNECTOR, STRAIGHT
BA0056964	ADAPTOR	BA0010782	CONNECTOR, STRAIGHT
BA0056965	ADAPTER	BA0010782	CONNECTOR, STRAIGHT
BA0056966	ADAPTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056967	ADAPTOR	BA0010774	CONNECTOR, STRAIGHT
BA0056968	ADAPTOR	BA0010772	CONNECTOR, STRAIGHT
BA0056969	ADAPTOR	BA0010770	CONNECTOR, STRAIGHT
BA0056972	JUNCTION BOXES FOR HPU WEST E-DRILL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0056982	AKER SOLUTIONS 3D STICKER FOR STD CABINET AND OP. CHAIR	BA0106004	MHWIRTH 3D STICKER FOR STD CABINET AND OP. CHAIR
BA0057045	PROFIBUS TROUBLESHOOTING KIT ULTRA PLUS	BA0065446	PROFIBUS ANALYZER WITH SOFTWARE
BA0057051	STEM FOR 2" BALL VALVE W NUT AND STOP PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057059	BUTTERFLY VALVE 10" WAFER W/GEAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057079	SOCKET CAP SCREW	BA0037793	SOCKET CAP SCREW
BA0057088	WELDING PLATE	BA0072194	WELD PLATE
BA0057091	COVER PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057095	CLAMP	BA0049263	CLAMP

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0057105	SAMSUNG 17" TFT FLAT SCREEN FOR PDPH	BA0065652	MULTIQ 219 C-3 VESA SCREEN W/NONFLEX TECGLASS
BA0057109	JOINT BIT, GENDER SHANGER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057111	BLANKING PLATE NG6	BA0036079	BLIND PLATE, NG6
BA0057129	NUT FOR STUD TRACK ROLLER	BA0010885	NUT FOR STUD TRACK ROLLER
BA0057169	HYDRAULIC MOTOR FOR CRANE	BA0116759	HYDRAULIC MOTOR
BA0057191	BREATHER FILTER	BA0094995	BREATHER DRYER
BA0057223	SWING GEAR ASSY.W/HYDRAULIC MOTOR	BA0055942	DRIVE GEARBOX
BA0057232	20 L, 2 COMPONENT PAINT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057238	3/2 DIRECTIONAL VALVE EL/SPRING	BA0098668	3/2 DIR.VALVE EL.OPER.EXMIIT4
BA0057271	CABINET, Compact enclosure AE, painted RAL 7035,	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057281	HOSE KIT - ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057320	ESCAPE DEVICE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057327	DRAG CHAIN - IGUS SERIES 640.25.5000 43 LINKS	BA0093071	DRAG CHAIN INKL. BRACKETS
BA0057330	PROPORTIONAL VALVE	BA0065718	PROPORTIONAL VALVE
BA0057354	MULTIMODE,DUPLEX FIBRE PATCH CABLE W/PLUG, ORANGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057355	MULTIMODE,DUPLEX FIBRE PATCH CABLE W/PLUG, ORANGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057356	MULTIMODE DUPLEX FIBRE PATCH CABLE WITH PLUGS ORANGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057357	FIBREPATCH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057358	SEAL FOR HYDRAULIC SWIVEL (Ø520) ON MDDM	BA0085727	SEAL FOR HYDRAULIC SWIVEL Ø520
BA0057382	DOUBLE LOAD CONTROL VALVE W/BLIND PLUGS	BA0072965	DOUBLE LOAD CONTROL VALVE W/BLIND PLUG
BA0057411	HYDRAULIC CYLINDER W/TEMPOSONIC SENSOR, DRWG 04447	BA0066918	HYDRAULIC CYLINDER W/TEMPOSONIC SENSOR DRWG 06304
BA0057446	CONNECTION BLOCK FOR BUSBAR	BA0059484	WEIDMÜLLER KLBÜ CO 01
BA0057455	HYDRAULIC HOSES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057474	AiC USB 2.0 Kabel A-A - 3,0 m skjøt	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057515	SWIVEL CONNECTION	BA0084404	SWIVEL CONNECTION 8" GS96 207 BAR 17-4PH
BA0057522	RADIO CONTROL FOR SBA AND TFM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057523	RADIO CONTROL FOR ELT,DSL AND TFM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057525	PRESSURE RELIEF VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057538	SEAL KIT FOR CYLINDER	BA0060604	SEAL KIT FOR HYDRAULIC CYLINDER
BA0057543	BALL VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057560	COUPLING LINK	BA0032390	COUPLING LINK
BA0057576	REMOTE CONTROL ADJUSTABLE CASING FB	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057587	POTENTIOMETER WITHOUT KNOB	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057593	SIMATIC BOX PC 840 V2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057594	SIMATIC BOX PC 840 V2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057595	HD 3,5" PEIDE 80GB	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057614	PISTON FOR BRAKE BSFH 520	BA0074403	PISTON
BA0057717	JOYSTICK W/MOUNTED CONNECTOR	BA0067810	JOYSTICK W/MOUNTED CONNECTOR AND 3.5 MTR.CABLE
BA0057720	IS PROX.SENSOR MOD.ALT-3	BA3324121	DDM JUNCTION BOX W/2 ISOLATION AMPLIFIERS,COMPLETE ASSY
BA0057725	BLANKING END	BA0019604	CONNECTOR, BLANKING END
BA0057745	FLANGE HDG/AISI-316 (FLANGE W/BOLTS AND NUTS)	BA0074921	FLANGE, RETAIN RING SYSTEM
BA0057806	TIME DELAY RELAY-DELAY BEFORE ON	BA0103140	TIME DELAY RELAY-DELAY BEFORE ON
BA0057807	SEAL KIT FOR AIR CYCLING VALVE	BA0033782	SEAL KIT FOR AIR CYCLING VALVE
BA0057813	SCREEN CABLE DVI-I TO VGA, 15M	BA0065286	SCREEN CABLE DVI-VGA MALE TO MALE, 15M
BA0057814	CATALYST 2960 20 10/100/1000	BA0076294	CISCO CATALYST 2960 24 10/100/1000 SWITCH W/POWERCORD AND CISCO SERVICE
BA0057817	CONNECTION BLOCK FOR BUSBAR	BA0059484	WEIDMÜLLER KLBÜ CO 01
BA0057821	SOCKET CAP SCREW	BA0057820	SOCKET CAP SCREW
BA0057832	PRESS.TRANSMITTER W/5 MTR.CABLE	BA0058109	PRESS.TRANSMITTER W/5 MTR.CABLE
BA0057834	CONFIGURATION CABLE I/O SYSTEM 750	BA0065527	W/Program WAGO I/O Check 2
BA0057846	SUPERMICRO CLIENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057853	WASH CONTROLLER, MH-CCTV CTRL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0057859	BONDURA BOLT	BA0043647	BONDURA PIN
BA0057873	PRESS.TRANSMITTER W/5 MTR.CABLE	BA0092981	PRESS.TRANSMITTER W/7 MTR.CABLE 20 BAR
BA0057889	1,8M KWM CABLE FOR IKM2108D	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057896	3/2 DIR.VALVE EL.OPER (Non Ex)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057915	PRESS.TRANSMITTER W/7 MTR.CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057916	PRESS.TRANSMITTER W/5 MTR.CABLE	BA0115856	PRESS. TRANSMITTER W/5 MTR. CABLE
BA0057919	HIGH PRESSURE AIR HOSE ASSY. FOR DSC	BA0068606	HIGH PRESSURE AIR HOSE ASSY.FOR DSC,INCL.HOSE PROTECTION
BA0057920	PRESSURE TRANSMITTER W/5 MTR.CABLE	BA0092988	PRESSURE TRANSMITTER W/5 MTR.CABLE 350 BAR
BA0057921	PRESSURE TRANSMITTER W/7 MTR.CABLE	BA0104945	PRESS.TRANSMITTER W/7 MTR.CABLE
BA0057923	ELECTRIC MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057939	WINCH GEARBOX 1	BA0092801	GEAR W/BREAKE
BA0057946	FLOW CONTROL VALVE	BA0054603	FLOW CONTROL VALVE
BA0057970	3U PC / SERVER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057971	6U, 41 CM DEEP SERVER, DOMAIN,DB,CCTV,GHOST, BACKUP SERVER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057972	6U PC / 41 cm DEEP SERVER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0057980	316L/EN 1.4404 ACC.TO MDS S01. SEAMLESS PIPE	BA0057420	316L/EN 1.4404 ACC.TO MDS S01, SEAMLESS PIPE
BA0058002	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058002-01	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058025	2-CHANNEL AMPLIFIER	BA0043936	2 CHANNEL AMPLIFIER, IP20
BA0058039	PRESSURE TRANSMITTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058041	MANIFOLD FOR DN50 ACC DIN 24342	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058042	2/2 WAY CARTRIDGE VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058045	COVER FOR DIN NG50 FOR CAVITY: T-8A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058048	HEX HEAD BOLT	BA0072817	HEX HEAD BOLT
BA0058059	GAUGE FOR LOAD CELL, SCALE 0-40 T, Ø100, 1/2" BSP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058060	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058082	DELL ULTRASHARP 19" LCD MONITOR HDCP, 4:3, VGA, DVI-D, 1280x1024 SXGA	BA0075777	19" MONITOR VGA,DVI-D (1280X1024)
BA0058090	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058091	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058108	PRESS.TRANSMITTER W/5 MTR.CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058109	PRESS.TRANSMITTER W/5 MTR.CABLE	BA0115857	PRESS. TRANSMITTER W/5 MTR. CABLE
BA0058113	LOWER SIDE WINDOW GLASS FOR DERRICKMAN'S CABIN	BA0035961	LOWER SIDE WINDOW GLASS FOR DERRICKMAN'S CABIN
BA0058128	HYDR.HOSE PACK.FOR HYDR.ROUGHNECK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058129	HYDR.HOSE PACK.FOR HYDR.ROUGHNECK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058153	5 1/2" DP LOCKING FINGER ASSEMBLY	BA1980652	5 1/2" D.P LOCKING FINGER ASSEMBLY
BA0058190	FIXED THROTTLE ADAPTER, M14x1,5 / G1/4" Ø2,5	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058195	PROPORTIONAL DIRECTIONAL VALVE	BA0062624	PROPORTIONAL DIRECTIONAL VALVE
BA0058215	ACCESSORY FOR TEMPERATURE TRANSMITTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058224	IMO OILPUMP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058243	EXTENDER FOR 4 SCREENS OVER FIBRE INCL.ADAPTER CARD	BA0097230	MATROX EXTENDER FOR 4 SCREENS OVER FIBRE INCL.ADAPTER CARD
BA0058245	NiCd BATTERY, 7,2V/1000 mAh, EXPLOSION PROTECTED, BLACK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058340	PROPORTIONAL VALVE	BA0058343	PROPORTIONAL VALVE
BA0058373	PLATE FOR WIRE DRUM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058388	CAST FOR KNUCKLE LINK, MDDM-1250	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058394	BACKUP CLAMP,UPPER HALF,MACHINED	BA0088940	BACKUP CLAMP,UPPER HALF, DDM/PTD, PSL1,MACHINED
BA0058399	UPPER CLAMP, HALF FOR T.W.DDM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058400	PIVOT ARM,DDM, RIGHT HAND SIDE, COMPLETE	BA0024415	PIVOT ARM – RHS. COMPLETE MACHINED.
BA0058401	PIVOT ARM,DDM, LEFT HAND SIDE,COMPLETE	BA0024414	PIVOT ARM – LHS. COMPLETE MACHINED
BA0058402	KNUCKLE LINK CONNECTION ARM DDM,RIGHT HAND SIDE,COMPLETE	BA0024412	CONNECTION ARM – RHS. COMPLETE MACHINED
BA0058403	KNUCKLE LINK CONNECTION ARM DDM,LEFT HAND SIDE,COMPLETE	BA0024413	CONNECTION ARM – LHS. COMPLETE MACHINED.
BA0058418	Radio Control for HRN, Manual and Auto Operation	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0058423	AIR PRESSURE VESSEL, 1600L/207Bar/559mmOD	BA5056117	HORIZONTAL BOTTLE, 1600 LTR, Ø559, 207 BAR,
BA0058424	AIR PRESSURE VESSEL, 1600L/300Bar/610mmOD	BA5056118	HORIZONTAL BOTTLE, 1600 LTR, Ø610, 310 BAR,
BA0058426	DUAL PILOT VALVE	BA0089705	PILOT CONTROL VALVE
BA0058463	eXlink Inlet Connector	BA0057060	eXLink Inlet Connector
BA0058470	PLUG,CABLE MOUNT, 16X16 AWG	BA0172106	AMPHENOL STARLINE EX PLUG MALE CONTACT 16X16 AWG
BA0058477	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058485	SOCKET CAP SCREW	BA0046177	SOCKET CAP SCREW
BA0058501	DEADLINE ANCHOR, 190.000 LBS, ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058502	DEADLINE ANCHOR, 190.000 LBS, ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058503	MONITOR CABLE HQ FERRIT, GOLD COATING, 12M, HE - HE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058504	MONITOR CABLE HQ FERRIT,GOLD COATING, 15M, HE - HE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058520	POSITION SWITCH (COPPER-ZINK-TINN ALLOY)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058530	SANDWICH	BA5454346	SANDWICH DAMPER
BA0058540	ELECTRO SUPPORTS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058586	SNATCH BLOCK TO SUIT 25 T SHACKLE	BA0065494	SNATCH BLOCK W/OVAL EYE
BA0058648	POWER CABLE FOR PC 7M 3 POLE BLACK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058656	HYDRAULIC CYLINDER W/TEMPOSONIC SENSOR, DRWG.8065227	BA0058973-01	HYDRAULIC CYLINDER W/TEMPOSONIC SENSOR, DRWG.8065227, RAL 3002
BA0058684	DIRECTIONAL VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058704	TEMPOSONIC POSITION SENSOR FOR CYLINDER	BA0068054	TEMPOSONIC POSITION SENSOR FOR CYLINDER
BA0058705	BALLUFF SENSOR	BA0051167	BALLUFF SENSOR
BA0058706	TEMPOSONIC POSITION SENSOR FOR CYLINDER	BA0056954	TEMPOSONIC POSITION SENSOR FOR CYLINDER
BA0058709	SET OF HOSES FOR ROTARY TABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058766	RACK AUTOMATIC TRANSFER SWITCH	BA0119281	RACK AUTOMATIC TRANSFER SWITCH
BA0058767	POWER SUPPLY FOR MULTIQ MONITOR	BA0079209	POWER SUPPLY FOR MQ219
BA0058775	HYDRAULIC HOSE COMPLETE	BA0082685	HYDRAULIC HOSE, COMPLETE
BA0058776	SPRING	BA0030782	SPRING 3MM WIRE
BA0058786	VOLTAGE REPEATER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058789	Radio Control for HRN, Manual and Auto Operation	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058814	DC POWER SUPPLY, REGULAR 24V/10A	BA0042998	SITOP POWER 10 STABIL POWER SUPPLY
BA0058819	DIGICLIP DIGITAL LOAD CELL AMPLIFIER WITH PROFIBUS DP	BA0170795	CLIPX SIGNAL CONDITIONER, PROFIBUS
BA0058927	WIRESHV 1 5/8" WIRE,60" DIA. LIGHT TYPE	BA0086539	WIRE SHEAVE MACHINED,FORGED AND WELDED
BA0058930	SOLID STATE RELAYS SOLITRON MINI-WITH INTEGR.HEATSINK	BA0091897	SOLID STATE RELAYS SOLITRON MINI-WITH INTEGRATED HEATSINK
BA0058931	HYDR./AIR SWIVEL ASSY FOR 250BAR, PTD500	BA0043215	HYDR./AIR SWIVEL ASSY FOR 250BAR, PTD500
BA0058992	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058993	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058994	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0058998	B-LINK WLL 2,1 LOCHNER PART NO. 060211	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059009	SP372-351 BAIL PIN W/LOADCELL FOR DDM-750/1000	BA5054054	SP372-351 BAIL PIN W/LOADCELL FOR DDM-750/1000 ME01993
BA0059032	CYLINDER BLOCK 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059033	FIBER OPTIC ENCODER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059039	RADIO TERMINAL FOR TFM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059040	RADIO TERMINAL FOR ELT/DLA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059041	RADIO CONTROL FOR ELT, DSL, AND TFM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059044	CCTV TOP DRIVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059059	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059060	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059061	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059062	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059063	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059064	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059065	INTEL PRO/1000 MT SERVER ADAPTER	BA0090815	INTEL PRO/1000MT PCIE DUALPORT SERVER

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0059080	ARECA RAID CONTROLLER SATA PCI-E	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059082	BLIND FLANGE, STAINLESS STEEL	BA0054033	FLANGE, BLIND
BA0059086	RADIO CONTROL FOR DFMA, MANUAL OPERATION ID11000	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059104	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059105	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059106	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059111	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059112	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059113	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059114	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059115	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059116	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059118	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059119	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059120	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059121	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059122	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059123	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059125	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059126	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059128	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059129	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059130	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059131	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059137	BEARING	BA0019091	BEARING
BA0059151-01	HYDRAULIC CYLINDER W/TEMPOSONIC SENSOR,DRWG 8065825	BA0058969-01	HYDRAULIC CYLINDER W/TEMPOSONIC SENSOR,DRWG 8065825
BA0059153-01	HYDRAULIC CYLINDER W/TEMPOSONIC SENSOR,DRWG 8065824	BA0058968-01	HYDRAULIC CYLINDER W/TEMPOSONIC SENSOR,DRWG 8065824
BA0059168	2250 LITRE BOTTLE, Ø622, 207 BAR	BA0072081	AIR PRESSURE VESSEL, 2210 LITRE, Ø610, 207 BAR
BA0059172	1600 LITRE BOTTLE, Ø622, 310 BAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059192	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059193	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059194	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059195	DELL OFFICE PC (1.86GHz/1066MHz/2MB, INT NIC)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059196	DELL OFFICE PC FOR 2 SCREENS (1.86GHz/1066MHz/2MB, INT NIC)	BA0076544	DELL OFFICE PC FOR 2 SCREENS (3GHz, 1333MHz, 6MB)
BA0059197	SPIRALINA HOSE PROTECTOR	BA0113540	HOSE PROTECTOR
BA0059201	HYDRAULIC CYLINDER, DRW 8062500	BA0059418	HYDRAULIC CYLINDER, DRWG. 05044
BA0059202	ASSEMBLY OF SPREAD BEAM W/2-PART LIFTING SLINGS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059219	PISTON ACCUMULATOR	BA0059235	PISTON ACCUMULATOR
BA0059223	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059224	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059231	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059252	PANASONIC CCTV CAMERA	BA0073388	WV-NP502 MEGAPIXEL NETWORK CAMERA
BA0059281	BEARING	BA0019827	ROLLER BEARING
BA0059294	SHACKLE	BA0011623	SHACKLE BLUE PIN 6,5 T
BA0059301	4" BLIND FLANGE W / 1/4" PLUG HOLE, DIN 350-400 BAR	BA0059920	BLIND FLANGE EN 1.4404 ACC. MDS S01
BA0059303	4XØ48 WIRE/MA.50.OF./4X25T OFF.SHACKLES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059304	4XØ52 WIRE/Q.45B.OF./4X35T KG-1130	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059305	MINITOWER OFFICE PC FOR 2 SCREENS	BA0066058	DELL OFFICE PC MINI TOWER, 2 SCREENS (2.66GHz/1333MHz/4MB)
BA0059324	WIPER ARM, PARALLEL, FOR FRONT WINDOW	BA0024688	PANTOGRAPH WIPER ARM FOR FRONT WINDOW
BA0059325	WIPER ARM, PARALLEL, FOR ROOF WINDOW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059326	SPINDLE	BA0087740	MECHANICAL DRIVE SHAFT FOR PANTOGRAPH WIPER W/ARM

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0059327	SPINDLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059336	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059346	CAM SLEEVE, CAST	BA0071361	CAM SLEEVE, CAST
BA0059356	CCTV DOME CAMERA COMPL. WITH BRACKET	BA0084599	CCTV DOME EX IP-HD,SC385, Gland, Bracket, No VFL, Copper TX
BA0059409	FB8206, COMM UNIT	BA0072100	FB8206 COMM UNIT
BA0059410	HOSE PACKAGE ACCORDING TO QUOTATION NO 0217884	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059422	POWER LOOP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059440	RADIO REMOTE CONTROL FOR RISER CHUTE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059441	EDDY CURRENT BRAKE TYPE 7838	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059453	Radio Control Panel for Winch, Manual Operation	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059489	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059490	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059491	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059515	TENS SCREW, M30X300	BA0091241	TENSION SCREW M30X300
BA0059556	SIMATEC NET IE SOFTNET, FOR 12 CONNECTIONS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059557	MPEG 4 VIDEOSERVER TO TCP/IP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059561	SOCKET CAP SCREW	BA0041964	SOCKET CAP SCREW
BA0059566	HYDRAULIC HOSE COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059576	EARTH CLAMP, 4 MM2	BA0023591	EARTH CLAMP, 4 MM2
BA0059577	QUICK DISCONNECT, MALE, STAINLESS STEEL	BA0107700	QUICK-ACTION COUPLING, MALE, STAINLESS STEEL
BA0059578	QUICK-ACTION COUPLING, FEMALE	BA0107698	QUICK-ACTION COUPLING, FEMALE, STAINLESS STEEL
BA0059581	CAP FOR QUICK COUPLING	BA0024368	QUICK COUPLING PROTECTOR, CAP
BA0059582	CAP FOR QUICK COUPLING	BA0024369	QUICK COUPLING PROTECTOR, CAP
BA0059583	PLUG FOR QUICK COUPLING	BA0024368	QUICK COUPLING PROTECTOR, CAP
BA0059584	PLUG FOR QUICK COUPLING	BA0024369	QUICK COUPLING PROTECTOR, CAP
BA0059591	TWO RADIO CONTROLS FOR HRN, MANUAL AND AUTO OPERATION. COMON CABLE ID	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059605	COMPLETE WITH BRACKET	BA0084599	CCTV DOME EX IP-HD,SC385, Gland, Bracket, No VFL, Copper TX
BA0059634	BASE PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059637	3COM SUPERSTACK SWITCH 4200 24 PORTS 10/100	BA0069340	3COM SWITCH 4210 26 PORTS
BA0059638	STRAIGHT SWIVEL 3/4"	BA0043188	ROTARY UNION STRAIGHT, G 3/4", 310 BAR
BA0059646	TEMPOSONIC POSITION SENSOR FOR CYLINDER	BA0060597	TEMPOSONIC POSITION SENSOR FOR CYLINDER
BA0059676	PRESS.TRANSMITTER W/15 MTR.CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059681	DDCS COMMUNICATION 2	BA0055332	DDCS COMMUNICATION 2
BA0059682	HIGH PRESSURE SWITCH	BA0048842	HIGH PRESS. SWITCH
BA0059683	BRAKING CHOPPER	BA0048838	BRAKING CHOPPER
BA0059684	PULSE ENCODER INTERFACE	BA0055339	PULSE ENCODER INT
BA0059685	FAN	BA0055324	FAN
BA0059686	HRC FUSE-LINK	BA0055311	HRC FUSE-LINK
BA0059691	GALV. WIRE W/POINTED END AND OPEN END	BA0059998	GALV.WIRE W/POINTED END AND CAST CLOSED SPELTER SOCKET
BA0059699	1600 LITRE BOTTLE, Ø622, 207 BAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059700	Radio Control Panel for Winch Manual Operation	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059744	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059745	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059746	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059747	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059748	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059749	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059750	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059751	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059775	SEAGATE BARRACUDA 250GB SATA HARDISK+DRAWER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059812	HOSE PACKAGE, SHEET 05	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0059817	HOSE PACKAGE, SHEET 06	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059819	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059820	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059821	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059829	HOSE PACKAGE, SHEET 01	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059830	HOSE PACKAGE, SHEET 02	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059831	HOSE PACKAGE, SHEET 03	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059832	HOSE PACKAGE, SHEET 04	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059833	SET OF ELEVATOR LINKS, RAL 3002	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059840	HOSE PACKAGE, SHEET 01	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059841	HOSE PACKAGE, SHEET 02	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059842	HOSE PACKAGE, SHEET 03	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059843	HOSE PACKAGE, SHEET 04	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059864	IP22 PROTECTION COVER FOR DOOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059897	WIRESHV 1 3/4" WIRE,60" DIA. LIGHT TYPE	BA0086537	WIRE SHEAVE MACHINED,FORGED AND WELDED
BA0059898	WIRESHV 1 3/4" WIRE,60" DIA. NORM. TYPE	BA0087333	WIRE SHEAVE MACHINED,FORGED AND WELDED, RAL 3002, RED
BA0059899	WIRESHV 1 1/2" WIRE 60" DIA.NORM.TYPE	BA0085799	WIRE SHEAVE MACHINED,FORGED AND WELDED
BA0059900	WIRESHV 1 1/2" WIRE,60" DIA. LIGHT TYPE	BA0086536	WIRE SHEAVE MACHINED,FORGED AND WELDED
BA0059907	WIRE SHEAVE, 60"GROOVED FOR 1 5/8" WIRE,DIA.NORM.TYPE	BA0087424	WIRE SHEAVE MACHINED,FORGED AND WELDED
BA0059908	PROFIBUS FIBRE OPTIC COUPLER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059909	PRESSURE VESSEL, 2350 LITRE, Ø622, 207 BAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059919	WIRELINE TENSIONER CYLINDER 200KIPS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059922	HYDRAULIC HOSE COMPLETE	BA0053883	HYDRAULIC HOSE COMPLETE
BA0059947	AIR/OIL HEAT EXCHANGER WITH DOUBLE PUMP AND MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059951	PRESSURE TRANSMITTER	BA0086915	PRESSURE TRANSMITTER
BA0059953	MEDIUM PRESSURE FILTER INLINE MOUNTING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059962	SUPERMICRO 6015P-8RB DUAL XEON 5XXX, REMOTE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059969	AUDIO AND VIDEO GRABBER	BA0122257	EASIER CAP - AV TO USB2.0 GRABBER
BA0059973	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059974	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059975	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059976	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059977	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059979	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059980	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059981	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059992	BOTTLE, 1600 LITRE, Ø559, 207 BAR,	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0059993	BOTTLE, 1600 LITRE, Ø610, 300 BAR,	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060000	ELECTRIC MARINE MOTOR 160KW, ABS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060000-01	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060001	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060002	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060003	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060004	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060005	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060006	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060007	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060008	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060009	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060010	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060011	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0060012	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060013	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060025	AIR/OIL HEAT EXCHANGER WITH DOUBLE PUMP AND MOTOR	BA0076407	AIR/OIL HEAT EXCHANGER WITH DOUBLE PUMP AND MOTOR
BA0060026	AIR/OIL HEAT EXCHANGER WITH DOUBLE PUMP AND MOTOR	BA0101504	AIR/OIL HEAT EXCHANGER WITH DOUBLE PUMP AND MOTOR
BA0060045	TWO RADIO CONTROLS FOR HRN, MANUAL AND AUTO OPERATION. COMON CABLE ID	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060053	REMOTE CONTROL ADJUSTABLE CASING FB	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060059	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060080	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060081	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060082	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060085	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060086	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060087	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060106	GUIDE CONE	BA5058958	GUIDE CONE
BA0060110	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060111	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060112	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060113	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060114	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060115	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060119	PIPE CLAMP TOP PLATE	BA0020998	TOP PLATE
BA0060120	FOOT SWITCH CONTROL PANEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060123	HYDRAULIC BOLT TENSIONER TOOL (SPECIAL)	BA0075768	HYDRAULIC BOLT TENSIONER TOOL (SPECIAL)
BA0060150	TEMPOSONIC POSITION SENSOR FOR CYLINDER	BA0062012	TEMPOSONIC SENSOR FOR HYDR.CYLINDER
BA0060154	GAUGE FOR LOAD CELL 150MM, SCALE 0-160 T Ø150 1/2" BSP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060157	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060159	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060160	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060161	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060162	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060172	CROWN BLOCK SHEAVE, ORDINARY	BA5170270	WIRESHEAVE FOR CROWN BLOCK,YD43
BA0060192	1/4" LUB. HOSE, DETAIL - YD15 riser tensioner	BA0062469	LUBR. HOSE W/COUPLINGS BOTH ENDS, 1/4" BSP 316 FEMALE
BA0060212	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060213	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060214	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060215	D/N CAMERA+VARIFOKAL 2,8-12MM CCTV LENS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060216	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060217	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060218	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060222	CLAMP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060257	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060258	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060261	ACCUMULATOR COMPL.W/ACCUMULATOR RACK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060262	HOSE KIT - ISO12151-5/3	BA0070788	HOSE PACKAGE
BA0060263	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060264	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060265	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060266	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060267	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060268	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060269	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0060270	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060271	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060272	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060297	RETAINER RING 3", AISI 302	BA0056817	RETAIN RING
BA0060318	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060319	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060320	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060321	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060323	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060324	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060325	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060327	RADIO REMOTE CONTROL, RISER CHUTE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060329	Radio Control Panel for Winch, Manual Operation	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060348	SIGNALMASTER FOR ONLINE VIBRATION MONITOR	BA0055968	SIGNAL MASTER,VIBRATION SYSTEM
BA0060362	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060363	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060364	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060365	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060366	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060367	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060381	PUSHBUTTON OPERATED 3/2 VALVE 1/8"	BA0120465	3/2 DIRECTIONAL VALVE AIR/SPR.OPER,G1/8 BLACK BUTTON
BA0060397	INPUT UNIT	BA0060397	INPUT UNIT
BA0060416	HEXAGON SOCKET PLUG	BA0043179	PLUG W/ INTERNAL HEX
BA0060417	MATROX P650 PCI-E 128 MB DUAL VGA DVI	BA0071294	MATROX DISPLAY ADAPTER M9120-E512F
BA0060423	STUD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060438	SEAL PLATE KIT - VP/VPO	BA0025976	FPS SEAL PLATE KIT-VP/VPO
BA0060457	FLANGE O-RING	BA0150814	FLANGE O-RING
BA0060458	FLANGE O-RING	BA0151318	FLANGE O-RING
BA0060476	ROOF WINDOW FOR ASS.DRILLERS CABIN	BA0057815	ROOF WINDOW GLASS FOR ASS. DRILLER'S CABIN
BA0060477	SIDE WINDOW FOR ASS.DRILLERS CABIN	BA0068472	SIDE WINDOW GLASS FOR ASS.DRILLERS CABIN
BA0060478	FRONT WINDOW FOR ASS.DRILLER'S CABIN	BA0057783	FRONT WINDOW GLASS FOR ASS. DRILLER'S CABIN
BA0060484	WIPER BLADE, OIL RESISTANT	BA0052246	WIPER BLADE 800MM HEAVY DUTY, Bosch 3 397 011 425
BA0060485	PARALLEL WIPER ARM	BA0052245	WIPER ARM, PARALLEL, SPECIAL W/ DOUBLE SPRINGS
BA0060487	WYNN WIPER BLADE, FLAT MODEL	BA0067636	WYNN WIPER BLADE FLAT MODEL
BA0060489	BOSCH WIPER MOTOR	BA0057670	BOSCH WIPER MOTOR
BA0060497	SIMATIC MICRO MEMORY CARD MMC 8M	BA0098463	SIMATIC S7 MICRO MEMORY CARD FOR S7-300/C7/ET 200 3.3 V NFLASH 8 MB
BA0060534	TEMPOSONIC POSITION SENSOR FOR CYLINDER	BA0119547	TEMPOSONIC POSITION SENSOR FOR CYLINDER
BA0060548	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060549	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060550	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060552	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060553	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060554	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060555	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060556	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060557	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060558	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060559	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060560	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060561	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060562	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0060563	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060564	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060565	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060566	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060567	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060568	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060569	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060570	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060571	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060572	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060573	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060574	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060575	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060576	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060577	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060578	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060579	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060580	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060581	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060582	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060583	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060584	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060585	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060586	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060588	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060600	TEMPOSONIC POSITION SENSOR FOR CYLINDER	BA0057556	TEMPOSONIC POSITION SENSOR FOR CYLINDER
BA0060601	TEMPOSONIC POSITION SENSOR FOR CYLINDER	BA0056954	TEMPOSONIC POSITION SENSOR FOR CYLINDER
BA0060603	SEAL KIT FOR CYLINDER	BA0032252	SEAL KIT FOR HYDRAULIC CYLINDER
BA0060607	SEAL KIT FOR CYLINDER	BA0027262	SEAL KIT FOR HYDRAULIC CYLINDER
BA0060620	SEAL KIT FOR CYLINDER	BA0027298	SEAL KIT FOR HYDRAULIC CYLINDER
BA0060621	SEAL KIT FOR CYLINDER	BA0034287	SEAL KIT FOR HYDRAULIC CYLINDER
BA0060641	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060676	PLC POWER SUPPLY 24V/2A	BA0043761	PLC POWER SUPPLY 24V/2A
BA0060688	GEARBOX	BA0118350	GEARBOX
BA0060693	RUBBER CORD, LOOP 8, L=7,5 MTR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060697	VALVE SEAT, API 8, INCL. 2 EA O-RINGS 21006661	BA0086605	VALVE SEAT API 8 INCL.2 EA O-RINGS 21006661
BA0060699	VALVE SPRING	BA0061598	VALVE SPRING
BA0060701	DIRECTIONAL SEATED VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060706	NVIDIA GeForce 8800 GTX 768MB DDR3, 2,0 GHz	BA0067514	NVIDIA GeForce 9800 GX2 1GB DDR3, 2,1 MHz
BA0060714	CYLINDER ROLLER BEARING, DIN 5412-	BA0019832	CYLINDER ROLLER BEARING
BA0060718	PROXIMITY SENSOR	BA0050644	PROXIMITY SENSOR
BA0060742	CMC CYLINDER, 1500 KIP, 720/820/7650	BA0084313	CMC MAIN CYLINDER
BA0060744	CMC FORCE EQUALIZER CYLINDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060749	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060750	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060751	REMOTE CONTROL ADJUSTABLE CASING FB	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060766	HEX.HEAD SCREW M8X25	BA0060505	HEX.HEAD SCREW M8X25
BA0060774	FLANGED BUSHING, ALLOY DEVA.METAL 115	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060804	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060810	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060816	CAST FOR RETAINER SHACKLE, MDDM-1250	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0060833	HOSE PACKAGE FOR ACCESS BASKET	BA0064631	HOSE KIT
BA0060838	TEMPOSONIC POSITIONING SENSOR FOR CYLINDER	BA0063341	POSITIONING PROFIBUS SENSOR FOR HYDRAULIC CYLINDER
BA0060839	TEMPOSONIC POSITIONING SENSOR FOR CYLINDER	BA0063343	POSITIONING PROFIBUS SENSOR FOR HYDRAULIC CYLINDER
BA0060844	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060845	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060846	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060847	HOSE KIT -ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060848	HOSE PACKAGE (ISO1)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060849	AIR CONDITIONING UNIT	BA0082270	AIR CONDITIONER 4,25 kW R-410A, 2 AC 230V 60 Hz
BA0060850	TOOTH RACK FOR BRIDGE CRANE	BA5441319	TOOTH RACK FOR BRIDGE CRANE
BA0060851	LOADCELL,SHACKLE TYPE, S2KG15451AT.	BA0121764	LOADCELL SHACKLE TYPE S2KG15451AT
BA0060865	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060878	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060886	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060887	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060890	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060891	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0060903	ROD SEAL KIT FOR CYLINDER HEAD	BA0059255	ROD SEAL KIT FOR CYLINDER HEAD
BA0060962	CONNECTOR, STRAIGHT	BA0032945	CONNECTOR, STRAIGHT
BA0060973	STRAIGHT THREAD ELBOW	BA0058615	MALE STUD ELBOW
BA0060988	ANALOG OUTPUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061001	O-RING	BA0151357	O-RING
BA0061009	MONITOR CABLE DVI-D-12 ,MALE-MALE, 12 M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061010	NETWORK COLOUR DOME CAMERA,SUPER DYNAMIC III	BA0083730	PANASONIC PTZ CCTV CAMERA
BA0061011	WESTLOCK SWITCH P/N	BA0056233	VALVE POS. LIMIT SWITCH PROX SENSOR
BA0061014	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061034	ROLLER	BA0053985	SPACER
BA0061040	CHEVRON ROD SEAL KIT SPLIT RINGS	BA0097933	EMERGENCY ROD SEAL FOR RISER TENSIONER CYLINDER 125K
BA0061055	PRESSURE TRANSMITTER	BA0094337	PRESSURE TRANSMITTER 0-16BAR EX-I IS HA
BA0061057	PATCH PANEL 24/ST + 48 EA ST-SIMPLEX CONNECTORS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061073	ELECTRIC MOTOR AB42-30 132M-4 B3/B5 8,6KW	BA0085168	EL. MOTOR HOYER- MARINE MS 132M 60Hz alu IP 55 50 grd. C
BA0061101	SELECT SWITCH,S10,S11	BA0023173	SWITCH 2-POS
BA0061102	PUSH BUTTON, START S4	BA0042342	PUSH BUTTON GREEN 1 X NO IP65
BA0061107	PUSH BUTTON, STOP S5	BA0171476	EMERGENCY STOP PUSH BUTTON
BA0061109	SELECT SWITCH, 3S4	BA0042341	SWITCH, 1-0-2, IP 65
BA0061118	LOADCELL	BA0175635	LOAD CELL w/built in amplifier
BA0061128	BREATHER FILTER	BA0094996	BREATHER DRYER
BA0061152	1U RACKMOUNT 8-CHANNEL MPEG-4 VIDEO SERVER	BA0103927	16 CHANNEL ANALOG VIDEO ENCODER
BA0061155	CYLINDER BEARING	BA0030326	SPHERICAL BEARING
BA0061167	PLUMMER BLOCK BEARING	BA0069395	PLUMMER BLOCK BEARING
BA0061179	PIPE CLAMP TOP PLATE	BA0083349	TOP PLATE
BA0061182	RUBBER HOSE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061187	SHAFT	BA0029814	CYLINDER SHAFT LOWER GUIDING ARM
BA0061189	ROLLER	BA0043961	ROLLER
BA0061203	HIGH PROP.EL.ACTIVATOR (ANODIZED) PVG 32	BA0082191	PVEH 32 ELECTRICAL ACTIVATIONW/ 5 MTR.CABLE
BA0061223	TRANSFORMER ISOLATED BARRIER	BA0030379	SWITCH AMPLIFIER
BA0061237	BALL VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061238	BALL VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061239	BALL VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061240	BALL VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061257	SWIVEL ADAPTER, FEMALE-MALE BSPP	BA0031890	CONNECTOR, SWIVEL STUD STRAIGHT

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0061297	MONITOR CABLE DVI-I DL, MALE-MALE, 5M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061298	MONITOR CABLE HQ FERRIT, GOLD COATING, 10M,HE-HE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061300	HYDRAULIC PISTON MOTOR, OVERHAULED	BA0058665	HYDRAULIC PISTON MOTOR, OVERHAULED
BA0061314	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061315	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061329	FITTING FOR METERING DEVICE W/RESTRICTOR	BA0061326	FITTING FOR METERING DEVICE W/RESTRICTOR
BA0061362	GEAR PUMP, 6,4 CM3	BA0103795	GEAR PUMP
BA0061368	MOTOR	BA0101057	MOTOR
BA0061370	MOTOR	BA0117372	MOTOR 480V 4KW 4POLE IE2
BA0061371	MOTOR	BA0117371	MOTOR 480v 7,5KW 4-POLE
BA0061373	PRESSURE TRANSMITTER	BA0086598	TRANSDUCER PRESSURE-0-40 BAR
BA0061376	TEMPERATURE TRANSMITTER	BA0086883	TEMPERATURE TRANSMITTER -30-+120°C L500
BA0061378	TEMPERATURE TRANSMITTER	BA0086610	TEMPERATURE TRANSMITTER
BA0061381	INDUCTIVE SENSOR	BA0102884	INDUCTIVE SENSOR
BA0061427	SAFETY EXTENSION RELAY	BA0107845	SAFETY EXTENSION RELAY
BA006143	BONDURA PIN	BA0061043	BONDURA PIN
BA0061431	CONNECTOR, SWIVEL STUD STRAIGHT	BA0031890	CONNECTOR, SWIVEL STUD STRAIGHT
BA0061441	RADIO REMOTE CONTROL SYSTEM FOR X-MAS TREE TROLLEY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061511	HYDRAULIC HOSE COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061550	3U SATA SUPERMICRO M/RTX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061551	4U SATA SUPERMICRO U/RTX M/NVIDIA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061552	3U SATA SUPERMICRO U/RTX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061566	3U SCSI SUPERMICRO U/RTX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061577	RADIO CONTROL FOR WINCH, EEXDE BASE UNIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061581	REMOTE CONTROL ADJUSTABLE CASING FB	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061582	4/2 WAY SOLENOID VALVE, WITH JUNCTION BOX EEX EM II T6,ATEX2129	BA0171734	4/2 WAY SOLENOID VALVE, WITH JUNCTION BOX EEX EM II T6,ATEX2129
BA0061589	RADIO CONTROL SYSTEM FOR SEADRILL 10/11 RISER FEEDING MACHINE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061597	VALVE, API 8 COMPLETE, FULL OPEN STYLE	BA0097314	VALVE COMPLETE, API 8
BA0061604	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061608	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061621	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061646	RADIAL SHAFT SEAL	BA0066176	RADIAL SHAFT SEAL
BA0061690	RADIO CONTROL FOR WINCH, EEXDE BASE UNIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061691	RADIO CONTROL FOR HRN, MANUAL OPERATION, DIRECT CONTROL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061695	WIRE ROPE, GALVANIZED, WLL 17T	BA5040061	WIRE ROPE, GALVANIZED, WLL 17T
BA0061729	ACTIVE HEAVE COMPENSATOR CYLINDER 200 - 170/105-7850	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061753	TELESCOPIC CYLINDER DRWG 8065471, SA29	BA0073104	TELESCOPIC CYLINDER DRWG 8072496, SA29
BA0061760	RADIO REMOTE CONTROL SYSTEM FOR BOP TRANSPORTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061777	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061778	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061790	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061791	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061792	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061793	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061794	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061802	PRO-FACE OPERATORS PANEL	BA0115607	PRO-FACE OPERATORS PANEL W/CANOPEN
BA0061817	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061818	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061819	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061820	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061821	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0061830	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061831	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061836	CARTRIDGE FILTER	BA0042854	FILTER
BA0061847	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061848	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061849	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061850	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061851	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061852	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061861	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061862	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061863	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061864	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061865	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061866	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061868	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061869	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061870	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061871	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061872	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061873	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061874	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061875	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061876	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061877	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061878	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061879	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061887	FILTER ELEMENT BRANDED	BA0119989	FILTER ELEMENT BRANDED STAT-FREE
BA0061889	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061890	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061891	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061898	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061899	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061900	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061921	CYLINDER ROLLER BEARING	BA0019832	CYLINDER ROLLER BEARING
BA0061938	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061939	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061940	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061941	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0061957	THERMOSTAT CARD	BA0095537	THERMOSTAT PCB CARD
BA0061977	AXLE W/PLATE DETAIL CASING STABBING BASKET	BA0046897	AXLE W/PLATE DETAIL CASING STABBING BASKET
BA0061989	CHAIN SHACKLE WITH SCREW PIN	BA0031867	SHACKLE GALVANIZED
BA0062000	DOWEL PIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062007	PROFIBUS FIBRE OPTIC P2P COUPLER	BA0062048	PROFIBUS FIBRE OPTIC COUPLER
BA0062022	2200 LITRE WIDENECK BOTTLE, Ø610, 207 BAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062047	HOSE LOOP PACKAGE -TROLLEY MOUNTED BASKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062067	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062067-01	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062081	MATROX EXTIO F1220 + OPTICAL PCI-E HOST ADAPTER	BA0097230	MATROX EXTENDER FOR 4 SCREENS OVER FIBRE INCL.ADAPTER CARD
BA0062088	PROPORTIONAL VALVE (PV1)	BA0056436	VALVE-D03 PROPORTIONAL NON PAINTED
BA0062091	CONNECTOR, BULKHEAD STRAIGHT	BA0010748	CONNECTOR, BULKHEAD STRAIGHT

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0062107	ANALOG CCTV CAMERA WITH ZOOM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062108	Position Switch	BA0071330	POSITION SWITCH FOR DAT CYLINDER
BA0062109	Wheelsensor	BA0071331	WHEEL SENSOR FOR DAT CYLINDER
BA0062111	PRESSURE TRANSMITTER W/5 MTR.CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062135	GRIPPER HEAD, BRIDGE CRANE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062136	CYLINDRIC DOWEL PIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062172	1/2" BSPP FEMALE PRESSURE REGULATOR, 0-220 BAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062222	BATTERY, RECHARGEABLE LI / ON 7.4V 1100 MaH	BA0046065	EX BATTERY FOR RADIO PANEL MC-3000 EX
BA0062233	WIRESHV 1 1/2" WIRE,60" DIA. NORM. TYPE	BA0085799	WIRE SHEAVE MACHINED,FORGED AND WELDED
BA0062234	WIRESHV 1 1/2" WIRE,60" DIA.LIGHT TYPE	BA0086536	WIRE SHEAVE MACHINED,FORGED AND WELDED
BA0062235	WIRESHV 1 3/4" WIRE,60" DIA.LIGHT TYPE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062236	WIRESHV 1 3/4" WIRE,60" DIA.NORMAL TYPE	BA0087333	WIRE SHEAVE MACHINED,FORGED AND WELDED, RAL 3002, RED
BA0062237	WIRESHV 1 5/8" WIRE,60" DIA.LIGHT TYPE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062238	WIRESHV 1 5/8" WIRE,60" DIA.NORMAL TYPE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062329	WASHER	BA0038639	WASHER
BA0062340	BATTERY DOOR KIT+HINGE PIN, SET OF	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062349	ELECTRICAL ACTUATOR FOR PVG 32 VALVE, 24V EX	BA0082535	PVES 32 ELECTRICAL ACTIVATION W/ 5 MTR.CABLE
BA0062411	RUBBER HOSE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062450	HYDRAULIC HOSE, PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062451	HYDRAULIC HOSE, PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062452	HYDRAULIC HOSE, PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062453	HYDRAULIC HOSE, PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062454	HYDRAULIC HOSE, PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062471	CONNECTOR, TEST COUPLING	BA0124240	CONNECTOR, TEST COUPLING
BA0062510	2 PAIR PROFIBUS CABLE + 2X1MM2	BA0086353	PROFIBUS CABLE 2P 0,34MM2 + 2X1MM2
BA0062512	PROFIBUS FIBRE OPTIC COUPLER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062548	PLATE, UNIPLAST 2150 WHITE	BA0062181	PLATE UNIPLASTIC 2150 WHITE
BA0062561	HOSE PACKAGE, COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062562	HOSE PACKAGE, COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062595	ARECA RAID CONTROLLER SATA PCI-E	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062602	IPSWITCH WHATSUP PROFESSIONAL WITH SA	BA0062702	WHATSUP GOLD 11, UP TO 300 DEVICES INCL.SERVICE AGREEMENT
BA0062674	WASH <(>&<)> DRYING CARD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062676	CURRENT LIMIT VALUE SWITCH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062684	GEFEN DVI JOINT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062685	MONITOR CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062704	HOSE PACKAGE COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062705	HOSE PACKAGE COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062706	HOSE PACKAGE COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062707	HOSE PACKAGE COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062708	HOSE PACKAGE COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062790	BONDURA BOLT	BA0088716	BONDURA PIN
BA0062808	HYDRAULIC GEARBOX, DWG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062821	SEAL KIT FOR CYLINDER 55154	BA0062013	SEAL KIT FOR HYDRAULIC CYLINDER
BA0062822	SEAL KIT FOR CYLINDER	BA0032089	SEAL KIT FOR HYDRAULIC CYLINDER
BA0062823	SEAL KIT FOR CYLINDER	BA0042079	SEAL KIT FOR HYDRAULIC CYLINDER
BA0062826	SEAL KIT FOR HYDRAULIC CYLINDER	BA0032451	SEAL KIT FOR HYDRAULIC CYLINDER
BA0062829	SEAL KIT FOR CYLINDER	BA0060609	SEAL KIT FOR HYDRAULIC CYLINDER
BA0062830	SENSOR FOR CYLINDER	BA0060609	SEAL KIT FOR HYDRAULIC CYLINDER
BA0062831	SENSOR FOR CYLINDER	BA0064518	SENSOR FOR HYDRAULIC CYLINDER 8064516
BA0062832	QUICK-ACTION COUPLING, PLUG	BA0024372	QUICK-ACTION COUPLING, PLUG
BA0062833	CAP FOR QUICK COUPLING 3/8" BSP	BA0024366	QUICK COUPLING PROTECTOR, CAP

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0062834	PLUG FOR QUICK COUPLING, 3/8" BSP	BA0024371	QUICK-ACTION COUPLING, PLUG
BA0062835	DUST CAP, ALUMINUM	BA0024365	QUICK-ACTION COUPLING, CAP
BA0062841	PLUG FOR QUICK COUPLING 1/4" BSP	BA0024370	QUICK-ACTION COUPLING, PLUG
BA0062842	QUICK-ACTION COUPLING, CAP	BA0024367	QUICK COUPLING PROTECTOR, CAP
BA0062874	HYDRAULIC HOSE COMPLETE	BA0056877	HYDRAULIC HOSE COMPLETE
BA0062875	HYDRAULIC HOSE COMPLETE	BA0056878	HYDRAULIC HOSE COMPLETE
BA0062920	SCREEN CABLE DVI-VGA MALE TO FEMALE 2M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062930	RADIO PANELS TORQUEMASTER MK I	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062939	ALLEN BOLT/SOCKET CAP SCREW	BA0060998	SOCKET CAP SCREW
BA0062941	TEMPOSONIC POSITION SENSOR FOR CYLINDER	BA0056954	TEMPOSONIC POSITION SENSOR FOR CYLINDER
BA0062953	BALLUFF SENSOR	BA0065219	BALLUFF SENSOR
BA0062954	SENSOR FOR HYDRAULIC CYLINDER, W/2X10 MTR CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0062973	TEMPOSONIC POSITION SENSOR FOR CYLINDER	BA0056223	TEMPOSONIC POSITION SENSOR FOR CYLINDER
BA0062979	BULKHEAD FLANGE	BA0062788	FLANGE BULKHEAD, RETAIN RING SYSTEM
BA0062981	THREAD REDUCER	BA0048158	CONNECTOR, REDUCER STRAIGHT
BA0062982	MALE THREAD FLANGE	BA0050454	FLANGE ADAPTER, RETAIN RING SYSTEM
BA0062983	MALE THREAD FLANGE	BA0062789	1-1/4" MALE THREADED FLANGE, 50 BAR SAE
BA0062984	ADAPTER PLATE ACC. TO MH 5080648.	BA5080648	PLATE, 1-1/4" SAE
BA0062987	FEMALE THREADED FLANGE	BA0047403	FLANGE ADAPTER, RETAIN RING SYSTEM
BA0062988	WELDED FLANGE BEND	BA0062787	FLANGE ELBOW, RETAIN RING SYSTEM
BA0062989	WELDED FLANGE BEND	BA0042824	FLANGE ELBOW, RETAIN RING SYSTEM
BA0062998	KEYBOARD CABLE PS/2 MALE - MALE 2 METER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063006	BUSHING FOR CYLINDER	BA0069879	BUSHING FOR HYDR. CYLINDER 592-75A/592-76A
BA0063019	OIL COOLER, PLATE HEAT EXCHANGER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063020	OIL COOLER, PLATE HEAT EXCHANGER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063021	MOUSE CABLE PS/2 MALE- MALE 2 METRES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063023	LEVEL SENSOR	BA0066414	LEVEL SENSOR FOR HEATER ROTARY TABLE
BA0063030	WAGO 787-372 ANALOG SIGNAL CONDITIONING MODULE +/- 10 Ma	BA0105717	WAGO 857-409 BIPOLAR ISOLATION AMPLIFIER
BA0063061	STARLINE INDUSTRY PLUG	BA0068479	PLUG
BA0063062	PLUG	BA0068478	PLUG WITH MECH.CLAMP (4X16 AWG)
BA0063064	LOGITECH DINOVO EDGE BLUETHOOH KEYBOARD W/MOUSE	BA0113502	KEYBOARD UPGRADE KIT, CRANE OPERATOR CHAIR
BA0063066	SEAL KIT FOR HYDRAULIC CYLINDER	BA0060618	SEAL KIT FOR HYDRAULIC CYLINDER
BA0063081	COMPRESSION SPRING	BA5157076	RETURN MECHANISM
BA0063088	HEX HEAD BOLT INCL. NUT, WASHER, LOCKNUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063094	CCTV FIXED EX ANALOG, TALITOR, GLAND, BRACKET	BA0106293	CCTV CAMERA GLAND 8M CABLE OPEN END ,ANALOG CVBS 100MM DIAMENTER
BA0063146	Radio Control for HRN, Manual and Auto Operation.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063163	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063167	EXTERM BASE FOR MODULES	BA0063429	ExTerm Fuse Base 4-pole
BA0063197	PLATE HEAT EXCHANGER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063206	POTENTIOMETER W/KNOB AND 3 MTR.CABLE	BA0110006	POTENTIOMETER W/KNOB AND 3 MTR.CABLE
BA0063218	BATTERY BACK UP S7-400 3,6V/1,9 AH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063292	FILTER ELEMENT 10 MY	BA0113095	FILTER ELEMENT STAT-FREE
BA0063303	FILTER ELEMENT	BA0113094	FILTER ELEMENT STAT-FREE
BA0063305	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063306	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063307	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063308	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063309	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063348	CLAMP CYLINDER PISTON FOR PTD TORQUE WRENCH	BA0017435	PISTON TORQUE WRENCH
BA0063349	CLAMP CYLINDER ROD FOR PTD TORQUE WRENCH	BA0017436	UPPER PISTON ROD TORQUE WRENCH
BA0063352	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0063353	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063354	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063355	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063356	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063357	SLEEVE BUSHING	BA0056785	FLANGED BUSHING
BA0063381	HYDRAULIC HOSE, PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063382	HYDRAULIC HOSE, PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063383	HYDRAULIC HOSE, PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063390	HYDRAULIC HOSE, PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063391	HYDRAULIC HOSE, PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063392	SPRING THREAD	BA5216595	SPRING THREAD MODIFICATION
BA0063393	ELECTRIC ACTUATOR PVEH	BA0082197	PVEH 120 ELECTRICAL ACTIVATIONW/ 10 MTR.CABLE
BA0063397	DECS CABINET	BA0061689	DECS CABINET
BA0063398	HYDRAULIC HOSE, PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063399	HYDRAULIC HOSE, PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063400	HYDRAULIC HOSE, PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063408	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063409	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063410	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063411	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063432	CISCO ASA 5510 FIREWALL APPLIANCE, W/ SW,	BA0094852	CISCO ASA 5515-X FIREWALL EDITION
BA0063442	PC100 8,4" MONITOR W/ZYTRONIC TOUCH NON-EX LEFT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063447	SEAGATE BARRACUDA ES 500GB SATA DISK W/ SILVER DRAWER	BA0102123	SEAGATE HARDDISK+BLACK DRAWER
BA0063610	EL.ON/OFF ACTIVATOR (ANODIZED) PVG 32	BA0082193	PVEO 32 ELECTRICAL ACTIVATION W/ 5 MTR.CABLE
BA0063635	METALLIC SEAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063713	SNATCH BLOCK	BA0046352	SNATCH BLOCK
BA0063721	RADIO CONTROL PANEL COMPLETE FOR WINCH,MANUAL OPERATION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063796	ADAPTER 19X48	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063801	LOAD CELL	BA0095325	LOAD CELL RTN0.05/100T SAFE WITH STANDARD CABLE LENGTH 15M (FOR BULK
BA0063807	GASKET FOR MANWAY	BA0063803	GASKET FOR MANWAY
BA0063808	FLUIDIZING INSERT, SURGE TANKS	BA0081713	FLUIDIZING INSERT, SILENCER, 1" BSP
BA0063809	GASKET FOR MANWAY	BA0063803	GASKET FOR MANWAY
BA0063816	SPK WESTLOCK, UPPER SWITCH +	BA0105950	MECHANICAL SWITCHES
BA0063817	SPK WESTLOCK, LOWER SWITCH +	BA0105950	MECHANICAL SWITCHES
BA0063860	VEGAFLEX 61,SAFE,WITHOUT DISPLAY,WIRE LENGTH: 2 M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063861	VEGAFLEX 61,SAFE,WITHOUT DISPLAY, WIRE LENGTH:6 M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063862	VEGAFLEX 61,SAFE,WITHOUT DISPLAY, WIRE LENGTH: 10 M	BA0118148	VEGAFLEX 81. LEVEL TRANSMITTER. PLATIC HOUSING. EX. NO DISPLAY. 10M
BA0063863	VEGABAR 64 PRESSURE INDICATING TRANSMITTER	BA0081960	VEGABAR 52,0-10 BAR,SAFE,FLUSHMOUNTED MEMBRANE,WITH DISPLAY
BA0063866	VEGAVIB 61 LEVEL SWITCH W/ROD, SAFE	BA0106616	LEVEL SWITCH: PLASTIC HOUSING NON-EX G1 THREADS
BA0063868	DENSITY TRANSMITTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063869	VLT FREQUENCY CONVERTER	BA0080093	VLT FREQUENCY CONVERTER
BA0063870	PROFIBUS CARD FOR DANFOSS VLT OPTIONS	BA0084660	PROFIBUS CARD FOR DANFOSS VLT OPTIONS
BA0063872	POWER SUPPLY, 10A	BA0042998	SITOP POWER 10 STABIL POWER SUPPLY
BA0063885	SIEMENS PROFIBUS OLM/G12	BA0037223	MULTI MODE PROFIBUS OPTICAL LINK MODULE OLM/G12
BA0063889	SIEMENS TERMINAL MODULE FOR ET200ISP POWER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063891	SIEMENS PROFIBUS BUS CONNECTOR (PLUG) EX	BA0063894	SIMATIC DP BUS CONNECTOR FOR PROFIBUS
BA0063896	SIMATIC MP 277, 10"TOUCH MULTI PANEL W/RETENTIVE MEMORY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063914	LOCKING WASHER	BA0010242	LOCK WASHER
BA0063915	SHAFT NUT	BA0010269	LOCK NUT
BA0063916	Y-BEARING W/SQUARE FLANGE	BA0063908	Y-BEARING W/SQUARE FLANGE
BA0063917	PACKING CORD	BA0063909	PACKING CORD

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0063927	6" LOBESTAR NOZZLE INSERT URETHANE 3 LBS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063928	6" DIFFUSER (PRESSURE RECOVERY TUBE)URETHANE, 13,5 LBS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063929	6" VICTUALIC GASKET, GRADE T	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063930	2" VICTUALIC GASKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063938	NOZZLE FOR HP SHEAR GUN	BA0084749	NOZZLE FOR HP SHEAR UNIT
BA0063981	HEX BOLT-A480	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0063982	SET SCREW-A480	BA0039571	SET SCREW
BA0063983	HEX BOLT-A480	BA0038819	HEX HEAD SCREW
BA0063984	SET SCREW-A480	BA0039565	SET SCREW
BA0063985	SET SCREW-A480	BA0039554	SET SCREW
BA0063986	M12 NORDLOCK WASHER-SS (PAIR)	BA0020296	NORDLOCK WASHER
BA0063987	M10 NORDLOCK WASHER-SS (PAIR)	BA0019015	NORDLOCK WASHER
BA0063988	M10 PLAIN NUT-SS	BA0039329	HEX NUT
BA0064033	SKF BEARING	BA0057032	SPHERICAL ROLLER BEARING, $\phi 90/\phi 160 \times 40$
BA0064146	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064147	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064148	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064149	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064155	XTOA-FESLPAF FIBERADAPTER FOR EXTIO F1220<(>&<)>F1400	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064156	MATROX EXTIO F1400+NEW OPTICAL PCI-E HOST ADAPTER	BA0097230	MATROX EXTENDER FOR 4 SCREENS OVER FIBRE INCL.ADAPTER CARD
BA0064157	MATROX EXTIO F1220+NEW OPTICAL PCI-E HOST ADAPTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064160	CONNECTOR, STUD ELBOW	BA0043178	CONNECTOR, STUD ELBOW
BA0064236	BALL BEARING	BA0011040	BEARING
BA0064268	RADIO REMOTE TERMINAL, TUBULAR FEEDING MACHINE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064269	RADIO REMOTE TERMINAL, EAGLE LIGHT <(>&<)> DOUBLE LATCH ARM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064280	TWIN HOSE SET, COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064301	HYDRAULIC HOSE COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064318	HYDRAULIC HOSE COMPLETE	BA0043592	HYDRAULIC HOSE COMPLETE
BA0064320	HYDRAULIC HOSE COMPLETE	BA0062995	HYDRAULIC HOSE COMPLETE
BA0064330	AIR/OIL HEAT EXCHANGER WITH DOUBLE PUMP AND MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064334	FLOW DIVIDER DFL 16-C22-16	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064335	NEEDLE VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064357	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064359	TAPERED ROLLER BEARING	BA0059675	TAPERED ROLLER BEARING
BA0064408	CRIMP PIN WITH LARGE SLEEVE,PLASTIC,SPECIAL,ORANGE	BA0062049	CRIMP PIN WITH LARGE SLEEVE,PLASTIC,SPECIAL,ORANGE
BA0064426	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064427	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064435	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064436	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064437	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064438	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064439	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064440	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064445	AUX LOOP 1, PTD-500-AC-UA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064461	CAT5E, RJ45 JOINT, FEMALE - FEMALE FOR PANEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064462	EMPTY PANEL FOR KEY STONE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064484	PROP.VALVE-BC38-CASING STABBING GUIDE	BA0071571	PROP.VALVE-BC38-TREAD LUBRICATOR WASHER AND STABBING GUIDE
BA0064486	PROP.VALVE-BC38-THREAD LUBRICATOR AND WASHER	BA0071571	PROP.VALVE-BC38-TREAD LUBRICATOR WASHER AND STABBING GUIDE
BA0064500	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064501	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064502	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0064503	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064510	BULB FOR FLOODLIGHT (15599)	BA0067079	BULB FOR FLOOD LIGHT
BA0064513	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064517	SENSOR FOR HYDRAULIC CYLINDER 8058940	BA0068320	TEMPOSONICS R PROFIBUS SENSOR 0200MM
BA0064519	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064525	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064526	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064528	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064529	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064532	HOSE PACKAGE	BA0089204	HOSE KIT
BA0064535	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064536	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064537	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064543	JOYSTICK 2-AXIS 2X5 KOHM. W/DEADMAN BUTTON(TOPSWITCH)	BA0022876	JOYSTICK 4 WAYS 2AXIS 2x5k OHM W/P.BUTTO
BA0064563	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064564	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064565	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064566	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064567	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064568	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064569	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064570	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064571	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064572	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064573	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064574	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064575	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064576	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064577	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064578	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064580	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064581	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064582	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064583	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064584	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064585	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064590	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064591	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064592	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064593	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064594	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064595	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064603	FIBRE PATCH ST-ST 62,5/125/2000, 3M	BA0060754	FIBREPATCH 62,5/125 ST-ST-3M
BA0064618	COMPLETE SET HOSES <(>&<)> FITTINGS RISER HANDLING CRANE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064622	RADIO REMOTE CONTROL SYSTEM FOR X-MAS TREE TROLLEY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064643	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064644	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064645	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064648	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064651	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064652	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0064653	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064655	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064656	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064657	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064665	EMERGENCY SPLIT SEAL FOR NICKEL CHROME NI/CHR	BA0090516	SPLITTED SEAL KIT ROD SEAL(ERK) 360X400
BA0064667	HOSE PACKAGE	BA0065592	HOSE PACKAGE
BA0064668	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064669	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064670	HOSE PACKAGE	BA0065595	HOSE PACKAGE
BA0064671	HOSE PACKAGE	BA0065596	HOSE PACKAGE
BA0064672	HOSE PACKAGE	BA0065597	HOSE PACKAGE
BA0064673	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064674	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064675	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064676	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064677	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064678	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064685	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064686	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064687	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064688	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064689	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064690	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064732	POSITION TRANSMITTER, TEMPOSONIC	BA0067282	POSITION SENSOR ANALOG
BA0064741	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064749	SERVO PROPORTIONAL CONTROL VALVE	BA0067304	PROPORTIONAL DIRECTIONAL CONTROL VALVE
BA0064751	POSITION TRANSMITTER,TEMPOSONIC	BA0056527	TEMPSONIC SENSOR PROFIBUS DP
BA0064769	HOSE PACKAGE, RISER HANDLING CRANE, PETRORIG 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064780	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064780-01	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064781	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064782	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064784	SEAL KIT FOR PLATE HEAT EXCHANGER M10B-CO-NBRB	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064785	SEAL KIT FOR PLATE HEAT EXCHANGER TL10-B NBRB	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064788	IND.LAMP 230V YELLOW RMQ TITAN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064789	IND LAMP GREEN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064792	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064793	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064794	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064795	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064800	POTENTIOMETER	BA0112981	POTENTIOMETER
BA0064806	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064807	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064808	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064809	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064815	RADIO REMOTE CONTROL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064821	HOSE PACKAGE	BA0065041	HOSE PACKAGE
BA0064822	HOSE PACKAGE	BA0065042	HOSE PACKAGE
BA0064823	HOSE PACKAGE	BA0065043	HOSE PACKAGE
BA0064824	HOSE PACKAGE	BA0065044	HOSE PACKAGE
BA0064825	HOSE PACKAGE	BA0065045	HOSE PACKAGE

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0064826	HOSE PACKAGE	BA0065046	HOSE PACKAGE
BA0064827	4/2 WAY VALVE MANUALLY OPERATED, NG6, ISO 4401-03	BA0113065	4/2 WAY VALVE EMERGENCY SHUT OFF WITH SAFETY RESTART, NG6
BA0064828	CPU	BA0079078	SIMATIC S7-300, CPU317-2 PN/DP, 1MB
BA0064853	BONDURA BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064854	BONDURA BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064859	AXIAL PISTON VARIABLE DISPLACEMENT MOTOR BENT AXIS	BA0082422	HYDRAULIC PISTON VARIABLE MOTOR
BA0064864	AVOCENT DAISYCHAIN-CABLE, 5M. HD15M-HD15F	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064884	FRAM ALLOY CHAIN, SHORT LINKED, GRADE 80	BA0012274	FRAM ALLOY CHAIN SHORT LINKED GRADE 80 (03.10KL16.8.00)
BA0064889	HYPOS POSITION MEASUREMENT SENSOR	BA0071035	ENCODER FOR HYD. CYL. GEL 248, ATEX
BA0064905	CABLE CONDUIT 36MM	BA0056916	CABLE CONDUIT 36MM
BA0064919	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064934	CONNECTOR, STUD STRAIGHT	BA0067103	CONNECTOR, STUD STRAIGHT
BA0064975	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064976	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064977	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0064979	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065005	SPINDLE	BA0064612	SPINDLE FOR MDDM 1250
BA0065030	PRESSURE GAUGE A-63-40	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065035	THERMOMETER	BA0063618	THERMOMETER
BA0065036	LEVEL SENSOR	BA0063617	LEVEL SENSOR
BA0065039	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065040	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065051	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065052	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065053	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065067	RETURN FILTER	BA0096351	RETURN FILTER
BA0065082	WINDOWS XP PRO LISENCE	BA0084321	WINDOWS 7 LICENCE INCLUDE DOWNGRADE TO XP
BA0065090	PRESS.TRANSMITTER W/20 MTR.CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065096	SLEEVE FOR 38 MM TUBE, SS	BA0055179	SLEEVE
BA0065106	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065107	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065108	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065109	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065112	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065113	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065114	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065115	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065122	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065123	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065124	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065126	PANASONIC CAMERA FIXED DOME	BA0122181	CAMERA, INTERNAL JB AND 10M CABLE
BA0065131	SIMATIC PANEL PC 677B W/19" TOUCH SCREEN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065157	ROLLER CHAIN W/CHAIN LOCK	BA0058374	ROLLER CHAIN W/2 CHAIN LOCK 20B-1/S
BA0065170	INDUCTIVE PROXIMITY SWITCH W/1 MTR CABLE	BA0066782	INDUCTIVE PROXIMITY SWITCH W/10 MTR CABLE
BA0065183	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065184	RADIO REMOTE CONTROL FOR DFMA, MANUAL OPERATION	BA0114076	RADIO REMOTE TERMINAL
BA0065185	RADIO CONTROL FOR DFMA, MANUAL OPERATION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065192	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065204	Radio Control for DFMA, Manual Operation	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065206	RADIO REMOTE CONTROL TERMINAL AND BASE UNIT COMPL.KIT 100657	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065207	TWO RADIO CONTROLS FOR HRN, MANUAL AND AUTO OPERATION. COMON CABLE ID	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0065209	REPAIR KIT FOR 2" BALL VALVE	BA0031206	REPAIR KIT FOR 2" BALL VALVE
BA0065237	SEAL KIT FOR CARTRIDGE, SHAPE T-19A	BA0046656	SEAL KIT FOR CARTRIDGE, SHAPE T-19A
BA0065242	REDUCER ADAPTER	BA0070308	CONNECTOR, REDUCER STRAIGHT
BA0065264	3" HYDRAULIC HOSE COMPLETE W/SAE FLANGES	BA0172574	3" HYDRAULIC HOSE COMPLETE W/SAE FLANGES
BA0065273	TWO RADIO CONTROLS FOR HRN, MANUAL AND AUTO OPERATION. COMON CABLE ID	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065274	Radio Control for DFMA, Manual Operation	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065276	AIR PRESSURE VESSEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065277	AIR PRESSURE VESSEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065285	AIR PRESSURE VESSEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065296	1" BALL VALVE WITH 24V SOLENOID	BA0069976	SOLENOID VALVE
BA0065330	GRIPPER ARM LOCKING PLATE	BA0076197	LOCKING PLATE DETAIL
BA0065346	TWO RADIO CONTROLS FOR HRN, MANUAL AND AUTO OPERATION.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065354	COMPLETE GASKET SET FOR PLATE HEAT EXCHANGER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065359	Radio Control for DFMA, Manual Operation	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065361	DIRECTIONAL CONTROL VALVE	BA0030715	MAN.VALVE (START) 3/2 WAY
BA0065402	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065403	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065413	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065414	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065415	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065416	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065417	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065429	2/2 CARTRIDGE	BA0075276	CARTRIDGE ELEMENT NG25 FOR VALVE BLOCK
BA0065443	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065461	PROPORTIONAL VALVE	BA0065376	PROPORTIONAL VALVE
BA0065462	PROPORTIONAL VALVE	BA0065377	PROPORTIONAL VALVE
BA0065463	PROPRTIONAL VALVE	BA0065378	PROPORTIONAL VALVE
BA0065475	BALL VALVE W/DOUBLE ACTING PNEUMATIC ACTUATOR	BA0078129	BALL VALVE W/DOUBLE ACTING ACTUATOR
BA0065480	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065481	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065482	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065483	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065484	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065507	WIRE SHEAVE, 60" GROOVED FOR 1 5/8" WIRE - NORMAL TYPE	BA5305020	COMPLETE 60 INCH WIRESHEAVE, 1 5/8 INCH WIRE, ORDINARY, ABS, RAL 3002 CARMINE RED
BA0065508	WIRE SHEAVE 60" GROOVED FOR 1 5/8" WIRE - LIGHT TYPE	BA0086539	WIRE SHEAVE MACHINED,FORGED AND WELDED
BA0065511	6U SATA SUPERMICRO 5 DISCS U/ RTX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065512	6U SATA SUPERMICRO 2 DISCS M/ RTX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065515	CONNECTOR, STUD ELBOW	BA0010661	CONNECTOR, STUD ELBOW
BA0065516	CABLE TRAY	BA0037722	CABLE TRAY
BA0065518	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065528	HOSE KIT - ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065542	RADIO REMOTE CONTROL SYSTEM FOR BOP TRANSPORTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065545	RUN TIME LICENSE	BA0073179	RTX RUN TIME LICENSE
BA0065575	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065576	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065577	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065578	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065593	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065594	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065615	CLAMP, ASSEMBLY	BA0065601	CLAMP, ASSEMBLY
BA0065616	CLAMP, ASSEMBLY	BA0065602	CLAMP, ASSEMBLY

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0065617	CLAMP, ASSEMBLY	BA0065603	CLAMP, ASSEMBLY
BA0065627	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065628	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065629	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065638	REDUCER W/ O-RING	BA0055217	CONNECTOR, REDUCER STRAIGHT
BA0065639	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065640	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065641	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065642	NORDLOCK WASHER	BA0019015	NORDLOCK WASHER
BA0065643	NORDLOCK WASHER	BA0064351	NORDLOCK WASHER
BA0065644	NORDLOCK WASHER	BA0019495	NORDLOCK WASHER
BA0065651	MULTIQ MQ219 OPEN FRAME SCREEN W/ NEW ANTIREFLEX GLASS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065670	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065671	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065672	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065673	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065725	HOSE PACKAGE	BA1707471	HOSE PACKAGE, DETAIL
BA0065726	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065727	HOSE PACKAGE	BA1707478	HOSE PACKAGE, DETAIL
BA0065728	HOSE PACKAGE	BA1707479	HOSE PACKAGE DETAIL
BA0065731	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065733	HOSE PACKAGE FOR NOISE HOOD CONTAINER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065734	HOSES FOR COOLINGWATER TO NOISE HOOD CONTAINER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065735	HOSE PACKAGE	BA1707472	HOSE PACKAGE DETAIL
BA0065736	HOSE PACKAGE	BA1707473	HOSE PACKAGE, DETAIL
BA0065737	HOSE PACKAGE	BA1707474	HOSE PACKAGE, DETAIL
BA0065738	HOSE PACKAGE	BA1707476	HOSE PACKAGE DETAIL
BA0065739	HOSE PACKAGE	BA1707475	HOSE PACKAGE, DETAIL
BA0065810	SEAL	BA0086564	SEAL
BA0065811	SPHERICAL BEARING	BA0036800	SPHERICAL ROLLER BEARING
BA0065823	TWO RADIO CONTROLS FOR HRN, MANUAL OPERATION.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065841	SEALING RING	BA0065886	SEALING RING
BA0065852	LEVER (FOR THE 3 MANUAL VALVES)	BA0170571	KEYSTONE LEVER 401SST 125/150MM
BA0065860	SOCKET CAP SCREW LOW HEAD	BA0093176	SOCKET CAP SCREW LOW HEAD
BA0065883	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065893	HEX NUT STRUCTURAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065898	REDUCER NIPPLE, STEEL	BA0123176	CONNECTOR, REDUCER STRAIGHT
BA0065899	REDUCER NIPPLE, STEEL	BA0123160	CONNECTOR, REDUCER STRAIGHT
BA0065900	REDUCER NIPPLE, STEEL	BA0123159	CONNECTOR, REDUCER STRAIGHT
BA0065901	WIRE SHEAVE, 60" GROOVED FOR 1 1/2" WIRE,DIA.NORM.TYPE	BA0085799	WIRE SHEAVE MACHINED,FORGED AND WELDED
BA0065902	WIRE SHEAVE 60" GROOVED FOR 1 1/2"WIRE DIA.LIGHT TYPE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065903	WIRE SHEAVE,60" GROOVED FOR 1 3/4" WIRE,DIA.NORM.TYPE	BA0087333	WIRE SHEAVE MACHINED,FORGED AND WELDED, RAL 3002, RED
BA0065904	WIRE SHEAVE, 60" GROOVED FOR 1 3/4",DIA.LIGHT TYPE	BA0086537	WIRE SHEAVE MACHINED,FORGED AND WELDED
BA0065905	WIRE SHEAVE 60" GROOVED FOR 1 5/8" WIRE DIA.NORM.TYPE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0065906	WIRE SHEAVE 60" GROOVED FOR 1 5/8" WIRE DIA.LIGHT TYPE	BA0086539	WIRE SHEAVE MACHINED,FORGED AND WELDED
BA0065907	WIRE SHEAVE,60"GROOVED FOR 1 3/8" WIRE,DIA.NORM.TYPE	BA5305024	COMPLETE 60 INCH WIRESHEAVE, 1 3/8 INCH WIRE, ORDINARY, ABS, RAL
BA0065908	CONNECTOR, REDUCER STRAIGHT	BA0123131	CONNECTOR, REDUCER STRAIGHT
BA0065909	REDUCER, STEEL	BA0123132	CONNECTOR, REDUCER STRAIGHT
BA0065911	REDUCER, STEEL	BA0123123	CONNECTOR, REDUCER STRAIGHT
BA0065913	REDUCER, STEEL	BA0123164	CONNECTOR, REDUCER STRAIGHT
BA0065920	GRUPO R 170079,DRILLVIEW SERVER CABINET	BA0065654	GRUPO R, DRILLVIEW SERVER CABINET

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0065922	GRUPO R 170079,DRILLING FTP CABINET	BA0065656	GRUPO R, DRILLING FTP CABINET
BA0065923	GRUPO R 170079,HP MUD PUMP CTRL. CABINET	BA0065657	GRUPO R, HP MUD PUMP CTRL. CABINET
BA0065924	BALL VALVE 3-WAY WITH DETENT	BA0062632	3/2 BALL VALVE WITH DETENT
BA0065970	NOZZLE FOR HP SHEAR GUN GM530HP	BA0084749	NOZZLE FOR HP SHEAR UNIT
BA0065977	NORDLOCK WASHER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066004	RETAINER RING	BA0013731	RETAIN RING
BA0066010	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066011	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066013	D-LINK SMART SWITCH 16P 10/100 PoE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066055	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066056	DELL OFFICE PC (2.66GHz/1333MHz/4MB)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066057	DELL OFFICE PC FOR 2 SCREENS (2.66GHz/1333MHz/4MB)	BA0076544	DELL OFFICE PC FOR 2 SCREENS (3GHz, 1333MHz, 6MB)
BA0066061	POWERPLAST NON ROT. WIRE W/OPEN SP.SOCKET	BA0120064	NON-ROTATION RESISTANCE WIRE W/OPEN SP. SOCKET (one end), Left hand
BA0066075	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066076	ICRON USB FIBERKABEL - 10M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066080	WIPER BLADE	BA0052371	WIPER BLADE
BA0066086	SUN SCREEN - WINDOW A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066087	SUN SCREEN - WINDOW B	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066088	SUN SCREEN - WINDOW C	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066089	SUN SCREEN - WINDOW H	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066110	NOVIBRA ANTI-VIBRATION MOUNTINGS	BA0032491	RUBBER DAMPER
BA0066114	REFRIGERANT R314A (12.5KG BOTTLE)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066115	COMPRESSOR OIL (POLYOLESTER)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066134	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066166	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066204	RADIO REMOTE CONTROL SYSTEM FOR BOP TRANSPORTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066205	RADIO REMOTE CONTROL SYSTEM FOR X-MAS TREE TROLLEY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066231	DRILLINE DRUM W/WIRE W/DNV CERT., ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066273	WIDE-ULTRA 320 SCSI 72,8GB HOT-PLUG DRIVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066284	END PLATE FOR HEAT EXCHANGER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066285	END PLATE FOR HEAT EXCHANGER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066286	PLATES FOR HEAT EXCHANGER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066316	BLIND B OR C,FOR DCC	BA0066315	BLIND B OR C,FOR DCC
BA0066319	BLIND E OR F,FOR DCC	BA0066318	BLIND E OR F,FOR DCC
BA0066335	FILTER REGULATOR	BA0069959	REGULATOR 1/4", 0,3 TO 10 BAR
BA0066340	CABLE GRIP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066346	22050, WIPER MOTOR, 70/80NM PANTOGRAPH, 230VAC 2-SPEED, K35822	BA0066347	WIPER MOTOR W/AXLE F/ADJUSTABLE ANGLE
BA0066349	WYNN WIPER BLADE, FLAT MODEL	BA0067636	WYNN WIPER BLADE FLAT MODEL
BA0066352	WIPER BLADE,FLAT MODEL 1300CM, K33154	BA0066351	WIPER BLADE FLAT MODEL
BA0066363	HALF CYLINDER W/KEY VINGCARD	BA0047473	HALF CYLINDER
BA0066418	STUD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066419	STUD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066424	PC100 8,4" MONITOR W/ZYTRONIC TOUCH, NON-EX, LEFT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066425	PC100 8,4" MONITOR W/ZYTRONIC TOUCH, NON-EX, RIGHT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066442	LEVEL INDICATOR	BA0171250	LEVEL SENSOR LEVELFLEX FMP51 INCL EXTERNAL CHAMBER KIT
BA0066477	PACKING CORD	BA0063910	PACKING CORD
BA0066481	Y-BEARING W/SQUARE FLANGE	BA0063908	Y-BEARING W/SQUARE FLANGE
BA0066483	PACKING CORD	BA0063909	PACKING CORD
BA0066484	O-RING	BA0066474	O-RING
BA0066490	REP KIT FOR RHPS RELIEF VALVE	BA0087884	RHPS SPARE PART KIT, PRV6/8 SERIES, SUPER DPLX.
BA0066505	LOCATION RING (BEMA)	BA0047134	PLUMMER BLOCK RING

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0066507	PACKING, AISI 304	BA0066456	PACKING, AISI 304
BA0066508	PACKING CORD	BA0066457	PACKING CORD
BA0066510	PACKING CORD	BA0066457	PACKING CORD
BA0066523	ADJ. COM PACKING AISI 304	BA0066463	ADJ. COM PACKING, AISI 304
BA0066524	PACKING CORD	BA0066464	PACKING CORD
BA0066531	MOTOR	BA0081740	MOTOR
BA0066536	GASKET COMPRESSION "P" SCREEN BED	BA0080416	GASKET COMPRESSION "P" SCREEN BED
BA0066546	DERRICK 10M, HOSE 36M, TOP DRIVE 7M, COMBINED PROFIBUS	BA0089408	INSTRUMENT LOOP, TYPE 73997 COMPACT
BA0066547	DERRICK 8M, HOSE 33,5M, TOP DRIVE 8,5M, COMBINED PROFIBUS	BA0090509	INSTRUMENT LOOP, TYPE 73997 COMPACT
BA0066621	SOLENOID VALVE	BA0066626	COOLING WATER STOP VALVE
BA0066628	SAFETY VALVE	BA0075751	ANGLE-TYPE SAFETY VALVE, 365 BAR
BA0066668	FILTER ELEMENT INLET	BA0066659	FILTER ELEMENT INLET
BA0066669	FILTER ELEMENT OUTLET	BA0066660	FILTER ELEMENT OUTLET
BA0066674	WATER RESISTANT PEARLS 3 KG	BA0066665	WATER RESISTANT PEARLS 3 KG
BA0066675	Molekular Sieve 4kg	BA0066666	MOLEKULAR SIEVE 4 KG
BA0066678	PROGRAM EPROM MODULE	BA0066708	EPROM MODULE WITH PROGRAM INSTALLED
BA0066690	55kW 230V 50/60Hz CONTACTOR SPARE TYPE	BA0113342	55kW 230V 50/60Hz CONTACTOR SPARE TYPE
BA0066706	CONTROLER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066710	C2A 2-POL MINIATURE CIRCUIT BREAKER	BA0066680	C2A 2-POL MINIATURE CIRCUIT BREAKER
BA0066712	VOLTAGE SENSING RELAY	BA0066682	VOLTAGE SENSING RELAY
BA0066713	50-70A OVERLOAD RELAY	BA0066683	70-100A OVERLOAD RELAY
BA0066714	16-30VAC BLUE INDICATOR LAMP	BA0066684	16-30VAC BLUE INDICATOR LAMP
BA0066715	16-30VAC GREEN INDICATOR LAMP	BA0066685	16-30VAC GREEN INDICATOR LAMP
BA0066716	16-30VAC RED INDICATOR LAMP	BA0066686	16-30VAC RED INDICATOR LAMP
BA0066718	AUX CONTACTOR	BA0066688	AUX CONTACTOR
BA0066719	AUX RELAY CONTACT	BA0066689	AUX RELAY CONTACT
BA0066720	55kW 190-240V 50/60Hz CONTACTOR SPARE TYPE	BA0113342	55kW 230V 50/60Hz CONTACTOR SPARE TYPE
BA0066721	AUX RELAY CONTACT	BA0066691	AUX RELAY CONTACT
BA0066725	MULTIFUNCTIONAL TIMER	BA0066695	MULTIFUNCTIONAL TIMER
BA0066726	24V/60HZ WORKING HOUR COUNTER	BA0066696	24V/60HZ WORKING HOUR COUNTER
BA0066727	160A MAIN SWITCH	BA0066697	160A MAIN SWITCH
BA0066728	0,63-1A MOTOR PROTECTION SWITCH	BA0066698	0,63-1A MOTOR PROTECTION SWITCH
BA0066729	ROTARY DRIVE	BA0066699	ROTARY DRIVE
BA0066730	EXTENSION SHAFT	BA0066700	EXTENSION SHAFT
BA0066731	PROTECTION COLLAR	BA0066701	PROTECTION COLLAR
BA0066734	PUSH BUTTON BLACK	BA0066703	PUSH BUTTON BLACK
BA0066735	1-0-2 CHANGE OVER SWITCH	BA0066704	1-0-2 CHANGE OVER SWITCH
BA0066740	OP17/DP LCD INDICATION	BA0086642	OP177B 6" DP BLUE MODE
BA0066742	1POL. C 2A MINIATURE CIRCUIT BREAKER	BA0066679	C2A 1-POL MINIATURE CIRCUIT BREAKER
BA0066745	4OE AUX RELAY CONTACT	BA0066689	AUX RELAY CONTACT
BA0066750	0-1 SCHL. 1OE ON OFF SWITCH	BA0066732	ON OFF SWITCH
BA0066763	CHECK VALVE, LINE MOUNTED	BA0065061	CHECK VALVE LINE MOUNTED
BA0066772	SERVICE LAB 9.0 STANDARD	BA0094952	DASYLab SPS/PCL Edition STANDARD V13-STANDARD-R (READ)
BA0066783	3-SPEED GEARBOX B INCLUSIVE LUBE-SYSTEM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066808	REMOTE CONTROL PANEL, PILOT HOSE BUNDLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066825	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066828	ISOLATING SWITCHING AMPLIFIER (21044615)	BA0116910	SWITCH AMPLIFIER
BA0066842	BOLT	BA0067421	BOLT FOR TORQUE WRENCH ROLLER
BA0066882	AXLE, 38X100	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066905	HIGH PRESSURE SWIVEL, STRAIGHT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066906	HIGH PRESSURE SWIVEL, STRAIGHT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0066907	HIGH PRESSURE SWIVEL, STRAIGHT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066908	FIBERPATCH MM 62,5/125 ST/ST L=5M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066909	FIBRE PATCH DUAL CORE ST-ST 62.5/125 3M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066910	FIBRE PATCH DUAL CORE ST-SMA 62.5/125 3M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066911	PC100 8,4" MONITOR W/ZYTRONIC TOUCH NON-EX SS ENCAPSULATION, LEFT, USB	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066912	PC100 8,4" MONITOR W/ZYTRONIC TOUCH, NON-EX, SS ENCAPSULATION, RIGHT,	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066921	SEAGATE BARRACUDA 250GB SATA HARDISK, 32MB INTERNAL RAM+DRAWER	BA0079210	SEAGATE CONSTELLATION 500GB SATA HARDDISK
BA0066922	SEAGATE 300GB,15k,SCSI DISK + DRAWER	BA0057486	SEAGATE 300GB,10K,SCSI DISK + DRAWER
BA0066935	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066946	ANALOG INPUT MODULE 4 CH, EEX I	BA0063168	CEAG I/O: 4 CH ANALOG INPUT (B 3204)
BA0066953	COVER FOR WIRE SHEAVE 89.5", WIRE 2 3/4"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0066956	FIELDBUS PLUG WITH D-SUB FEMALE AND MALE	BA0068727	PROFIBUS FIELDBUS PLUG
BA0067008	PLATE FOR GUIDE FUNNEL	BA5439650	PLATE, WELD ASSEMBLY
BA0067009	HOSE KIT WITH STEEL SLEEVE MARKING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067031	WIRE SHEAVES 89,5", WIRE 2 3/4"	BA5157113	WIRE SHEAVE COMPLETE
BA0067039	REDUCER ADAPTER	BA0070317	CONNECTOR, REDUCER STRAIGHT
BA0067040	SILICONE OIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067048	SHIELDED POWER CABLE, 3 GROUNDS	BA0072309	POWER CABLE UNARMoured
BA0067049	SHIELDED POWER CABLE, 3 GROUNDS	BA0074766	POWER CABLE UNARMoured
BA0067050	SHIELDED POWER CABLE, 3 GROUNDS	BA0074767	POWER CABLE UNARMoured
BA0067054	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067057	WIRE ROPE FOR MAIN/AUX.HOIST	BA0066797	WIRE ROPE FOR MAIN/AUX.HOIST
BA0067084	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067085	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067086	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067087	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067088	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067093	FLANGE NUTS, DIN6923,8MM,SS	BA0103108	FLANGE NUT, DIN 6923,8MM,STAINLESS STEEL
BA0067105	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067106	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067107	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067108	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067176	SECTOR BEAT S3 SAFETY SHOE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067177	SECTOR BEAT S3 SAFETY SHOE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067178	SECTOR BEAT S3 SAFETY SHOE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067179	SECTOR BEAT S3 SAFETY SHOE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067180	SECTOR BEAT S3 SAFETY SHOE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067181	SECTOR BEAT S3 SAFETY SHOE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067182	SECTOR BEAT S3 SAFETY SHOE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067183	SECTOR BEAT S3 SAFETY SHOE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067184	SECTOR BEAT S3 SAFETY SHOE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067185	SECTOR BEAT S3 SAFETY SHOE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067186	SECTOR BEAT S3 SAFETY SHOE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067196	GRANBERG INSTALLATION GLOVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067209	WIRE SHEAVE 88", WIRE Ø 2,5"	BA5155572	COMPLETE 88 INCH WIRESHEAVE, 2 1/2 INCH WIRE, ORDINARY, RAL 3002 CARMINE
BA0067210	COVER FOR WIRE SHEAVE 88"	BA5057368	BEARING COVER
BA0067215	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067216	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067217	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067218	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067219	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0067242	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067243	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067244	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067245	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067246	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067254	PROPORTIONAL VALVE	BA0067374	PROPORTIONAL VALVE
BA0067258	LOGIC ELEMENT	BA0065430	CHECK VALVE
BA0067283	POSITION SENSOR, PROFIBUS	BA0064733	TEMPOSONIC POSITION TRANSMITTER
BA0067320	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067321	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067341	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067342	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067350	DRILLVIEW OFFICE CLIENT	BA0095118	STANDARD SPARE DRILLVIEW OFFICE CLIENT
BA0067350-01	OFFICE CLIENT FOR WEST AZERI (69436 + SOFTWARE)	BA0095118	STANDARD SPARE DRILLVIEW OFFICE CLIENT
BA0067350-02	SPARE DRILLVIEW OFFICE CLIENT WITH SIMPLICITY SP3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067351	SERVER COMPLETE WITH SOFTWARE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067352	SERVER COMPLETE WITH SOFTWARE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067353	SERVER COMPLETE WITH SOFTWARE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067354	SERVER COMPLETE WITH SOFTWARE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067355	SERVER COMPLETE WITH SOFTWARE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067356	SERVER COMPLETE WITH SOFTWARE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067357	SERVER COMPLETE WITH SOFTWARE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067366	SERVER COMPLETE WITH SOFTWARE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067367	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067390	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067391	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067392	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067393	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067403	CATALYST 2960 20 10/100/1000 (BA0057814), PROGRAMMED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067404	CATALYST 3750 24 10/100/1000T (BA0055115), PROGRAMMED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067405	CISCO WS-2960-48-TC-L (BA0061756), PROGRAMMED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067407	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067408	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067409	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067415	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067416	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067426	VEGABAR 64,0-25 BAR,SAFE,WITH DISPLAY	BA0081965	VEGABAR 52,0-25 BAR,SAFE,FLUSHMOUNTED MEMBRANE,WITH DISPLAY
BA0067427	VEGAFLEX 61,SAFE,WITH DISPLAY,WIRE LENGTH:10 M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067453	RELAY	BA0047884	RELAY
BA0067464	BATTERY FOR RADIO	BA0046065	EX BATTERY FOR RADIO PANEL MC-3000 EX
BA0067510	KELLY VALVE, OD 7 3/4 x ID 3 1/16, 6 5/8REG-	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067510-00	KELLY VALVE, OD 7 3/4 x ID 3 1/16, 6 5/8REG-	BA0116511	KELLY VALVE 7-3/4" OD x 3-1/16" ID Class 2, 15000 PSI
BA0067510-01	KELLY VALVE, OD 7 3/4 x ID 3 1/16, 6 5/8REG-	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067510-02	KELLY VALVE, OD 7 3/4 x ID 3 1/16, 6 5/8REG-	BA0116511-02	KELLY VALVE 7-3/4" OD X 3-1/16" ID CLASS 2, 15000 PSI
BA0067511	CYLINDER TEST EQUIPMENT WITH TEMPOSONIC PROFIBUS SENSOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067515	HYDRAULIC HOSE, COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067526	WASHER HARDENED	BA0022762	WASHER HARDENED
BA0067548	Radio Control for TFM, Normal Operation	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067549	Radio Control for PDPH, Normal and Service Operation	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067559	HOSE PROTECTOR	BA0116922	HOSE PROTECTOR
BA0067585	KELLY VALVE, OD 8 1/2 x ID 3 3/4, 7 5/8REG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0067585-00	KELLY VALVE, OD 8 1/2 x ID 3 3/4, 7 5/8REG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067585-01	KELLY VALVE, OD 8 1/2 x ID 3 3/4, 7 5/8REG	BA0116513-01	KELLY VALVE 8-1/2" OD X 3-3/4" ID Class 2, 15000 PSI
BA0067585-02	KELLY VALVE, OD 8 1/2 x ID 3 3/4, 7 5/8REG	BA0116513-02	KELLY VALVE 8-1/2" OD X 3-3/4" ID Class 2, 15000 PSI
BA0067589	HEX BOLT STRUCTURAL	BA0040555	HEX BOLT STRUCTURAL
BA0067590	CCTV WASH UNIT	BA0107301	CCTV WASH UNIT
BA0067610	BEARING	BA0010905	BEARING
BA0067617	SEAL FOR HYDRAULIC SWIVEL Ø520	BA0085727	SEAL FOR HYDRAULIC SWIVEL Ø520
BA0067619	POWER JB FOR MDDM MOTOR	BA4419916	POWER JB FOR MDDM MOTOR COMPLETE ASSEMBLY
BA0067624	FIBER CONNECTOR CLEANER CLETOP SB 2.5/1.25MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067625	REPLACEMENT TAPE FIBER CONNECTOR CLEANER CLETOP SB 2.5/1.25MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067644	TONG FOR RJ-45 PLUGS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067714	SERVER COMPLETE WITH SOFTWARE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067715	SERVER COMPLETE WITH SOFTWARE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067744	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067752	TEMP. TRANSMITTER + ACCESSORY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067768	LIFTING LUG LBG 5	BA0085514	EYEPLATE
BA0067769	PROFITRACE 2 - PROFIBUS ANALYZER	BA0081363	PROFIBUS TROUBLESHOOTING KIT ULTRA PLUS+MASTER LICENCE
BA0067793	SERVER COMPLETE, (61552, 2X 50651 + SOFTWARE)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067794	SERVER COMPLETE, (63446, 2X 50651 + SOFTWARE)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067795	SERVER COMPLETE WITH SOFTWARE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067796	SERVER COMPLETE (65510, 37681 + 73179 SOFTWARE)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067797	SERVER COMPLETE WITH SOFTWARE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067798	CLIENT COMPLETE WITH SOFTWARE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0067802	POWER CABLE	BA0026238	POWER CABLE BLACK
BA0067835	CMC 1500 KIPS FORCE EQUALIZER CYLINDER Ø170/1840	BA0110834	CMC 1500 KIPS FORCE EQUALIZER CYLINDER Ø170/1840 WITH PROTECTED BEARINGS
BA0067907	NUT, M60X4	BA0085846	NUT M60X4
BA0067922	EL.ON/OFF ACTIVATOR(MARINIZED)	BA0082198	PVEO 120 ELECTRICAL ACTIVATIONW/ 5 MTR.CABLE
BA0067961	PISTON ACCUMULATOR, HYD 3075674	BA0059454	PISTON ACCUMULATOR 20 LTR
BA0067995	PLATE	BA5006905	PLATE SECURE DETAIL
BA0068010	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068011	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068012	PISTON FOR BRAKE BSFH 520	BA0074403	PISTON
BA0068016	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068017	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068018	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068019	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068040	HARDDISK+HARDDISK DRAWER FOR 6U SUPERMICRO	BA0098366	SAMSUNG 256GB 2.5" SSD 840 PRO SERIES W/BLACK TRAY FOR 6U SUPERMICRO
BA0068117	CABLE TRAY	BA0072644	CABLE TRAY
BA0068121	CABLE TRAY	BA0065401	CABLE TRAY
BA0068134	BATTERY FOR FLUKE SCOPEMETER 190 B/C	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068147	CLETOP ADAPTER CLEANING STICK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068150	COUPLING FOR DDM MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068151	WIRE SHEAVE FOR CROWN BLOCK,ORDINARY, OD1981 / ID1821	BA5304998	COMPLETE 78 INCH WIRESHEAVE, 56mm WIRE, ORDINARY, ABS, RAL 3002 CARMINE RED
BA0068152	WIRE SHEAVE LIGHT, CROWN BLOCK, 78" FOR 56MM WIRE, OD1981 / ID1821	BA5304998	COMPLETE 78 INCH WIRESHEAVE, 56mm WIRE, ORDINARY, ABS, RAL 3002 CARMINE RED
BA0068153	WIRE SHEAVE SUPERLIGHT,ROCKER ARM, 78" FOR 56MM WIRE, OD1981 / ID1821	BA5304998	COMPLETE 78 INCH WIRESHEAVE, 56mm WIRE, ORDINARY, ABS, RAL 3002 CARMINE RED
BA0068181	GOOSENECK FOR MDDM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068182	5" ANTI RECOIL VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068187	ASSY BEARING	BA0011654	DOUBLE ROW TAPERED ROLLER BEARING
BA0068189	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068190	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068191	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0068201	5T UTILITY WINCH, MOON POOL WINCH W/HYDR.REMOTE CONTROL,	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068202	0,15T MANRIDER WINCH,MOON POOL WINCH W/HYDR.REMOTE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068259	MULTIQ MQ192 OPEN FRAME MONITOR WITH RESISTIVE TOUCH	BA0173254	MQ192 OPEN FRAME TOUCH MONITOR
BA0068309	DRILLVIEW CLIENT FOR EMERALD DRILLER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068312	DRILLVIEW SERVER FOR EMERALD DRILLER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068313	OFFICE DRILLVIEW CLIENT FOR EMERALD DRILLER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068332	TEMPOSONIC POSITION SENSOR FOR CYLINDER	BA0056379	TEMPOSONIC POSITION SENSOR FOR CYLINDER
BA0068337	TEMPOSONIC POSITION SENSOR FOR CYLINDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068341	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068342	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068343	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068350	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068351	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068352	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068353	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068354	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068355	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068373	BELESTA XPG EXTREME PRESSURE GREASE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068395	HYDRAULIC HOSE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068396	DRILLVIEW CLIENT FOR SEVAN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068397	DRILLVIEW SERVER FOR SEVAN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068399	SOFT PLC, DECS FOR SEVAN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068400	OFFICE CLIENT FOR SEVAN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068412	WIRTH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068417	PROTECTION FRAME SUBASSY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068418	WEIGHT COMPENSATION SYSTEM SUBASSY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068419	RIO CABINET ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068422	IBOP VALVE SETUP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068423	RISER TOOL TILT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068424	MANIFOLD IN DERRICK (MDDM)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068425	MANIFOLD IN DERRICK (BLOCK DOLLY)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068426	SERVICE LOOP MDDM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068427	SERVICE LOOP BLOCK DOLLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068428	ACCESSORIES ON TRAVELLING BLOCK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068429	TRANSPORT CRADLES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068430	RETRACTABLE DOLLY FOR MDDM	BA5069361	RETRACTABLE DOLLY W/HYDRAULICS
BA0068431	SOLID BODY ELEVATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068432	BLOCK DOLLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068434	MUDPIPE SUBASSY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068435	TRAVELLING BLOCK ADAPTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068452	ELECTRIC ACTUATOR PVES	BA0082536	PVES 32 ELECTRICAL ACTIVATION W/ 10 MTR.CABLE
BA0068453	ELECTRIC ACTUATOR PVE0	BA0082194	PVE0 32 ELECTRICAL ACTIVATIONW/ 10 MTR.CABLE
BA0068493	CONNECTOR, ADAPTER	BA0150811	CONNECTOR, ADAPTER
BA0068495	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068496	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068521	BX FRAME 4-50, RATED 500T	BA0103156	ELEVATOR BX FRAME 4-50 RATED 500T PSL1
BA0068524	KELLY VALVE, TOP GUARD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068524-00	KELLY VALVE, TOP GUARD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068527	CONNECTOR, TEST COUPLING	BA0150132	CONNECTOR, TEST COUPLING
BA0068529	RUBBER HOSE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068547	EAGLE PIPE HANDL. EL.LOOP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0068550	HYDRAULIC CYLINDER DRWG 8077500	BA0068549-01	HYDRAULIC CYLINDER DRWG 8077500
BA0068551	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068552	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068572	VM-2DVI - DVI SPLITTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068574	RADIO CONTROL FOR DFMA, MANUAL OPERATION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068575	TWO RADIO CONTROLS FOR HRN, MANUAL AND AUTO OPERATION. COMON CABLE ID	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068576	Radio Control for DFMA, Manual Operation	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068577	RADIO CONTROL FOR DFMA, MANUAL OPERATION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068578	RADIO CONTROL FOR DFMA, MANUAL OPERATION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068579	RADIO CONTROL FOR DFMA, MANUAL OPERATION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068582	RADIO PANELS TORQUEMASTER MK I	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068583	RADIO PANELS TORQUEMASTER MK I	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068584	RADIO PANELS TORQUEMASTER MK I	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068585	RADIO PANELS TORQUEMASTER MK I	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068586	RADIO PANELS TORQUEMASTER MK I	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068587	RADIO PANELS TORQUEMASTER MK I	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068588	RADIO PANELS TORQUEMASTER MK I	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068591	O-RING	BA0068334	O-RING
BA0068592	O-RING	BA0068333	O-RING
BA0068709	ELECTRIC MOTOR 362kW, DNV	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068709-01	ELECTRIC MOTOR 362KW, ABS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068755	MONITOR CABLE XGA JOINT, MALE-FEMALE, 3 MTR.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068759	FIBRE OPTICS FIELDBUS ISOLATING REPEATER	BA0103658	FIBRE OPTICS FIELDBUS ISOLATING REPEATER
BA0068769	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068770	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068771	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0068811	FLANGE, INSERT CONE	BA0151325	FLANGE, INSERT CONE
BA0068866	COMPLETE CYLINDER SEAL KIT AK/DAT/FKC.	BA0083639	COMPLETE CYLINDER SEAL KIT AK/DAT/FKC.
BA0068910	ISOLATION VALVE W/PRESSURE SWITCH	BA0073048	ISOLATION VALVE DSC 210-20
BA0068967	ELECTRIC MOTOR	BA0110726	ELECTRIC MOTOR
BA0069029	TMT DRILLSHIP 2, HP-HOSES CEMENT <(>&<)> MUD	BA0097491	MUD HOSE FIG 1502 MALE + FIG 1002 MALE
BA0069044	FAN FOR CABINET	BA0115257	FRACTAL DESIGN DYNAMIC GP-12 120mm FAN
BA0069048	SEAL	BA0066887	"GASKET FOR LINER 5 1/2" AND 6"
BA0069049	SEAL	BA0031318	GASKET FOR LINER 6" AND 6 1/2"
BA0069050	SEAL	BA0060823	SEAL
BA0069051	SEAL	BA0066888	SEAL
BA0069055	CYLINDER PIN, PIPERACK CRANE	BA0032702	SLAVE CYLINDER PIN
BA0069072	SPACER, PIPERACK CRANE	BA0069058	SPACER
BA0069074	PINION	BA0025844	PINION Ø154X28 MATR. POLYAMID
BA0069091	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069092	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069093	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069098	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069099	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069100	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069101	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069104	RMC SERVER FOR CENTRAL AZERI	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069105	RMC SERVER FOR EAST AZERI	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069108	VEGABAR 64, 0-10BAR,SAFE,WITHOUT DISPLAY	BA0081959	VEGABAR 52,0-10 BAR,SAFE,FLUSHMOUNTED MEMBRANE,WITHOUT DISPLAY
BA0069132	SIEMENS DP INTERFACE MODULE	BA0063884	SIEMENS DP INTERFACE MODULE
BA0069133	SIEMENS PROFIBUS OLM/G12	BA0037223	MULTI MODE PROFIBUS OPTICAL LINK MODULE OLM/G12

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0069143	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069144	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069145	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069150	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069151	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069152	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069153	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069154	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069155	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069156	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069167	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069173	VEGAFLEX 61, WITHOUT DISPLAY, WIRE LENGTH: 6 M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069174	VEGAFLEX 61,EX,WITHOUT DISPLAY,WIRE LENGTH:15 M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069188	CABINET LIGHT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069198	RUBBER SEALING FOR GLASS IN CABIN WINDOWS	BA0082342	PROFILE RUBBER SEAL FOR ALL WINDOWS
BA0069217	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069221	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069222	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069223	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069244	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069245	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069246	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069248	DRILLVIEW CLIENT FOR MAERSK 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069253	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069254	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069255	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069256	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069262	MOTOR WITHOUT TERMINAL BOX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069263	FILTER ELEMENT	BA0086418	FILTER ELEMENT STAT-FREE
BA0069264	FILTER ELEMENT	BA0086419	FILTER ELEMENT STAT-FREE
BA0069268	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069269	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069270	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069271	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069278	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069279	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069280	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069281	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069288	DRILLVIEW CLIENT FOR PETRORIG 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069289	DRILLVIEW SERVER FOR PETRORIG 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069290	DECS FOR PETRORIG 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069291	DRILLVIEW OFFICE CLIENT FOR PETRORIG 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069293	PROP.VALVE-BC02-TROLLEY TRAVEL	BA0175979	PROP.VALVE-BC02-TROLLEY TRAVEL
BA0069315	IMPELLER FOR AGITATOR SR-4680-410	BA0063937	IMPELLER FOR AGITATOR SR-4680-410
BA0069318	MUD HOSE 7500PSI	BA0057936	MUD HOSE 7500psi
BA0069323	FLOW SENSOR	BA0109750	FLOW SENSOR FML500-SS-LP-OUTX EX
BA0069327	S7 MICRO MEMORY CARD 2MBYTE	BA0078340	S7 MICRO MEMORY CARD 2 MB
BA0069328	S7-CPU 317-2 PN/DP	BA0084956	S7 CPU 317-2 PN/DP 2RJ45.
BA0069329	OPTICAL LINK MODULE FOR PROFIBUS OLM/G12	BA0037223	MULTI MODE PROFIBUS OPTICAL LINK MODULE OLM/G12
BA0069331	LINE SAFETY SWITCH 10A 2-POLE	BA0084928	CIRCUIT BREAKER
BA0069334	FUSE SWITCH 2A 1-POLED	BA0084929	CIRCUIT BREAKER

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0069336	SAFETY RELAIS 24V W.	BA0115941	SAFETY RELAIS RT7B 0-1-2-3 SEC
BA0069350	PVP, PUMP SIDE MODULE	BA0057436	PVP, PUMP SIDE MODULE
BA0069352	FILTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069367	S7-CPU 315F DP/PN	BA0084930	S7-CPU 315F 2PN/DP 2X RJ45
BA0069370	DIGITAL INPUT 24DI	BA0084963	SIMATIC F DIGITAL INPUT
BA0069371	DIGITAL OUTPUT 10DA 326	BA0084964	SIMATIC F DIGITAL OUTPUT
BA0069385	CF-CARD FOR CONTROL UNIT	BA0110225	COMPACT FLASH CARD CONTROL UNIT
BA0069401	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069412	CONTACTOR, 24VDC LOW CONSUMPTION COIL	BA0067838	CONTACTOR UCOIL:24VDC 4NO AC/DC LOAD 20A
BA0069431	IMPELLER 8X6X14, 2.5CP	BA0064165	IMPELLER 8X6X14, 2.5CP
BA0069435	IMPELLER 6X5X14, 2.5 CP	BA0064164	IMPELLER 6X5X14, 2.5 CP
BA0069436	DELL OFFICE PC FOR 2 SCREENS (3GHz, 1333MHz, 6MB)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069459	BURSTING PLATE	BA0069463	BURSTING PLATE
BA0069476	SOLENOID VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069482	SOLENOID VALVE	BA0066626	COOLING WATER STOP VALVE
BA0069523	ROLLER BRACKET	BA5180453	SENS.ROLL. UPPER PART 2
BA0069524	BUSHING	BA5099707	BUSHING
BA0069525	ROLLER FOR HOOK STOP UTILITY WINCH	BA5180454	ROLLER
BA0069540	WIRE SHEAVE, LIGHT	BA0086536	WIRE SHEAVE MACHINED,FORGED AND WELDED
BA0069541	WIRE SHEAVE, ORDINARY	BA0085799	WIRE SHEAVE MACHINED,FORGED AND WELDED
BA0069569	DOUBLE AXIAL PISTON PUMP	BA0085106	DOUBLE AXIAL PISTON PUMP
BA0069624	SENSOR	BA0064733	TEMPOSONIC POSITION TRANSMITTER
BA0069628	SANYO CCTV CAMERA 10X ZOOM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069630	RADIO REMOTE CONTROL FOR X-MAS TREE TROLLEY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069634	CASE FOR LOOP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069637	CASE FOR LOOP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069666	NORDLOCK WASHER	BA0071913	NORDLOCK WASHER
BA0069668	BLIND FOR DCC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069669	BLIND FOR DCC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069670	BLIND FOR DCC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069671	BLIND FOR DCC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069698	VARISTOR SURGE VOLTAGE ARRESTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069701	FAN <(>&<)> MOTOR ASSEMBLY, FOR DDM	BA0048076	RADIAL FAN FOR AC-COOLING, DDM
BA0069702	RADIO REMOTE CONTROL, DFMA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069709	PROFIBUS-DP	BA0074699	PROFIBUS-DP ADAPTER
BA0069711	RADIO REMOTE CONTROL, 5 TON FORWARD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069712	RADIO REMOTE CONTROL, 5 TON AFT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069713	RADIO REMOTE CONTROL, 10 TON FORWARD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069714	RADIO REMOTE CONTROL, 10 TON AFT	BA0087904	RADIO REMOTE CONTROL 10 TON AFT WINCH
BA0069715	RADIO REMOTE CONTROL, MAN RIDER FORWARD	BA0088180	RADIO REMOTE CONTROL 5 TON MANRIDER FORWARD
BA0069716	RADIO REMOTE CONTROL, MAN RIDER AFT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069717	RADIO REMOTE CONTROL, OFFLINE CASING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069718	RADIO REMOTE CONTROL, RISER SHOOT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069719	RADIO REMOTE CONTROL, XMAS TREE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069720	RADIO REMOTE CONTROL, ADJUSTABLE CASING FINGER BOARD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069780	AXLE	BA0084933	SIDE PLATE SET OF 3 PIECES
BA0069781	SIDE PLATE	BA0084933	SIDE PLATE SET OF 3 PIECES
BA0069783	SCREEN CARD, MATROX MILLENIUM P690 128MB DUAL HEAD	BA0071294	MATROX DISPLAY ADAPTER M9120-E512F
BA0069861	CHARGER ADAPTER FOR MC-3000 EX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069900	WASHER	BA0038639	WASHER
BA0069915	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0069926	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069927	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069928	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069948	SUNBLIND FOR WINDOW, DRAWING D11784	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069950	WIPER BLADE, OIL RESISTANT, CURVED MODEL	BA0034060	WIPER BLADE HEAVY DUTY, 700MM
BA0069951	WIPER BLADE, OIL RESISTANT	BA0034059	WIPER BLADE HEAVY DUTY, 600MM
BA0069952	FLAT BEAM NOZZLE W/NON-RETURN VALVE	BA0086985	FLAT SPRAY NOZZLE 1/4" – SPRAY ANGLE 65o - SS316, SPRAY TIP <(>&<)> BODY
BA0069960	SAFETY VALVE FOR WATER TANK	BA0066338	PRESSURE SAFETY VALVE 3/8" 10 BAR
BA0069984	SIGN PLATE, LOGO 5, WHITE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069985	SIGN PLATE, LOGO 6, WHITE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069986	SIGN PLATE, LOGO 7, WHITE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069987	HOSE PACKAGE FOR PETRORIG 1 - 100552-BJ241	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069988	HOSE PACKAGE FOR PETRORIG 2 - 100617-BJ241	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069989	HOSE PACKAGE FOR PETROSERV - 100639-BJ241	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069994	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069995	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0069996	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0070015	CONNECTOR, STRAIGHT	BA0010060	CONNECTOR, STRAIGHT
BA0070038	CONNECTOR, TEE	BA0012393	CONNECTOR, TEE
BA0070039	CONNECTOR, TEE	BA0015439	CONNECTOR, TEE
BA0070042	CONNECTOR, TEE	BA0010052	CONNECTOR, TEE
BA0070046	CONNECTOR, TEE	BA0015429	CONNECTOR, TEE
BA0070062	CONNECTOR, ELBOW	BA0015460	CONNECTOR, ELBOW
BA0070065	CONNECTOR, ELBOW	BA0010051	CONNECTOR, ELBOW
BA0070066	CONNECTOR, ELBOW	BA0015421	CONNECTOR, ELBOW
BA0070069	CONNECTOR, ELBOW	BA0015430	CONNECTOR, ELBOW
BA0070078	CONNECTOR, CROSS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0070088	CONNECTOR, CROSS	BA0031987	CONNECTOR, CROSS
BA0070270	CONNECTOR, NUT	BA0015553	CONNECTOR, NUT
BA0070284	CONNECTOR, NUT	BA0015547	CONNECTOR, NUT
BA0070337	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0070338	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0070339	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0070662	HOSE PACKAGE, DETAIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0070663	HOSE PACKAGE, DETAIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0070664	HOSE PACKAGE, DETAIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0070665	HOSE PACKAGE, DETAIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0070666	HOSE PACKAGE, DETAIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0070667	HOSE PACKAGE, DETAIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0070668	HOSE PACKAGE, DETAIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0070669	HOSE PACKAGE, DETAIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0070670	HOSE PACKAGE, DETAIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0070671	HOSE PACKAGE, DETAIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0070678	SOCKET CAP SCREW	BA0074831	SOCKET CAP SCREW
BA0070760	SOCKET CAP SCREW	BA0072900	SOCKET CAP SCREW
BA0070771	HYDRAULIC HOSE, COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0070774	HYDRAULIC HOSE, COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0070780	UTILITY HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0070781	HOSE PACKAGE	BA5151527	HOSE PACKAGE
BA0070784	HYDRAULIC HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0070787	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0070788	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0070789	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0070790	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0070791	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0070792	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0070793	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0070799	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0070800	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0070801	HP.HOSE FORCE EQUALIZER CYLINDER, DET. DWG. YD43	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0070804	HOSE PACKAGE, RISER HANDLING CRANE, PETRORIG 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0070861	CONNECTOR, ADAPTER	BA0124031	CONNECTOR, ADAPTER
BA0070957	CONNECTOR, SWIVEL WITH O-RING STRAIGHT	BA0070829	CONNECTOR, SWIVEL WITH O-RING STRAIGHT
BA0070969	MALE STUD COUPLING	BA0070963	CONNECTOR, STUD STRAIGHT
BA0070974	CONNECTOR, TEST COUPLING	BA0070974	CONNECTOR, TEST COUPLING
BA0070975	CONNECTOR, TEST COUPLING	BA0124238	CONNECTOR, TEST COUPLING
BA0071011	MOTOR, 690V, 15KW, 4POL., EEX	BA0115833	MOTOR, 690V, 15KW, 4POL., EEX
BA0071013	MOTOR, 690V, 4KW, 4POL., EEX	BA0115832	MOTOR, 690V, 4KW, 4POL., EEX
BA0071025	HOSE PACKAGE DETAIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071026	HOSE PACKAGE DETAIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071032	HOSE PACKAGE DETAIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071033	HOSE PACKAGE DETAIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071047	NUT, TYPE ISO 898-2	BA0073653	HEX NUT
BA0071049	WASHER	BA0038635	WASHER
BA0071053	LOCKNUT	BA0022734	PAL NUT
BA0071054	WASHER	BA0038637	WASHER
BA0071057	LOCKNUT	BA0022607	PAL NUT
BA0071062	LOCKNUT	BA0022564	PAL NUT
BA0071089	DRILLVIEW CLIENT FOR PETRORIG 3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071090	DRILLVIEW SERVER FOR PETRORIG 3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071091	DECS FOR PETRORIG 3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071092	OFFICE CLIENT FOR PETRORIG 3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071094	WIRE SHEAVE ORDINARY, CROWN BLOCK, 72" FOR 56MM WIRE, OD1829 / ID1669	BA5305009	COMPLETE 72 INCH WIRE SHEAVE, 56mm WIRE, ORDINARY, ABS, RAL 3002 CARMINE
BA0071096	WIRE SHEAVE SUPER LIGHT, CROWN BLOCK,	BA5305010	COMPLETE 72 INCH WIRE SHEAVE, 56mm WIRE, SUPERLIGHT, ABS, RAL 3002
BA0071104	POWER SUPPLY	BA0113734	POWER SUPPLY 230V/24V 20A
BA0071111	POWER SUPPLY TERMINAL, 24v DC, 0,5 amp.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071119	PRESSURE GAUGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071121	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071122	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071125	CIRCUIT BREAKER C 6A 2 POL	BA0085336	CIRCUIT BREAKER C 6A, 2 POL
BA0071126	CIRCUIT BREAKER C10A 2 POL	BA0084965	CIRCUIT BREAKER C10A, 2 POL
BA0071127	CIRCUIT BREAKER C 16A 2 POL	BA0084966	CIRCUIT BREAKER, C 16A, 2 POL
BA0071128	CIRCUIT BREAKER C 6A 1 POL	BA0084549	CIRCUIT BREAKER 6A C 1 POL
BA0071139	CIRCUIT BREAKER C 4A 1 POL	BA0084967	CIRCUIT BREAKER
BA0071142	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071143	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071170	KEEPER PLATE	BA5249681	AXLE HOLDER PLATE
BA0071175	PAL NUT	BA0058246	PAL NUT
BA0071213	SENSOR ROLLER FOR HOOK STOP	BA5175090	SENSOR ROLLER BRACKET - CX04
BA0071232	DRILLVIEW SERVER FOR FRIGSTAD 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071233	DRILLVIEW CLIENT FOR FRIGSTAD 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071234	MAIN DECS FOR FRIGSTAD 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0071235	CHAIR 1 FOR FRIGSTAD 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071236	OFFICE CLIENT FOR FRIGSTAD 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071237	MATROX EXTIO F1400	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071240	RADIO REMOTE CONTROL FOR RISER CHUTE, 170073,	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071241	RADIO REMOTE CONTROL FOR RISER CHUTE, 100612, SD13	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071242	RADIO REMOTE CONTROL FOR RISER CHUTE,170174,SEADRILL 14	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071243	RADIO REMOTE CONTROL FOR RISER CHUTE, 170175, LARSEN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071244	RADIO REMOTE CONTROL FOR RISER FEEDING MACHINE, TMT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071245	RADIO REMOTE CONTROL FOR RISER FEEDING MACHINE,	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071257	PIVOT PIN FOR CONNECTION LINK, Ø140x285	BA0019458	PIVOT PIN FOR CONNECTION LINK
BA0071258	RETAINER PLATE FOR PIVOT PIN	BA0016074	RETAINER PLATE FOR PIVOT PIN, DETAIL
BA0071261	BUZZER ALARM (4373035)	BA0119227	BUZZER ALARM
BA0071268	CLEANING STICKS 1.25MM (200EA)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071269	CLEANING WIPES (QTY 1200)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071270	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071271	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071281	CHAIR CONTROLLER FOR SEVAN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071284	DRILLVIEW SERVER FOR PETROSERV	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071285	EQUIPMENT CONTROLLER FOR PETROSERV	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071286	DRILLVIEW CLIENT FOR PETROSERV	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071287	OFFICE CLIENT FOR PETROSERV	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071288	CHAIR CONTROLLER FOR PETRORIG 3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071289	CHAIR CONTROLLER FOR PETROSERV	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071291	MULTIMODE TEST KIT LIGHT SOURCE POWER METER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071292	FIBERPATCH MM 62,5/125 SC/ST L=5M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071295	FIBRE ADAPTER SC/ST DUPLEX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071297	VIDEO PROBE ADAPTER TIP LC PORT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071307	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071307-01	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071310	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071311	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071316	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071317	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071318	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071319	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071326	RMC (VPH-HTV-PDPH) FOR WEST AZERI	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071327	RMC (VPH-HTV-PDPH) FOR DEEPWATER GUNASHLI	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071330	POSITION SWITCH FOR DAT CYLINDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071331	WHEEL SENSOR FOR DAT CYLINDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071351	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071352	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071353	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071354	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071355	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071356	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071360	RADIO REMOTE CONTROL FOR X-MAS TREE TROLLEY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071363	RADIO REMOTE CONTROL BOP TROLLEY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071373	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071374	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071375	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071376	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0071428	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071429	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071430	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071431	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071458	RADIO CONTROL FOR BOP TROLLEY, ODERBRECHT 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071459	RADIO CONTROL FOR X-MAS TREE TROLLEY, ODERBRECHT 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071477	ICRON EXTENDER, USB1.1 - 50M - 2-PORT HUB	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071490	HARDDRIVE FOR DELL OPTIPLEX 250 GB	BA0098688	1TB 3.5INCH SERIAL ATA (7.200 RPM)
BA0071624	TEFLON BEARING	BA0019800	TEFLON BEARING
BA0071627	PRESSURE TRANSMITTER	BA0103433	PRESSURE TRANSMITTER
BA0071662	ALCOHOL WIPES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071663	CABLE DUCT W/COVER, RAL 7035 LIGHT GREY	BA0098656	CABLE DUCT W/COVER, RAL 7035 LIGHT GREY
BA0071689	SOCKET CAP SCREW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071691	VISIBLE FAULT IDENTIFIER VISUAL FAULT FINDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071692	MULTIMODE OTDR 62.5 <(>&<)> 50 um	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071693	VIDEO PROBE INSPECTION FIBRE OPTIC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071731	COMPL.HIGH PRESS.FILTER W/VIS. INDICATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071744	3-CONDUCTOR THROUGH TERMINAL BLOCK, GREY	BA0072865	3-CONDUCTOR THROUGH TERMINAL BLOCK
BA0071745	3-CONDUCTOR THROUGH TERMINAL BLOCK, BLUE	BA0072112	3-CONDUCTOR THROUGH TERMINAL BLOCK BLUE EX
BA0071746	2-CONDUCTOR DISCONNECT TERMINAL BLOCK FOR TEST, KNIFE, GREY	BA0074713	2-CONDUCTOR CAGE CLAMP ISOLATING KNIFE BLOCK GRAY
BA0071756	POWER DISTRIBUTION BLOCK MODULE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071787	DECS FOR HAI YANG SHI YOU	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071810	OVERLOAD RELAY	BA0066683	70-100A OVERLOAD RELAY
BA0071811	TRANSFORMER FOR CONTROL VOLTAGE	BA0066705	320VA CONTROL VOLTAGE TRANSFORMER
BA0071812	VOLTAGE, RELAY	BA0066682	VOLTAGE SENSING RELAY
BA0071813	CONTACTOR	BA0113342	55kW 230V 50/60Hz CONTACTOR SPARE TYPE
BA0071814	AUXILIARY RELAY CONTACT	BA0066691	AUX RELAY CONTACT
BA0071815	RELAY	BA0066694	4w 230V AC RELAY 4co
BA0071820	PRESSURE GAUGE 600 BAR PI 1.1/1.2	BA0069209	MANOMETER 600BAR PI 1.1 / 1.2
BA0071826	REMOTE CONTROL ADJUSTABLE CASING FB	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071859	ICRON EXTENDER, USB2 - 100M HUB	BA0095879	1XTP MAX 100 M RANGER 2304
BA0071862	BOLT	BA0074813	BOLT
BA0071916	DRILLVIEW CLIENT FOR DEEPWATER GUNASHLI	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071938	OFFICE CLIENT FOR WEST NAVIGATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071946	CARRY OVER WORK,TUBULAR FEEDING MACHINE, SUPPORT BEAM FOR AFT CRADLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071992	MATROX EXTIO F1400	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0071993	MATROX EXTIO PCI-E 1X FIBER-OPTIC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072012	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072014	WINCH MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072015	LUBE NIPPLE FET 509 A4	BA0033003	LUBE NIPPLE FET 509 A4
BA0072030	DRILLVIEW SERVER FOR AKER SPITSBERGEN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072031	DRILLVIEW CLIENT FOR AKER SPITSBERGEN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072032	EQUIPMENT CONTROLLER FOR AKER SPITSBERGEN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072033	DRILLVIEW OFFICE CLIENT FOR AKER SPITSBERGEN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072034	MICROSOFT SQL SERVER 2008 WORKGROUP LICENCE	BA0091113	MS SQL SERVER 2008 R2 Workgroup 32bit/64bit 5CAL DVD (EN)
BA0072039	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072053	ELECTRIC ACTUATOR PVEO W/5M CABLE. FOR PVG 32	BA0082195	PVEO 32 ELECTRICAL ACTIVATIONW/ 5 MTR.CABLE
BA0072054	VALVE BLOCK, ACTIVE HEAVE COMP.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072060	TEMPOSONIC FIELD ADDRESS PROGRAMMER FOR PROFIBUS SENSORS.	BA0083809	MTS PROFIBUS ADDRESS PROGRAMMER KIT
BA0072062	HEX NUT STRUCTURAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072071	RADIO TERMINALS TO ID10468, SNORREB GC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0072079	TEMPOSONICS R PROFIBUS SENSOR	BA0060536	TEMPOSONIC POSITION SENSOR FOR CYLINDER
BA0072093	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072103	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072118	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072119	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072120	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072121	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072127	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072130	FIBERPATCH MM 2X 62,5/125 ST/ST L=15m	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072135	STEM SEAL	BA0072157	STEM SEAL
BA0072194	WELD PLATE	BA0072194	WELD PLATE
BA0072195	COVER PLATE GR4A, AISI 316	BA0020999	TOP PLATE
BA0072223	CABLE LUGS ISOLATED RING SHAPE	BA0092707	CABLE LUGS ISOLATED RING SHAPE (2018714)
BA0072256	ASSEMBLY PLATE 3X10 1M	BA0022436	PEN CONDUCTOR BUSBAR 3MM X 10 MM
BA0072257	JUMPER FOR 4MM2 CLAMP	BA0024840	JUMPER PHOENIX EX
BA0072259	CLAMP	BA0048568	MODULAR BLOCK
BA0072260	CABLE GLAND E204 BRASS EEXE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072261	CABLE GLAND E204 BRASS EEXE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072262	CABLE GLAND E204 BRASS EEXE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072263	CABLE GLAND E204 BRASS EEXE	BA0042163	GLAND M25 EXE BRASS Ø13,0-20,2MM
BA0072264	CABLE GLAND E204 BRASS EEXE	BA0042163	GLAND M25 EXE BRASS Ø13,0-20,2MM
BA0072265	CABLE GLAND E204 BRASS EEXE	BA0042163	GLAND M25 EXE BRASS Ø13,0-20,2MM
BA0072266	CABLE GLAND E204 BRASS EEXE	BA0042165	GLAND M20 EXE BRASS Ø6,5-11,9MM
BA0072311	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072315	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072316	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072317	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072332	RADIO REMOTE CONTROL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072339	BOLT	BA0072340	BOLT
BA0072341	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072343	MUD PIPE COMPLETE FOR DDM	BA1538039	MUD PIPE FOR DDM
BA0072345	DRILLER'S TALKBACK EX STATION W/INTEGRATED LOUDSPEAKER, 220VAC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072354	DRILLER'S TALKBACK EX STATION W/HEADSET INTERFACE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072358	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072359	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072381	ZIPLOCK BAG WITH PRESERVATIVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072392	PRESS.TRANSMITTER W/5 MTR.CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072393	PRESS.TRANSMITTER W/7 MTR.CABLE	BA0104949	PRESS.TRANSMITTER W/7 MTR.CABLE
BA0072395	RADIO CONTROL FOR DFMA, MANUAL OPERATION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072401	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072402	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072403	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072404	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072410	EX9531 - ISOLATED USB TO RS-485/422 CONVERTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072419	AXIAL PISTON PUMP	BA0081115	AXIAL PISTON PUMP, VARIABLE DISPLACEMENT
BA0072426	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072427	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072429	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072442	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072443	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072450	COMPRESSOR (MOTOR)	BA0077728	COMPRESSOR IN COOLING UNIT

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0072453	EVAPORATOR FAN MOTOR	BA0078052	SUPPLY FAN MOTOR IN AHU
BA0072456	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072457	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072458	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072459	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072460	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072466	RADIO CONTROL FOR DFMA, MANUAL OPERATION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072487	RADIO CONTROL PANEL FOR WINCHES, MANUAL OPERATION,	BA0096072	RADIO TERMINAL <(>&<)> BASE COMPL. KIT 10T UTILITY WINCH AFT
BA0072536	HEX THIN NUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072564	PROP.PRESS. VALVE, ELECTR/HYDR.OPERATED	BA0028300	PROP.VALVE,HYDRAULIC OPERATED
BA0072593	TRAVELLING BLOCK 1350 SHORT TONS GENERAL ASSEMBLY	BA0072594-03	MH TB 1250 LR 1350 W/LOAD CELL, RAL 3002 CARMINE RED, COMPLETE
BA0072593-01	TRAVELLING BLOCK 1350 SHORT TONS GENERAL ASSEMBLY	BA0072594-01	MH TB 1250 LR 1350 W/LOAD CELL, RAL 3002 CARMINE RED, COMPLETE
BA0072664	SOCKET CAP SCREW	BA0091590	SOCKET CAP SCREW
BA0072682	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072693	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072694	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072695	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072696	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072697	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072698	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072699	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072715	BEARING IN PAIR	BA0083909	BEARING IN PAIR
BA0072727	SEAMLESS COLDDRAWN STAINLESS STEEL TUBE	BA0074251	SEAMLESS STAINLESS STEEL TUBE
BA0072728	SEAMLESS COLDDRAWN STAINLESS STEEL TUBE	BA0074252	SEAMLESS STAINLESS STEEL TUBE Ø18 X 2MM AISI316
BA0072729	SEAMLESS COLDDRAWN STAINLESS STEEL TUBE	BA0074253	SEAMLESS STAINLESS STEEL TUBE
BA0072730	SEAMLESS COLDDRAWN STAINLESS STEEL TUBE	BA0074254	SEAMLESS STAINLESS STEEL TUBE
BA0072731	SEAMLESS COLDDRAWN STAINLESS STEEL TUBE	BA0074255	SEAMLESS STAINLESS STEEL TUBE
BA0072732	SEAMLESS COLDDRAWN STAINLESS STEEL TUBE	BA0074256	SEAMLESS STAINLESS STEEL TUBE
BA0072733	SEAMLESS COLDDRAWN STAINLESS STEEL TUBE	BA0074257	SEAMLESS STAINLESS STEEL TUBE
BA0072734	SEAMLESS COLDDRAWN STAINLESS STEEL TUBE	BA0074258	SEAMLESS STAINLESS STEEL TUBE
BA0072737	VAPPRO 9868 VCI COATING SPRAYCAN à 400ml	BA0113491	TECTYL 506 WAXCOATING SPRAYCAN 12X400ML
BA0072777	SPARE OPERATOR PANEL FOR RAM RIG DFMA, MSA AND HATCHES, MANUAL OPERATION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072801	RADIO CONTROL FOR X-MAS TREE TROLLEY, TMT 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072802	RADIO CONTROL FOR BOP TROLLEY, TMT 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072803	WAMPFLER CELL BUFFER W/SAFETY WIRE	BA0026856	CELLULAR BUFFER
BA0072806	SPARE BALL FOR 4" BALL VALVE	BA0065213	SPARE BALL FOR 4" BALL VALVE
BA0072807	REPAIR KIT FOR BALL VALVE	BA0065210	REPAIR KIT FOR 4" BALL VALVE
BA0072809	IHSE DVXi DVI USB Audio/Serie	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072810	RAF FLOOR TILES AS USED ON PROJECT 100639 - PETROSERV - DCC.	BA0084663	FLOOR TILE 600X600
BA0072882	CYLINDER ROLLER BEARING	BA0073752	Cylindrical Roller Bearing
BA0072904	SOFT SLING 10T,	BA0097641	SOFT SLING 10T. LENGHT 4M/2M
BA0072910	CAN OF LOCTITE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0072921	HAKI LICENSE FOR HERNIS CCTV	BA0073640	HAKI LICENSE FOR HERNIS CCTV
BA0072958	AXELCOUPLING, SPIDEX X24K 24 CROSS, 92 SHORE	BA0082118	SPIDEX COUPLING
BA0072969	SUPERMICRO SQL CLUSTER SERVER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073004	HOSE KIT - ISO 2151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073023	HOSE KIT - ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073036	HOSE KIT - ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073037	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073038	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073058	RADIO CONTROL FOR DFMA, MANUAL OPERATION	BA0110009	RADIO REMOTE TERMINAL 170200-BC071

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0073066	HOSE KIT- ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073079	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073084	HOSE KIT- ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073085	HOSE KIT- ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073088	VALVE BLOCK, ACTIVE HEAVE COMP.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073093	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073094	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073095	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073109	3U SUPERMICRO SERVER 2 DISKS WITH WIN 2003 SERV.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073141	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073158	VIDEO MEDIA CONVERTER PAL TO FIBER AND FIBER TO PAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073168	BYPASS FILTER 1,75 BAR, HPU FOR SHUT OFF VALVES	BA0062240	RETURN FILTER ELEMENT
BA0073169	FILTER, 210BAR, HPU FOR SHUT OF VALVES	BA0062248	PRESSURE FILTER ELEMENT
BA0073171	CONNECTOR, TEST COUPLING	BA0150234	CONNECTOR, TEST COUPLING
BA0073204	HOSE KIT, JIC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073210	CONNECTOR, TEST COUPLING	BA0150232	CONNECTOR, TEST COUPLING
BA0073242	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073243	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073297	RADIO REMOTE CONTROL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073319	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073320	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073324	BEARING COVER FOR WIRE SHEAVE	BA5166595	BEARING COVER FOR 32" SHEAVE, RED RAL 3002
BA0073341	CONTACTOR	BA0071638	CONTACTOR 230VAC, 25A, 3PH
BA0073347	WIPER BLADE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073357	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073358	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073359	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073360	SET SCREW	BA0039529	SET SCREW
BA0073371	HOSE KIT ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073378	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073380	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073382	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073383	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073384	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073385	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073389	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073390	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073391	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073392	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073401	HOSE KIT- ISO 12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073417	HOSE KIT- ISO 12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073433	HOSE KIT-ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073472	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073473	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073487	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073488	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073490	SEAL KIT FOR HYDR.TENSIONER TOOL	BA0093111	SEAL KIT FOR HYDRAULIC BOLT TENSIONER TOOL
BA0073497	COAX CABLE, 75 OHM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073500	SPINDLE ENHANCED FOR DDM 1000 AC-E	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073504	SPARE OPERATOR PANEL FOR DFMA, MANUAL OPERATION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073535	TEMPOSONIC POSITION SENSOR FOR CYLINDER	BA0063342	TEMPOSONIC POSITION SENSOR FOR CYLINDER

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0073542	TEMPOSONIC POSITION SENSOR FOR CYLINDER	BA0060536	TEMPOSONIC POSITION SENSOR FOR CYLINDER
BA0073545	TEMPOSONIC POSITION SENSOR FOR CYLINDER	BA0062951	TEMPOSONIC POSITION SENSOR FOR CYLINDER
BA0073566	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073580	TEMPOSONIC POSITION SENSOR FOR CYLINDER	BA0060536	TEMPOSONIC POSITION SENSOR FOR CYLINDER
BA0073584	RADIO CONTROL FOR BOP TROLLEY, ODERBRECHT 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073594	GUIDE TROUGH WO/GLIDE BAR	BA0074866	GUIDE TROUGH WO/GLIDE BAR
BA0073596	TROUGH INSTALLATION SET	BA0074874	TROUGH INSTALLATION SET
BA0073655	HEX NUT	BA0084218	HEX NUT
BA0073664	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073665	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073674	CAPACITOR 10000UF, 40V	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073701	RADIO CONTROL BOP TRANSPORTER, GrupoR 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073716	REP KIT BRAKE	BA0083428	REP.KIT BRAKE, SLEW GEAR
BA0073744	UPS BATTERY MODULE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073783	PAL NUT	BA0022734	PAL NUT
BA0073789	ADAPTOR MALE- FEMALE	BA0073789	ADAPTOR MALE- FEMALE
BA0073796	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073797	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073832	SILENCER X11/1" FOR LOWER NOISE LEVEL	BA0090069	SILENCER
BA0073834	FILTER ELEMENT INLET XA-F2 FHP410A	BA0066659	FILTER ELEMENT INLET
BA0073835	FILTER ELEMENT OUTLET X1-F3 FHP410X1	BA0066660	FILTER ELEMENT OUTLET
BA0073873	HOSE PACKAGE, SHEET NO. 07	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073900	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073904	COLOR MONITOR	BA0061802	PRO-FACE OPERATORS PANEL
BA0073941	RADIO REMOTE CONTROL TERMINAL AND BASE UNIT COMPL.KIT,170125-BB151	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073942	RADIO REMOTE CONTROL TERMINAL AND BASE UNIT COMPL.KIT,170232-BB151	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073943	RADIO REMOTE CONTROL TERMINAL AND BASE UNIT COMPL.KIT,170227-BB151	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073944	RADIO REMOTE CONTROL TERMINAL AND BASE UNIT COMPL.KIT,170200-BB151	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073948	HOSE KIT - ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073949	SEAL KIT FOR ACCUMULATOR	BA0076224	SEAL KIT FOR PISTON ACCUMULATOR
BA0073968	HYDRAULIC SCREW PUMP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073969	RADIAL SEAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073975	RADIO CONTROL PANEL FOR 10 T UTILITY WINCH ON WEST AQUARIUS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073991	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0073992	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074000	CONE FOR BONDURA BOLT	BA0072398	BONDURA CONICAL SLEEVE
BA0074007	RADIO TERMINALS WEST HERCULES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074009	HOSE PACKAGE, DRY PUMP 207 BAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074010	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074011	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074015	JOYSTICK FOR MC-3000 REMOTE CONTROL	BA0083558	JOYSTICK V14 STEPLESS
BA0074018	PENNY <(>&<)> GILES SENSOR	BA0050434	SENSOR
BA0074030	CCTV COAX AND PAIR CABLE	BA0076136	CCTV COAX AND PAIR CABLE
BA0074032	PLATE HEAT EXCHANGER, OIL/WATER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074046	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074049	KIT FOR MAKING CABLETAGS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074066	TWO RADIO CONTROLS FOR HRN, MANUAL AND AUTO OPERATION. COMON CABLE ID	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074067	RADIO CONTROL FOR DFMA, MANUAL OPERATION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074081	CONNECTOR, TEST COUPLING	BA0150233	CONNECTOR, TEST COUPLING
BA0074082	CONNECTOR, TEST COUPLING	BA0150134	CONNECTOR, TEST COUPLING
BA0074083	CONNECTOR, TEST COUPLING	BA0150068	CONNECTOR, TEST COUPLING

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0074084	RADIO PANELS TORQUEMASTER MK I	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074085	RADIO PANELS TORQUEMASTER MK I	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074088	SEAL KIT	BA0098126	SEAL KIT COMPLETE
BA0074098	STARLINE PLUG, MALE, 7 PIN, 16 AWG, EX	BA0079748	STARLINE PLUG,MALE, PANEL MOUNT(POTTING REQUIRED)
BA0074107	PURGE VALVE 24VDC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074123	SHAFT FOR RISER TENSIONER SHEAVES	BA0035397	SHAFT, SHEAVE COLL.TOP,RISER TENSIONER
BA0074137	HOSE KIT- ISO 12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074138	HOSE KIT- ISO 12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074141	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074144	SIMATIC RACK PC 647B, INDUSTRIAL DRILLVIEW CLIENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074145	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074183	GUIDE ROLLER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074208	RADIO CONTROL PANEL FOR RISER FEEDING ON WEST HERCULES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074224	SOCKET CAP SCREW	BA0070758	SOCKET CAP SCREW
BA0074232	HOSE KIT FOR EL.CABLE PROTECTION (W/WALFORM)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074247	FLANGE O-RING	BA0151319	FLANGE O-RING
BA0074268	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074269	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074276	PIVOT ROLLER	BA0077457	PIVOT ROLLER
BA0074284	KEEPER PLATE	BA5249679	AXLE HOLDER PLATE
BA0074285	GUIDE ROLLER AXLE	BA0074185	GUIDE ROLLER AXLE
BA0074292	RADIO CONTROL FOR DFMA, MANUAL OPERATION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074324	ENCLOSURE FOR CONTROL PANEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074341	PROXIMITY SWITCH	BA0124525	PROXIMITY SWITCH
BA0074358	POSITION MEASUREMENT	BA0095055	CIMSMART POSITIONING MEASUREMENT SYSTEM
BA0074364	WIPER BLADE FOR SIDE WINDOW, OIL RESISTANT	BA0034059	WIPER BLADE HEAVY DUTY, 600MM
BA0074367	FIRE EXTINGUISHER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074373	AIR-CON PART FOR OUTSIDE CABIN, INCL AIR-CON BOX	BA0077866	AIR-CON. PART FOR OUTSIDE CABIN, INCL AIR-CON BOX
BA0074377	MAIN LIGHT INCL.EMERG.LIGHT, CEAG TYPE	BA0079479	EEX EMERGENCY LIGHT CEAG W/ BATTERI BACK-UP
BA0074378	VIBRATION DAMPER	BA0060486	VIBRATION DAMPER BSB 110 M16 70Sh
BA0074395	REPLACEMENT SENSORWHEEL FOR DAT CYLINDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074433	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074434	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074435	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074469	WATERTANK FOR WASHER SYSTEM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074499	MONITOR CABLE, HALOGENFREE, VGA-VGA, 10M, HE-HE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074505	FILTER ELEMENT.	BA0073702	FILTER ELEMENT (REPLACEMENT FOR 10007055)
BA0074550	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074551	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074552	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074555	OMRON AUXILLARY RELAY 2-POLE 230 VOLT	BA0057990	RELAY
BA0074572	BALL VALVE WITH LOCKING DEVICE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074574	RADIO CONTROL PANEL FOR WINCHES ON PETROSERV 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074585	WIRE SHEAVE, Ø1200/1320, R=23,5 567KN	BA5221791	SINGLE 52" WIRE SHEAVE, 1 3/4" WIRE, DNV, RED RAL 3002 CARMINE RED
BA0074588	RADIO PANELS MSA MAIN AND MSA AUX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074590	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074591	WILKERSON FILTER-REGULATOR AND LUBRICATOR	BA0069835	FILTER/REGULATOR AND LUBRICATOR
BA0074592	ELECTRIC MARINE MOTOR 110 KW, ABS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074592-01	ELECTRIC MARINE MOTOR 110 KW DNV	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074600	OVERCENTRE VALVE, FULLY BALANCED	BA0110364	OVERCENTRE VALVE
BA0074601	RADIO PANELS TORQUEMASTER MK I	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0074602	RADIO PANELS TORQUEMASTER MK I	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074603	QUICK DISCONNECT, MALE, STAINLESS STEEL	BA0107694	QUICK-ACTION COUPLING, MALE, STAINLESS STEEL
BA0074604	QUICK-ACTION COUPLING, FEMALE	BA0107697	QUICK-ACTION COUPLING, FEMALE, STAINLESS STEEL
BA0074605	QUICK-ACTION COUPLING, MALE	BA0107695	QUICK-ACTION COUPLING, MALE, STAINLESS STEEL
BA0074606	QUICK-ACTION COUPLING, FEMALE	BA0107692	QUICK-ACTION COUPLING, FEMALE, STAINLESS STEEL
BA0074617	RADIO CONTROL PANEL FOR IRN ON PETROSERV 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074618	RADIO REMOTE CONTROL, DFMA FREQUENCY 433.550MHz	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074619	RADIO REMOTE CONTROL, RFM FREQUENCY 434.800MHz	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074620	RADIO CONTROL PANEL FOR XMAS TREE TROLLEY ON PETROSERV 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074621	RADIO CONTROL PANEL FOR BOP TRANSPORTER ON PETROSERV 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074622	RADIO REMOTE CONTROL, CASING FINGERBOARD FREQUENCY 441.475MHz	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074641	GREASE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074662	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074663	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074664	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074670	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074671	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074672	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074673	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074683	HOSE KITS- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074684	HOSE KITS- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074685	HOSE KITS- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074689	HOSE KIT - ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074691	CONNECTOR, BLANKING CAP	BA0151043	CONNECTOR, BLANKING CAP
BA0074692	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074693	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074694	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074695	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074700	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074701	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074702	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074703	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074704	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074705	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074706	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074707	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074737	PACKING RING	BA0069469	GASKET
BA0074742	EXTERNAL LIP SEAL	BA0091651	LIP SEAL
BA0074754	16 AWG PIN FOR QUICK CONNECTORS	BA0068475	CONTACT PIN FOR CONNECTOR MALE
BA0074756	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074757	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074758	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074759	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074761	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074762	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074778	INNER SPRING HOUSING Ø32X161	BA5178656	INNER SPRING HOUSING
BA0074779	OUTER SPRING HOUSING Ø35 5X144	BA5178657	OUTER SPRING HOUSING
BA0074787	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074788	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074789	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074790	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0074791	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074792	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074793	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074827	BOLT	BA0069511	CYLINDER ARM BOLT
BA0074864	AIR FILTER INSERT	BA0066552	SUCTION FILTER INSERT
BA0074867	HOSE KIT-ISO12151-2/3	BA0076035	HOSE KIT-ISO12151-2/3
BA0074871	HOSE KIT-ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074872	HOSE KIT-ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074873	HOSE KIT-ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074875	ACCUMULATOR RACK W/ABS CERT.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074876	ACCUMULATOR RACK W/DNV CERT.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074877	ACCUMULATOR RACK FOR METRIC FITTINGS W/ABS CERT.	BA0076005	ACCUMULATOR RACK, RAL 3002 CARMINE RED, ABS
BA0074878	ACCUMULATOR RACK FOR METRIC FITTINGS W/DNV CERT.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0074881	STUD TENSIONER	BA0114750	TENSIONING DEVICE M48
BA0075019	DAT CYLINDER DRWG. 3137693	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075033	BALL VALVE	BA0069962	BALL VALVE FEMALE/FEMALE WITH RED ALU HANDLE
BA0075034	SOLENOID VALVE 2/2-WAY N/C, 3/4", INCLUDING DC 24 V COIL WITH CABLE	BA0170715	SOLENOID VALVE 2/2-WAY N/C, 3/4", INCLUDING DC 24 V COIL
BA0075080	HOSE PACKAGE SHEET NO. 03	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075081	HOSE PACKAGE SHEET NO. 04	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075082	HOSE PACKAGE SHEET NO. 06	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075088	HEAD REST FOR CHAIR, NAPPA UPHOLSTERY	BA0036068	HEADREST FOR CHAIR, NAPPA UPHOLSTERY
BA0075092	BASE UNIT FOR ID 10627 EAGLE LIGHT AND DOUBLE LATCH AR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075130	ANTENNA DIPOLE COMANT450D FIT WITH N-FEMALE	BA0043496	ANTENNA DIPOLE COMANT450D FIT WITH N-FEMALE
BA0075131	SWITCH BUTTON 0-1	BA0104399	SWITCH
BA0075137	RADIO MCPLL440C EX STD/T TERMINAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075140	SUPPORT STRAP EX MC-3000+	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075203	RADIO REMOTE TERMINAL, RISER CHUTE FREQUENCY 440.775MHz	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075204	RADIO REMOTE TERMINAL, MAN RIDER FWD FREQUENCY 441.150MHz	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075205	RADIO REMOTE TERMINAL, MAN RIDER AFT FREQUENCY 440.275MHz	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075206	RADIO REMOTE TERMINAL, 5T UTILITY WINCH FWD FREQUENCY 441.400MHz	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075207	RADIO REMOTE TERMINAL, 5T UTILITY WINCH AFT FREQUENCY 441.475MHz	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075208	RADIO REMOTE TERMINAL, 10T UTILITY WINCH FWD FREQUENCY 441.600MHz	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075209	RADIO REMOTE TERMINAL, 10T UTILITY WINCH AFT FREQUENCY 441.750MHz	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075210	RADIO REMOTE TERMINAL, BOP TRANSPORTER FREQUENCY 441.550MHz	BA0100307	RADIO REMOTE TERMINAL BOP TRANSPORTER FREQUENCY 441.550MHZ
BA0075211	RADIO REMOTE TERMINAL, FINGERBOARD FREQUENCY 434.425MHz	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075236	FILTER BAG FOR BIG BAG DUST EXTRACTION UNIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075238	RADIO REMOTE TERMINAL, BOP TRANSPORTER FREQUENCY 434.775MHz	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075239	RADIO REMOTE TERMINAL, BOP CRANE FREQUENCY 441.150MHz	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075241	RADIO REMOTE TERMINAL, MANRIDER AFT FREQUENCY 434.175MHz	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075242	RADIO REMOTE TERMINAL, MANRIDER FWD FREQUENCY 434.100MHz	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075243	RADIO REMOTE TERMINAL, 10T UTILITY FREQUENCY 434.750MHz	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075244	RADIO REMOTE TERMINAL, 5T UTILITY WINCH AFT FREQUENCY 434.275MHz	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075245	RADIO REMOTE TERMINAL, 5T UTILITY FWD FREQUENCY 434.400MHz	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075246	RADIO REMOTE TERMINAL, BOP X-MAS TREE CRANE FREQUENCY 441.725Mhz	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075247	RADIO REMOTE TERMINAL, BOP XMAS TREE TROLLEY FREQUENCY 434.425MHz	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075248	GLAND FOLLOWER	BA0063925	GLAND FOLLOWER
BA0075249	GLAND PACKING (SET OF 3)	BA0063926	GLAND PACKING (3 PER SET) TEFLON
BA0075256	GASKET, INLET FLAT	BA0063924	GASKET, INLET FLAT
BA0075269	FILTER ELEMENT	BA0075285	FILTER ELEMENT
BA0075283	VISUAL INDICATOR	BA0028624	FILTER INDICATOR GAUGE
BA0075286	FILTER ELEMENT	BA0073702	FILTER ELEMENT (REPLACEMENT FOR 10007055)

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0075298	HYDRAULIC MOTOR OMM 12,5 WITH FLANGE	BA0114400	HYDRAULIC MOTOR OMM 12,5 WITH FLANGE
BA0075322	AXLE	BA0058159	AXLE
BA0075323	RADIO REMOTE TERMINAL, 10T UTILITY WINCH FWD 434.750 MHz	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075324	RADIO REMOTE TERMINAL, 5T UTILITY WINCH FWD 434.400 MHz	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075325	RADIO REMOTE TERMINAL, 5T UTILITY WINCH AFT 434.275 MHz	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075326	RADIO REMOTE TERMINAL, MANRIDER WINCH AFT 434.100 MHz	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075327	RADIO REMOTE TERMINAL, MANRIDER WINCH FWD 434.175 MHz	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075328	RADIO REMOTE TERMINAL, RISER CHUTE 433.175 MHz	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075329	RADIO REMOTE TERMINAL, DFM 441.675 MHz	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075330	ROD SEAL	BA0090516	SPLITTED SEAL KIT ROD SEAL(ERK) 360X400
BA0075333	3" HYDRAULIC HOSE COMPLETE W/SAE FLANGES WP 20 BAR	BA0172574	3" HYDRAULIC HOSE COMPLETE W/SAE FLANGES
BA0075339	RADIO REMOTE TERMINAL, BOP CRANE FREQUENCY 441.500Mhz	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075365	TILT CYLINDER 3	BA0076774	TILT CYLINDER 3, GRIPPER
BA0075367	SEAL KIT FOR GEAR	BA0100601	SEAL KIT
BA0075401	RELAY WITH 4 NO	BA0120525	RELAY WITH 4 MAKE CONTACTS
BA0075414	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075416	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075416-01	HOSE KIT	BA0075416	HOSE KIT
BA0075417	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075418	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075419	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075420	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075456	RADIO CONTROL PANEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075457	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075458	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075459	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075484	DOUBLE OVERCENTRE VALVE W/ADAPTER PLATE AND EMERGENCY LOWERING FUNCTION	BA0086530	DOUBLE LOAD CONTROL VALVE AND ADAPTER PLATE, W/EM.LOWERING FOR HMT MOTOR
BA0075490	MOUNTING PLATE FOR TNCN 3838XX	BA0056628	MOUNTING PLATE FOR TNCN 383820-2
BA0075516	PROFIBUS DP CABLE	BA0075972	PROFIBUS CABLE 1P 0,34MM2 + 2X1MM2
BA0075519	SEAL KIT	BA0075524	SEAL KIT
BA0075533	SHAFT OUTPUT SAE CC	BA0054637	OUTPUT SHAFT
BA0075572	NUT	BA0085847	NUT M30/M60X4
BA0075573	NUT	BA0090077	NUT M48
BA0075574	NUT, M48/M30	BA0089070	NUT M48/M30
BA0075588	SCREW, CYLINDER	BA0085457	CYLINDR. SCREW
BA0075642	FILTER, MEDIUM PRESSURE	BA0112674	GASKET FIT FILTER
BA0075666	FITTING	BA0114088	FITTING
BA0075712	COUNTER BALANCE VALVE CBCA-LAN	BA0053579	COUNTERBALANCE VALVE CARTRIDGE FOR CAVITY T-11A
BA0075713	PRESSURE RELIEF VALVE RVGA-LCN	BA0077243	SEQUENCE VALVE, CARTRIDGE
BA0075716	CHECK VALVE CXHA-XCN	BA0077247	CHECK VALVE, CARTIDGE WITH CAVITY T-16A
BA0075717	CHECK VALVE CVGV-XCN 3CA80	BA0062818	VENTED PILOT-TO-OPEN CHECK VALVE CARTRIDGE FOR CAVITY T-23A
BA0075720	PRESSURE RELIEF VALVE	BA0062897	DIR-ACT RELIEF VALVE, CARTRIDGE FOR CAVITY T-162A
BA0075722	THROTTLE CHECK VALVE NCCD-LCN HYDNET	BA0062896	NEEDLE CHECK VALVE CARTRIDGE
BA0075728	PRESSURE RELIEF VALVE RPIC-LCN	BA0065431	PRESSURE RELIEF VALVE
BA0075735	SUPPORT STRAP FOR RADIO OP. PANEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075742	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075743	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075752	PREMIXER BODY ASSEMBLY,4X4X2 URETHANE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075753	NOZZLE 4" TANGENTIAL INNER (ANNULAR)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075754	GASKET 6" BUNA TRI-CLAMP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075755	TRICLAMP 6" SS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0075756	BODY, PREMIXER TANGENTIAL 6" URETHANE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075757	NOZZLE, 4" TANGENTIAL OUTER (COAXIAL)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075765	GUIDE MATERIAL	BA0051949	GUIDE MATERIAL
BA0075766	HEX HEAD BOLT	BA0075810	HEX HEAD BOLT
BA0075767	HEX HEAD BOLT	BA0073562	HEX HEAD BOLT
BA0075772	SIMATIC S7-300, CPU 317-2DP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075774	PRESSURE SAFETY VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075807	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075808	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075809	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075898	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075899	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075903	HYDRAULIC HOSE MEGACRIMP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075904	HYDRAULIC HOSE MEGACRIMP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075909	GEARBOX BREATHER / ADSORBER - COMPLETE ASSEMBLY	BA0086246	FILTER ADSORBER COMPLETE
BA0075912	BLADDER ACCUMULATOR COMPLETE w/ DNV cert.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075913	BLADDER ACCUMULATOR COMPLETE w/ ABS cert.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075974	S7 PLC CPU 315-2 DP	BA0048128	S7 PLC CPU 315-2 DP
BA0075987	OP77A OPERATOR PANEL COMPLETE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0075995	MPEG 4 VIDEOSERVER TO TCP/IP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076001	HOSE KIT- ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076009	HOSE KIT- ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076010	HOSE KIT- ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076011	HOSE KIT- ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076012	HOSE KIT- ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076013	HOSE KIT- ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076014	HOSE KIT- ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076015	HOSE KIT- ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076030	DOOR, PIPE HANDLING CABIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076036	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076046	LOAD CELL, 22T	BA0080499	LOAD CELL
BA0076047	RIGHT-LAID WIRE,1960N/MM2	BA0071897	WIRE
BA0076060	RADIO CONTROL PANEL FOR 5 T UTILITY WINCH ON WEST AQUARIUS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076070	HARD DISK FOR SIMATIC RACK PC 647B	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076071	HARD DISK FRAME FOR SIMATIC RACK PC 647B	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076077	HARD DISK COMPLETE W/FRAME FOR SIEMENS RACK PC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076078	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076090	DERRICK 10M, HOSE 34M, TOP DRIVE 7M,	BA1722145	POWER LOOP
BA0076091	DERRICK 14M, HOSE 36,5M, TOP DRIVE 3M,	BA0089354	BLOCK DOLLY INSTRUMENT LOOP, TYPE 76887 COMPACT
BA0076092	DERRICK 11M, HOSE 34M, TOP DRIVE 8M,	BA0089353	INSTR.AND AUX.POWER LOOP, TYPE 76886 COMPACT
BA0076103	HYDRAULIC MOTOR	BA0079154	HYDRAULIC PISTON VARIABLE MOTOR
BA0076105	HOSE KIT- ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076110	ELECTRIC MOTOR	BA0082474	ELECTRIC MOTOR
BA0076114	ROLLER BRACKET	BA5099386	ROLLER BRACKET
BA0076115	BRACKET, COMPLETE	BA0174200	Upgrade Kit Pump Bracket
BA0076132	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076133	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076140	CABLE GLAND EEXE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076145	RADIO CONTROL OP. PANEL, CAROLINA BOP TROLLEY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076190	RADIO REMOTE TERMINAL,78557-BB151	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076191	BASE UNIT WITH PROFIBUS DP, 78557-BB151	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0076221	CABLE GLAND EEXE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076242	CHAIN WHEEL ANSI 80 TRIPLEX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076268	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076269	HOSE KIT - ISO 12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076285	TERMINAL BOTTOM ASSEMBLY MC-3000+EX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076293	WS-C2960CG-8TC-L CISCO CATALYST 2960 8 10/100/1000 ETHERNET SWITCH WITH	BA0116054	CATALYST 2960C SWITCH 8 GE 2 x DUAL UPLINK LAN BASE
BA0076296	CONNECTOR, TEE	BA0037102	CONNECTOR, TEE
BA0076306	HOSE KIT ISO-12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076327	RADIO CONTROL PANEL FOR RISER FEEDING MACHINE 10-IP0055	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076328	RADIO CONTROL PANEL OFFLINE CASING BUILDING 10-IP0785	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076329	RADIO CONTROL PANEL OFFLINE CASING BUILDING 10-IP0786	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076330	RADIO CONTROL PANEL ADJUSTABLE CASING FINGERBOARD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076331	RADIO CONTROL PANEL DFMA 10-IP0209	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076332	RADIO CONTROL PANEL MAN RIDER WINCH AFT 10-IP0795	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076333	RADIO CONTROL PANEL 5 TON UTILITY WINCH AFT 317-IP0441	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076388	6" ELBOW PLUG ISOLATION VALVE	BA0097405	6" ELBOW PLUG ISOLATION VALVE
BA0076391	PRESSURE TRANSMITTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076396	HOSE KIT-ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076397	HOSE KIT-ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076401	MOTOR, 690V, 15kW, 4POL, EX-DE	BA0114530	MOTOR 690V 15KW 4 POLE EEX-DE IMV1
BA0076408	FLUORESCENT TUBE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076417	HOSE KIT ISO-12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076453	PUMP/MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076462	HYDR.CYLINDER W/TEMPOSONIC SENSOR DRWG 03599-OVERHAULED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076507	`O` AND BACKUP RING ASSEMBLY	BA0059716	O-RING AND BACK-UP RING FOR CHESTERFIELD BOTTLES,COMBINATION SET
BA0076514	RADIO CONTROL PANEL FOR 5 T UTILITY WINCH FWD ON WEST HERCULES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076516	RADIO REMOTE TERMINAL, 170188-MX102,SEVAN BRAZIL BOP TRANSP.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076527	WINCH GEAR W/LEFT BRAKE, RW1522	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076528	WINCH GEAR, W/RIGHT BRAKE, RW1522	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076530	BASE UNIT,170188-MX101 SEVAN BRAZIL X-MAS TREE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076531	RADIO REMOTE TERMINAL, 170188-MX101,SEVAN BRAZIL X-MAS TREE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076544	DELL OFFICE PC FOR 2 SCREENS (3GHz, 1333MHz, 6MB)	BA0088484	DELL OFFICE PC
BA0076566	VALVE BLOCK, ACTIVE HEAVE COMP.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076571	DUST MASK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076576	EAR PROTECTION PLUGS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076579	DRY FIT MOUNTING GLOVES SIZE 10	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076580	DRY FIT MOUNTING GLOVES SIZE 9	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076581	ODIN GLOVE SIZE 10	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076598	PRESSURE FILTER ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076640	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076641	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076644	DERRICK 10M, HOSE 36M, TOP DRIVE 6M, COMBINED PROFIBUS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076645	DERRICK 10M, HOSE 36M, TOP DRIVE 6M	BA1722123	POWER LOOP COMPLETE
BA0076646	DERRICK 10M, HOSE 36M, TOP DRIVE 6M	BA0088472	AUX.POWER LOOP, TYPE 77408 COMPACT
BA0076725	REPEATER FOR PROFIBUS DP	BA0102243	RS 485 REPEATER
BA0076741	MULTI TURN ENCODER	BA0110977	MULTI TURN NCODER
BA0076770	MAIN JIB CYLINDER	BA0073868	MAIN JIB CYLINDER
BA0076772	WIRE ROPE W/OPEN SPELTER SOCKET,TAPERED END, Ø32MM 35X7, MBL 76,5T, L=80	BA0074506	WIRE ROPE W/OPEN SPELTER SOCKET TAPERED END 10032120
BA0076790	CONNECTOR, TEST COUPLING	BA0150133	CONNECTOR, TEST COUPLING
BA0076807	SIMATIC S7-300, CPU 314	BA0093235	SIMATIC S7-300 CPU 314
BA0076812	RADIO REMOTE TERMINAL, 10T UTILITY WINCH AFT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0076838	BATTERY HIGHENERGY 3LR12 4,5V	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076839	BATTERY HIGHENERGY LR20 1,5V	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076840	BATTERY INDUSTR LR06/4006	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076841	BATTERY INDUSTRI D LR20 1,5V	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076842	BATTERY INDUSTRI LR03/4003 1,5	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076843	BATTERY NDUSTRI LR06/4006 1,5V	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076887	DINITROL 4941 20LITER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076934	GROUTING PASTE SIKA 11FC SORT 310ML	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0076982	HAND CLEANER TUFANEGA 4,5 L	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0077011	LOCKING FLUID	BA0055268	LOCKING FLUID
BA0077016	METALLIC SPRAY ZINK 400ML 1044	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0077050	RENAX ULTRA 7,5 DL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0077051	CLEANING SPRAY 500ML CRC LECTRACLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0077061	RUST PROTECTION DINITROL 33 20L	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0077071	SILIKON 176 TRANSP.0,31L	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0077072	SILIKON 193 TRANSP 0,31L VÅTR.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0077158	ZINK INDUSTRI 400MLSPRAY CRC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0077185	SOLENOID VALVE	BA0170715	SOLENOID VALVE 2/2-WAY N/C, 3/4", INCLUDING DC 24 V COIL
BA0077206	CCTV FIXED CAMERA W. ZOOM (Ex Certified)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0077207	CCTV DOME CAMERA NON EX PELCO HOUSE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0077208	CCTV FIXED CAMERA NON EX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0077228	SUPERMICRO, 2U WITH SUPERCHASSIS 825MTQ-R700LPB	BA0106173	1U SUPERMICRO, RDPC, SUPERSERVER 5017R-MTRF
BA0077294	STEM SEAL	BA0072187	STEM SEAL
BA0077302	RADIO CONTROL OP. PANEL, SEADRILL 14 170174	BA0098312	RADIO REMOTE TERMINAL
BA0077303	RADIO CONTROL OP. PANEL, SEADRILL 14 170174	BA0094616	RADIO REMOTE TERMINAL
BA0077304	RADIO CONTROL OP. PANEL COMPLETE, SEADRILL 14 170174	BA0095765	RADIO REMOTE TERMINAL
BA0077306	RADIO CONTROL OP. PANEL, SEADRILL 14. 170174	BA0095764	RADIO REMOTE TERMINAL
BA0077307	RADIO CONTROL OP. PANEL, SEADRILL 14. 170174	BA0097638	RADIO REMOTE TERMINAL
BA0077329	VALVE BLOCK, ACTIVE HEAVE COMP.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0077356	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0077357	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0077361	POWER CONTROLLER FOR HEATING ELEMENTS. 3x25A, 230VAC 10kW, 400VAC /	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0077364	AIR FLOW AND TEMPERATURE TRANSMITTER FOR DUCT MOUNTING. 0-16 m/sec, 0/+	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0077366	2 PAIR PROFIBUS CABLE + 2X1MM2 LAPP 62163/B	BA0086353	PROFIBUS CABLE 2P 0,34MM2 + 2X1MM2
BA0077435	BASE UNIT, 170338-BC261, SONGA DEE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0077436	RADIO REMOTE TERMINAL, 170338-BC261, SONGA DEE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0077446	SOLENOID OPERATED VALVE	BA0069654	SOLENOID OPERATED VALVE 5/2 WAY
BA0077447	REPAIR KIT FOR ASCO TYPE VALVE	BA0080882	REPAIR KIT FOR ASCO VALVE TYPE
BA0077454	RADIO CONTROL PANEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0077455	SWIVEL FOR 210 BAR / DDM 500, OVERHAULED	BA0053657	SWIVEL FOR 210 BAR / DDM 500 , OVERHAULED
BA0077463	O-RING FOR LOKOMEK BLOCK	BA0012546	O-RING
BA0077467	O-RING FOR LOKOMEK BLOCK	BA0029937	O-RING
BA0077468	O-RING FOR LOKOMEK BLOCK	BA0021089	O-RING
BA0077496	FLOOR PANEL LIFTERS	BA0107268	FLOOR PANEL LIFTER
BA0077498	BALL VALVE	BA0077709	BALL VALVE FEMALE/FEMALE WITH RED ALU HANDLE
BA0077499	BRASS TOP FOR WATER TANK	BA0055083	BRASS TOP COVER FOR WATER TANK
BA0077501	STRAINER	BA0077711	Y-STRAINER FILTER 350µ 3/4" FEMALE/FEMALE
BA0077528	FLUORESCENT TUBES FOR NEONLIGHTS TLD 18W/84 PHILLIPS L=590MM	BA0027215	FLUORESCENT LIGHT TUBES WARMWHITE T8 18W/840
BA0077563	WELD PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0077569	DERRICK 8M, HOSE 33,5M, TOP DRIVE 8,5M COMBIND PROFIBUS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0077571	DERRICK 9M, HOSE 34M, TOP DRIVE 10M COMBINED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0077616	REGULATOR (REDUCTION VALVE) G1/4 SEMI-AUTO INCL. MANOMETER AND VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0077619	FIRE EXTINGUISHER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0077644	AIR MOTOR SERVICE KIT	BA0051688	K5B-546 AIR MOTOR SERVICE KIT
BA0077649	FRICTION PLATE FOR DISC BRAKE	BA0051687	FRICTION PLATE FOR DISC BRAKE
BA0077679	4:1 PRESSURE DEBOOSTER	BA0085450	4:1 DEBOOSTER
BA0077703	SUCTION-PAD FOR WINDOW GLASS	BA0077482	SUCTION CUP FOR WINDOW GLAS
BA0077704	SUNBLIND FOR WINDOW A	BA0074519	SUNBLIND FOR WINDOW A
BA0077706	SUNBLIND FOR WINDOW C	BA0074520	SUNBLIND FOR WINDOW C
BA0077707	SEAT FOR INSTRUCTOR CHAIR (CLOTH SEAT-COVER)	BA0053306	SEAT FOR INSTRUCTOR CHAIR (CLOTH SEAT-COVER)
BA0077708	AIR NOZZLE, ROUND	BA0074362	AIR NOZZLE ROUND
BA0077710	BALL VALVE	BA0077500	BALL VALVE FEMALE/FEMALE WITH RED ALU HANDLE
BA0077712	WIPER MOTOR	BA0069954	WIPER MOTOR FOR SIDE WINDOW W/AXLE F/ADJUSTABLE ANGLE
BA0077713	WIPER MOTOR, NO ANGLE PREDEFINED	BA0066347	WIPER MOTOR W/AXLE F/ADJUSTABLE ANGLE
BA0077714	WIPER ARM FOR FRONT WINDOW	BA0066357	PANTOGRAPH WIPER ARM, DOUBLE, 1100MM
BA0077715	PANTOGRAPH WIPER ARM FOR SIDE WINDOW	BA0066353	PANTOGRAPH WIPER ARM, DOUBLE, 900MM
BA0077716	SOLENOID VALVE W/SPOOL	BA0071861	SOLENOID VALVE W/SPOOL
BA0077717	SET OF KEYS FOR CABIN DOOR LOCK	BA0052242	KEY FOR VINGCARD LOCK
BA0077718	HALF CYLINDER W/HANDLE	BA0047474	HALF CYLINDER W/HANDLE
BA0077719	RUBBER SEALING FOR CABIN DOOR	BA0047152	RUBBER SEALING FOR CABIN DOOR
BA0077856	SEAL KIT FOR HYDRAULIC CYLINDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0077857	SEAL KIT FOR HYDRAULIC CYLINDER	BA0060608	SEAL KIT FOR HYDRAULIC CYLINDER
BA0077862	WIPER MOTOR FOR FRONT WINDOW, PREDEFINED ANGLE	BA0069953	WIPER MOTOR FOR FRONT WINDOW W/AXLE F/ADJUSTABLE ANGLE
BA0077863	WIPER MOTOR FOR SIDE WINDOW, PREDEFINED ANGLE	BA0069954	WIPER MOTOR FOR SIDE WINDOW W/AXLE F/ADJUSTABLE ANGLE
BA0077874	VEGABAR 64 PRESSURE TRANSMITTER	BA0081963	VEGABAR 52,0-10 BAR,SAFE, PROFIBUS PA,FLUSHMOUNTED MEMBRANE,WITH DISPLAY
BA0078056	PRE-FILTER ELEMENT	BA0066659	FILTER ELEMENT INLET
BA0078057	AFTER-FILTER ELEMENT	BA0066660	FILTER ELEMENT OUTLET
BA0078058	HOSE KIT ISO-12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078060	HOSE KIT ISO-12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078061	HOSE KIT ISO-12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078062	HOSE KIT ISO-12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078063	HOSE KIT ISO-12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078064	HOSE KIT ISO-12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078073	FAN-AND-FILTER UNIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078095	SPARE RADIO PANEL FOR DFMA, MSA AND HATCHES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078096	SPARE RADIO PANEL FOR DFMA, MSA AND HATCHES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078123	SEAL (OIL RESISTANT)	BA0078120	SEAL
BA0078158	WASHER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078212	DCC MODULE AIR FLOW TRANSMITTER	BA0113472	DCC MODULE AIR FLOW TRANSMITTER
BA0078244	DCC MODULE PRESSURE TRANSMITTER	BA0113472	DCC MODULE AIR FLOW TRANSMITTER
BA0078294	I/O MODULE MC-IRX2, ID10660	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078326	MOTOR, 690V, 22kW, 4pol, Ex-de	BA0113371	MOTOR 400/690V 22KW 4POL.EEX-DE
BA0078328	MOTOR, 690V, 7,5kW, 4pol, Ex-de	BA0113372	MOTOR 400/690V 7,5KW 4POL.EEX-DE
BA0078332	FLYING LEAD (FOR DBS)	BA0092255	FLYING LEAD (FOR DBS)
BA0078338	CF 5000 MEMORY CARD, 16 GB	BA0171791	INDUSTRIAL GRADE CF CARD 16GB
BA0078339	SD MEMORY CARD, 1 GB, INDUSTRIAL GRADE	BA0090740	SD CARD 512MB INDUSTRIAL GRADE
BA0078342	S7-300 16xDIGITAL OUTPUT MODULE, SM-321	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078352	S7-CPU 315-2 DP/PN	BA0085276	SIMATIC S7-300 CPU 315-2 PN/DP CENTRAL PROCESSING UNIT
BA0078353	S7-CPU 314C-2 DP	BA0054172	CPU 314C-2DP
BA0078355	S7-300 DIGITAL INPUT MODULE, DI 16, SM321	BA0086318	S7-300 16xDIGITAL OUTPUT MODULE SM-321
BA0078362	CIRCUIT BREAKER 10A	BA0086333	CIRCUIT BREAKER, 10A
BA0078363	CIRCUIT BREAKER 20A	BA0086334	CIRCUIT BREAKER 20A

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0078386	TIE BAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078388	GASKET FOR MC3000+EC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078390	SUSPENSION TIE BAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078401	TEMPERATURE REGULATOR	BA0082843	EX THERMOSTAT (ON/OFF) WITH CAPILLARY TUBE
BA0078408	FILTER ELEMENT BRANDED	BA0120013	FILTER ELEMENT BRANDED STAT-FREE
BA0078430	TRAPEZODIAL LEADING SCREW W/NUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078454	SUPERMICRO, 1U SYS-6015P-8RB	BA0106173	1U SUPERMICRO, RDPC, SUPERSERVER 5017R-MTRF
BA0078455	SUPERMICRO, 2U WITH SUPERCHASSIS 825MTQ-R700LPB	BA0106173	1U SUPERMICRO, RDPC, SUPERSERVER 5017R-MTRF
BA0078457	FILTER ELEMENT	BA0077848	FILTER ELEMENT
BA0078467	PLATE HEAT EXCHANGER OIL/WATER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078471	HD FIBER ADAPTER PANEL, 4 DUPLEX ST-ST PAIRS	BA0171531	HD FIBER ADAPTER PANEL, 6 DUPLEX ST-ST PAIRS
BA0078513	HOSE KIT-ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078514	HOSE KIT-ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078515	HOSE KIT-ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078516	HOSE KIT-ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078517	HOSE KIT-ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078536	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078543	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078545	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078546	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078547	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078552	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078559	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078560	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078561	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078562	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078567	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078568	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078581	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078582	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078583	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078589	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078590	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078591	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078592	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078593	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078594	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078595	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078601	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078602	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078616	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078647	HOSE KIT-ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078659	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078660	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078661	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078662	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078663	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078664	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078665	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078666	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078667	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0078878	HOSE KIT - ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078879	HOSE KIT - ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078881	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078891	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078895	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078935	INTEL PRO/1000GT ETHERNET ADAPTER, PCI	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078960	RADIO REMOTE TERMINAL,170378-MX101, NORBE X	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078961	BASE UNIT,170378-MX101, NORBE X	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0078995	REPAIR KIT FOR BRAKE	BA0083360	REPAIR KIT FOR BRAKE RW/F9
BA0078998	3U SATA SUPERMICRO M/RTX AND SSD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079009	SIMATIC IPC 627C	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079010	RADIO CONTR.SYST. SENDER, X-MAS TREE HANDLING CRANE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079011	RADIO CONTROL, COMPLETE UNIT, X-MAS TREE HANDLING CRANE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079020	SEAL KIT FOR AIR PRESS. VESSEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079035	RADIO CONTROL OP. PANEL, CAROLIONA X-MAS TREE	BA0099709	RADIO REMOTE TERMINAL X-MAS TREE CRANE
BA0079062	SOCKET CAP SCREW	BA0070747	SOCKET CAP SCREW
BA0079064	RADIO REMOTE TERMINAL, 170188-BB151	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079065	BASE UNIT DP PROFIBUS, 170188-BB151	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079070	REPAIR KIT FOR NEXGEN KELLY VALVE, NMU-734316-06A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079072	RUBBER SEALING FOR CABIN DOOR	BA0047152	RUBBER SEALING FOR CABIN DOOR
BA0079074	DERRICK 10M, HOSE 36M, TOP DRIVE 6M	BA1722223	INSTRUMENT LOOP, WITH PROFIBUS
BA0079081	DRILLVIEW CLIENT FOR DEEPWATER GUNASHLI	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079082	DVS FOR DEEPWATER GUNASHLI	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079083	DVS1 FOR DEEPWATER GUNASHLI	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079088	HOSE KIT ISO-12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079122	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079123	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079124	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079126	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079127	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079129	CONNECTIONS LOOP, 10MM	BA0011369	COUPLING LINK
BA0079130	HYDRAULIC CYLINDER W/TEMPSONIC SENSOR, DRWG.8077951	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079158	RADIO CONTROL PANEL FOR IRN ON SCARABEO 9	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079159	4/2 DIR. VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079169	HOSE KIT -ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079170	HOSE KIT -ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079210	SEAGATE CONSTELLATION 500GB SATA HARDDISK	BA0118461	SEAGATE HARDDISK+BLACK DRAWER
BA0079211	SEAGATE CONSTELLATION ES 500 GB SATA HARDDISK	BA0118461	SEAGATE HARDDISK+BLACK DRAWER
BA0079212	BASE UNIT, 170378-BC381	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079213	RADIO REMOTE TERMINAL W/ACC.,170378-BC381	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079214	BASE UNIT, 170378-BC382, STB	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079215	RADIO REMOTE TERMINAL, 170378-BC382 STB	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079232	SIGN PLATE, LOGO 4, BLACK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079238	BASE UNIT,170378-BC071	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079239	RADIO REMOTE TERMINAL W/ACC.,170378-BC071	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079256	REDUNDANT SWITCH FOR UPS RACK	BA0119281	RACK AUTOMATIC TRANSFER SWITCH
BA0079260	SOFTWARE UPDATE STEP 7	BA0079881	SOFTWARE UPGRADE FROM S7 PROFESSIONAL V5.3 TO V5.4
BA0079267	BASE UNIT, 170378-MX102, NORBE X	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079268	RADIO REMOTE TERMINAL, 170378-MX102,NORBE X,	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079270	PRESSURE RETAINING VALVE	BA0078399	PRESSURE MAINTAINING VALVE
BA0079296	BLADDER ACCUMULATOR COMPLETE	BA0092009	BLADDER ACCUMULATOR COMPLETE

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0079297	BLADDER ACCUMULATOR COMPLETE W/ ABS CERT	BA0092009-01	BLADDER ACCUMULATOR COMPLETE
BA0079316	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079317	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079333	NAMEPLATE FOR DERRICK, CHIRAG OIL PROJECT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079397	HOSE KIT-ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079421	HOSE KIT - ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079532	SUPPORTING RING	BA0022969	SUPPORT RING 8-345 N300-900
BA0079533	O-RING	BA0022970	O-RING
BA0079540	CLAMPING PIN	BA0064382	CLAMPING PIN, ISO 8752-8X30
BA0079541	CLAMPING PIN	BA0064382	CLAMPING PIN, ISO 8752-8X30
BA0079542	RUBBER CORD LOOP	BA0019784	RUBBER CORD LOOP 3 RD+ -0,40 70 SHORE
BA0079580	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079640	PRESSURE FILTER ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079641	PRESSURE FILTER ASSEMBLY	BA0086444	PRESSURE FILTER ASSEMBLY STAT-FREE
BA0079664	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079665	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079671	USB MEMORY STICK, CORSAIR FLASH VOYAGER MINI 8GB	BA0105917	KINGSTON USB STICK SE9 16GB
BA0079671-01	USB MEMORY STICK, CORSAIR FLASH VOYAGER MINI 4 GB WITH BOOT FILE FOR	BA0105917-01	KINGSTON USB STICK SE9 16GB WITH BOOT FILE F/PROFACE PANELS
BA0079671-02	USB MEMORY STICK CORSAIR FLASH VOYAGER MINI 4 GB WITH BOOT FILE FOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079671-03	USB MEMORY STICK CORSAIR FLASH VOYAGER MINI 4 GB WITH BOOT FILE FOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079703	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079710	19" LCD MONITOR, DVI WITH ALU FRAME AND AKER LOGO	BA0090907	19" LCD MONITOR
BA0079740	FAN, 119MM, 24VDC, 150mA	BA0110518	FAN, 119MM, 24V
BA0079742	IE SOFTNET S7 V7.1 (2008)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079743	PROP.VALVE - CX0N-UTILITY WINCH	BA0173373	PROP.VALVE - CX0N-UTILITY WINCH
BA0079783	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079811	ACTUATOR CYLINDER FOR BOP GUIDE RAISE, HYSTAT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079867	TURNTABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079868	CHAIR	BA0082021	CHAIR WITH JOYSTICK CONSOLES
BA0079901	INSTRUMENT CABLE GREY	BA0026541	INSTRUMENT CABLE GREY
BA0079919	RADIO CONTROL OP. PANEL FOR DAT STABILIZING SYSTEM ON SSV VICTORIA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079972	PRESSURE TRANSMITTER	BA0097364	PRESSURE TRANSMITTER
BA0079973	PRESSURE TRANSMITTER	BA0093669	PRESSURE TRANSMITTER 0-25 BAR WITH EX PROTECTION
BA0079990	RADIO REMOTE TERMINAL, 170385-CX044	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079991	RADIO REMOTE TERMINAL, 170385-CX045	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079992	RADIO REMOTE TERMINAL, 170385-CX051	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079993	RADIO REMOTE TERMINAL, 170385-CX073	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079994	RADIO REMOTE TERMINAL, 170385-CX074	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079995	BASE UNIT, 170385-CX044	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079996	BASE UNIT, 170385-CX045	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079997	BASE UNIT, 170385-CX051	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079998	BASE UNIT, 170385-CX073	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0079999	BASE UNIT, 170385-CX074	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080001	ADJ.COM PACKING AISI316	BA0066482	ADJ.COM.PACKING, AISI 316
BA0080006	CHAIN SPROCKET ISO 16.B-Z=16-L=45MM-Ø25F7-NOT+PINOL	BA0080005	CHAIN COUPLING COMPLETE
BA0080007	CHAIN SPROCKET ISO16.B-Z=16-L=45MM-Ø40F7-NOT+PINOL	BA0080005	CHAIN COUPLING COMPLETE
BA0080008	JOINT LINK 1" SIMPLEX	BA0080005	CHAIN COUPLING COMPLETE
BA0080009	O-RING	BA0066474	O-RING
BA0080015	Y-BEARING W/SQUARE FLANGE	BA0063933	Y-BEARING W/SQUARE FLANGE - STANDARD SURFACE TREATMENT
BA0080016	Y-BEARING W/SQUARE FLANGE	BA0080891	Y-BEARING W/SQUARE FLANGE
BA0080019	PACKING CORD	BA0080010	PACKING CORD

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0080023	OIL RETAINER RING	BA0068439	OIL RETAINER RING
BA0080030	WET END REP. KIT FOR DIAPHRAGM PUMP, 476.197.354	BA0063939	Santoprene Diaphragms, Santoprene Balls and PTFE Seals
BA0080031	FILTER REGULATOR, AISI 316	BA0080027	FILTER REGULATOR
BA0080032	FLOW METER TYPE 8075 COMPL. INCL TRANSMITTER SE35	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080049	HANDWHEEL MANUAL OUTLET VALVE	BA0077804	HANDWHEEL FOR MANUAL OUTLET VALVE
BA0080050	RUBBER FOR VIBRATOR REMOVER	BA0080043	VIBRATION REMOVER B75/55B INCLUDING RUBBER
BA0080051	PREMIXER BODY ASSY 4 X 4 X 2 URETHANE	BA0075752	PREMIXER BODY ASSEMBLY,4X4X2 URETHANE
BA0080052	NOZZLE 4" TANGENTIAL INNER (ANNULAR)	BA0075753	NOZZLE 4" TANGENTIAL INNER (ANNULAR)
BA0080053	GASKET, 6" BUNA TRI-CLAMP	BA0075754	GASKET 6" BUNA TRI-CLAMP
BA0080054	TRICLAMP 6" SS	BA0075755	TRICLAMP 6" SS
BA0080055	BODY, PREMIXERTANGENTIAL 6" URETHANE	BA0075756	BODY, PREMIXER TANGENTIAL 6" URETHANE
BA0080056	NOZZLE, 4" TANGENTIAL OUTER (COAXIAL)	BA0075757	NOZZLE, 4" TANGENTIAL OUTER (COAXIAL)
BA0080058	DIFFUSOR, MUD MIXER 6"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080061	PROXIMITY SWITCH	BA0063906	PROXIMITY SWITCH FOR CYLINDER
BA0080063	WASTE BAGS FOR SACK CUTTING UNITS, 100 BAGS PER ROLL	BA0074615	WSTE BAG ROLL(910x1500),FOR SACK CUTTING UNIT
BA0080064	PSEN SAFETY SWITCH (EARLIER REFERED AS 1.2)	BA0071622	PSEN SAFETY SWITCH
BA0080084	SAFETY RELAY	BA0077820	SAFETY RELAY
BA0080085	POWER SUPPLY	BA0081731	SITOP SMART POWER SUPPLY 240W 24V/10A
BA0080086	INTERFACE MODULES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080095	17" LCD PANEL/KEYBOARD/MOUSE/ONE PORT BOX	BA0080113	LCD PANEL/KEYBOARD/MOUSE/ON PORT BOX, 17"
BA0080098	SAFETY RELAY	BA0077820	SAFETY RELAY
BA0080099	MOTOR STARTER, COMPLETE	BA0079012	MOTOR STARTER COMPLETE TELEMECANIQUE
BA0080100	MOTOR STARTER, COMPLETE	BA0079013	MOTOR STARTER COMPLETE TELEMECANIQUE
BA0080103	SUPERMICRO 3U, MCS, CLIENT, COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080105	SIMATIC MP 277, 10"TOUCH MULTI PANEL W/RETENTIVE MEMORY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080106	SIEMENS LOGO 24 MODULE	BA0077188	LOGO 24 LOGIC MODULE, DISPLAY PU/I/O: 24V/24V/24V TRANS., 8 DI (4AI)/4
BA0080107	SIEMENS RS485-IS COUPLER	BA0063890	SIEMENS RS485-IS-COUPLER
BA0080108	SIEMENS DIGITAL OUTPUT MODULE	BA0063876	SIEMENS DIGITAL OUTPUT MODULE
BA0080111	SIEMENS DIGITAL OUTPUT MODULE	BA0063876	SIEMENS DIGITAL OUTPUT MODULE
BA0080132	IMPELLER 3X2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080133	IMPELLER 3X2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080150	IMPELLER 4X3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080152	IMPELLER 4X3X8 75, 2.5 CP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080174	IMPELLER 5X4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080198	IMPELLER 6X5	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080199	IMPELLER 6X5	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080200	IMPELLER 6X5<(>&<)>8X6 X 9.75", 2.5 CP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080235	MATERIAL FROM GANN MEKANISKE VERKSTED- TBA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080236	MATERIAL FROM GANN MEKANISKE VERKSTED- TBA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080237	MATERIAL FROM GANN MEKANISKE VERKSTED- TBA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080238	MATERIAL FROM GANN MEKANISKE VERKSTED- TBA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080246	FLEXIBLE ELEMENT DRWG.923739	BA0076608	FLEXIBLE ELEMENT DRWG.923739
BA0080262	SMALL SET OF WEARING PARTS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080263	SET OF GASKETS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080264	NOZZLES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080266	WETTED END KIT 476-182-360W BUNA NITRIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080271	WETTED END KIT 476-171-360 FOR JOCKEY PUMP	BA0064167	REPAIR KIT FOR WET END, JOCKEY PUMPS
BA0080272	TBA	BA0064166	AIR END REPAIR KIT FOR AIR MOTOR, FOR S30 METALLIC
BA0080283	O-RING	BA0080280	O-RING
BA0080303	SCREW	BA0080287	SCREW
BA0080314	O-RING	BA0080284	O-RING

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0080331	PLUG	BA0080306	PLUG
BA0080332	O-RING	BA0080280	O-RING
BA0080355	O-RING	BA0063836	O-RING
BA0080356	RING	BA0080320	RING
BA0080359	RADIAL EDUCTOR RE1 (1") FNPT NEW STYLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080378	PLUNGER, SPRING, KNURLED KNOB, M12	BA0066792	PLUNGER SPRING, KNURLED KNOB
BA0080379	HEX NUT M20-25 YELLOW CHROMATE PLATED	BA0066793	HEX NUT
BA0080380	GASKET, SELF GRIPPING	BA0066794	GASKET SELF GRIPPING
BA0080412	SPRING COLI, 7 IN. INLINE SHAKER	BA0066532	SPRING COIL 7 IN INLINE SHAKER
BA0080413	BOOT SPRING	BA0066533	BOOT SPRING NITRILE COMPOUND (5804004)
BA0080414	ANTI- FREEZE, LOTOX BIODEGRADABLE	BA0066534	ANTI-FREEZE LOTOX BIODEGRADABLE
BA0080415	O-RING, PRESSURE VESSEL	BA0066535	O-RING PRESSURE VESSEL
BA0080417	GASKET UPPER DRIP LIP	BA0066538	GASKET UPPER DRIP LIP
BA0080418	GASKET LOWER DRIP LIP	BA0066539	GASKET LOWER DRIP LIP
BA0080419	WHEEL, LIFT GUIDE 360 BRASS 1,25 DIA	BA0065829	WHEEL LIFT GUIDE
BA0080420	GAUGE, 1/4 MNPT PANEL MOUNT COLD TEMP	BA0065831	GAUGE PANEL MOUNTED COLD TEMP.
BA0080421	TEE 1/4-18 NPT FEMALE BRASS	BA0065832	TEE 1/4-18 NPT FEMALE BRASS
BA0080422	CHECK VALVE 1/4" FNPT TO 1/4" FNPT	BA0065835	CHECK VALVE 1/4" FNPT to 1/4" FNPT
BA0080423	GAUGE,1/4 MNPT PANEL MOUNT COLD TEMP	BA0065836	GAUGE PANEL MOUNTED, COLD TEMPERATURE
BA0080424	CLAMP AXLE HUB RECEIVER, BOLT ON, BEM650 BASKET	BA0066755	CLAMP AXLE HUB RECEIVER BOLT ON BEM650 BASKET
BA0080426	AWD CYLINDER, HYD-6" STRK 1.50	BA0118189	CYLINDER, HYD-6" STRK 1.500 SFT STL PTD
BA0080448	FUSE,CYLINDRICAL-1 AMP 690V	BA0080402	FUSE,CYLINDRICAL-1 AMP 690V
BA0080457	ELBOW,CYCLONE-180 DEG W/2" VIC GRV URE	BA0080457	ELBOW,CYCLONE-180 DEG W/2" VIC GRV URE
BA0080458	GAUGE ASSY,PRESS-0-100 PSI W/DIAPH .250*	BA0075235	GAUGE ASSY, PRESSURE 0-100 PSI W/DIAPH .250*
BA0080463	CLAMP,BAND-10" FOR BP 10" DESANDER SST	BA0080463	CLAMP,BAND-10" FOR BP 10" DESANDER SST
BA0080466	CONE,DESANDER-10" LWR SECT BP URE	BA0080466	CONE,DESANDER-10" LWR SECT BP URE
BA0080468	NUT,ORIFICE-10" DESANDER BP URE	BA0080468	NUT,ORIFICE-10" DESANDER BP URE
BA0080469	GAUGE ASSY,PRESS-0-100 PSI W/DIAPH .250*	BA0075235	GAUGE ASSY, PRESSURE 0-100 PSI W/DIAPH .250*
BA0080471	EDUCTOR ASSY,VACU-FLO 1200 HRS	BA0080471	EDUCTOR ASSY,VACU-FLO 1200 HRS
BA0080473	HEATER,OVERLOAD 4.96-8.16 FLA BOX OF 3 *	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080474	FUSE,CYLINDRICAL-1 AMP 690V	BA0080402	FUSE,CYLINDRICAL-1 AMP 690V
BA0080483	FUSE,TIME DELAY-3/10 AMP 250V MIDGET	BA0080403	FUSE,TIME DELAY-3/10 AMP 250V MIDGET
BA0080486	PRESSURE GAUGE	BA0064062	PRESSURE GAUGE
BA0080488	PRESSURE GAUGE	BA0064066	PRESSURE GAUGE
BA0080489	12 MM NYLON (1 MTR)	BA0064074	12 MM NYLON (1 MTR)
BA0080490	SOLENOID VALVE	BA0064081	SOLENOID VALVE
BA0080491	COIL	BA0064082	COIL
BA0080492	ELECTRICAL CONTROL PANEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080493	PROBE REMOTE ELECTRONIC UNIT	BA0064103	PROBE REMOTE ELECTRONIC UNIT
BA0080494	LEVEL MONITOR AND TRANSFORMER ISOLATOR	BA0064105	LEVEL MONITOR AND TRANSFORMER ISOLATOR
BA0080501	LOAD CELL	BA0066790	RING TORSIONAL LOAD CELL, 47T
BA0080505	LOAD CELL	BA0074135	RING TORSIONAL LOADCELL 33T
BA0080509	ELASTOMER MOUNTING FOR LOAD CELL 10T-22T	BA0063806	ELASTOMER MOUNTING FOR LOAD CELL 10T-22T
BA0080511	ELASTOMER MOUNTING FOR LOAD CELL ,47T	BA0066791	ELASTOMER MOUNTING FORLOAD CELL, 47T
BA0080513	ELASTOMER MOUNTING FOR LOAD CELL 10T-22T VENR	BA0080512	ELASTOMER MOUNTING FOR LOAD CELL 10T - 22T
BA0080531	VEGAFLEX 61, SAFE, WITHOUT DISPLAY, WIRE LENGTH: 15 M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080532	VEGAFLEX 61, SAFE, WITH DISPLAY, WIRE LENGTH: 15 M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080533	VEGAFLEX 61, EX, WITH DISPLAY, WIRE LENGTH: 15 M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080534	VEGAFLEX 61, SAFE, WITHOUT DISPLAY, WIRE LENGTH: 10 M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080535	VEGAFLEX 61, SAFE, WITH DISPLAY, WIRE LENGTH: 6 M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080536	VEGAFLEX 61, EX, WITH DISPLAY, WIRE LENGTH: 6 M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0080537	VEGAFLEX 61, SAFE, WITH DISPLAY, WIRE LENGTH: 2 M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080538	VEGAFLEX 61, EX, WITHOUT DISPLAY, WIRE LENGTH: 2 M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080539	VEGAFLEX 61, EX, WITH DISPLAY, WIRE LENGTH: 2 M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080540	VEGABAR 64, 0-10 BAR, EX, WITHOUT DISPLAY	BA0081961	VEGABAR 52,0-10 BAR,EX,FLUSHMOUNTED MEMBRANE,WITHOUT DISPLAY
BA0080541	VEGABAR 64, 0-10 BAR, EX, WITH DISPLAY	BA0118180	VEGABAR 82.PRESSURE TRANSMITTER.GRAY PLASTIC HOUSING.0-
BA0080542	VEGABAR 64, 0-25 BAR, SAFE, WITHOUT DISPLAY	BA0120563	PRESSURE TRANSMITTER WITH CERAMIC MEASURING CELL
BA0080543	VEGABAR 64, 0-25 BAR, EX, WITHOUT DISPLAY	BA0081966	VEGABAR 52,0-25 BAR,EX,FLUSHMOUNTED MEMBRANE,WITHOUT DISPLAY
BA0080544	VEGABAR 64, 0-25 BAR, EX, WITH DISPLAY	BA0106582	PRESSURE TRANSMITTER: PLASTIC HOUSING EX -1-25BAR WITH DISPLAY G11/2
BA0080545	VEGABAR 53,0-600 BAR,EX, WITH DISPLAY	BA0114039	PRESSURE TRANSMITTER: PLASTIC HOUSING, EX, 0-600BAR, WITH DISPLAY, G1/2
BA0080546	VEGAVIB 61, SAFE, ROD	BA0106616	LEVEL SWITCH: PLASTIC HOUSING NON-EX G1 THREADS
BA0080547	VEGAVIB 62,SAFE,WITHOUT DISPLAY,2-WIRE 8/16mA,10-36V	BA0080547	VEGAVIB 62,SAFE,WITHOUT DISPLAY,2-WIRE 8/16mA,10-36V
BA0080551	VEGASWING 63, EX,WITHOUT DISPLAY,L=161 MM	BA0118183	VEGASWING 63, GRAY PLASTIC HOUSING, EX, WITHOUT DISPLAY, G3/4, L=161mm
BA0080552	TEMPERATURE TRANSMITTER FOR COOLING WATER	BA0069425	TEMPERATURE TRANSMITTER FOR COOLING WATER
BA0080555	VEGABAR 52,-1-25BAR,SAFE,FLUSHMOUNT.MEMBRANE,NO DISPLAY	BA0106579	PRESSURE TRANSMITTER: PLASTIC HOUSING NON-EX -1-25BAR WITHOUT DISPLAY
BA0080558	VEGABAR 52,-1-25BAR,EX,FLUSHMOUNT.MEMBRANE,WITH DISPLAY	BA0106582	PRESSURE TRANSMITTER: PLASTIC HOUSING EX -1-25BAR WITH DISPLAY G11/2
BA0080872	REPAIR KIT FOR ACTUATOR 79E-036	BA0063823	REPAIR KIT FOR ACTUATOR 79E-036
BA0080884	PARASEAL?? DN	BA0081828	KEystone BUTTERFLY VALVE
BA0080886	PNEUMATIC ROTARY ACTUATOR	BA0118252	KEystone PNEUMATIC ACTUATOR, DOUBLE ACTING, NO SPRINGS
BA0080889	Y-BEARING W/SQUARE FLANGE	BA0063933	Y-BEARING W/SQUARE FLANGE - STANDARD SURFACE TREATMENT
BA0080890	Y-BEARING W/SQUARE FLANGE	BA0063912	Y-BEARING W/SQUARE FLANGE
BA0080895	MOUNT ASSY,FLT-W/.500-13X.875 BOLTS	BA0080428	FLOAT MOUNTS,MOUNT ASSY,FLT-W/.500-13X.875 BOLTS
BA0080896	FINGERS,FIXED SIDE-UST ASSY 17-4PH SST *	BA0080966	FINGERS,FIXED SIDE-UST ASSY 17-4PH SST *
BA0080897	HOUSING,CAM-UST ASSY 17-4 PH *	BA0080967	HOUSING,CAM-UST ASSY 17-4 PH *
BA0080898	O-RING, 4.375IDX.125 X SECT 75 DURO VITON	BA0080984	O-RING, 4.375IDX.125 XSECT 75 DURO VITON
BA0080899	CURTAIN ASSY DISCHARGE-188X20" X47.500 PVK-	BA0080982	CURTAIN ASSY,DISCH-.188X20"X47.500 PVK
BA0080901	WRENCH ASSY,TENSIONING-500 SERIES 304SST	BA0080968	WRENCH ASSY,TENSIONING-500 SERIES 304SST
BA0080902	NUT,HEX HD HVY-.750-10 BRASS	BA0080978	NUT,HEX HD HVY-.750-10 BRASS
BA0080903	SPRING,RETURN-SIDE PLATE MT UST ASSY *	BA0080979	SPRING,RETURN-SIDE PLATE MT UST ASSY *
BA0080904	BOLT,ADJ-UST ASSY 303 SST	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080905	NUT,TENSION-UST ASSY 17-4PH SST *	BA0080981	NUT,TENSION-UST ASSY 17-4PH SST *
BA0080907	STARTER,PB-W/O ENCLOSURE	BA0080985	STARTER,PB-W/O ENCLOSURE
BA0080909	BUTTON ASSY, PUSH-STOP NEMA 4,7,9 RED	BA0080977	BUTTON ASSY,PUSH-STOP NEMA 4,7,9 RED
BA0080910	O-RING, 750IDX.094XSECT 75 DURO VITON	BA0080975	O-RING, 750IDX.094XSECT 75 DURO VITON
BA0080911	STRIP ASSY,CROSS.250X1"X40.500	BA0080973	STRIP ASSY,CROSS-.250X1"X40.500
BA0080912	STRIP ASSY,CROSS.250X.750X40.500	BA0080972	STRIP ASSY,CROSS.250X.750X40.500
BA0080913	STRIP ASSY,CROSS.250X1.500X40.500	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080914	STRIP ASSY,SIDE.250 X .750 X 27.375"	BA0080970	STRIP ASSY,SIDE-.250X.750X27.375 *
BA0080915	TOOL, EXTRACTION-ADJ BOLT 500 SER 304 SST	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080916	FINGERS, ADJ SIDE-UST ASSY17-4PH SST	BA0080965	FINGERS,ADJ SIDE-UST ASSY 17-4PH SST *
BA0080917	CORD ASSY, VIBR TERM STYLE 11.29 FT EP	BA0080964	CORD ASSY,VIBR-TERM STYLE 11.29 FT EP *
BA0080918	BUTTON ASSY, PUSH-STOP NEMA 4,7,9 BLK	BA0080976	BUTTON ASSY,PUSH-START NEMA 4,7,9 BLK
BA0080919	MANIFOLD BLOCK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080922	MANIFOLD BLOCK W/EMERGENCY VALVE, MAN.OPER.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080960	FEEDER CURTAIN ASSEMBLY	BA0079001	FEEDER CURTAIN ASSEMBLY
BA0080961	BRUSH,BELT-1"X33" 800 SER NYLON/SST	BA0080409	BRUSH,BELT-1"X33" 800 SER NYLON/SST
BA0080963	O-RING	BA0075257	GASKET, INLET O-RING
BA0080964	CORD ASSY,VIBR-TERM STYLE 11.29 FT EP *	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080966	FINGERS,FIXED SIDE-UST ASSY 17-4PH SST *	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080967	HOUSING,CAM-UST ASSY 17-4 PH *	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080968	WRENCH ASSY,TENSIONING-500 SERIES 304SST	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080969	TOOL,EXTRACTION-ADJ BOLT 500 SER 304 SST	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0080976	BUTTON ASSY,PUSH-START NEMA 4,7,9 BLK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080977	BUTTON ASSY,PUSH-STOP NEMA 4,7,9 RED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080978	NUT,HEX HD HVY-.750-10 BRASS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080980	BOLT,ADJ-UST ASSY 303 SST	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080982	CURTAIN ASSY,DISCH-.188X20"X47.500 PVK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080984	O-RING, 4.375IDX.125 XSECT 75 DURO VITON	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080985	STARTER,PB-W/O ENCLOSURE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0080987	STRIP ASSY, SIDE -.250X.750X27.375 304 SST	BA0080970	STRIP ASSY,SIDE-.250X.750X27.375 *
BA0080988	STRIP ASSY, CROSS-.250X1.500X40.500	BA0080971	STRIP ASSY,CROSS-.250X1.500X40.500 *
BA0080989	STRIP ASSY, CROSS-.250X.750X40.500	BA0080972	STRIP ASSY,CROSS.250X.750X40.500
BA0080992	NOZZLE, 6" PREMIXER INNER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0081001	6" COUPLING,GROOVE BOLT STYLE, 304 SS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0081002	2" COUPLING, GRV 316 SS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0081003	NIPPLE, 2" VICTUALIC X 2" NPT X 2" LONG, 1LBS,S80-304SS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0081004	4" VICTUALIC COUPLING TYPE 78 7,5 LBS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0081005	4" VICTUALIC GASKET (SPARE)	BA0081180	4" VICTUALIC GASKET (SPARE) 3.7LBS
BA0081006	VACUUM GAUGE (0-30 IN/HG),5 LBS,GAUGE/DIAPHRAGM(NON-PLUGGING)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0081007	PRESSURE GAUGE(0-100 PSI),5LBS,GAUGE/DIAPHRAGM(NON-PLUG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0081008	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0081014	PRESSURE TRANSMITTER	BA0093669	PRESSURE TRANSMITTER 0-25 BAR WITH EX PROTECTION
BA0081023	HEATER,OVERLOAD 4.96-8.16 FLA BOX OF 3 *	BA0080473	HEATER,OVERLOAD 4.96-8.16 FLA BOX OF 3 *
BA0081040	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0081063	VEGAPULS 62,EX, W/MOUNTED FLANGE	BA0081083	VEGAPULS 62,EX, W/ MOUNTED FLANGE 1 1/2", 4-20 mA
BA0081082	VEGACONNECT, INTERFACE TRANSFORMER TO PC	BA0116331	VEGACONNECT 4, INTERFACE TRANSFORMER TO PC
BA0081102	ELBOW,CYCLONE-180 DEG W/2" VIC GRV URE	BA0080457	ELBOW,CYCLONE-180 DEG W/2" VIC GRV URE
BA0081103	CLAMP,BAND-10" FOR BP 10" DESANDER SST	BA0080463	CLAMP,BAND-10" FOR BP 10" DESANDER SST
BA0081104	CONE,DESANDER-10" LWR SECT BP URE	BA0080466	CONE,DESANDER-10" LWR SECT BP URE
BA0081105	NUT,ORIFICE-10" DESANDER BP URE	BA0080468	NUT,ORIFICE-10" DESANDER BP URE
BA0081106	EDUCTOR ASSY,VACU-FLO 1200 HRS	BA0080471	EDUCTOR ASSY,VACU-FLO 1200 HRS
BA0081107	ROD,LIQUID TRAP-.250MPT X.500-13BOLT THD	BA0080472	ROD,LIQUID TRAP-.250MPT X.500-13BOLT THD
BA0081108	ISOLATOR	BA0063934	ISOLATOR
BA0081109	HOSE,HYDR-1" ID X 13" LONG	BA0080475	HOSE,HYDR-1" ID X 13" LONG
BA0081160	PLICSCOM WITHOUT LID,FOR VEGAFLEX 61,STEP OFFSHORE DESIGN	BA0114693	PLICSCOM WITH MHWIRTH BRANDING
BA0081180	4" VICTUALIC GASKET (SPARE) 3.7LBS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0081303	ADAPTOR BRASS	BA0106994	ADAPTOR
BA0081312	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0081313	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0081314	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0081341	LEVEL SWITCH, HIGH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0081355	HOSE PACKAGE, 10T UTILITY WINCH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0081356	HOSE PACKAGE, 10T UTILITY WINCH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0081357	HOSE PACKAGE, HPU FOR AHC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0081358	HOSE PACKAGE, HPU FOR AHC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0081629	NOZZLE, 6" PREMIXER OUTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0081631	COAX CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0081736	SIMATIC DP, BUS CONNECTOR FOR PROFIBUS UP TO 12MBITS,90 DEGR.	BA0063886	SIEMENS PROFIBUS BUS CONNECTOR (PLUG)
BA0081812	TAG SIGN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0081815	OUTLET NOZZLE	BA0080360	NOZZLE, POLYURETHANE PUR 90 sh A(±5 sh A)
BA0081816	FLANGE WITH SWIVEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0081819	2" VICTUALIC GASKET (SPARE), 5,4 LBS	BA0063930	2" VICTUALIC GASKET
BA0081876	CAST FOR PIVOT ARM, LEFT HAND SIDE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0081877	CAST FOR CONNECTION ARM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0081878	CAST FOR PIVOT ARM, RIGHT HAND SIDE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0081894	RADIO REMOTE TERMINAL, W/ COMPL. KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0081898	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0081900	SOLENOID 24 VDC	BA0103588	24VDC COIL ISO/DIN 43650
BA0081915	RADIO REMOTE TERMINAL, WITHOUT KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0081946	VEGAFLEX 61,EX ZONE II, WITH DISPLAY WIRE LENGTH:10 MTR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0081947	VEGAFLEX 61,EX ZONE II, WITH DISPLAY WIRE LENGTH:6 MTR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0081948	VEGAFLEX 61,EX ZONE II,WITHOUT DISPLAY, WIRE L:10 MTR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0081958	VEGAVIB 62,EX, WITHOUT DISPLAY, LENGTH 1500	BA0063864	VEGAVIB 62, EX, WITHOUT DISPLAY
BA0081962	VEGABAR 52,0-10 BAR,EX,FLUSHMOUNTED MEMBRANE,WITH DISPLAY	BA0118180	VEGABAR 82.PRESSURE TRANSMITTER.GRAY PLASTIC HOUSING.0-
BA0081964	VEGABAR 52,0-25 BAR,SAFE,FLUSHMOUNTED MEMBRANE,WITHOUT DISPLAY	BA0115896	VEGABAR 82, 0-25 BAR,SAFE,FLUSHMOUNTED MEMBRANE,WITHOUT DISPLAY
BA0081967	VEGABAR 52,0-25 BAR,EX,FLUSHMOUNTED MEMBRANE,WITH DISPLAY	BA0106582	PRESSURE TRANSMITTER: PLASTIC HOUSING EX -1-25BAR WITH DISPLAY G11/2
BA0081972	PROXIMITY SWITCH FOR CYLINDER	BA0172290	PROXIMITY SENSOR, SDBT-MS-20NL-ZN-E-5-LE-EX6
BA0082023	DOOR LOCK FOR CABIN	BA0030412	DOOR-LOCK FOR CABIN
BA0082029	HOSE KIT-ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0082033	ADAPTER FOR DOUBLE WIPER BLADE	BA0077511	ADAPTER FOR DOUBLE WIPER BLADE, 650MM
BA0082035	SOLENOID VALVE 3/4" (INCL. ATEX COIL) 24V	BA0078402	SOLENOID VALVE 2/2-WAY N/C, 3/4", INCLUDING DC 24 V COIL WITH JB
BA0082036	FLAT BEAM NOZZLE W/NON-RETURN VALVE	BA0086985	FLAT SPRAY NOZZLE 1/4" – SPRAY ANGLE 65o - SS316, SPRAY TIP <(>&<)> BODY
BA0082040	EEX SWITCH FOR STANDBY HEATER CEAG GHG2732000R001	BA0023222	EX ON-OFF SWITCH 2 POLE, 2NO 16A 250V, 2XM25
BA0082060	MECHANICAL DRIVE SHAFT FOR PANTOGRAPH WIPER	BA0074885	DRIVE SPINDLE
BA0082128	HOSE KIT - ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0082189	SOCKET CAP SCREW LOW HEAD	BA0093128	SOCKET CAP SCREW LOW HEAD
BA0082192	PVEH 32 ELECTRICAL ACTIVATION W/ 10 MTR.CABLE	BA0175886	SOLENOID COMPLETE W/10m CABLE, ENTRANCE AWAY FROM VALVE
BA0082193-01	PVEO 32 ELECTRICAL ACTIVATION W/5 M CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0082200	HOSE KIT - ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0082201	HOSE KIT - ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0082214	DERRICK 14M, HOSE 36,5M, TOP DRIVE 3M	BA0089354	BLOCK DOLLY INSTRUMENT LOOP, TYPE 76887 COMPACT
BA0082215	DERRICK 11M, HOSE 34M, TOP DRIVE 8M	BA0089353	INSTR.AND AUX.POWER LOOP, TYPE 76886 COMPACT
BA0082237	HOSE KIT - ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0082241	SIMATIC NET PROFIBUS S7, 2008 EDITION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0082244	HOSE KIT-ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0082252	HOSE KIT - ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0082263	PROPORTIONAL PRESSURE CONTROL DIRECT	BA0106092	PRESSURE REDUCING VALVE
BA0082276	SIMATIC PC IPC427C	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0082277	PRESSURE TRANSMITTER	BA0094337	PRESSURE TRANSMITTER 0-16BAR EX-I IS HA
BA0082286	HOSE KIT - ISO12151-3/2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0082293	REMOTE CONTROL ADJUSTABLE CASING FB	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0082302	SOCKET CAP SCREW LOW HEAD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0082304	CCTV ACTIVE TRANSMITTER BALUN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0082315	HOSE KIT- ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0082318	HOSE KIT ISO12151-2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0082339	WIPER ARM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0082343	SIKAFLEX 555 GLUE FOR WINDOW	BA0059510	SIKAFLEX 555 SEAL PASTE FOR WINDOW
BA0082370	SOCKET CAP SCREW	BA0070743	SOCKET CAP SCREW
BA0082412	RIBBED TUBE HEATER	BA0074481	RIBBED TUBE RADIATOR
BA0082425	ROLLER	BA0084574	ROLLER
BA0082438	RADIO CONTROL OP. PANEL, 5T UTILITY WINCH FWD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0082439	RADIO CONTROL OP. PANEL, 5T UTILITY WINCH AFT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0082440	RADIO CONTROL OP. PANEL, 10T UTILITY WINCH AFT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0082441	RADIO CONTROL OP. PANEL, 10T UTILITY WINCH FWD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0082442	RADIO CONTROL OP. PANEL, MANRIDER WINCH FWD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0082443	RADIO CONTROL OP. PANEL, MANRIDER WINCH AFT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0082463	NIPPLE, NPT X NPT, 2" X 2" 304 SS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0082464	BUTTERFLY VALVE 4" VIC SERIES 300 W/ INDEX HNDL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0082465	BALL VALVE ASSY 2" NPT SS 2.5 LBS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0082473	SEAL KIT FOR PISTON ACCUMULATOR	BA0103045	WYN-SEAL SEAL KIT Ø100
BA0082517	VALVE BLOCK	BA0083631	PILOT PRESSURE REDUCING/RELIEF VALVE BLOCK, PMC SERVI SSP SYSTEM
BA0082519	CHARGER WITH CABLE FOR BATTERY MC-3300 EX	BA0082728	CHARGER COMPLETE WITH 5 CABLES
BA0082530	BASE UNIT, 170385-MX021	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0082532	BASE UNIT,170385-MX101	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0082645	RADIO REMOTE CONTROL, TERMINAL AND BASE UNIT COMPL.,100657-BC511	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0082677	SET SCREW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0082680	MATRIX COMPUTER, MXE-5000 SERIES (MXE-5104) WITH SSD	BA0118885	ADVANTECH MIC7500
BA0082707	SEAL KIT FOR DSC ACCUMULATOR	BA0076250	SEAL KIT FOR DSC ACCUMULATOR.
BA0082745	PNEUMATIC WIPER CYLINDER FOR UPPER FRONT WINDOW	BA0033023	PNEUMATIC WIPER CYLINDER FOR UPPER FRONT WINDOW
BA0082746	PNEUMATIC WIPER CYLINDER FOR ROOF WINDOW	BA0033012	PNEUMATIC WIPER CYLINDER FOR ROOF WINDOW
BA0082747	PNEUMATIC WIPER CYLINDER FOR LOWER SIDE WINDOW	BA0033074	PNEUMATIC WIPER CYLINDER
BA0082748	PARALLEL WIPER ARM FOR LOWER FRONT WINDOW	BA0074478	PARALLEL WIPER ARM 700MM
BA0082749	PNEUMATIC WIPER CYLINDER FOR FRONT WINDOW	BA0071112	PNEUMATIC WIPER CYLINDER FOR FRONT WINDOW
BA0082750	PNEUMATIC WIPER CYLINDER FOR ROOF WINDOW	BA0071113	PNEUMATIC WIPER CYLINDER FOR ROOF WINDOW
BA0082751	PNEUMATIC WIPER CYLINDER FOR SIDE WINDOW	BA0071114	PNEUMATIC WIPER CYLINDER FOR SIDE WINDOW
BA0082757	WIPER ARM FOR FRONTWINDOW	BA0024688	PANTOGRAPH WIPER ARM FOR FRONT WINDOW
BA0082758	LOWER SIDE WINDOW FOR DERRICKMAN'S CABIN	BA0079395	LOWER SIDE WINDOW GLASS FOR DERRICKMAN'S CABIN
BA0082765	6" ELBOW PLUG ISOLATION VALVE	BA0097405	6" ELBOW PLUG ISOLATION VALVE
BA0082792	OIL - WATER COOLER	BA0091815	OIL-WATER COOLER
BA0082796	SINGLE PUMP	BA0076398	SINGLE PUMP
BA0082827	FILTER ELEMENT	BA0120013	FILTER ELEMENT BRANDED STAT-FREE
BA0082833	PRESS.TRANSMITTER W/15 MTR.CABLE	BA0115864	PRESS. TRANSMITTER W/15 MTR. CABLE
BA0082836	SOCKET CAP SCREW LOW HEAD	BA0040270	SOCKET CAP SCREW
BA0082845	VALVE SECTION FOR MAIN CTRL. VALVE, SPIN	BA0054015	SIZE 5 SEGMENT FOR SPINNER MOTOR SPIN
BA0082879	SEAL KIT FOR DSC CYLINDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0082913	NOZZLE FOR WIPER ARM	BA0032982	NOZZLE FOR WIPER ARM
BA0082922	SIMATEC NET IE SOFTNET-S7 LEAN 2008 V7.1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083014	BUTTERFLY VALVE ANSI W/ ELECTRIC ACTUATOR	BA0089359	BUTTERFLY VALVE ANSI W/ ELECTRIC ACTUATOR
BA0083020	SUNBLIND FOR WINDOW GLASS	BA0066314	SUNBLIND A, W/SPRING RETURN, FOR DCC
BA0083048	DOOR-ROLL FOR SUNBLIND	BA0052248	DOOR ROLL FOR SUNBLIND
BA0083059	BLADDER FOR PULSATION DAMPENER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083083	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083084	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083085	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083104	TRAVEL GEAR	BA0054130	TRAVEL GEAR
BA0083118	SIMATIC NET IE SOFTNET-PG/2008	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083122	DOOR-LOCK CASE, VINGCARD, LEFT HAND SIDE	BA0052241	DOOR-LOCK CASE VINGCARD LEFT HAND SIDE
BA0083138	LOAD CONTROL VALVE, CARTRIDGE FOR CAVITY T-17A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083144	IMO OILPUMP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083159	HOSE PACKAGE, BRIDGE CRANE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083160	HOSE PACKAGE, BRIDGE CRANE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083161	HOSE PACKAGE, BRIDGE CRANE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083162	HOSE PACKAGE, BRIDGE CRANE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083165	IN-LINE ACTUATOR 4MM/S 1600N	BA0098071	IN-LINE ACTUATOR 50MM 1:71 2200N 24VDC, IP66, 1M CABLE
BA0083179	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0083184	SHELL ALVANIA GREASE EP(LF)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083185	HOSE PACKAGE, LGA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083186	HOSE PACKAGE, LGA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083187	HOSE PACKAGE, LGA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083191	HOSE PACKAGE, LGA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083192	HOSE PACKAGE, STANDBUILDER ARM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083193	HOSE PACKAGE, STANDBUILDER ARM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083194	HOSE PACKAGE, STANDBUILDER ARM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083195	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083196	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083197	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083198	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083231	PROFICY SQL SERVER + 10 CLIENTS LICENSE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083238	HOSE PACKAGE, 5T/6T UTILITY WINCH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083278	HOSE KIT - ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083279	HOSE KIT - ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083281	HOSE KIT - ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083282	SEPARATOR HEAD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083329	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083338	BATTERY BACK-UP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083340	LIGHT FIXTURE	BA0083381	LIGHT FIXTURE 2x36W SURFACE MOUNTED
BA0083342	EEX EMERGENCY LIGHT FIXTURE	BA0084596	LIGHT FIXTURE 2x36W WITH 3HOUR BATTERY, SURFACE MOUNTED, 110-254V/50-
BA0083359	SEAL KIT FOR RW 1523	BA0078993	SEAL KIT COMPLETE FOR GEAR
BA0083362	SEAL KIT FOR WIRELINE TENSIONER ACCUMULATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083379	GLAND PACKING	BA0063926	GLAND PACKING (3 PER SET) TEFLON
BA0083458	ADAPTER SET	BA0091445	RING
BA0083476	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083477	DIRECTIONAL SEATED VALVE, EL.OPER.CETOP	BA0061803	DIRECTIONAL SEATED VALVE ,EL.OPER.CETOP
BA0083478	DIRECTIONAL CONTROL VALVE, EL.OPER	BA0061804	DIRECTIONAL SEATED VALVE EL.OPER.CETOP
BA0083495	SIZE 3 SEGMENT FOR SPINNER CLAMP	BA0079776	SEGMENT FOR SPINNER CLAMP
BA0083496	SIZE 3 SEGMENT FOR TRAVEL	BA0066950	PROPORTIONAL VALVE
BA0083498	SIZE 3 SEGMENT FOR SPINNER ELEV.	BA0079777	SEGMENT FOR SPINNER CLAMP, SPINNER ELEVATION
BA0083536	JUNCTION BOX	BA0078288	JUNCTION BOX
BA0083587	OIL LEVEL INDICATOR W/MAGNETIC SWITCHES	BA0085545	LEVEL GAUGE COMPLETE
BA0083618-01	HOSE KIT REINFORCED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083647	HYDRAULIC PUMP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083657	RADIO CONTROL PANEL FOR MANRIDER WINCH FWD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083658	RADIO CONTROL PANEL FOR MANDRIDER WINCH AFT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083659	RADIO CONTROL PANEL FOR RISER CHUTE PANEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083660	RADIO CONTROL PANEL FOR UTILITY WINCH AFT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083661	RADIO CONTROL PANEL FOR DFMA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083714	HEX HEAD SCREW	BA0039119	HEX HEAD SCREW
BA0083716	HEX NUT, TYPE ISO 898-2	BA0038012	HEX NUT
BA0083719	GAUGE 0-20.000 PSI (REDLINE FROM 15000-20000)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083799	MICROWAVE POSITION SENSOR	BA0078070	MICROWAVE SYSTEM FOR POSITION MEASUREMENT OF DAT CYLINDER.
BA0083828	ELECTRIC MOTOR EEXDE IIC T4	BA0114547	ELECTRIC MOTOR EX II2G Ex de IIC T4
BA0083867	CHECK VALVE	BA0019578	NON RETURN VALVE
BA0083877	CRUCIAL REAL SSD C300 2 5" DRIVE W/BLACK TRAY FOR 3U SUPER	BA0103790	SAMSUNG 256GB 2.5" SSD 850 PRO SERIES W/BLACK TRAY FOR 3U SUPERMICRO
BA0083880	WASHER	BA0038641	WASHER
BA0083883	PAL NUT	BA0022564	PAL NUT
BA0083887	WINDOWS SERVER 2008 STANDARD LICENSE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0083919	SIKATAK DRIVE GLUE SET	BA0035736	SIKATAK DRIVE GLUE SET
BA0083972	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083973	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0083974	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084013	CYL MANIFOLD UPGRADE KIT	BA0087165	CYLINDER MANIFOLD - SNORRE B - NORTH SIDE
BA0084019	PRESSURE TRANSMITTER	BA0104193	PRESSURE TRANSMITTER
BA0084025	ARECA RAID CONTROLLER, PCIe 2.0 to 6Gb/s SAS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084029	HYDRAULIC PUMP	BA0081914	HYDRAULIC PUMP
BA0084134	SPRING, RELEASE BUTTON	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084142	PRESSURE DEBOOSTER, MUD MANIFOLD	BA0085449	4:1 DEBOOSTER 2" FIG 1502 MALE SUB & WING, NUT CONNECTION FOR SOUR
BA0084165	CONTROL SWITCH, 2 POSITIONS, 2 CHANGEOVER SWITCHES	BA0112778	ELECTRICAL CIRCUIT CONTROL, ISSW
BA0084168	PRO-FACE OPERATORS PANEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084181	HOSE KIT - ISO12151 - 2/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084197	GEAR WHEEL	BA0047654	GEAR WHEEL
BA0084204	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084211	HEX HEAD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084212	HEX HEAD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084214	HEX HEAD BOLT	BA0085758	HEX HEAD BOLT
BA0084216	HEX NUT	BA0083881	HEX NUT
BA0084217	HEX NUT	BA0038013	HEX NUT
BA0084219	PAL NUT, GALV.	BA0022485	PAL NUT
BA0084220	PAL NUT, HOT DIP GALVANIZED	BA0022734	PAL NUT
BA0084223	WASHER	BA0038461	HEX HEAD BOLT
BA0084226	GASKET SET FOR COOLER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084228	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084254	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084255	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084259	ELECTRIC MARINE MOTOR 99 KW, IP56	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084260	SUCTION VALVE PLATE	BA0066553	CONCENTRIC VALVE 3. STAGE
BA0084261	VALVE SPRING	BA0066553	CONCENTRIC VALVE 3. STAGE
BA0084262	DELIVERY VALVE PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084263	DELIVERY VALVE SPRING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084264	SUCTION VALVE PLATE	BA0066558	CONCENTRIC VALVE 4. STAGE
BA0084265	SUCTION VALVE SPRING	BA0066558	CONCENTRIC VALVE 4. STAGE
BA0084266	DELIVERY VALVE PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084267	DELIVERY VALVE SPRING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084312	CMC PISTON ACCUMULATOR	BA0102412	CMC PISTON ACCUMULATOR, 1500 KIPS, WITHOUT NI 4053095R20
BA0084314	CMC FORCE EQUALIZER CYLINDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084319	HOSE 1½" FOR FORCE EQUALIZER CYLINDER	BA0106996	HOSE 1½" FOR FORCE EQUALIZER CYLINDER
BA0084372	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084382	SEAGATE HARD DISC WITH CONVERSION KIT 2,5"/3,5"	BA0121856	HARDDISK, SEAGATE 2,5" 600GB SAS IN HOT SWAP TRAY
BA0084390	ACTIVE HEAVE COMPENSATOR CYLINDER 200-170/105-7850 WF TYPE A	BA0112688	287780-07850 AHC CYLINDER 200-170/105-7850 WF TYPE A - DNV RAL 3002 RED
BA0084391	ACTIVE HEAVE COMPENSATOR CYLINDER 200-170/105-7850 WF TYPE B	BA0112689	287781-07850 AHC CYLINDER 200-170/105-7850 WF TYPE B - DNV RAL 3002
BA0084414	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084418	FILTER ELEMENT	BA0090415	FILTER ELEMENT STAT-FREE
BA0084419	RETURN FILTER CARTRIDGE INCL. BYPASS 3 BAR	BA0090415	FILTER ELEMENT STAT-FREE
BA0084420	RETURN LINE FILTER ASSEMBLY TANKTOP	BA0086439	RETURN LINE FILTER ASSEMBLY TANKTOP,STAT-FREE
BA0084421	FILTER ELEMENT BRANDED	BA0086452	FILTER ELEMENT STAT-FREE
BA0084422	PRESSURE MANIFOLD, ASSEMBLY CARMINE RED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084444	WINCH MOTOR	BA0098009	WINCH MOTOR
BA0084445	WINCH MOTOR	BA0096308	WINCH MOTOR

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0084455	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084456	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084457	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084458	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084459	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084461	PRESSURE ROLLER	BA0092237	PRESSURE ROLLER (ATEX)
BA0084484	RELAY INTERFACE MODULE 48.52.7.024.0050	BA0084482	RELAY INTERFACE MODULE 48.52.7.024.0050
BA0084599	CCTV DOME EX IP-HD,SC385, Gland, Bracket, No VFL, Copper TX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084654	CLAMP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084655	CLAMP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084656	CLAMP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084657	LOBESTAR MIXING EDUCTOR, MODEL V VE-U-6S/M 6"(150MM)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084658	6" LOBESTAR NOZZLE INSERT, URETHANE, 3 LBS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084669	NITRILE BLADDER, EHV-SS50-330 NIT.	BA0067913	REP.KIT FOR ACCUMULATOR BLADDER W/GASKET
BA0084672	FILTER ELEMENT	BA0091272	FILTER ELEMENT STAT-FREE
BA0084673	RETURN LINE FILTER ASSEMBLY	BA0086438	RETURN LINE FILTER ASSEMBLY STAT-FREE
BA0084674	ELECTRIC MARINE MOTOR 99 KW, IP56	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084740	MRB UNIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084755	SERVICE KIT MINOR T-82	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084756	TOOL KIT FOR TZ-82	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084901	VEGA DENSITY TRANSMITTER	BA0098152-01	SEPARATELY VEGA DENSITY INDICATING TRANSMITTER MINITRAC 31 (IECEX)
BA0084912	TEMPERATURE TRANSMITTER, MI1GO	BA0106703	COMPLETE TEMPERATURE TRANSMITTER ASSEMBLY WITH PT100 SENSOR, TRANSMITTER
BA0084932	SEALING	BA0099895	SEALING
BA0084940	UPS BATTERY PACK WEIDMULLER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084979	ELBOW, VICTUALIC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084980	BUTTERFLY VALVE, 300 SERIES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0084981	VICTUALIC COUPLING, TYPE 77	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085018	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085019	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085035	SIMATIC DP, POWER SUPPLY MODULE 24V FOR ET200ISP	BA0063888	SIMATIC DP POWER SUPPLY MODULE 24V FOR ET200ISP
BA0085036	SIMATIC DP,ELECTR.SUBMODULE FOR ET200ISP, 8 DI NAMUR	BA0063887	SIMATIC DP ELECT.SUBMODULE FOR ET200ISP,8DI NAMUR
BA0085037	SIMATIC DP SUBMODULE FOR ET200ISP, 4 AI HART,2DMU	BA0075253	SIMATIC DP ELECT.SUBMODULE FOR ET200ISP, 4 AI HART,2DMU
BA0085046	MAIN CONTACTOR - SCHNEIDER/TELEMECANIQUE	BA0042345	CONTACTOR 25A 3P DC
BA0085049	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085050	CMC FORCE EQUALIZER CYLINDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085096	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085098	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085099	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085100	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085108	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085109	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085111	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085149	MONITOR CABLE, HALOGENFREE, VGA-VGA, 5M, HE-HE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085161	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085162	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085163	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085308	PRESSURE GAUGE, TYPE TF, TF100G-316-316-316-S-1/2"NPT-M	BA0119510	PRESSURE GAUGE SAFETY TYPE WITH CHEMICAL SEAL
BA0085309	TEMPERATURE TRANSMITTER	BA0113457	TEMPERATURE TRANSMITTER
BA0085319	BALL VALVE, SS	BA0032764	BALL VALVE
BA0085337	VEGAFLEX 61,EX-D, WITH DISPLAY, WIRE L:6 MTR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085338	6" DIFFUSER FOR BY06- VERSION II	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0085343	SIMATIC PANEL PC 577B, 15" TOUCH WITH LICENSE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085404	FALCON PCI FRAME GRABBER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085405	FALCON PCI FRAME GRABBER, LOW PROFILE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085432	TEFLON WASHER FOR EX GLAND, BRASS, RAUFOSS	BA0110004	TEFLON WASHER FOR CABLE GLAND E 205
BA0085433	PLC RELAY, 24 V DC, DPDT FOR USE IN HAZARDOUS LOCATIONS (1 pac = 10 ea)	BA0172031	PLC RELAY, 24 V DC, DPDT FOR USE IN HAZARDOUS LOCATIONS
BA0085506	CRUCIAL REAL SSD C300 2 5" DRIVE W/ TRAY FOR 6U SUPERMICRO	BA0098366	SAMSUNG 256GB 2.5" SSD 840 PRO SERIES W/BLACK TRAY FOR 6U SUPERMICRO
BA0085510	WIRELINE TENSIONER CYLINDER 250 KIPS (TYPE A)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085511	WIRELINE TENSIONER CYLINDER 250 KIPS (TYPE B)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085606	ECC CABINET - CABINET WITH 228965 ECC CONTENTS- IP22	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085608	ECC+TC CABINET - CABINET WITH 228965 ECC AND 228967 TC CONTENTS - IP22	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085630	HEX HEAD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085650	INSTRUMENT LOOP,TYPE 73997 COMPACT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085679	POWER SUPPLY 24 V AC	BA0112768	POWER SUPPLY 14 Amp 24/28 VAC 16 OUT RACK
BA0085700	SILICON RECTIFIER DIODE 10A	BA0115282	RECTIFIER DIODE 10A
BA0085703	ELECTRIC MARINE MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085725	HEX HEAD BOLT	BA0038272	HEX HEAD BOLT
BA0085730	EEXi WIRE HARNESS FOR BZ07 EX CHAIR, LEFT SIDE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085731	EEXi WIRE HARNESS FOR BZ07 EX CHAIR, RIGHT SIDE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085732	EEXe WIRE HARNESS FOR BZ07 EX CHAIR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085734	EEXi CONNECTOR FOR BZ07 EX CHAIR, RIGHT HAND SIDE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085736	SIEMENS DIGITAL OUTPUT MODULE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085744	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085745	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085775	INTERMEDIATE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085779	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085784	DELL OFFICE PC FOR 2 SCREENS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085799	WIRE SHEAVE MACHINED,FORGED AND WELDED	BA5305022	COMPLETE 60 INCH WIRE SHEAVE, 1 1/2 INCH WIRE, ORDINARY, ABS, RAL 3002 CARMINE RED
BA0085831	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085843	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085848	HIGH SPEED ROLLER CHAIN 6-FOLD, DIN 8188	BA0120962	ROLLER CHAIN FOR MUD PUMP
BA0085860	FILTER ELEMENT	BA0086414	FILTER ELEMENT STAT-FREE
BA0085861	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085868	STANDARD SPARE DRILLVIEW OFFICE CLIENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085868-01	SPARE OFFICE CLIENT FOR AZERI RIGS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085868-02	SPARE DRILLVIEW OFFICE CLIENT W/SIMPLICITY 6.1 SP3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0085982	PLUG, R 3/8"	BA0121442	"HYDRAULIC PLUG 3/8"" BSP
BA0086024	VGA CABLE W/HD-15 MALE X 2 COUPLINGS	BA0120796	VGA CABLE W/HD-15 MALE X 2 COUPLINGS
BA0086061	LOGITECH WIRELESS GAMEPAD, RUMBLEPAD II PC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0086067	LCD SCREEN-TFT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0086075	GIGABYTE GRAPHIC CARD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0086082	FLANGE, SPLIT CLAMP PAIR	BA0051574	FLANGE, SPLIT CLAMP PAIR
BA0086083	GUIDED WIRE ANCHOR (FOR VEGAFLEX)	BA0100695	GUIDED WIRE ANCHOR ASSY
BA0086086	CHARGING VALVE, PART NO. 16-478	BA0095451	CHARGING VALVE ITEM 6478
BA0086087	GAUGE, 10000 PSI, PART NO. 16-468	BA0090079	PRESSURE GAUGE MATTCO DAMPENER
BA0086106	VARIABLE FREQUENCY DRIVE (FREQUENCY CONVERTER)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0086152	RELAY	BA0116411	RELAY
BA0086178	SERVICE KIT MAJOR T-82	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0086179	SERVICE KIT MINOR i40S / i40D	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0086180	SERVICE KIT MAJOR i40S / i40D	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0086181	LOW FLOW SERVICE KIT i40S	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0086191	ELECTRIC MOTOR, ZONE 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0086193	SEALING	BA0110806	SEALING, V-RING
BA0086202	JOINT LINK FOR CHAIN WHEEL	BA0086201	SET OF CHAIN WHEELS, DUPLEX CHAIN AND JOINT LINK
BA0086223	SAMPLING BRACKETS FOR CONTROL VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0086225	POWER BOARD FOR DENSITY TRANSMITTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0086226	VEGAFLEX 61,EX,WITHOUT DISPLAY, WIRE LENGTH: 10 M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0086232	VEGASON 62, EX	BA0107006	LEVEL TRANSMITTER: PLASTIC HOUSING, EX, WITHOUT DISPLAY, G2" THREADS
BA0086280	JOINT LINK FOR CHAIN WHEEL	BA0086279	SET OF CHAIN WHEELS, TRIPLEX CHAIN AND JOINT LINK
BA0086307	PROTECTOR,STGR-26" SGL NCH NITL	BA0080974	PROTECTOR,STGR-26.125 SGL NCH PVC/NITL *
BA0086317	TAG PLATE FOR VEGA INSTRUMENTS	BA0114722	TAG PLATE FOR VEGA INSTRUMENTS
BA0086331	17" LCD SCREEN F/FRAME	BA0075261	19" SCREEN FOR 19" RACK W/VGA INPUT
BA0086358	FILTER ELEMENT BRANDED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0086412	FILTER ELEMENT STAT-FREE	BA0115002	FILTER ELEMENT, STANDARD
BA0086440	PRESSURE FILTER ASSEMBLY STAT-FREE	BA0120099	PRESSURE FILTER ASSEMBLY, BRANDED
BA0086445	PRESSURE FILTER ASSEMBLY STAT-FREE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0086454	SUPPORT, FINGERS, UNDER SCREEN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0086457	NOZZLE ASSEMBLY, DISCHARGE-DE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0086508	SEAL KIT FOR HYDRAULIC CYLINDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0086569	WIRE SHEAVE COMPLETE ASSEMBLY,FORGED AND WELDED	BA5305023	COMPLETE 60 INCH WIRESHEAVE, 1 1/2 INCH WIRE, SUPERLIGHT, ABS, RAL 3002
BA0086570	WIRE SHEAVE COMPLETE ASSEMBLY,FORGED AND WELDED	BA5305019	COMPLETE 60 INCH WIRESHEAVE, 1 3/4 INCH WIRE, SUPERLIGHT, ABS, RAL 3002
BA0086571	WIRE SHEAVE COMPLETE ASSEMBLY,FORGED AND WELDED	BA5305025	COMPLETE 60 INCH WIRESHEAVE, 1 3/8 INCH WIRE, SUPERLIGHT, ABS, RAL 3002
BA0086572	WIRE SHEAVE COMPLETE ASSEMBLY,FORGED AND WELDED	BA5305021	COMPLETE 60 INCH WIRESHEAVE, 1 5/8 INCH WIRE, SUPERLIGHT, ABS, RAL 3002
BA0086573	WIRE SHEAVE COMPLETE ASSEMBLY,FORGED AND WELDED	BA5305022	COMPLETE 60 INCH WIRESHEAVE, 1 1/2 INCH WIRE, ORDINARY, ABS, RAL 3002 CARMINE RED
BA0086574	WIRE SHEAVE COMPLETE ASSEMBLY,FORGED AND WELDED, RAL 3002	BA5305018	COMPLETE 60 INCH WIRESHEAVE, 1 3/4 INCH WIRE, ORDINARY, ABS RAL 3002
BA0086575	WIRE SHEAVE COMPLETE ASSEMBLY,FORGED AND WELDED	BA5305024	COMPLETE 60 INCH WIRESHEAVE, 1 3/8 INCH WIRE, ORDINARY, ABS, RAL
BA0086576	WIRE SHEAVE COMPLETE ASSEMBLY,FORGED AND WELDED	BA5305020	COMPLETE 60 INCH WIRESHEAVE, 1 5/8 INCH WIRE, ORDINARY, ABS, RAL 3002 CARMINE RED
BA0086585	HYBRID FIBRE COMPOSITE CCTV CABLE WITH PLUG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0086641	PRESSURE BUILD UP VALVE	BA0073828	PRESSURE BUILD UP VALVE
BA0086770	BALL VALVE KHM-G1 1/2 1112 06X	BA0115086	BALL VALVE
BA0087064	ADAPTER FOR 800MM WIPERBLADES 750MM LEFT	BA0077512	ADAPTER FOR DOUBLE WIPER BLADE
BA0087065	WIPERBLADE 900MM HEAVY-DUTY	BA0103293	WIPERBLADE 900MM
BA0087068	PNEUMATIC SOLENOID VALVE FOR WASHER G1/2" VALVE 2/2-WAY AISI 316	BA0093864	PRESSURE OPERATED VALVE 2/2 NORMALLY CLOSED, G1/2", STAINLESS STEEL
BA0087087	BATTERI FOR EEX EMERGENCY LIGHT FIXTURES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087105	SHACKLE WITH BOLT	BA0020365	SHACKLE WITH BOLT
BA0087109	SLEEVE BUSHING	BA0171031	SLEEVE BUSHING
BA0087128	CONNECTOR, PLUG	BA0150818	CONNECTOR, PLUG
BA0087164	COUNTERSUNK SCREW	BA0039770	COUNTERSUNK SCREW
BA0087176	SHACKLE LOADCELL 25T ME00391B	BA0121398	SHACKLE LOADCELL - ME00391D
BA0087194	PISTON	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087287	M23 19 POLE CABLE WITH PIGTAIL 2M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087288	M23 19 POLE CABLE 2M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087289	M23 19 POLE CABLE 15M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087290	M23 8 POLE CABLE WITH PIGTAIL 1,5M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087291	M23 8 POLE CABLE 2M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087292	M23 8 POLE CABLE 15M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087302	LOADCELL	BA0119390	LOAD CELL SHEAR-PIN DRAWING ME03342
BA0087333	WIRE SHEAVE MACHINED,FORGED AND WELDED, RAL 3002, RED	BA5305018-01	COMPLETE 60 INCH WIRESHEAVE, 1 3/4 INCH WIRE, ORDINARY, DNV, RAL 3002 CARMINE RED
BA0087333-01	WIRE SHEAVE MACHINED FORGED AND WELDED RAL 1023 YELLOW	BA5305018-02	COMPLETE 60 INCH WIRESHEAVE, 1 3/4 INCH WIRE, ORDINARY, DNV, RAL 1023
BA0087333-02	WIRE SHEAVE MACHINED FORGED AND WELDED RAL 1023 YELLOW	BA5305018-03	COMPLETE 60 INCH WIRESHEAVE, 1 3/4 INCH WIRE, ORDINARY, ABS, RAL 1023
BA0087340	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087343	WIRE SHEAVE MACHINED,FORGED AND WELDED	BA5305024	COMPLETE 60 INCH WIRESHEAVE, 1 3/8 INCH WIRE, ORDINARY, ABS, RAL
BA0087359	MOTOR D650V, 1655KW, ABS/CDS	BA0098818	MOTOR D650V 1655KW ABS/CDS 2012

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0087424	WIRE SHEAVE MACHINED,FORGED AND WELDED	BA5305020	COMPLETE 60 INCH WIRESHEAVE, 1 5/8 INCH WIRE, ORDINARY, ABS, RAL 3002 CARMINE RED
BA0087469	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087484	POWER CABLE UNARMoured	BA0087982	UMBILICAL LOOP CABLE FOR COMPACT LOOP
BA0087485	POWER CABLE UNARMoured	BA0087982	UMBILICAL LOOP CABLE FOR COMPACT LOOP
BA0087486	SERVICE LOOP COMPLETE W/COUPLINGS	BA0036102	SERVICE LOOP COMPLETE W/COUPLINGS
BA0087515	KEEPER PLATE	BA5249680	AXLE HOLDER PLATE
BA0087519	WALL MOUNTED BRACKET	BA0098434	WALL MOUNTED BRACKET FOR SCREEN
BA0087555	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087563	CALDARO PROFIBUS JOYSTICK, LEFT REV.A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087564	CALDARO PROFIBUS JOYSTICK, RIGHT REV.B	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087572	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087598	LOWER NUT	BA0087596	LOWER NUT KIT
BA0087599	UPPER NUT	BA0087597	UPPER NUT KIT
BA0087605	LOWER NUT	BA0087603	LOWER NUT KIT
BA0087606	UPPER NUT	BA0087604	UPPER NUT KIT
BA0087607	WRENCH KIT	BA0087600	SEAL CARRIER KIT
BA0087608	O-RING KIT	BA0087601	O-RING KIT
BA0087609	FACE SEAL KIT	BA0087602	FACE SEAL KIT
BA0087612	LOWER NUT	BA0087610	LOWER NUT KIT
BA0087613	UPPER NUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087615	MANIFOLD W/ VALVES, TOP DRIVE TORQUE WRENCH	BA5180062	MANIFOLD W/ VALVES TOP DRIVE TORQUE WRENCH
BA0087627	O-RING	BA0023882	O-RING
BA0087673	NON RETURN DAMPER Ø200	BA0096518	NON RETURN DAMPER 200MM
BA0087675	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087729	WATERTANK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087811	SET OF ELEVATOR LINKS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087812	SET OF ELEVATOR LINKS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087813	SET OF ELEVATOR LINKS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087814	SET OF ELEVATOR LINKS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087814-01	SET OF ELEVATOR LINKS	BA0087812-01	SET OF ELEVATOR LINKS
BA0087814-02	SET OF ELEVATOR LINKS	BA0087812-02	SET OF ELEVATOR LINKS
BA0087815	SET OF ELEVATOR LINKS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087815-01	SET OF ELEVATOR LINKS	BA0087813-01	SET OF ELEVATOR LINKS
BA0087815-02	SET OF ELEVATOR LINKS	BA0087813-02	SET OF ELEVATOR LINKS
BA0087819	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087837-01	PRESSURE MANIFOLD WITH FILTER AND RELIEF VALVE, LIGHT GREEN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087865	SET OF ELEVATOR LINKS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087871	POWER CABLE BLACK	BA0026238	POWER CABLE BLACK
BA0087965	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087966	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087969	BLOWER SYSTEM FOR DDM-2E	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087978	CLOSED-LOOP PROPORTIONAL ELECTRO-HYDRAULIC MODULE	BA0173335	PROPTIONAL ACTUATION CLOSED LOOP CONTROL ATEX FOR HPV77
BA0087984	COMPACT XX LOOP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087985	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087987	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087991	COMPACT XXX LOOP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087992	FLANGE SET TO BUNDLE XX LOOP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0087995	FLANGE SET TO BUNDLE XXX LOOP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088002	CABLE GLAND EEXE BRASS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088012	BREATHER FILTER COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088018	CIMPLICITY SERVER DEVELOPMENT 8.2 LICENSE	BA0120442	LICENSE, CIMPLICITY 10 SERVER STANDARD DEVELOPMENT / RUNTIME, 35000

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0088082	RADIO REMOTE TERMINAL,170540-BC251	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088087	CHE/NBR/PTFEBZ R_SEAL SPLITTED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088088	HYDRAULIC CYLINDER DRWG 641-95	BA0090091-01	HYDRAULIC CYLINDER DRWG 641-95
BA0088105	FILTER CLOGGING INDICATOR	BA0061075	FILTER CLOGGING INDICATOR
BA0088123	HEX BUTTON HEAD SCREW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088144	PROP.SOLENOID FOR HPV77 0-20MA CLOSED LOOP	BA0087978	CLOSED-LOOP PROPORTIONAL ELECTRO-HYDRAULIC MODULE
BA0088182	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088183	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088184	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088187	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088190	SIMATIC IPC647C RACK PC INDUSTIAL DRILLVIEW CLIENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088206	IN-LINE FILTER ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088221	ØLFLEX CABLE	BA0086590	ØLFLEX CABLE
BA0088244	RADIO CONTROL PANEL DFMA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088249	TRANSMITTER 4 CHANNELS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088255	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088286	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088289	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088291	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088294	SIMATIC IPC627C 230V POWER XP	BA0116212	SIMATIC IPC627C 230V POWER XP
BA0088308	EX PROOF SOUNDER-STROBE COMBINATION	BA0103019	COMBINATION BEACON SOUNDER EX
BA0088332	CROSSHEAD ROD	BA0022979	CROSSHEAD ROD
BA0088372	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088373	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088375	SIMATIC WINAC RTX 2010	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088385	CABLE DUCT W/COVER, AFNOR 2525 BLUE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088397	EAGLE LIGHT 170494-BB011 GA	BA5237567	170494-BB011
BA0088399	CLUB 3D GEFORCE GTX 580-GRAPHIC CARD- GF GTX 580 - 1.5 GB	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088414	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088422	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088423	TEMPOSONIC POSITION SENSOR FOR CYLINDER	BA0068200	TEMPOSONIC POSITION SENSOR FOR CYLINDER
BA0088428	CONTROL VALVE GROUP W/FILTERS CLOSED LOO	BA0172675	CVG-53 WITH FILTERS CL
BA0088433	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088442	CABLE HALOGEN FREE	BA0099405	BETAFLAM 145 C-FLEX CABLE
BA0088450	LITHIUM BATTERY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088484	DELL OFFICE PC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088654	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088699	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088699-02	HOSE KIT REINFORCED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088701	PRESSURE GAUGE	BA0113555	PRESSURE GAUGE Ø40 0-12 BAR
BA0088715	ALI-LOW FRIC CABLE GREASE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088728	SEAGATE PULSAR.2 200GB SAS 6GB/S MLC-ENABLED 2.5" 7MM	BA0120565	INTEL S4600 240GB, SATA 6Gb/s, 3D, TLC 2.5", 3DWPD + SUPERMICRO BLACK
BA0088731	PICOLO PCI FRAME GRABBER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088767	TEMPERATURE SWITCH Eex DE 0C TO +120C	BA0012685	STW II CAPILLARY TUBE THERMOSTAT 0-200°C
BA0088773	XPROTECT CORPORATE DEVICE CHANNEL INCL. 2 YEARS SUP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088784	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088791	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088797	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088807	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088813	PROP CONTROL VALVE W/INT. PROFIBUS CONTR.	BA0175553	PROP CONTROL VALVE W/INT. PROFIBUS CONTR.
BA0088814	PROP CONTROL VALVE W/INT. PROFIBUS CONTR.	BA0175566	PRESSURE REDUCED PROP CONTROL VALVE W/INT. PROFIBUS CONTR.

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA008826	ADAPTER, MALE/MALE - BSP/BSP 1/4" SS	BA0056189	CONNECTOR, REDUCER STRAIGHT
BA008848	RACK MOUNTING KIT FOR CISCO 890 SERIES ROUTERS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA008854	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA008855	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA008858	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA008859	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA008870	8DO ET 200S DC24/0,5A	BA0097041	8DO ET 200S DC24/0 5A
BA0088905	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088960	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088970	HOSE PACKAGE MOUSEHOLE 60ft.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088989	GRUNDIG 2 MEGAPIXEL HD-SDI CAMERA W/WDR BACKLIGHT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0088998	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089011	YOKE TRACK ROLLER	BA0061280	ROLLER
BA0089018	ROLLER BRACKET	BA0115555	ROLLER BRACKET FOR HOOK STOP PARTS
BA0089026	O-RING	BA0151358	O-RING
BA0089047	TRACKBALL DS48870 WITH 2M USB H-FREE CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089048	HOSE PACKAGE, HPU CT101	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089049	HOSE PACKAGE, HPU CT101	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089050	HOSE PACKAGE, HPU CT101	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089051	HOSE PACKAGE, RINGLINE HPU CT331	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089053	ØLFLEX CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089075	FILTER ELEMENT	BA0120118	FILTER ELEMENT BRANDED STAT-FREE
BA00890801	HYDRAULIC CYLINDER FOR TENSIONER - SNORRE A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089095	NEW RADIOMODULES AND E-PROMS FOR BASEUNITS IN IRX <(>&<)> TERMINAL ID:	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089098	DRAG CHAIN	BA0079634	DRAG CHAIN WITH END BRACKETS 43 LINKS
BA0089107	FILTER CLOGGING INDICATOR	BA0025763	FILTER CLOGGING INDICATOR
BA0089123	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089130	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089131	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089132	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089151	FILTER ELEMENT BRANDED	BA0086414	FILTER ELEMENT STAT-FREE
BA0089155	LENOVO THINKPLUS ONSITE REPAIR WITH HARD DISK DRIVE OR SOLID STATE DRIVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089171	SEAL KIT FOR CYLINDER 170/90	BA0088242	SEAL KIT FOR HYDRAULIC CYLINDER
BA0089194	SEAL KIT AK/DSC/FKC 3147249 CYLINDER ONLY	BA0077787	SEAL KIT FOR PLUNGER CYLINDER 1000 KIPS 480/440/7000
BA0089202	COUPLING SLEEVE	BA0067573	SHAFT COUPLING SLEEVE, EX, BLACK
BA0089212	SFTP PATCH CABLE CAT 6 BLUE 2M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089217	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089218	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089219	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089250	SP745-151 SHEAR PIN W/LOADCELL Ø160 0-500 TONS ME03294A	BA0119530	SHEAR PIN W/LOADCELL Ø160 0-500 TONS
BA0089267	MANIFOLD BLOCK / PROP. VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089275	2 PAIR PROFIBUS CABLE, SHIELDED	BA0086353	PROFIBUS CABLE 2P 0,34MM2 + 2X1MM2
BA0089285	BALL VALVE	BA0069962	BALL VALVE FEMALE/FEMALE WITH RED ALU HANDLE
BA0089310	RADIO REMOTE TERMINAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089329	CABLE DUCT W/COVER, AFNOR 2525 BLUE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089341	HEATER WITH SELF REGULATING PARALELL HEATING CABLE EEXE	BA0085446	HEATER WITH INTEGRATED THERMOSTAT IN WIRE
BA0089345	EAGLE LIGHT 170494-BB011 MAIN ASSEMBLY	BA5237568	170494-BB011 MAIN ASSEMBLY
BA0089350	MPT100-3-SA-G2 FILTER HOUSING	BA0094587	FILTER HOUSING
BA0089352	VALVE MANIFOLD	BA0089201	MB MANIFOLD BLOCK ASSEMBLY FOR AIR DRIVEN HPU TYPE MH-01-L/R
BA0089355	RADIO REMOTE TERMINAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089356	REPLACEMENT KIT FOR BASE UNIT ID11326	BA0091150	REPLACEMENT KIT FOR BASE UNIT

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0089357	BRAKE ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089363	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089364	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089367	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089379	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089390	NIPPLE 6" PIPE GRV X WELDED CS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089391	LOBESTAR 6" MIXING EDUCTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089401	HYDRAULIC CYLINDER DRWG 8103972 (BIO OIL)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089402	BREVINI GEAR WITH BRAKE AND MOTOR (BIO-OIL)	BA0075434	GEAR + KIT + MOTOR ASSEMBLED
BA0089437	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089442	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089462	BRAKE CYLINDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089466	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089475	PNEUMATIC 5/2 VALVE	BA0095001	5/2 MONOSTABLE MAN. BIST. Ø6 SOLENOID VALVE
BA0089487	RACK GREASE CARTRIDGES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089490	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089515	SEAGATE SAS SAVVIO 900GB	BA0117353	SEAGATE 2.5" 900GB SAS 12Gb/s 10K, CATCHE 128M + 2U TRAY
BA0089543	SPUR GEAR UNIT	BA0092092	SPUR GEAR UNIT
BA0089559	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089585	MILESTONE XPROTECT CORPORATE BASE SERVER INCL. 2 YEARS SUP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089610	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089624	WAGO ETHERNET FIELDBUS COUPLER 750-352	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089627	RADIO REMOTE TERMINAL ID 10805 PROJECT 100621BC071	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089631	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089638	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089639	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089642	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089654	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089659	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089662	THREADSAVER MANIFOLD (VPR)	BA0172880	THREADSAVER MANIFOLD
BA0089681	CCTV IP BOX CAMERA WITH ZOOM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089692	BUTTERFLY VALVE FOR SEAWATER/FRESHWATER	BA0172447	BUTTERFLY VALVE DN50 LUGGED, ANSI 150 lb,w/ EL.act.
BA0089694	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089694-02	HOSE KIT REINFORCED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089698	VFD POWER CABLE UNARMORED	BA0086583	VFD POWER CABLE UNARMORED
BA0089723	APEX GAS SENSOR 0-100%LEL	BA0105891	APEX GAS SENSOR 0-100%LEL
BA0089749	CIRCULATION PUMP w/EL. MOTOR	BA0119384	CIRCULATION PUMP w/EL. MOTOR
BA0089765	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089767	RADIO REMOTE CONTROL,COMPLETE, X-MAS TREE CRANE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089771	RADIO REMOTE CONTROL,COMPLETE, BOP CRANE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089799	ARECA BATTERY MODULE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089800	ARECA 1882 RAID CONTROLLER, 16 PORTS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089814	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089826	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089827	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089828	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089853	RARITAN DOMINION 16-PORTS IP KVM SWITCH	BA0116677	RARITAN DOMINION 16-PORTS IP KVM SWITCH
BA0089855	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0089874	FILTER ELEMENT	BA0092106	FILTER ELEMENT
BA0089963	SEAL KIT FOR HYDRAULIC CYLINDER	BA0088384	SEAL KIT FOR HYDRAULIC CYLINDER
BA0089974	SIPLUS ET200S EM 2AI STANDARD U -25	BA0089976	SIPLUS ET200S EM 2AI STANDARD U -25

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0089980	CISCO CATALYST 2960S - ATEA SERVICE PACK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090044	HOSE PACKAGE, HPU CT101	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090045	HOSE PACKAGE, HPU CT101	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090046	HOSE PACKAGE, HPU CT101	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090047	HOSE PACKAGE, HPU CT101	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090051	SWITCH	BA0066694	4w 230V AC RELAY 4co
BA0090065	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090066	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090067	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090083	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090089	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090119	FILTER ELEMENT BRANDED	BA0086417	FILTER ELEMENT STAT-FREE
BA0090127	FILTER ELEMENT.	BA0086414	FILTER ELEMENT STAT-FREE
BA0090129	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090136	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090157	SPARE RADIO PANEL FOR MAN RIDER WINCH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090165	STUFFING BOX KEY	BA0057895	STUFFING BOX KEY LARGE
BA0090176	CRUCIAL M4 SSD 2,5" 256GB WITH BLACK TRAY FOR 3U SUPERMICRO	BA0120181	SAMSUNG 860 PRO 256GB 2.5" SSD WITH BLACK TRAY FOR 3U SUPERMICRO
BA0090200	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090203	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090204	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090234	CATALYST 2960C SWITCH 8 GE 2 x DUAL UPLINK LAN BASE	BA0116054	CATALYST 2960C SWITCH 8 GE 2 x DUAL UPLINK LAN BASE
BA0090236	MANIFOLD BLOCK PREHEATING MODULE	BA0174656	MANIFOLD BLOCK PREHEATING MODULE
BA0090237	RADIO CONTROL FOR RFM 170125	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090259	SIGN PLATE LOGO 8, WHITE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090260	SIGN PLATE LOGO 8, BLACK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090265	SPLITTED EMERGENCY SEAL	BA0073112	SPLITTED EMERGENCY SEAL FOR DSC CYLINDER
BA0090271	RADIO CONTROL PANEL ADJUSTABLE CASING FINGERBOARD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090281	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090287	CHECK POINT FIREWALL 4205	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090311	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090312	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090314	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090315	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090317	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090320	STUD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA00903601	WIRE W/OPEN SPELTER SOCKET OTHER POINTED	BA0090360	WIRE W/OPEN SPELTER SOCKET OTHER POINTED
BA0090404	RADIO REMOTE TERMINAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090416	SIMATIC IPC647C RACK PC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090434	MOUSE HOLE 60' 170494-BX201 GENERAL ARRANGEMENT	BA5237569	170494-BX201 GENERAL ARRANGEMENT
BA0090435	PROGRAM EPROM MODULE	BA0066708	EPROM MODULE WITH PROGRAM INSTALLED
BA0090444	RADIO REMOTE TERMINAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090445	2" COMPENSATOR 3000 PSI	BA0048054	COMPENSATOR 3000 PSI
BA0090450	2 1/2" COMPENSATOR 3000 PSI	BA0110174	ELAFLEX COMPENSATOR
BA0090453	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090455	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090462	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090470	SOCKET CAP SCREW	BA0071880	SOCKET CAP SCREW
BA0090472	GRIPPER FUNCTION MANIFOLD	BA0104666	GRIPPER FUNCTION MANIFOLD, RAL 3002 CARMINE RED
BA0090473	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090490	MANIFOLD BLOCK / PROP. VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0090491-01	HYDRAULIC CYLINDER DRW 8103941 PAINTED RED	BA0090491	HYDRAULIC CYLINDER DRW 8103941
BA0090496	LOBESTAR 6" SHEAR/MIXER SINGLE SUCTION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090505	PRO FACE OPERATOR PANEL 3,8" EX	BA0095572	OPERATOR PANEL 3,5" TFT 24VDC
BA0090544	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090671	PRESS.TRANSMITTER W/5 MTR.CABLE 4-20mA=0-90BAR	BA0115858	PRESS. TRANSMITTER W/5 MTR. CABLE
BA0090704	SOCKET	BA0093166	TEST PORT
BA0090715	HEX HEAD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090736	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090766	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090803	BURST DISC	BA0090832	BURSTING PLATE
BA0090813	PICOLO PCIE FRAME GRABBER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090815	INTEL PRO/1000MT PCIE DUALPORT SERVER	BA0090815	INTEL PRO/1000MT PCIE DUALPORT SERVER
BA0090816	PROPOTIONAL VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090817	HP PULSATION DAMPENERS	BA0171105	HS PULSATION DAMPENERS W20-7500 (ALL IN)
BA0090818	EEXD MAGNETIC LEVEL SWITCH WITH 7 METRES CABLE	BA0171399	EEXD MAGNETIC LEVEL SWITCH WITH 7 METRES CABLE
BA0090823	OIL LEVEL INDICATOR W/TRANSM/SWITCH EXDE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090824	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090829	BLADDER ACCUMULATOR	BA0092010	BLADDER ACCUMULATOR COMPLETE (BIO OIL)
BA0090851	DELL ULTRASHARP U2312HM LED MONITOR	BA0116433	DELL 23" LED MONITOR 1920 x 1080 AT 60Hz BLACK
BA0090864	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090865	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090866	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090893	SUPPORT ASSY CROSS.250X750X40.500 GP03	BA0080972	STRIP ASSY,CROSS.250X.750X40.500
BA0090914	HYDRAULIC BOLT TENSIONER TOOL (SPECIAL)FOR PDPH	BA0075768	HYDRAULIC BOLT TENSIONER TOOL (SPECIAL)
BA0090925	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090949	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090969	VENTED LOAD REACTIVE LOAD CONTROL VALVE CARTRIDGE FOR CAVITY T-23A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0090971	SEAL KIT FOR HYDRAULIC CYLINDER	BA0086524	SEAL KIT FOR HYDRAULIC CYLINDER
BA0090972	TOOTH RACK	BA5441331	TOOTH RACK BRIDGE CRANE
BA0090985	VFD POWER CABLE UNARMORED	BA0086584	VFD POWER CABLE UNARMORED
BA0090989	SUSPENSION BRACKET FOR CAMERA W/DOME	BA0121842	SUSPENSION BRACKET FOR CAMERA W/DOME 155
BA0091017	SIMPLICITY HMI HOST REDUNDANCY 8.2 LICENSE	BA0096813	CIMPLICITY SERVER + REDUNDANCY 8.2 LICENSE
BA0091030	CABLE GLAND E204 BRASS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091031	CABLE GLAND E204 BRASS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091034	DIGITAL B-CARD 4 STATIONS + UPGRADE TO C LICENCE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091078	HEAT EXCHANGER	BA0116676	OIL COOLER UHOK-2,5-15-2
BA0091097	CABELAR WHEEL GLIDER DRIVE UNIT	BA0051222	CABELAR WHEEL, COMPLETE MACHINED
BA0091114	PRESSURE FILTER ASSEMBLY.	BA0120099	PRESSURE FILTER ASSEMBLY, BRANDED
BA0091131	SOLENOID FOR BREVINI HPV41 0-20MA CLOSED LOOP	BA0173334	OMPEAC011730 PROP.ACTUATION CLOSED LOOP
BA0091153	SEAL KIT FOR PUMP CONTROLLER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091184	MONITOR CABLE HALOGENFREE VGA-VGA 20M HE-HE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091188	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091189	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091190	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091192	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091194	EMC OUTLET FILTER	BA0036833	OUTLET FILTER EMC
BA0091207	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091214	EX LOUDSPEAKER FOR 8 OHM AND 8W	BA0130251	EX LOUDSPEAKER FOR 8 OHM AND 15W
BA0091250	REGULATOR	BA0069959	REGULATOR 1/4", 0,3 TO 10 BAR
BA0091270	BONDURA PIN	BA0102443	BONDURA PIN
BA0091288	MOUSE HOLE 60' 170494-BX201 MAIN ASSEMBLY	BA5237570	170494-BX201 MAIN ASSEMBLY

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0091290	24" FHD IP65 SUNLIGHT READABLE MARINE DISPLAY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091292	AIR CONDITION SYSTEM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091296	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091300	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091305	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091306	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091308	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091314	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091327	RISER FEEDING MACHINE 170494-BB153 MAIN ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091340	BUTTERFLY VALVE 6" VIC 300 SERIES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091354	TANK CLEANING MACHINE.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091356	4/2 WAY VALVE MANUALLY OPERATED, NG6 TO ISO 3301	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091388	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091457	MANIFOLD BLOCK	BA0088525	DISTRIBUTION MANIFOLD
BA0091516	HIGH PRESSURE HOSE	BA0091512	HIGH PRESSURE HOSE
BA0091521	HYDR. DISC CLUTCH	BA0170717	HYDR. DISC CLUTCH 1ST GEAR
BA0091561	HEX HEAD SCREW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091572	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091629	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091629-02	HOSE KIT REINFORCED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091636	KIT FOR ACF 125N4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091690	SUPERMICRO 2U RDPC MODEL	BA0106173	1U SUPERMICRO, RDPC, SUPERSERVER 5017R-MTRF
BA0091712	WHITEBOARD START KITS PILOT	BA0088263	WHITEBOARD STARTKIT
BA0091739	PLATE HEAT EXCHANGER TITAN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091765	TROLLEY CHAIN DRIVE BRACKET STEEL ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091775	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091776	BETAFLAM 145 C-FLEX CABLE	BA0099405	BETAFLAM 145 C-FLEX CABLE
BA0091777	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091796	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091798	GUIDE ARM MANIFOLD (VPR)	BA0172849	GUIDE ARM MANIFOLD
BA0091800	GRIP ARM MANIFOLD (VPR)	BA0172881	GRIP ARM MANIFOLD
BA0091803	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091812	TOOTH RACK	BA5441366	TOOTH RACK FOR BRIDGE CRANE
BA0091821	CABLE HALOGEN FREE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091822	C LICENSE UPGRADE FOR G8-GED-4 DIGITAL CARD	BA0093562	LICENSE UPGRADE FOR G8-GED-4B - (4B TO 4C)
BA0091872	FILLING PUMP w/EL. MOTOR	BA0119386	FILLING PUMP w/EL. MOTOR
BA0091895	BATTERY FOR MC-3200 EX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0091956	POWER SUPPLY 24VDC/25A ATEX ZONE 2	BA0054682	SIEMENS SITOP STANDARD 24VDC/40A
BA0091971	FLANGE	BA0172483	FLANGE
BA0092003	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092030	HPU AND DRILL STRING COMPENSATION CABINET	BA0096441	RISER TENSIONING CABINET
BA0092032	MAIN FRAME ROUGHNECK FRAME WITH END TRUCKS HALF FABRICATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092037	MAIN FRAME AND STEEL PARTS HALF FABRICATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092051	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092051-02	HOSE KIT BA0092051-MV02-DRAG CHAIN REINFORCED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092052	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092053	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092054	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092115	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092115-02	HOSE KIT BA0092115-MV03-DRAG CHAIN REINFORCED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092116	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0092117	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092250	TO BE UPDATED ACCORDING TO REQUEST	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092286	PRESSURE RELIEF VALVE	BA0054464	PRESSURE RELIEF VALVE
BA0092512	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092528	LED-SCREEN 24"	BA0098937	LED BACKLIT MONITOR
BA0092529	HYDRAULIC HOSE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092536	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092551	PA01-01 S-SKID WITH 280 FRAME BOLT HOLE PATTERN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092551-01	PA01-01 L-SKID WITH 280 FRAME BOLT HOLE PATTERN RAL6019 PASTEL GREEN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092562	VITAULIC CLAMPS WITH NITRILE GASKET	BA0080060	6" - DN150 VICTAULIC STAINLESS STEEL RIGID COUPLING STYLE 489 GRADE T
BA0092630	TOP END MEASURE SYSTEM	BA5287635	TOP END MEASURING SYSTEM
BA0092641	HYDRAULIC HOSE	BA0043592	HYDRAULIC HOSE COMPLETE
BA0092644	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092649	CCTV DOME EX IP-HD,SC385 AMPHENOL BRACKET WASH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092676	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092701	SEAL KIT FOR HYDRAULIC CYLINDER	BA0093894	SEAL KIT FOR CYLINDER
BA0092713	PRESSURE SWITCH, HIGH/LOW	BA0078247	PRESSURE SWITCH, HIGH/LOW
BA0092714	USB TO SERIAL RS 232 HUB	BA0060420	NEW:Aten Konverter USB-2xRS232
BA0092725	COMFORT LIGHT WITH DOOR SWITCH 14W 100-240V 50/60HZ	BA0096949	COMFORT LIGHT WITH DOOR SWITCH AND SOCKET 14W 100-240V 50/60HZ
BA0092727	CABINET LIGHT W/SOCKET/MOTION DET.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092762	WET END KIT FOR KCL NON METALIC PUMP	BA0097801	WET END REPAIR KIT FOR DIAPHRAGM PUMP S05 NON-METALLIC
BA0092829	SOCKET CAP SCREW	BA0092825	SOCKET CAP SCREW
BA0092849	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092862	PROPORTIONAL VALVE BLOCK 2 SPOOL CARMINE RED	BA0113889	PROPORTIONAL VALVE BLOCK 2 SECTIONS
BA0092881	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092905	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092906	2xPS/2 TO USB ADAPTER DELTACO	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092926	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092935	GUNCLEAN TOFTEJORG T-82: 2XØ10MM FLANGE ANSI B16.5 (150)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092936	HOSE SADDLE FOR 1½" TANK WASHING MACHINE HOSE BRONZE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092954	BALL VALVE R98116030	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092980	PRESS.TRANSMITTER W/5 MTR.CABLE 10 BAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092981	PRESS.TRANSMITTER W/7 MTR.CABLE 20 BAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092982	PRESS.TRANSMITTER W/7 MTR.CABLE 30 BAR	BA0115854	PRESS. TRANSMITTER W/7 MTR. CABLE
BA0092983	PRESS.TRANSMITTER W/5 MTR.CABLE 90 BAR	BA0115858	PRESS. TRANSMITTER W/5 MTR. CABLE
BA0092984	PRESS.TRANSMITTER W/5 MTR.CABLE 250 BAR	BA0115857	PRESS. TRANSMITTER W/5 MTR. CABLE
BA0092985	PRESS.TRANSMITTER W/15 MTR.CABLE 250 BAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092986	PRESSURE TRANSMITTER W/7 MTR.CABLE 275 BAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092987	PRESS.TRANSMITTER W/5 MTR.CABLE 280 BAR	BA0115860	PRESS. TRANSMITTER W/5 MTR. CABLE
BA0092988	PRESSURE TRANSMITTER W/5 MTR.CABLE 350 BAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092989	PRESS.TRANSMITTER W/15 MTR.CABLE 350 BAR	BA0115864	PRESS. TRANSMITTER W/15 MTR. CABLE
BA0092990	PRESS.TRANSMITTER W/20 MTR.CABLE 350 BAR	BA0115867	PRESS. TRANSMITTER W/20 MTR. CABLE
BA0092991	PRESSURE TRANSMITTER W/5 MTR.CABLE 420 BAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0092992	PRESS.TRANSMITTER W/5 MTR.CABLE 700 BAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093031	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093074	CIRCUIT BREAKER 2P/C10A EExd	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093084	GAINWARD GEFORCE GTX 680 2GB PHYSX CUDA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093087	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093105	POWER SUPPLY 12VDC/6A ATEX ZONE 2	BA0110578	SITOP PSU100S 12 V/7 A STABILIZED POWER SUPPLY INPUT: 120/230 V AC
BA0093108	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093121	HYDRAULIC BOLT TENSIONER TOOL	BA0116196	HYDRAULIC BOLT TENSIONING TOOL

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0093149	POWER SUPPLY 24VDC/7,5A ATEX ZONE 2	BA0110579	SITOP PSU100S 24 V/10 A STABILIZED POWER SUPPLY INPUT: 120/230 V AC
BA0093167	LOADCELL 40mT SK01682A	BA0174936	LOADCELL 40mT
BA0093175	HP LASER COLOR PRINTER (A4)	BA0106832	HP LASER COLOR PRINTER (A4)
BA0093196	CMC 1000 KIPS PISTON ACCUMULATOR Ø 700/6850,2636 LITRES	BA0091949	CMC 1000 KIT FOR PISTON ACCUMULATOR Ø 700/6850,2636 LITRES
BA0093216	BOURDON GAUGE R22 R134A R404A R407C	BA0092568	PRESSURE INDICATOR LOW
BA0093233	BOURDON GAUGE Ø80 R22 R134A R404A R407C -1 TO +30bar	BA0092571	PRESSURE INDICATOR HIGH
BA0093254	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093261	CISCO CATALYST 3750X - ATEA SERVICE PACK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093301	IP-INTERCOM SERVER IS 300 INCL. UPGRADE IS300 8C	BA0088974	COMPACT IP-INTERCOM SERVER IS300, INCLUDES 2B LICENSES
BA0093310	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093312	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093317	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093342	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093351	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093361	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093362	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093365	TORQUE WRENCH 127000 FT.IBS LOWER BODY ASSY.	BA0099510	TORQUE WRENCH LOWER BODY ASSEMBLY
BA0093371	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093372	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093375	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093402	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093423	SEAL KIT FOR HYDRAULIC CYLINDER	BA0095079	SEAL KIT FOR HYDRAULIC CYLINDER
BA0093424	HIGH PRESSURE VESSEL, 2250L, Ø610 VERTICAL 225 BAR WP 248 BAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093426	GIGAE SEC ROUTER WITH MOUNTING KIT	BA0114818	GIGAE SEC ROUTER WITH MOUNTING KIT
BA0093437	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093438	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093443	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093452	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093454	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093471	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093472	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093473	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093516	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093517	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093518	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093520	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093532	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093536	COMPLETE WASH UNIT FOR DOME CAMERA	BA0110937	MH WIRTH CCTV W<(>&<)>D - COMPLETE DOME WASH <(>&<)> DRY SYSTEM V1 inkl.
BA0093548	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093565	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093577	HOSE PACKAGE MOUSEHOLE 45ft.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093579	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093595	SEAL KIT FOR RE1023-16 R=44.63 M=14 Z=11	BA0076230	SEAL KIT FOR GEARBOX
BA0093630	NEW RADIO FOR BASE UNIT ID12200	BA0088245	RADIO FOR BASE UNIT
BA0093633	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093647	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093718	HYDRAULIC MOTOR	BA0098030	HYDRAULIC MOTOR
BA0093829	EX IA GUIDED WIRE PROSESS G3/4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093846	3 PIN CONNECTOR WITH BAYONET COUPLING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093870	WEATHER PROTECTION KIT FOR TNCN575715 CABINET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093906	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0093907	HOSE KIT FOR PS750 <(>&<)> PS1000	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093910	GLIDING PLATE THORDON XL 30x200x300	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093923	SIEMENS SIMATIC IPC 427D W/1X PCIE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0093974	SEAL KIT FOR HYDRAULIC CYLINDER	BA0082178	SEAL KIT FOR HYDRAULIC CYLINDER
BA0094057	HP PULSATION DAMPENER W20-7500 DNV	BA0171105	HS PULSATION DAMPENES W20-7500 (ALL IN)
BA0094085	PROP CONTROL VALVE W/INT. PROFIBUS CONTR.	BA0175552	PROP CONTROL VALVE W/INT. PROFIBUS CONTR.
BA0094134	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0094140	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0094156	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0094162	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0094163	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0094200	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0094236	CCTV FIBER CABLE COMPLETE, FOR BRIDGE CRANE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0094242	4/2 WAY VALVE MANUALLY OPERATED NG6 TO ISO 3301	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0094291	HIGH PRESSURE FILTER	BA0172838	HIGH PRESSURE FILTER
BA0094321	RADIO MODULE FOR ID10999	BA0088245	RADIO FOR BASE UNIT
BA0094330	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0094331	SEAL KIT FOR BRAKE	BA0078992	SEAL KIT FOR BRAKE
BA0094355	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0094398	VALVE SEAT, API 8, NEW DESIGN	BA0086605	VALVE SEAT API 8 INCL.2 EA O-RINGS 21006661
BA0094412	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0094416	CCTV FIXED CAMERA WITH BRACKET	BA0104759	CCTV EX FIXED HD-SDI CAMERA, 30M HYBRID FO/CU CABLE PREMOUNTED ON
BA0094422	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0094447	DELL WORKSTATION PC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0094454	GUIDED WIRE PROSESS G3/4" VEGAFLEX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0094464	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0094511	SEAL KIT	BA0099407	SEAL KIT FOR CYLINDER
BA0094532	MOTOR 13,2KW 690V 14A	BA0112690	MOTOR
BA0094544	APPASSURE "DARK SIDE" BACKUP AND REPLICATION FOR WINDOWS DESKTOP	BA0092645	APPASSURE "DARK SIDE" DESKTOP INC. 1 YEAR BACKUP AND REPLICATION FOR
BA0094561	HYDRAULIC EMERGENCY STOP BRACKET ASSEMBLY, RAL 1023	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0094610	PART OF EL.LOOP FOR SBA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0094647	PA01-01 S-SKID WITH 200 FRAME BOLT HOLE PATTERN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0094647-01	PA01-01 S-SKID WITH 200 FRAME BOLT HOLE PATTERN RAL6019 PASTEL GREEN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0094676	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0094705	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0094712	MOTOR 480V 4KW 4POLE IE2	BA0117372	MOTOR 480V 4KW 4POLE IE2
BA0094714	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0094721	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0094722	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0094723	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0094724	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0094760	PROP.VALVE-EL./MECH. CONTROL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0094789	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0094839	HYDRAULIC HOSE COMPLETE	BA0043592	HYDRAULIC HOSE COMPLETE
BA0094888	NUT M12	BA0039330	HEX NUT
BA0094903	GUNCLEAN TOFTEJORG I40D 2X8MM NOZZLE SS AISI 316 SEALED OFF INLET.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0094967	VEGABAR 54, -1 TO 25BAR 1" BSP THREAD HART	BA0092573	PRESSURE TRANSMITTER -1+25BAR 4-20MA HART IP68 1" BSP
BA0094993	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095021	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095030	DIRECTIONAL VALVE ON/OFF	BA0171099	Solenoid operated spool valve
BA0095040	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0095048	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095049	WORKING HOUR COUNTER FOR WP 5000 COMPRESSOR	BA0066696	24V/60HZ WORKING HOUR COUNTER
BA0095051	PROP. VALVE-BC01-BRIDGE CRANE	BA0120011	PROP. VALVE - BC01 - BRIDGE CRANE
BA0095071	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095072	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095086	SPACER	BA0120805	SEPERATOR FOR DRAGCHAIN BS400X
BA0095088	PLUG R 1/2	BA0121443	"HYDRAULIC PLUG 1/2"" BSP - 9004-1010-080
BA0095091	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095092	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095095	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095101	MATRIX COMPUTER, MXE-5000 SERIES (MXE-5104) WITH 64 GB SSD	BA0118885	ADVANTECH MIC7500
BA0095104	EX HEAVY CURRENT EARTH CLAMP	BA0119223	TERMINAL BLOCK, HIGH-CURRENT
BA0095118	STANDARD SPARE DRILLVIEW OFFICE CLIENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095126	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095137	PRESSURE TRANSMITTER W/10 MTR.CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095160	RADIO REMOTE TERMINAL 5 T UTILITY WINCH FWD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095161	RADIO TERMINAL <(>&<)> BASE COMPL. KIT 5 T UTILITY WINCH FWD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095166	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095167	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095170	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095182	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095183	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095204	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095211	SEAL KIT FOR VALVE 310682 WITH COVER O-RING	BA0096185	SEAL KIT FOR CED180
BA0095227	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095232	REPLACEMENT KIT BASE UNIT FOR ID11025	BA0091150	REPLACEMENT KIT FOR BASE UNIT
BA0095233	REPLACEMENT KIT BASE UNIT FOR ID10999	BA0091150	REPLACEMENT KIT FOR BASE UNIT
BA0095260	OIL LEVEL INDICATOR W/TRANSMITTER AND 3 SWITCHES	BA0095388	OIL LEVEL INDICATOR W/TRANSMITTER AND 3 SWITCHES
BA0095264	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095306	BOM EXPLODER FOR PIPING YD48	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095311	LOAD CELL RTN0.05/10T ATEX ZONE 1 W/STANDARD CABLE LENGTH 5M (FOR SURGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095356	WIPER BLADE 800MM HEAVY DUTY	BA0052246	WIPER BLADE 800MM HEAVY DUTY, Bosch 3 397 011 425
BA0095382	EX IA VIBRATION LEVEL SWITCH 40MM PROESS 1" BSP SS316	BA0110317	LEVEL SWITCH: PLASTIC HOUSING, A-EX, G1 THREADS
BA0095417	PRESSURE TRANSMITTER FITTING 1/2NPT INNER 1/4NPT PN160/316L	BA0118181	VEGABAR 82.PRESSURE TRANSMITTER.GRAY PLASTIC HOUSING.0-10BAR.SAFE. 1/2
BA0095433	CABLE	BA0098394	CABLE
BA0095449	HOSE KIT FOR PS30	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095464	LOW PRESSURE SWITCH	BA0078248	LOW PRESSURE SWITCH
BA0095483	CONTACTOR 38A 3POLE 24VDC LOW CONSUMPTION COIL	BA0094886	CONTACTOR 38A 3P NO AUX CONTACTS: 1NO+1NC 24VDC LOW CONSUMPTION COIL
BA0095520	VEGABAR 52 PRESSURE INDICATOR TRANSMITTER THREAD G1½A	BA0113458	VEGABAR 82 PRESSURE TRANSMITTER
BA0095521	VIBRATING LEVEL SWITCH THREAD G1 TWO-WIRE	BA0113459	VEGASWING 63 LEVEL
BA0095527	120X 120 X 25MM 1200 RPM 38.4 CFM 17.5 DBA 3-PIN	BA0115257	FRACTAL DESIGN DYNAMIC GP-12 120mm FAN
BA0095544	GUNCLEAN TOFTEJORG I40S Ø10MM NOZZLE SS AISI 316 SEALED OFF INLET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095545	LPP D-25 DN25mm EPDM HOSE INCL O-RINGS	BA0086267	PUMP HOSES IN EPDM, D-25 LPP 7,5
BA0095601	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095613	CONTROL BUTTON EEXDE IIC	BA0027680	START PUSH BUTTON, EEXDE IIC
BA0095642	MOTOR FOR HYDRAULIC UNIT LIFTING TABLE 3 PHASE	BA0119457	3-PHASE SQUIRREL CAGE MOTOR
BA0095692	STRAIGHT LINE WIPERS 3650MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095699	SHORT WEAR BARS 20x20x620mm PE1000 FOR TR150 SACK CUTTER	BA0096544	WEAR STRIPS/BARS FOR WASTE BAG SCREW COMPACTOR/CONVEYOR INCL. MOUNTING
BA0095714	TOOTH RACK BRIDGE CRANE	BA5441327	TOOTH RACK BRIDGE CRANE
BA0095730	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095747	IMAGE BACK-UP 16 GB USB STICK W/AKER SOLUTIONS LOGO	BA0104900	CORSAIR FLASH VOYAGER GT 32GB USB 3.0

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0095751	PART OF EL.LOOP FOR SBA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095785	COVERSEAL FOR DRYER	BA0112807	BONDED SEALING RING, FOR DRYER - HP COMPRESSORS
BA0095825	LP SHEAR UNIT 12", 6" FLANGE IN/OUTLET, CS, VVI COATING SYSTEM 1,	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095825-01	LP SHEAR UNIT 12" 6" FLANGE IN/OUTLET CS VVI COATING SYSTEM 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095870	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095871	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0095873	LINER 4 1/2" INCL. GASKET	BA0098401	4 1/2" INCL. GASKET
BA0095883	FIRE DAMPER OPEN OR CLOSED SIGNAL	BA0090209	INDUCTIVE PROXIMITY SENSOR NAMUR NC
BA0095930	SIPLUS NET SCALANCE X104-2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096005	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096006	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096013	TIE BAR FOR MC-3000 EX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096015	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096020	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096021	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096022	DIFFERENTIAL PRESSURE SWITCH 20-200 Pa	BA0096822	PRESSURE DIFFERENTIAL SWITCH 20-300PA
BA0096064	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096065	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096067	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096068	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096095	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096115	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096128	BREVETTI DRAGCHAIN SS INCL END BRACKETS	BA0088849	BREVETTI DRAGCHAIN SS INCL END BRACKETS
BA0096152	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096153	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096167	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096203	MICROSOFT WINDOWS 7 PROFESSIONAL - ENG 32/64 BIT FULL PACK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096204	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096217	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096220	SPACER	BA0049055	SPACER FOR BOGIE WHEEL LGA
BA0096260	RADIO FOR BASE UNIT	BA0088245	RADIO FOR BASE UNIT
BA0096317	SIL2 - SWITCHING POWER SUPPLY 24VDC 10A 250W	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096321	STEP AGITATOR IMPELLER HUB Ø175 – 110	BA0081679	IMPELLER HUB
BA0096339	PRIMER PAINT, 20 LTR	BA0086617	SET OF BASE AND HARDENER CANS, 16 LTR + 4 LTR
BA0096344	PVC-HOSE TRANSPARENT	BA0086627	PVC HOSE TRANSPARENT
BA0096348	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096369	UMBILICAL LOOP CABLE FOR COMPACT LOOP	BA0092620	UMBILICAL LOOP CABLE FOR COMPACT INSTRUMENT LOOP
BA0096411	LOAD CELL RTN0.05/68T SAFE WITH STANDARD CABLE LENGTH 12M (FOR BULK	BA0066788	RING TORSIONAL LOAD CELL, 68T
BA0096412	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096425	CELULA DE CARGA COM CABO 5METROS	BA0063805	LOAD CELL
BA0096475	SIGHT GLASS FOR GUNCLEAN TOFTEJORG I40 D GEAR UNIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096566	PRO SUPPORT 1 YEAR PR LICENS FOR APPASSURE BACKUP AND REPLICATION FOR	BA0092645	APPASSURE "DARK SIDE" DESKTOP INC. 1 YEAR BACKUP AND REPLICATION FOR
BA0096567	PRO SUPPORT 1 YEAR PR LICENS FOR APPASSURE BACKUP AND REPLICATION FOR	BA0099890	APPASSURE "DARKSIDE" SERVER INC. 1 YEAR SUPPORT BACKUP AND REPLICATION
BA0096627	SAFETY RELIEF VALVE	BA0104893	SAFTY RELIEF VALVE 3"(ABS-CDS 2012)
BA0096650	ELECTRICAL EMERGENCY STOP BRACKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096658	INTERFACE CARD FOR PROFINET PCIE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096662	CABLE HALOGEN FREE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096668	SEAL KIT M-CEE40 (XEB 12232)	BA0171524	SEAL KIT FOR CARTRIDGE VALVE HY122320 CEE/REE40B, AHC BLOCK
BA0096707	CCTV FIXED EX HD-SDI, GRUNDIG, GLAND	BA0104759	CCTV EX FIXED HD-SDI CAMERA, 30M HYBRID FO/CU CABLE PREMOUNTED ON
BA0096708	CCTV FIXED EX HD-SDI, GRUNDIG, AMPHENOL	BA0105750	CCTV EX FIXED HD-SDI CAMERA, AMPHENOL 13-4 SPEED CONNECTOR, FOMM, 130MM
BA0096721	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0096722	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096736	PA01-01 M-SKID WITH 250 FRAME BOLT HOLE PATTERN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096755	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096818	VEGASWING 61, VIBRATION LEVEL SWITCH, THREAD G1, PLASTIC HOUSE IP66/67.	BA0106631	LEVEL SWITCH: PLASTIC HOUSING NON-EX G1 THREADS
BA0096881	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096883	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096899	SAFTY BARRIER AND MT02 ENCLOSURE (M1.0) FOR OUTPUT to loads.	BA0112639	DIGITAL ZENER BARRIER
BA0096924	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096929	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096936	CCTV FIXED EX IP-HD SAMSUNG GLAND COPPER BRACKET BALUN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096941	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096943	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096953	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096979	1½" TANK WASHING MACHINE HOSE-10 M 1½" BSP/SS X 1½" BSP/SS-EPDM-WORKING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096980	DECK COVER PLATE FOR TANK WASHING MACHINE HOSE SADDLE BRONZE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0096999	SHUNT COMMISSIONING VALVE	BA0098982	COMMISSIONING VALVE / BALANCING VALVE
BA0097003	POWER SUPPLY	BA0097031	POWER SUPPLY
BA0097005	SWITCH AMPLIFIER	BA0115066	SWITCH AMPLIFIER
BA0097007	MOXA EDS 405A MM SC ETHERNET / LWL SWITCH	BA0097033	MOXA EDS 405A MM SC ETHERNET / LWL SWITCH
BA0097008	ET200S CPU IM151-8	BA0097035	SIMATIC DP POWER MODULE ET200S CPU IM151-8
BA0097014	8DI ET 200S DC24V	BA0097039	8DI ET 200S DC24V
BA0097023	LWL PATCH CABLE MULTIMODE L=2M (SC)	BA0097047	LWL PATCH CABLE MULTIMODE L=2M (SC)
BA0097024	SIEMENS PROFINET PATCH CABLE 2M	BA0097048	SIEMENS PROFINET PATCH CABLE 2M
BA0097042	TERMINAL MODULE ET200S	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097088	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097110	LUB. OIL UNIT	BA5070530	LUB. OIL SWIVEL ASSEMBLY
BA0097125-02	DOUBLE HYDRAULIC CYLINDER DRWG 20024543 W/ONE(1)PROFIBUS SENSOR	BA0120478	DOUBLE HYDRAULIC CYLINDER DRWG 20024543 W/ONE(1)PROFIBUS SENSOR
BA0097147	BASE UNIT PROFIBUS DP 5 T UTILITY WINCH FWD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097154	MEDIUM PRESSURE FILTER INLINE MOUNTING	BA0120549	FILTER W/ ELEMENT BRANDED STAT-FREE
BA0097191	DIGITAL 2-WIRE OFFICE COMMAND STATION BIG LCD GOOSENECK MIC 16KHZ HQ	BA0095012	DIGITAL 2-WIRE OFFICE COMMAND STATION BIG LCD, GOOSENECK MIC, 16KHZ HQ
BA0097193	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097218	PROTECTION HOSE COMPLETE W/COUPLINGS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097228	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097230	MATROX EXTENDER FOR 4 SCREENS OVER FIBRE INCL.ADAPTER CARD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097233	MATRIX COMPUTER MXE-5000 SERIES (MXE-5104) WITH 64GB SSD	BA0118885	ADVANTECH MIC7500
BA0097280	FILTER ELEMENT	BA0120014	FILTER ELEMENT BRANDED STAT-FREE
BA0097319	RADIO MODULE FOR ID11025	BA0088245	RADIO FOR BASE UNIT
BA0097325	SIMATIC W/SOFTWARE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097327	SPS1000N - TOTAL LENGHT 2000MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097342	TEMPERATURE MONITORING AND CONTROL UNIT	BA0098073	BSTW II SAFETY THERMOSTAT 25A -20 - 50°C
BA0097349	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097421	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097457	MOUSE WITH CABLE USB	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097470	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097478	ANALOG (PAL) CCTV BOX CAMERA WITH ZOOM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097490	EMERGENCY LIGHT SWITCH	BA0023222	EX ON-OFF SWITCH 2 POLE, 2NO 16A 250V, 2XM25
BA0097493	TUBULAR FEEDING MACHINE 170577-BB151 MAIN ASSEMBLY	BA5252400	TUBULAR FEEDING MACHINE 170577-BB151 MAIN ASSEMBLY
BA0097501	KIT DRAIN CONNECTION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097503	APPASSURE "DARK SIDE" BACKUP AND REPLICATION FOR WINDOWS SERVER	BA0099890	APPASSURE "DARKSIDE" SERVER INC. 1 YEAR SUPPORT BACKUP AND REPLICATION
BA0097527	REDUCER EXE BRASS	BA0096595	REDUCER EXE BRASS
BA0097555	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0097578	SEAL KIT FOR CYLINDER 2M STROKE 250 BAR	BA0096647	SEAL KIT FOR CYLINDER 1M STROKE 250 BAR
BA0097596	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097621	FLOW CONTROL VALVE / BIDEFORD DOLPHIN	BA0097626	FLOW CONTROL VALVE TDP63
BA0097653	CB01RXD0005 ROCK CATCHER 6"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097668	PA01-01 S-SKID WITH 160 FRAME BOLT HOLE PATTERN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097669	PA01-01 XL-SKID WITH 315 FRAME BOLT HOLE PATTERN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097669-01	PA01-01 XL-SKID WITH 315 FRAME BOLT HOLE PATTERN RAL6019 PASTEL GREEN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097677	TANK CLEANING PUMP - EEX DE; 43 KW (3562RPM) 3PH/60HZ/440V (IEC) IP55,	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097685	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097710	GUNCLEAN TOFTEJORG I40D 2X8MM NOZZLE SS AISI 316 SEALED OFF INLET.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097733	CCTV DOME IP66 CCTV DOME 1080P, Q6045-S, STAINLESS STEEL, JB, BRACKET,	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097735	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097736	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097786	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097788	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097790	PRESSURE INDICATING TRANSMITTER 0-25BAR 4-20MA EXIA IP66/67	BA0106582	PRESSURE TRANSMITTER: PLASTIC HOUSING EX -1-25BAR WITH DISPLAY G11/2
BA0097792	VEGAFLEX 61 GUIDED WIRE SAFE WITHOUT DISPLAY WIRE LENGTH:3 M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097869	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097871	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097873	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097877	TANK CLEANING PUMP - EEX DE; 43 KW (3562RPM) 3PH/60HZ/480V (IEC) IP55	BA0097882	TANK CLEANING PUMP - EEX DE; 43 KW (3562RPM) 3PH/60HZ/480V (IEC) IP55
BA0097892	C60 SUPPLY CONN. FEED TERMINAL 50MM2 CU,VERTICAL/HORIZONTAL FEEDING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097893	C60 SUPPLY CONN. FEED TERMINAL 50mm2 CU VERTICAL FEEDING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097944	DELL WORKSTATION PC LabView	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097952	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0097993	CASING STABILIZING ARM PIN ARM SHORT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0098004	TYPICAL NAME PLATE PL 1,5 X 40 X 20 MM TRAFFOLYTE WHITE	BA0089904	TYPICAL NAME PLATE PL 1,5 X 40 X 20 MM TRAFFOLYTE WHITE
BA0098040	HEX HEAD BOLT	BA0038123	HEX HEAD BOLT
BA0098090	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0098100	TERMINAL, 10T UTILITY WINCH (170612/0791)	BA0098101	TERMINAL 10T UTILITY WINCH (170612/0791)
BA0098130	AXLE	BA0036020	AXLE FOR FASTLINE WIRE GUIDE
BA0098163	HOSE ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0098208	CABLE	BA0120605	CABLE, DB 0027605
BA0098238	LONG WEAR BARS 20x20x1292mm PE1000 FOR TR150 SACK CUTTER	BA0100735	PA6
BA0098285	HOSE	BA0098338	HOSE
BA0098288	PRESSURE GAUGE	BA0090079	PRESSURE GAUGE MATTCO DAMPENER
BA0098343	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0098344	SEAGATE CONSTELLATION ES.3 4TB SATA 6GB/S	BA0172635	SEAGATE 3.5" 4TB SATA 6Gb/s 7.2K RPM 128MB Makara BP (512E) + HOT-SWAP
BA0098367	HOSE KIT w/Safety Wire Straps	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0098436	MEASURING WIRE INCL POTMETER <(>&<)> TRANSM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0098486	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0098515	ELECTRICAL HOSE KIT	BA0043592	HYDRAULIC HOSE COMPLETE
BA0098586	FLAT SEALING	BA0090668	FLAT SEALING
BA0098606	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0098647	THERMOSTAT BI-METAL SENSOR 5-55C	BA0023287	THERMOSTAT FOR FAN
BA0098651	USB MEMORY STICK VERBATIM	BA0104900	CORSAIR FLASH VOYAGER GT 32GB USB 3.0
BA0098711	VEGAFLEX61 LEVEL TRANSMITTER EX WITH DISPLAY WIRE LENGTH 10 M	BA0113270	VEGAFLEX81 LEVEL TRANSMITTER EX WITH DISPLAY WIRE LENGTH 10 M
BA0098712	COLOURED QUALITY RAG 25 KG	BA0113733	COLOURED QUALITY RAG 10 KG
BA0098729	SERVVIEW V WIDE SCREEN 17"+8-PORT CATX W/1IP KVM MODULE	BA0120065	SERVVIEW V WIDE SCREEN 17"+16-PORT CATX W/1IP KVM MODULE
BA0098766	PROPORTIONAL VALVE BLOCK 3 SPOOL CARMINE RED	BA0113890	PROPORTIONAL VALVE BLOCK 3 SECTIONS
BA0098770	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0098814	LIR FLOW TRANSMITTER (SAFE AREA)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0098858	ROTOR FOR LPP-D25 HOSE PUMP LIQUID CHEMICAL SKID	BA0122969	KIT CONTAINING: Q250114 ROTOR, 80274 SUPPORTING RING AND 70985 RETAINING
BA0098877	MARKS FOR UK5	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0098878	MARKS FOR UK5	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0098884	BOURDON TUBE PRESSURE GAUGE	BA0049190-01	PRESSURE GAUGE WN-4291-A-63-16 W/CALIBRATION CERT.
BA00988978	SEAL KIT	BA0098897	SEAL KIT
BA0098934	CHILLER A CHILLED WATER CIRCUIT MOTORISED ISOLATION VALVE	BA0089169	QUARTER TURN ACTUATOR WITH SPRING RETURN 50Nm 24..230VAC/DC
BA0098995	RIGID BAG FILTER	BA0093224	RIGID PLEATED FILTER
BA0099051	GASKET FOR SIGHT GLASS GUNCLEAN TOFTEJORG I40 D GEAR UNIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0099063	COUNTERSUNK SCREW	BA0039781	COUNTERSUNK SCREW
BA0099067	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0099184	THREE PHASE MOTOR	BA0105872	3 PHASE MOTOR 4,8kW 690V 60Hz Ex-e
BA0099216	VEGABAR 54 EX PT -1 TO +25BAR 1" BSP, HART	BA0172112	Approval ATEX /IEC II 1G, 1/2G, 2G Ex ia IICT6
BA0099229	SAMSUNG 256GB 2.5" SSD 840 PRO SERIES W/BLACK TRAY FOR 3U SUPERMICRO	BA0120181	SAMSUNG 860 PRO 256GB 2.5" SSD WITH BLACK TRAY FOR 3U SUPERMICRO
BA0099230	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0099237	RADIO MODULE FOR ID11305	BA0088245	RADIO FOR BASE UNIT
BA0099273	OIL FILTER WITH CONVERSION KIT	BA0172489	CONVERSION KIT OIL FILTER
BA0099298	LED-MONITOR 23"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0099312	STEP 7 PROFESSIONAL 2010 V5.5 SR2	BA0054147	SEE ALSO BA0099312
BA0099314	CABLE	BA0095438	CABLE
BA0099326	PA01-01 M-SKID WITH 225 FRAME BOLT HOLE PATTERN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0099326-01	PA01-01 S-SKID WITH 225 FRAME BOLT HOLE PATTERN RAL6019 PASTEL GREEN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0099337	PRESSURE DIFFERENTIAL SWITCH 50-500PA	BA0088808	DIFFERENTIAL PRESSURE SWITCH 50-500PA
BA0099399	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0099411	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0099413	SEAL KIT FOR M-CEE40B6RS/KOB	BA0171524	SEAL KIT FOR CARTRIDGE VALVE HY122320 CEE/REE40B, AHC BLOCK
BA0099450	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0099476	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0099477	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0099484	SOCKET CAP SCREW	BA0098637	SOCKET CAP SCREW
BA0099485	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0099488	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0099489	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0099498	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0099556	TONG LIFT CYLINDER GA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0099591	CABLE	BA0102242	CABLE 2x0,5mm2
BA0099625	POSITION SENSOR	BA0067282	POSITION SENSOR ANALOG
BA0099632	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0099648	PANZERBELT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0099691	HEAT SHRINKABLE END CAPS	BA0099692	HEAT SHRINKABLE END CAPS
BA0099694	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0099696	HEAT SHRINKABLE END CAPS	BA0099693	HEAT SHRINKABLE END CAPS
BA0099719	CPCE REGULATING VALVE	BA0094125	CAPACITY REGULATOR
BA0099720	EEXIA PRESSURE TRANSMITTER	BA0078242	PRESSURE DIFFERENTIAL INDICATOR TRANSMITTER Exia/-250-250Pa/0-200Pa/C
BA0099730	FIRE DAMPER SOLENOID VALVE	BA0113156	BISTABLE 5/2 SOLENOID VALVE 24 VDC
BA0099828	CISCO CATALYST WS-C 2960S-24TS-L SWITCH	BA0076294	CISCO CATALYST 2960 24 10/100/1000 SWITCH W/POWERCORD AND CISCO SERVICE
BA0099856	FLANGE, INSERT CONE	BA0150901	FLANGE, INSERT CONE
BA0099887	6X36+IWRC 18MM L=7500MM	BA5272580	6X36+IWRC 22MM MBL=34,5
BA0099888	CCTV FIXED EX IP-HD, SAMSUNG, AMPHENOL, FIBER, BRACKET	BA0112670	CCTV FIXED IP-HD/ANALOG HYBRID FIBEROPTIC AMPHENOL 1080p50/60
BA0099894	DELL 23" LED MONITOR 1920 x 1080 AT 60Hz BLACK	BA0116433	DELL 23" LED MONITOR 1920 x 1080 AT 60Hz BLACK
BA00999379	COUNTERSUNK SCREW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0099944	COMPLETE REPAIR KIT BRAKE F5/6	BA0059087	REPAIR KIT FOR BRAKE
BA0099959	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0099961	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0099966	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0099991	NILOS RING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100001	C-0001 - EEXE ENCLOSURE, 230 X 110 X 306 MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100013	C-0012 - ROCKMASTER 15-24 HOSE 1-1/2" X 2MTRS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100016	1000-0001 - Lifting Collars	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100017	1091-2008 - Clamp No.6	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100018	1000-0002 - Safety Chains	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100020	1000-0004 - Latch Contingency Panel	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100021	1000-0005 - Connection Plate for inside the Reeler	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100022	1000-0006 - Seal Ring Assemblies for Shaffer Flanges	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100023	CH228063 - DKD LASER AND RADAR SENSORS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100041	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100042	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100043	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100084	ETAGBRM40NP - Earth Tag	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100085	WNLTM40 - Washer	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100088	PO3248 - Pressure gauge, Pump A Discharge Pressure 2" 1500# RF (0 - 3000psi),	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100089	PO2958 - Pressure Transmitter 2" 150# RF	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100092	PO2903 - ON-OFF Butterfly Valve 2" 150# RF	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100096	PO2903 - Pneumatic Solenoid 1/4" 3/2 way valve 150#	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100097	PO2903 - Body repair kit <(>&<)> trim set - 1/4" 3/2 way valve 150#	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100098	PO3850 - 1" Alfagomma 4SH (5000PSI) hose 1" NPT Male + bushing to 1-1/2"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100099	PO3850 - 3/4" Alfagomma 4SH (5000PSI) hose 3/4" NPT Male + bushing to 1" NPT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100100	PO3850 - 1" Alfagomma 4SH (5000PSI) hose 1" NPT Male <(>&<)> 1" JIC female swivel	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100115	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100116	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100117	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100127	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100171	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100202	SUPERMICRO 1U RDPC MODEL	BA0106173	1U SUPERMICRO, RDPC, SUPERSERVER 5017R-MTRF
BA0100230	SEAL KIT FOR HYDRAULIC CYLINDER DWG D007875	BA0052450	SEAL KIT FOR HYDR. CYLINDER
BA01002473	HIGH PRESSURE FILTER ELEMENT - MAX. 414BAR <(>&<)> 920L/MIN	BA0100247	HIGH PRESSURE FILTER ELEMENT MAX. 414BAR AND 920L/MIN
BA0100250	DO:3421 - SS316 6mm x 60mm Hex bolt nut w/t washer, spring washer <(>&<)> Flat	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100258	PO00001182 - Main SCADA Server cabinet	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100259	PO00001182 - RGH Driller's ISIS Screen	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100260	PO00001182 - SIC ISIS Screen + Keyboard and mouse	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100261	PO00001182 - Engineering station (PC) + screen + keyboard<(>&<)>mouse	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100262	PO00001182 - Server Screen (PC Monitor)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100264	PO00001182 - DELL UPS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100265	PO00001182 - Coriolis electronic transmitter	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100266	PO00001182 - 3 RIO PLC Rack Units	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100267	PO00001182 - UMG2 RIO Panel + BUFFER2 RIO Panel	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100268	PO00001182 - Main PLC Cabinet	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100269	PO00001837 - DKD main enclosure	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100271	6ES7 307 - 1EA01-0AA0 - SEIMENS PLC STABILIZED POWER SUPPLY PS307 INPUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100272	6ES7 326-1BK02-0AB0 - SEIMENS PLC DIGITAL INPUT MODULE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100273	6ES7 157-OAD82-0XA0 - SEIMENS PLC AP/DP COUPLER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100274	6ES7 153-2BA82-0XB0 - SEIMENS PLC IM DP/PA LINK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0100275	6GK7 342-5DA03-0XE0 - SEIMENS PLC COMMUNICATION PROCESSOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100276	6GK7 343-1EX30-0XE0 - SEIMENS PLC COMMUNICATION PROCESSOR ETHERNET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100278	6ES7 972-0BA12-0XA0 - PROFIBUS DP Connectors	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100279	6ES7 972-0BA52-0XA0 - PROFIBUS DP Connectors	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100280	6ES7 972-0BB52-0XA0 - PROFIBUS DP Connectors	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100281	6ES7 972-0BB12-0XA0 - PROFIBUS DP Connectors	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100282	6ES7 195-7HD80-0XA0 - SEIMENS PLC BUS MODULE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100284	DO:3421 - SS316 8mm x 60mm Hex bolt nut w/t washer spring washer <(>&<> Flat	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100285	DO:3421 - SS316 10mm x 60mm Hex bolt nut w/t washer spring washer <(>&<> Flat	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100286	DO:3421 - SS316 cheesehead Head Screw M5 X 70mm w/t Spring washer <(>&<> Flat	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100287	DO:3421 - SS316 cheesehead Head Screw M6 X 40mm w/t Spring washer <(>&<> Flat	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100290	DO:3421 - Standard Plastic Cable Ties (Black L 100mm X W 2.5mm)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100291	DO:3421 - Standard Plastic Cable Ties (Black L 200mm X W 3.6mm)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100292	DO:3421 - Standard Plastic Cable Ties (Black L 300mm X W 3.6mm)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100293	DO:3421 - Standard Plastic Cable Ties (Black L 350mm X W 4.8mm)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100295	PO.00004359 - Stainless Steel Embossing Tool	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100297	PO.00004359 - Multi-Lok Tie: (Black L 450mm X W 11.9mm)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100341	EDUCTOR 6" LOBESTAR MIXING M31	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100355	PO.00004359 - Multi-Lok Tie: (Black L 300mm X W 11.9mm)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100356	PO.00004359 - Multi-Lok Tie: Adjustable Hand Tool	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100357	PO.00004359 - Bandit Tie (Black L 610mm X W 15.9mm)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100358	PO.00004359 - Bandit Tie Tensioning tool	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100359	PO.00004434 - 1/2" NPT (Male) to 1/2" NPT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100360	PO.00004434 - 1/4" NPT (Male) to 1/2" NPT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100361	PO.00004434 - 1/4" NPT Hex Plug	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100362	PO.00004434 - 1/4" NPT (Male) to 1/2" NPT (Female)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100363	PO.00004434 - 1/2" NPT (Male) to 1/2" NPT (Female)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100364	PO.00004434 - Earth Tag Locknut Serrated Washer IP Washer and PVC Shroud	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100365	PO.00004434 - Earth Tag Locknut Serrated Washer IP Washer and PVC Shroud	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100366	PO.00004434 - Accessories for M20 Stopping Plugs IP Washer and Nickel Plated Locknut	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100367	SIC ACC-1 - SIC support brackets c/w bolts	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100368	SIC ACC-12 - DKD LASER AND RADAR SENSORS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100369	SIC ACC-8 - 2" 9/1500 Gasket	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100370	SIC ACC-5 - 90 degree 2" Hazardous Waste elbow	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100375	SIC ACC-10 - 2" 150 Gasket	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100377	SIC ACC-6 - 1" Hight pressure (18") hose	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100423	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100424	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100425	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100539	RING TORSIONAL LOAD CELL, 68T, HALOGEN FREE CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA01005945	HOSE LINE - 1.4571	BA0079524	CONNECTING FLANGE
BA0100628	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100731	RING TORSIONAL LOAD CELL 100T HALOGEN FREE CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100744	GUNCLEAN TOFTEJORG I40S	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100789	LT 200-XT-232 - LEVEL SENSOR (Laser)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100792	GHG5743101R2001 - cooper course hinds COUPLER 316L	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100793	GHG5747101r2801 - cooper course hinds PLUG/CAP 316L	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100794	GHG5748101r1002 - cooper course hinds RECEPTACLE 316L	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100795	GHG5713208r2001 - cooper course hinds COUPLER 316L	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100796	GHG5717208r2801 - cooper course hinds PLUG/CAP 316L (4P)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100797	6GK1162-3AA00 - SEIMENS PLC COMMUNICATION PROCESSOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0100798	CP M DM 20- 1222210000 - DIODE MODULE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100799	GPDO000472 - VPCL-111 EMITTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100825	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100902	AUXILIARY CONTACT BLOCK FOR LC1D CONTACTOR 1NO/1NC	BA0079407	AUXILARY BLOCK FOR CONTACTOR
BA0100925	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100926	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0100927	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101002	PO3850 - 1", Alfagomma hose 4SH (5500PSI) 2m length with both end JIC SS316	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101005	PO3850 - 1" JIC Female to 1" Compression fitting	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101006	PO3850 - 1/2" NPT Female to 1" Compression fitting	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101007	PO3850 - 3/4" NPT Male to 1" Compression fitting	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101008	PO3850 - 1", A105 RF, #1500 NPT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101009	PO3850 - 2" A105 RF #1500 Weld Neck flange	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101010	PO3850 - 2" A105 RF #150 Weld Neck flange	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101011	PO3850 - 1" NPT to 1" JIC Elbow	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101012	PO3850 - 1", Alfagomma hose (20bar) 2m	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101013	PO3850 - 1-1/2" NPT to 1" JIC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101014	PO3850 - 1" A105 RF, #150 RF threaded flange with 1" NPT to 1" compression	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101015	PO3850 - 1" MNPT x 1" compression fittings	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101016	C-0001 - EEXe enclosure 230 x 110 x 306 mm	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101022	C-0007 - 1" Union	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101026	C-0010 / C-0011 - 4SH-16 HOSE 1' X 2MTR c/w 25S MALE X BPS MALE STUD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101027	C-0012 / C-0013 - 4SH-16 HOSE 1' X 2MTR c/w 25S MALE X BPS MALE STUD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101063	RADIAL EDUCTOR SNUB, 3" FNPT PORTS 4 x 3/4" 316 SS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101076	PO:00004255 - Straight Fitting Unions In 1/2" Out 1/2"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101077	PO:00004255 - Union Elbow In 1/2" Out 1/2"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101078	PO:00004255 - Male Connectors In 1/2" Out 1/4"MNPT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101079	PO:00004255 - Male Connectors In 1/2" Out 1/2"MNPT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101080	PO:00004255 - Union Elbow In 1/2" Out 1/4"MNPT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101081	PO:00004255 - Union Tees 1/2" Out 1/2"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101082	PO:00004255 - Male Connectors In 1/2" Out 1/2"FNPT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101083	PO:00004255 - 1/2"MNPT to 1/2"JIC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101084	PO:00004255 - Nut Ferrule package = 2 packs Each for 1/2"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101085	PO:00004255 - Gap Inspection Gauges	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101113	6ES7 195-7HF80-0XA0 - SEIMENS PLC BUS MODULE DP/PA COUPLER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101114	6ES7 368-3BB01-0AA0 - SEIMENS PLC CONNECTION CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101115	6ES7 360-3AA01-0AA0 - SEIMENS PLC INTERFACE MODULE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101116	6ES7 332-5HD01-0AB0 - SEIMENS PLC AO MODULE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101117	6ES7 131-7RF00-0AB0 - SEIMENS PLC DI MODULE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101118	6ES7 307-1BA01-0AA0 - SEIMENS PLC POWER SUPPLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101119	6ES7 195-1GA00-0XA0 - SEIMENS PLC SECTIONAL RAIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101120	6ES7 953-8LL31-0AA0 - SEIMENS PLC MEMORY CARD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101121	6ES7 953-8LP20-0AA0 - SEIMENS PLC MEMORY CARD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101122	6ES7 953-8LJ30-0AA0 - SEIMENS PLC MEMORY CARD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101123	6ES7 392-1AM00-0AA0 - SEIMENS PLC CONNECTOR(SCREW TYPE)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101124	6ES7 392-1AJ00-0AA0 - SEIMENS PLC CONNECTOR(SCREW TYPE)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101130	SIMATIC HMI PANEL PC EX 4X USB2.0 2X RS232/422	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101152	PO.00004434 - M20 Nickel Plated Locknut	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101153	PO.00004434 - M20 IP Washer	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101159	ACT20X-2HDI-2SDO-RNO-S - DI BARRIER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101160	SCS24VDC - SAFTY DO BARRIER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0101161	6ES7 321-7TH00-OAB0 - SEIMENS PLC DIGITAL INPUT MODULE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101162	6ES7 158-0A001-OXA0 - SEIMENS PLC COUPLER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101163	GPDO000472 - STEEL TIE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101218	ACTIVE HEAVE COMPENSATOR CYLINDER - CD MS 200/180/90X7800-H-A-O-R-N-AC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101223	RS-232/485/422 - SERIAL COMM/FIBER MODEM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101224	10/100M - MEDIA COVERTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101225	6ES 7972-0CB20-OXA0 - PC ADAPTER USB	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101226	6ES7 972-0DA60-OXA0 - SEIMENS PLC BUS CONNECTER/PROFIBUS DP	BA0039565	SET SCREW
BA0101227	WSI 6 - SEIMENS PLC FUSE CONNECTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101228	4 WIRE PLTC - CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101229	DO:3421 - TOPWORKS DXP-E21	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101230	GPDO000472 - FIBER OPTIC SPARE PLUG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101233	SIC ACC-9 - 2 1/2" 150 Gasket	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101234	SIC ACC-11 - Angle Iron pipework supports	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101312	DO:3421 - TOPWORKS Limit Switch	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101313	14-12-9400 - CABLE TRECER(FLUKE NETWORKS)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101316	PS III - LOOP CALIBRATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101320	J670P - ETHERNET CARD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101321	19-4-1901 - EMMERSON HART COMMUNICATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101323	SIC ACC-7 - 1" Return line flange	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101362	SIEMENS SIMATIC IPC427D, MICROBOX PC	BA0115094	SIEMENS SIMATIC IPC427D, MICROBOX PC
BA0101388	HELICAL GEAR UNIT M4-OS3-RAL5002	BA0100681	HELICAL GEAR UNIT M4-OS3-RAL5002 ULTRAMARINE BLUE
BA0101478	SERVICE KIT FOR CLEANER UNIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101533	SPHERICAL ROLLER BEARING	BA0082812	ROLLER BEARING 22224-E1
BA0101536	SOCKET CAP SCREW LOW HEAD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101574	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101594	20/480V-60Hz SAFE ZONE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101615	19" RACK MOUNTED FIBER OPTICAL PATCH PANEL 1U WITH 24 X ST CONNECTORS	BA0170033	19" RACK MOUNTED FIBER OPTICAL PATCH PANEL 1U WITH 24 X ST CONNECTORS
BA0101658	CHOKE 2-10K CH2M 1" PSL-3 SS INLAY P+X EE	BA0101988	CHOKE 2-10K CH2M 1" PSL-3 INCONEL INLAY P+X EE
BA0101802	PRESSURE RELIEF VALVE CATRIGE	BA0104215	DIRECT-ACTING RELIEF VALVE CARTRIDGE
BA0101817	FILTER ELEMENT 6my FIBER ELEMENT DP= 20 BAR	BA0104158	FILTER ELEMENT
BA0101868	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101869	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101870	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0101930	ROD SEAL	BA0097933	EMERGENCY ROD SEAL FOR RISER TENSIONER CYLINDER 125K
BA0102046	HYDRAULIC TONG CYLINDER DRWG 75382 RAL 3002	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102123	SEAGATE HARDDISK+BLACK DRAWER	BA0118461	SEAGATE HARDDISK+BLACK DRAWER
BA0102127	GUNCLEAN TOFTEJORG T-82: 2XØ10mm,art no: 21B230 1½" THREADED BSP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102168	ROPE LENGTH TRANSMITTER W/SCANCON ENCODER	BA0119464	ROPE LENGTH TRANSMITTER W/ ENCODER
BA0102238	PO#3159-9 - Bartec Lamp Module	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102277	2" SAFETY VALVE	BA0094329	SAFETY VALVE 2"
BA0102285	5" BRASS VALVE	BA0097326	BRASS VALVE 5"
BA0102316	PO70000622-2 - Lower Stem Thrust Bearing for 6-900lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102317	PO70000622-3 - Body O-ring for 6-900lb Valve (4pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102318	PO70000622-4 - Body O-ring for 6-900lb Valve (4pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102319	PO70000622-5 - Stem O-ring for 6-900lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102320	PO70000622-6 - Stem Gasket for 6-900lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102321	PO70000622-8 - Stem O-ring for 6-900lb Valve (2pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102322	PO70000622-9 - Limit Switch for 6-900lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102323	PO70000622-11 - AFR for 6-900lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102324	PO70000622-12 - Lower Stem O-ring for 8-300lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0102325	PO70000622-14 - Lower Stem Thrust Bearing for 8-300lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102326	PO70000622-16 - Body O-ring for 8-300lb Valve (4pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102327	PO70000622-17 - Body Gasket for 8-300lb Valve (4pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102328	PO70000622-18 - Body O-ring for 8-300lb Valve (4pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102329	PO70000622-20 - Stem O-ring for 8-300lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102330	PO70000622-21 - Stem Gasket for 8-300lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102331	PO70000622-23 - Stem Thrust Washer for 8-300lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102332	PO70000622-24 - Stem O-ring for 8-300lb Valve (2pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102333	PO70000622-25 - Stem Thrust Washer for 8-300lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102334	PO70000622-27 - Solenoid for 8-300lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102335	PO70000622-28 - AFR for 8-300lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102336	PO70000622-29 - Lower Stem O-ring for 12-150lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102426	HOSE KIT	BA0079667	HOSE KIT
BA0102446	PO00001184-11 - HEXAGON HEAD SCREW M16 x 55	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102488	INSERT 2" RADIAL EDUCTOR INSERT URETHAN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102560	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102600	GUNCLEAN TOFTEJORG I40S L=1000mm 10mm NOZZLE 2-1/2 ANSI FF FLANGE SS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102636	FITTING XWEE12SR3/871	BA0102631	FITTING XWEE12SR3/871
BA0102693	BOTTOM MAT FOR RECARO CHAIR 108232	BA0110595	BOTTOM MAT FOR RECARO CHAIR
BA0102763	VALVE CONE API 6	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102808	COUPLING 10" VIC STYLE 77 BLUE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102809	ADAPTER FLANGE 6" VIC CS (PAINTED)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102810	GASKET 6" FLANGE ADAPTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102811	GASKET 10" VIC GASKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102812	NOZZLE FOR MIXING HEAD URETHANE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102992	CM 250 FCH 100/063x0150	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102993	CM250 CHCH 180/110	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0102995	SERIES 2 - T-2A CAVITY BUNA-N CARTRIDGE SEAL KIT	BA0110312	SEAL KIT
BA0103164	CABLE GLAND BRASS ATEX AND IECEX Ø26.5-32.4mm	BA0042166	GLAND M40 EXE BRASS Ø25,0-32,5MM
BA0103174	CABLE GLAND BRASS ATEX AND IECEX Ø9.0-14.3mm	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0103175	CABLE GLAND BRASS ATEX AND IECEX Ø5.0-9.1mm	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0103234	CABLE GLAND BRASS ATEX AND IECEX Ø20.0-26.5mm	BA0042162	GLAND M32 EXE BRASS Ø19,5-26,5MM
BA0103236	CABLE GLAND BRASS ATEX AND IECEX Ø15.0-20.1mm	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0103354	VALVE SPRING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0103377	CCTV SERVER 42TB	BA0120369	CCTV SERVER 42TB
BA0103378	DC/CCTV 18TB	BA0120365	DC/CCTV SERVER 18TB
BA0103382	CABLE GLAND BRASS ATEX AND IECEX Ø15.0-20.1mm	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0103386	CABLE GLAND BRASS ATEX AND IECEX Ø11.0-15.0mm	BA0106952	GLAND M25 EXE BRASS Ø9,5-15,4MM
BA0103389	CABLE GLAND BRASS ATEX AND IECEX Ø6.0-10.0mm	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0103407	SEAL KIT FOR GEARBOX COMPLETE	BA0078993	SEAL KIT COMPLETE FOR GEAR
BA0103408	REP KIT FOR BRAKE	BA0083360	REPAIR KIT FOR BRAKE RW/F9
BA0103409	SEAL KIT FOR BRAKE	BA0078992	SEAL KIT FOR BRAKE
BA0103410	BEARING KIT	BA0078994	BEARING KIT
BA0103430	WIRE W/MOUNTED OPEN SPELTER SOCKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0103520	CABLE GLAND BRASS ATEX AND IECEX Ø44.0-50.5mm	BA0054290	GLAND M63 EXE BRASS Ø42,5-56,3MM
BA0103524	HARDDISK INTEL S3710 SERIES 200GB SATA 6GB/S HET MLC 2.5" 7.0MM 2NM	BA0121859	SSD DISK, INTEL S4610 240gb SATA IN HOT SWAP TRAY
BA0103600	BOLT KIT	BA0063646	SOCKET CAP SCREW
BA0103601	BOLT KIT	BA0039907	SOCKET CAP SCREW
BA0103647	CCTV ANALOG TO IP 1 CHANNEL ENCODER PAL	BA0174365	CCTV ANALOG TO IP 1 CHANNEL ENCODER PAL
BA0103683	AIR DUCT ASSEMBLY FOR AC MOTOR RHS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0103689	AIR DUCT ASSEMBLY FOR AC MOTOR LHS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0103790	SAMSUNG 256GB 2.5" SSD 850 PRO SERIES W/BLACK TRAY FOR 3U SUPERMICRO	BA0120181	SAMSUNG 860 PRO 256GB 2.5" SSD WITH BLACK TRAY FOR 3U SUPERMICRO
BA0103794	CCTV 1080P 360DEGREE ROOF CAMERA VANDAL PROTECTED POE	BA0122388	ROOF CAMERA LED WDR, IP66, 6MP
BA0103844	HEX NUT	BA0103360	HEX NUT
BA0103869	LAMP GREEN W/7MTR CABLE 24VDC	BA0047767	LAMP, GREEN W/7MTR CABLE, 24VDC COMEX FLEX
BA0103919	EX Proof Sounder-Strobe Combi	BA0103019	COMBINATION BEACON SOUNDER EX
BA0103922	MICROSOFT SQL SERVER 2014 STANDARD - - 1 SERVER 10 CLIENTS – DVD	BA0095123	MS SQL SERVER STANDARD EDITION 2017 DVD 10 CLIENT EN
BA0104147	LUBRICATION SEAL FOR WIRE SHEAVE COVER	BA0104543	LUBRICATION SEAL FOR WIRE SHEAVE COVER
BA0104168	SHUT OFF VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0104169	SAFE AIR VALVE	BA0175833	SAFE AIR VALVE
BA0104171	FILTER ELEMENT	BA0175832	FILTER ELEMENT
BA0104172	REGULATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0104173	IN-LINE QUICK EXHAUST VALVE	BA0175834	IN-LINE QUICK EXHAUST VALVE
BA0104321	8562/52-2030-020 MCB 8562	BA0091911	MINIATURE CIRCUIT BREAKER
BA0104340	INTEGRAL PINION	BA0121704	PINION
BA0104528	CYLINDRICAL ROLLER BEARING WITHOUT SEALS	BA0058349	CYLINDRICAL ROLLER BEARING
BA0104566	REDUNDANT POWER DISTRIBUTION	BA0084666	REDUNDANT POWER DISTRIBUTION
BA0104570	SOCKET CAP SCREW	BA0097541	SOCKET CAP SCREW
BA0104574	FLAT WASHER	BA0038639	WASHER
BA0104871	GUNCLEAN TOFTEJORG I40D 2X8MM NOZZLE SS AISI 316 SEALED OFF INLET.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0104915	PRESS.TRANSMITTER W/7 MTR.CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0104917	PRESS.TRANSMITTER W/7 MTR.CABLE	BA0115868	PRESS. TRANSMITTER W/7 MTR. CABLE
BA0104924	PRESS.TRANSMITTER W/20 MTR.CABLE	BA0115867	PRESS. TRANSMITTER W/20 MTR. CABLE
BA0104936	PRESS.TRANSMITTER W/5 MTR.CABLE	BA0115856	PRESS. TRANSMITTER W/5 MTR. CABLE
BA0104937	PRESS.TRANSMITTER W/7 MTR.CABLE	BA0115863	PRESS. TRANSMITTER W/7 MTR. CABLE
BA0104938	PRESS. TRANSMITTER W/10 MTR. CABLE	BA0115862	PRESS. TRANSMITTER W/10 MTR. CABLE
BA0104939	PRESS.TRANSMITTER W/5 MTR.CABLE	BA0115866	PRESS. TRANSMITTER W/5 MTR. CABLE
BA0104940	PRESSURE TRANSMITTER W/5 MTR.CABLE	BA0115859	PRESS. TRANSMITTER W/5 MTR. CABLE
BA0104941	PRESS.TRANSMITTER W/20 MTR.CABLE	BA0115867	PRESS. TRANSMITTER W/20 MTR. CABLE
BA0104942	PRESS.TRANSMITTER W/15 MTR.CABLE	BA0115864	PRESS. TRANSMITTER W/15 MTR. CABLE
BA0104943	PRESS.TRANSMITTER W/5 MTR.CABLE	BA0115860	PRESS. TRANSMITTER W/5 MTR. CABLE
BA0104944	PRESSURE TRANSMITTER W/5 MTR.CABLE	BA0115865	PRESS. TRANSMITTER W/5 MTR. CABLE
BA0104945	PRESS.TRANSMITTER W/7 MTR.CABLE	BA0115868	PRESS. TRANSMITTER W/7 MTR. CABLE
BA0104946	PRESS.TRANSMITTER W/15 MTR.CABLE	BA0115861	PRESS. TRANSMITTER W/15 MTR. CABLE
BA0104947	PRESS.TRANSMITTER W/5 MTR.CABLE	BA0115858	PRESS. TRANSMITTER W/5 MTR. CABLE
BA0104948	PRESS.TRANSMITTER W/5 MTR.CABLE	BA0115857	PRESS. TRANSMITTER W/5 MTR. CABLE
BA0104949	PRESS.TRANSMITTER W/7 MTR.CABLE	BA0115854	PRESS. TRANSMITTER W/7 MTR. CABLE
BA0104952	PISTON ACTUATOR FOR HXE-G3 CHOKE, RED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105000	PO#3159-10 - Bartec Panel Lamp (White)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105001	PO#3159-11 - Bartec Lamp Module (Yellow)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105002	PO#70000636-19 - Suction Cartridge	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105010	PO#70000636-6 - O-ring	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105016	PO#70000636-12 - Plunger Packing	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105017	PO#70000636-13 - Gland Bushing	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105018	PO#70000636-14 - Throat Bushing	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105019	PO#70000636-15 - Lantern Ring	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105020	PO#70000636-16 - Stuffing Box Seal	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105021	PO#70000636-17 - Baffle	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105022	19-11-2013 - Plunger Packing	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105023	PO00003926 - Diaphragm Pump, Air Operated Diaphragm Pump (Wilden) (Pump C, Pump D,	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105024	17-11-2013 - ON-OFF Ball Valve, 2" 1500# RF (HV-504, HV-514, HV-515, HV-521, HV-523,	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105025	17-11-2013 - ON-OFF Ball Valve w/ Proximity Switch, 2" 1500# RF (HV-530, HV-531, HV-	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0105026	C024X50 - Poly Kleen projectile (24mm)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105027	C036X30 - Poly Kleen projectile (36mm)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105028	PO#2903-1 - ON-OFF Ball Valve 1" 150# RF (HV-590 LG-508 Vent LG-508 Drain LG-510)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105029	PO#2903-2 - Check Valve Downstream Pump A 2" 1500# RF (CK-21 CK-22 CK-23)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105030	PO#2903-3 - ON-OFF Butterfly Valve 2" 150# RF (HV-501 HV-509 HV-511 HV-516 HV-520)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105031	PO#2903-4 - ON-OFF Ball Valve Air Manifold 1/2" 800# (AM-2 to AM-19)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105032	PO#2903-5 - Filter 2" 1500# RF - 100 Micron (F1 F2)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105033	PO#2903-6 - Filter 2" 150# RF - 100 Micron (F3 F4)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105034	PO#2903-7 - Strainer 3" 150# RF - 100 Micron (S1 S2)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105035	PO#2903-8 - Body repair kit <(>&<) trim set - On-Off Butterfly Valve 2" / 150#RF	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105036	PO#2903-9 - Body repair kit <(>&<) trim set - On-Off Ball Valve 2" 150#RF	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105037	PO#2903-10 - Body repair kit <(>&<) trim set - On-Off Ball Valve 3" 150#RF	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105038	PO#2903-11 - Body repair kit <(>&<) trim set - On-Off Ball Valve 1" 1500# RF	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105039	PO#2903-12 - Body repair kit <(>&<) trim set - On-Off Ball Valve 1/2" 1500# RF	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105040	PO#2903-13 - Body repair kit <(>&<) trim set - On-Off Ball Valve 1/2" 1500# RF	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105041	PO#3159-1 - CP T SNT 90W 24V 3.8A Power supply switch-mode power supply unit	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105042	PO#3159-2 - 6A 2P DIN Mounted Master Circuit Breaker	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105043	PO#3159-3 - 6A 2P IC60HC 2P Master Circuit Breaker	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105044	PO#3159-4 - 20A 2P IC60HC 2P Master Circuit Breaker	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105045	PO#3159-5 - Bartec 2 position selector switch module	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105046	PO#3159-6 - Bartec 2 position selector switch actuator	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105047	PO#3159-7 - Bartec E-STOP Button Module	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105048	PO#3159-8 - Bartec E-STOP Button Actuator	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105049	PO70000773 - Level Transmitter 2" 150# RF (LT-593)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105050	19-11-2013 - Rear Cover Gasket	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105051	19-11-2013 - Plunger Lubricator Belt	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105052	PO#70000636-18 - Lube Pump	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105053	PO#70000636-22 - Level Gauge	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105054	PO#70000636-23 - Vibration Switch	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105055	PO#70000636-24 - High Temp Switch	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105056	PO#70000636-25 - Suction and Discharge Valve Assembly	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105057	PO# 2903-15 - Pressure Control Valve 1" 1500# RF (PCV-570 PCV-571)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105058	S4000TH-1-0-13-3 - H2S Gas Detector (AT-500)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105059	S4000CH-1-0-12-3 - LEL Detector (AT-588)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105060	PO# 2903-16 - ON-OFF Ball Valve 1" 1500# RF (HV-567 HV-576)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105061	PO# 2903-14 - Pressure Relief Valve i. 1 1/2" 1500# x o. 2" 300# RF (PRV-558 PRV-559)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105062	PO70000622-7 - Stem Bearing for 6-900lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105063	PO70000622-10 - Solenoid for 6-900lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105064	PO70000622-13 - Lower Stem Bearing for 8-300lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105065	PO70000622-15 - Ball for 8-300lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105066	PO70000622-19 - Spring for 8-300lb Valve (64pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105067	PO70000622-22 - Stem Bearing for 8-300lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105068	PO70000622-26 - Limit Switch for 8-300lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105069	PO70000622-30 - Lower Stem Thrust Bearing for 12-150lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105070	PO70000622-37 - Stem Bearing for 12-150lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105071	PO70000622-42 - Limit Switch for 12-150lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105072	PO70000622-43 - Solenoid for 12-150lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105073	PO70000622-1 - Lower Stem O-ring for 6-900lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105074	17-11-2013 - Check Valve Downstream Pump A, 2" 1500# RF (CK-21, CK-22, CK-23)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105075	17-11-2013 - Body repair kit <(>&<) trim set - 1/4" 3/2 way valve 150#	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105076	17-11-2013 - Body repair kit <(>&<) trim set - PCV 1" 1500#RF	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0105077	PO00004667 - 7/16 x 1" SS Hex Bolt w/Nuts, Lock Washer, Washer	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105078	4-12-2013 - S7-300 SM322 32 Digital Output 24VDC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105079	4-12-2013 - S7-300 SM326-F 8 Digital Input 24VDC [EEXi]	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105080	4-12-2013 - S7-300 SM326-F 8 Digital Output 24VDC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105081	4-12-2013 - S7-300 SM331 8 Analogue Input 13BIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105082	4-12-2013 - S7-300 SM332 8 Analogue Output (V/I) 12BIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105083	4-12-2013 - S7-300 SM336-F 6 Analogue Input 15BIT [HART]	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105084	4-12-2013 - S7-300 Front Connector 20P screw	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105085	4-12-2013 - S7-300 Front Connector 40P screw	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105086	4-12-2013 - S7-300 PS307 5A Power Supply Unit 120/230VAC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105087	4-12-2013 - S7-300 SM321 Module 16 Digital Input 24VDC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105088	4-12-2013 - S7-300 SM322 8 Digital Output 24VDC 2A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105089	4-12-2013 - S7-300 SM321 32 Digital Input 24VDC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105090	4-12-2013 - S7-300 SM326-F 24 Digital Input 24VDC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105091	4-12-2013 - 3kVA Electronic Module	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105092	4-12-2013 - Battery Modules	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105093	4-12-2013 - Volt Free Contact Alarm Card	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105094	4-12-2013 - Automatic Change-Over Switch	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105095	4-12-2013 - 4kVA Input Isolation Transformer	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105096	4-12-2013 - Din Rail Mount Power Supply Unit	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105097	4-12-2013 - Coupling Module Input 18-32V DC 25A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105098	10-1-2014 - 3963 Solenoid valve 3/2 operation Var-ID: 36430225; 3963-	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105104	PO70000622-31 - Ball for 12-150lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105105	PO70000622-32 - Body O-ring for 12-150lb Valve (4pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105106	PO70000622-33 - Body Gasket for 12-150lb Valve (4pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105107	PO70000622-34 - Body o ring 12-150lb 4pcs/set	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105108	PO70000622-35 - Stem O-ring for 12-150lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105109	PO70000622-36 - Stem Gasket for 12-150lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105110	PO70000622-38 - Stem Thrust Washer for 12-150lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105111	PO70000622-39 - Stem O-ring for 12-150lb Valve (2pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105112	PO70000622-40 - Stem Thrust Washer for 12-150lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105113	PO70000622-41 - O-ring for 12-150lb Valve (8pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105114	PO70000622-44 - AFR for 12-150lb Valve (1pcs/set)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105115	PO00001250-1 - TOP END CAP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105116	PO00001250-2 - BOTTOM END CAP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105117	PO00001236 - RING GASKET DN550 NPS22 IX550	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105118	PO00001224-1 - 1-1/8in 8UN HVY SPHERICAL NUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105119	PO00001224-2 - 1-1/8in UN8 x 10-5/8in STUDBOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105120	PO00001408 - FLOWSPPOOL GOOSENECK LATCH UPPER HIRTH COUPLING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105121	PO00001386-1 - FLOWSPPOOL GOOSENECK LATCH HIRTH COUPLING CLAMP A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105122	PO00001386-2 - FLOWSPPOOL GOOSENECK LATCH HIRTH COUPLING CLAMP B	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105123	PO00001184-1 - METRIC HEAVY HEX NUT M20 x 2.5	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105124	4-12-2013 - COMMUNICATION PROCESSOR CP342-5 FOR CONNECTING SIMATIC S7-300 TO	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105125	4-12-2013 - SIMATIC S7-300, CP 340 COMMUNICATION PROCESSOR WITH RS422/485 INTERFACE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105126	4-12-2013 - SIMATIC DP, BUS UNIT FOR ET200M F THE INTEGR.OF 1 PS A.1 IM153	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105127	4-12-2013 - SIMATIC DP, BUS UNIT FOR THE ET200M F. INTEGR.OF TWO 40 MM WIDE I/O	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105128	25-11-2013 - CP M SNT 250W 24V 10A Power supply, switch-mode power supply unit	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105129	25-11-2013 - ACT20X-2HDI-2SDO-RNO-S, EX signal isolating converter, 2-channel	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105131	PO00001276 - FLOWSPPOOL GOOSENECK PAD EYE WELDMENTY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105132	PO00002566 - ALUMINIUM BOLTED ANODE, RECTANGULAR, 200mm(L) x 100mm(W) x 40mm(H), 1.8	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105133	PO00001184-2 - HEXAGON HEAD SCREW, M20 x 50. ISO 4017/ASME B18.2.3.1M HEXAGON HEAD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0105135	PO00001291 - RDD LOWER HOUSING SEAL. PISTON SEAL GK01-P, 711.10mm x 686.10mm x 18mm,	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105136	PO00001289-1 - RDD, SEAL RING ID LOWER SEAL. ROD SEAL GS01-P, 911.428mm x 936.428mm x	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105137	PO00001289-2 - RDD, SEAL RING UPPER O-RING SEAL BACKING RING. BACKUP RING ST08,	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105138	PO00001289-3 - RDD PISTON OUTER SEAL / SEAL RING LOWER PRIMARY SEAL. PISTON SEAL GK01-	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105139	PO00001289-4 - SEAL RING UPPER PRIMARY SEAL. PISTON SEAL GK01-P, 1041.30mm x 1016.30mm	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105140	PO00001906-1 - RDD, STINGER SEAL BACKUP RING. ANTI-EXTRUSION RING ISO 3601-4-T2-353-PS-	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105141	PO00001906-2 - RDD, STINGER SEAL BACKUP RING. ANTI-EXTRUSION RING ISO 3601-4-T2-353-PS-	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105142	PO00001808-1 - LOCKING DOG PISTON SECTION GUIDE RING. GUIDE RING, ANGLE CUT AT 45° TO	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105143	PO00001808-2 - LOCKING DOG BORE SECTION GUIDE RING. GUIDE RING, ANGLE CUT AT 45° TO	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105144	PO00001195 - G1-1/2A MALE STUD CONNECTOR. G1-1/2A MALE BSPP/ED SEALING FKM STAINLESS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105145	PO00001195-1 - G1/2A MALE STUD CONNECTOR. G1/2A MALE BSPP/ED SEALING FKM; PN 400 BAR;	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105146	PO00001195-2 - G1A MALE STUD CONNECTOR. G1A MALE BSPP/ED SEALING FKM MALE STUD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105147	PO00001730 - CARTRIDGE FOR MAIN FLOW CHECK VALVE MODEL NO : CKBB-XEN/AP. STAINLESS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105148	PO00001195-3 - G1/2A ADJUSTABLE SWIVEL ELBOW. G1/2A EO ASSEMBLED ADJUSTABLE SWIVEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105149	PO00001195-4 - G1A ADJUSTABLE SWIVEL ELBOW. G1A EO ASSEMBLED ADJUSTABLE SWIVEL ELBOW;	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105150	PO00001195 - G1/4A EO MALE STUD CONNECTOR. G1/4A EO MALE STUD CONNECTOR; PN 630 BAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105151	12-7-2013 - 2P+E Hazardous Area Plug,16A 250V	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105152	12-7-2013 - 2P+E Hazardous Area Coupler,16A 250V	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105153	12-7-2013 - 3P+E Hazardous Area Plug,32A 250V	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105154	12-7-2013 - 3P+E Hazardous Area Coupler,32A 250V	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105155	3-12-2013 - UK plug (BS1363) to UK (BS1363) socket extension cord - 5m	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105156	PO00001195-5 - G1/4A ADJUSTABLE SWIVEL ELBOW. G1/4A EO ASSEMBLED ADJUSTABLE SWIVEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105157	PO00001195 - D25 FM EO2-FUNCTIONAL NUT. D25 FM EO2-FUNCTIONAL NUT; PN 400 BAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105158	PO00001195 - D16 EO2-FUNCTIONAL NUT. D16 EO2-FUNCTIONAL NUT; PN 400 BAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105159	PO00001195-6 - G3/4A ADJUSTABLE SWIVEL ELBOW. G3/4A EO ASSEMBLED ADJUSTABLE SWIVEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105160	PO00001195-7 - G3/8A ADJUSTABLE SWIVEL ELBOW. G3/8A EO ASSEMBLED ADJUSTABLE SWIVEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105161	PO00001195-8 - G3/8A EO MALE STUD CONNECTOR. G3/8A EO MALE STUD CONNECTOR; PN 630 BAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105162	PO00002586-2 - HEXAGON HEAD SCREW M20 x 85	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105163	PO00002586-3 - HEXAGON HEAD BOLT M20 x 180 LG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105164	PO00002586-4 - LOCK WASHER M8 (STAINLESS STEEL)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105166	PO00002586-6 - HEXAGON NUT M8. ISO 4033 - M8 Hexagon nuts, style2 - Product grades A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105167	PO00002586-7 - M8 X 20 HEXAGON HEAD SCREW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105168	PO00002428 - STAINLESS STEEL SOCKET HEAD CAP SCREW, M6 x 12. Forged Socket Head Cap	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105169	PO00002428 - STAINLESS STEEL HEXAGON NUT M10	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105170	PO00002586-8 - STAINLESS STEEL HEXAGON HEAD SCREWS M10 x 35	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105171	PO00002586-9 - STAINLESS STEEL HEXAGON HEAD SCREW M10 x 80	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105173	PO00002586-10 - STAINLESS STEEL SOCKET HEAD CAP SCREW M8 x 16	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105174	PO00002502 - SPIRAL RETAINING RING. DNS-16 DNS RINGS-SPIRAL RETAINING RING DIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105175	PO00001288 - 100-8 UNC SUPER BOLT ASSEMBLY. CY-100-8 UNC /W	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105176	PO00001184-3 - METRIC HEAVY HEX NUT M22 x 2.5	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105177	1091-6074 - ISO 6162-2 DN51 DUAL SEAL FACE SECTION O-RING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105178	1000-0203 - 20-24F42EDMX MALE STUD CONNECTOR, G1-1/2" BSPP (M) x JIC 37 DEG 1-5/8""-	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105179	1091-3050 - 3/8" BSPP x 3/8" JIC SS316 ELBOW, VOLZ ARTICLE NU. 207125	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105180	1091-3052 - 3/8" BSPP x 3/8" JIC SS316 ADAPTOR, VOLZ ARTICLE NU. 203516	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105182	PO00001184-4 - METRIC HEAVY HEX STRUCTURAL BOLT M27x3 x 270	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105183	PO00001184-5 - METRIC HEAVY HEX NUT M27 x 3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105184	PO00001184-6 - METRIC HEAVY HEX STRUCTURAL BOLT M27x3 x 170	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105185	PO00002586-11 - METRIC HEAVY HEX STRUCTURAL BOLT M24x3 x 150	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105186	PO00001727 - LOCK WASHER M24	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105187	PO00002586-12 - LOCK WASHER M27	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105188	PO00001184-7 - METRIC HEAVY HEX STRUCTURAL BOLT M20x2.5 x 160	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0105189	PO00001184-8 - METRIC HEAVY HEX BOLT - M16 x 2 x 85	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105190	PO00002590 - METRIC HEX NUT STYLE 1 - M16 x 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105191	PO00001184-9 - METRIC HEAVY HEX STRUCTURAL BOLT- M22 x 2.5 x 160 LG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105192	PO00002590 - HEXAGON HEAD BOLT M16 x 220	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105193	PO00002590 - HEXAGON HEAD BOLT M16 x 110	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105194	PO00002590 - HEXAGON HEAD BOLT M16 x 150	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105195	PO00002590 - HEXAGON HEAD SCREW - M16 x 50	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105196	PO00002586-13 - M6 x 16 HEXAGON SOCKET HEAD SCREW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105197	PO00002586-14 - LOCK WASHER M6 (STAINLESS STEEL)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105198	PO00002586-15 - HEXAGON SOCKET HEAD CAP SCREW - METRIC M6 x 1 x 10	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105200	PO00003432 - SPLIT PIN 6.3 x 45	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105201	PO00001184-10 - HEXAGON NUT M16	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105202	PO00002586-17 - HEAVY HEX NUT INCH - 1 IN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105208	PO00001184-12 - HEXAGON HEAD SCREW M16 x 65	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105209	PO00001184-13 - HEXAGON HEAD SCREW M16 x 80	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105210	PO00002586-18 - ISO METRIC PRECISION HEXAGON M10 x 160	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105211	PO00002586-19 - ISO METRIC PRECISION HEXAGON NUT M10	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105213	PO00002586-20 - LOCK WASHER STAINLESS STEEL LARGE DIA. M16	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105214	PO00002586-21 - LOCK WASHER LARGE DIA. M20	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105215	PO00001727 - STUD 3/4-10 UNC LG: 4.5 IN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105216	PO00002586-22 - HEAVY HEX NUT 3/4"-10 UNC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105217	PO00001727 - SOCKET HEAD CAP SCREW - METRIC M10x1.5 x 25	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105218	PO00002586-23 - STUD 3/4-10 UNC LG: 5.5in	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105219	PO00001184-14 - ISO METRIC PRECISION HEXAGON BOLT M20 x 290	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105221	PO00001184-16 - HEXAGON HEAD SCREW - M20 x 55	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105223	PO00001727 - HEXAGON HEAD SCREW M16 x 40	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105224	PO00002586-27 - HEXAGON HEAD SCREW M20 x 2.0 x 70 LG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105225	PO00002586-25 - HEXAGON HEAD SCREW - M16 x 60	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105226	PO00002586-26 - PO00002586-22	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105227	PO00002674 - HEXAGON HEAD BOLT M16 x 90	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105228	PO00001282 - ECCENTRIC BUSHING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105229	PO# 1661 - SIC Triplex Pump RSB Spare	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105230	PO# 1661 - Suction Stabalizer	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105231	PO# 1661 - Discharge Stabalizer	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105232	PO# 4070 - 2 x 1/2" Control Valves c/w Solenoid and Actuator	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105235	PO00001184-17 - METRIC HEAVY HEX STRUCTURAL BOLT- M24 x 3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105236	PO00002428 - LOCK WASHER M10 (STAINLESS STEEL)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105237	PO00001184-18 - HEXAGON HEAD SCREW M16 x 70	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105239	PO00001209 - GOOSENECK SCRAPER SEAL WITH SPLIT BACK UP RING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105240	PO00002844 - GOOSENECK CHEVRON TYPE PRIMARY SEAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105241	PO00003915-7 - Acron JB 250mm X 400mm X 120mm	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105242	PO00003623 - Double Block and Bleed Valve	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105243	PO00003915-1 - M20 Hawke Glands	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105244	PO00003915-2 - M20 Hawke Glands	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105245	PO00003915-3 - M20 Stopping plugs	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105246	PO00003915-4 - 3/4" to M20 reducers	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105247	PO00003915-5 - 3/4" stopping plugs	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105248	PO00003915-6 - 1/2" to M20 reducers	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105249	PO00003915-8 - 1/2" Stop Plug	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105250	PO00002455 - Brackets For Pressure Transmitter	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105251	PO00004254 - Flanges 2"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0105252	PO00004195 - Flanges 2"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105253	PO00003601 - Biford Solenoids	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105254	PO00001182 - 4/20mA Loop powered indicators Intrinsically safe field mounting	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105260	4-12-2013 - Load power supply PS 307; AC 120/230V DC 24V 5A	BA0024562	SIMATIC S7-300 STABILIZED POWER SUPPLY PS307
BA0105261	4-12-2013 - Central processing unit CPU315F-2 PN/DP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105262	IM 360 - Interface module IM 360 in central controller rack	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105263	8AI - Analog input 8AI 14-bit 20ms isolated	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105264	4AO - Analog output 4 AO isolated	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105265	IM 361 - Interface module IM 361 in expansion unit rack	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105266	4-12-2013 - Digital Input 16DE DC 24V diagnosis; NAMUR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105267	C-IM361 - Connecting cable IM360/IM361 or IM361/IM361; 1m	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105268	4-12-2013 - SIMATIC DP DISTRIBUTED I/O FIELD DEVICE LINK DP/PA COUPLER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105269	25-11-2013 - Analog Input IS Barrier	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105270	25-11-2013 - ACT20X EX signal isolating converter 2-channel version. NAMUR Input	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105271	25-11-2013 - Safety relay, 24 V DC ± 20%, 35 mA, Max. switching current, internal	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105272	25-11-2013 - 10 A switched-mode power supply unit	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105273	25-11-2013 - 10 A Diode module for power supply redundancy	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105274	25-11-2013 - Network switch unmanaged Fast Ethernet Number of ports: 6x RJ45, 3 * SC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105275	21-11-2013 - Level Transmitter 2" 150# RF (LT-518 LT-519)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105276	21-11-2013 - Level Transmitter 2" 150# RF (LS-591 LS-592)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105277	21-11-2013 - Temperature Transmitter 2" 150# RF (TT-554 TT-555)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105278	21-11-2013 - Pressure Transmitter 2" 1500# RF (PT-564 PT-565)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105279	21-11-2013 - Pressure Transmitter 2" 1500# RF (PT-568 PT-569)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105280	21-11-2013 - Differential Pressure Transmitter, 2" 150# RF (PDT-552)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105281	21-11-2013 - Differential Pressure Transmitter 2" 1500# RF (PDT-575)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105283	4-12-2013 - S7-300 SM321 16 Digital Input 24VDC [EExi]	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105306	3-12-2013 - US plug (NEMA 5-15) to Universal socket adapter	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105307	3-12-2013 - UK plug (BS1363) to Universal socket adapter	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105308	3-12-2013 - Shucko plug to Universal socket adapter CEE 7/4 (German "Schuko" 16	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105309	5-12-2013 - 6A 2P DIN Mounted Master Circuit Breaker	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105310	25-11-2013 - 20A 2P DIN Mounted Master Circuit Breaker	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105311	PO70000777 - Cable gland M20 Brass ATEX IP66 Size "20S16" + PVC04 Shroud	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105312	3-12-2013 - Cable gland M20 Brass Skintop ATEX IP68RS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105313	3-12-2013 - Cable gland M16 Brass Skintop ATEX IP68RS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105314	3-12-2013 - Vegacap 64 Level sensors c/w 300mm probe/75mm sense tip c/w 2" ANSI	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105315	4-12-2013 - SINEC CP1623 PCI COMMS CARD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105316	4-12-2013 - SCALANCE X208 IE Switch: 8 X 10/100MBIT/S RJ45 Ports	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105317	4-12-2013 - SIMATIC S7-400 POWER SUPPLY PS407; 10A WIDERANGE 120/230V UC 5V DC/10A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105318	4-12-2013 - SIMATIC S7-400H CPU 412-5H CENTRAL UNIT FOR S7-400H AND S7-400F/FH 5	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105319	4-12-2013 - ET200ISP Module 4 Analogue Inputs (HART)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105320	4-12-2013 - ET200ISP Power Module 120/230VAC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105321	4-12-2013 - ET200ISP Module 4F-Digital Output EX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105322	4-12-2013 - ET200ISP Module 8F-Digital Input EX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105323	4-12-2013 - ET200ISP Interface Module IM152-1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105324	4-12-2013 - ET200ISP Module 4 Digital Output 17.4VDC 40MA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105325	4-12-2013 - ET200ISP Module 4 Analogue Output 4-20MA [HART]	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105327	4-12-2013 - ET200ISP Module 4F-Analogue Input EX HART	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105329	10-1-2014 - 26 Pin Male Flange Mounted Connector	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105330	10-1-2014 - Manual Pressure Reducing Valve	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105331	10-1-2014 - 18mm 2 Position / 2 Way NC Solenoid op valve poppet cartridge	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105332	10-1-2014 - 2 Position / 3 Way NC Solenoid op poppet cartridge valve	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0105333	10-1-2014 - Porportionally Sol Operated Pressure Reducing / Relieving Valve	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105334	10-1-2014 - 33mm 2 Pos / 2 Way NC Solenoid op poppet cartridge valve	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105335	10-1-2014 - 3 Pos / 4 Way NC Solenoid op poppet cartridge valve	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105336	10-1-2014 - 2 Pos / 2 Way NO Solenoid op poppet cartridge valve	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105337	10-1-2014 - Two Station Manifoldded Control System	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105338	10-1-2014 - 2 Pos / 4 Way Solenoid Operated Poppet Valve	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105339	10-1-2014 - Power Reduction Power Plug with 5 metre tail	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105340	10-1-2014 - Power Amplifier for the Proportional Pressure Reducing Valve with 5	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105342	10-1-2014 - Proportional Amplifier Connector	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105343	10-1-2014 - 1" BSP Stainless Steel Check Valve	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105344	10-1-2014 - 15 Female pin Bulkhead socket with 0.5m leads , Locknut, washer and cap	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105346	10-1-2014 - 32/15 way inline male plug with M32 barrier gland	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105347	10-1-2014 - 15 male pin Bulkhead socket with 0.5m leads , Locknut, washer and cap	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105348	10-1-2014 - 32/15 way inline Female plug with M32 barrier gland	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105349	10-1-2014 - 12 Pin Male Bulkhead with 1.5 meter Cable	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105350	10-1-2014 - 26 Pin Female Flange Mounted Connector	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105352	10-1-2014 - Removable connector plate: Price includes engraving EFC Drawing	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105353	10-1-2014 - Removable connector plate: Price includes engraving EFC Drawing	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105354	10-1-2014 - Removable connector plate: Price includes engraving EFC Drawing	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105355	10-1-2014 - Removable connector plate: Price includes engraving EFC Drawing	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105356	10-1-2014 - Removable connector plate: Price includes engraving EFC Drawing	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105357	10-1-2014 - Removable connector plate: Price includes engraving EFC Drawing	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105358	10-1-2014 - O-Ring: Inside Diameter of 28.30mm	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105359	10-1-2014 - O-Ring: Inside Diameter of 12.42mm	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105360	10-1-2014 - O-Ring: Inside Diameter of 18.47mm	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105361	10-1-2014 - O-Ring: Inside Diameter of 15.60mm	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105362	10-1-2014 - O-Ring: Inside Diameter of 23.52mm	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105363	10-1-2014 - 12 Pin Female Connector c/w Double Seal and 2 metre tail and Double Deck	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105364	PO#3156 - IMATIC NET PB FC provcess cable bus cable for IEC 61158-2 Black sheath	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105365	PO#3163 - ROLINE DisplayPort Cable DP M - DP M 10m	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105366	PO#3163 - Wire switchgear tri rated 1.0 mm sq,PVC insulation 100 m White	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105367	PO#3163 - Wire switchgear tri rated 1.0 mm sq,PVC insulation 100 m Yellow	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105368	PO#3163 - Wire switchgear tri rated 1.0 mm sq,PVC insulation 100 m Blrown	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105369	PO#3163 - Wire switchgear tri rated 1.0 mm sq,PVC insulation 100 m Blue	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105370	PO#3163 - Wire switchgear tri rated 1.0 mm sq,PVC insulation 100 m Grey	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105371	PO#3163 - Wire switchgear tri rated 1.0 mm sq,PVC insulation 100 m Black	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105372	PO#3163 - Wire switchgear tri rated 1.0 mm sq,PVC insulation 100 m Red	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105373	PO#3163 - Tape electrical vinyl 3M Scotch	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105374	PO# 4070 - ON-OFF Ball Valve Air Manifold 1/2" 800# (AM-2 to AM-19)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105375	PO00001405 - FLOWSPool GOOSENECK LATCH PADEYE WEDGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105376	PO00001224 - TECHLOK SEALRING SIZE 54 INCONEL ALLOY 718 VECTOR P/N: R054606A2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105377	PO00001184 - SOCKET HEAD CAP SCREW - METRIC M8x1.25 x 20	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105378	PO00001158 - LOCK WASHER M8	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105379	PO00001184 - METRIC HEAVY HEX NUT M24 x 3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105381	PO00001158 - LOCK WASHER M12	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105382	PO00001119 - RDD STUD 3"-8UN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105384	PO00003297 - LOCKING DOG RETAINER NUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105385	PO00001289 - RDD SEAL RING ID LOWER SEAL. ROD SEAL GS01-P 911.428mm x 936.428mm x	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105386	PO00001289 - RDD PISTON OUTER SEAL / SEAL RING LOWER PRIMARY SEAL. PISTON SEAL GK01-P	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105387	PO00001289 - SEAL RING ID UPPER SEAL. ROD SEAL GS02-P 911.428mm x 936.428mm x 17mm G-	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105388	PO00001712 - LOCKING DOG PISTON SECTION SECONDARY T-SEAL <(>&<)> LOCKING DOG RETAINER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0105389	PO00001808 - LOCKING DOG BORE SECTION SCRAPER SEAL. PISTON SEAL X-SLIDE K08-E 69.85mm	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105390	PO00001712 - LOCKING DOG BORE SECTION SECONDARY T-SEAL. PBG20B332-T05H9T20 PISTON	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105391	PO00001712 - LOCKING DOG RETAINER NUT SECONDARY BORE T-SEAL. RBG20B210-T05H9T20 ROD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105392	PO00001808 - LOCKING DOG RETAINER NUT SECONDARY SEAL. PISTON SEAL K35-P 85.73mm x	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105393	PO00003286 - LOCKING DOG PISTON PRIMARY SEAL. PISTON SEAL DZ DZ187-3000-312-E2F C-	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105394	PO00003286 - LOCKING DOG BORE SECTION PRIMARY SEAL. PISTON SEAL DZ DZ187-2375-312-E2F	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105398	PO70000670 - Hydraulic Coupler 1/4 In FNPT Stainless 6700 psi	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105399	PO#3237 - Kit I/O Profibus PA Ex	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105400	PO#3163 - Tape adhesive self amalgamating PIB 19x0.5mm	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105401	PO70000670 - PTFE Tape Pipe Thread Sealant - 1/4" x 576"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105402	PO70000670 - PTFE Tape Pipe Thread Sealant - 1/2" x 288"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105403	PO70000670 - Hydraulic Coupler 1/4 In MNPT Stainless 6700 psi	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105405	PO#3237 - Micropilot FMR52 Level Radar Contactless	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105406	PO#3237 - Kit P.s.b. 40/8X 24V REx330 Ex	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105407	PO#3237 - Kit display module	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105408	PO#3237 - Kit measurement amplifier PMASS 83 SEA EX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105409	PO70000717 - Set of Seals for BRC2000	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105410	PO70000717 - Set of Seals for BRC500 B1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105413	PO00001201 - SPM VALVE TOOL 1/2" BOTTOM SEAL REMOVE TOOL ASSEMBLY TL0043	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105414	PO00001201 - SPM VALVE TOOL 1 - 1/2" BOTTOM SEAL REMOVAL TOOL ASSEMBLY TL0086	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105415	PO00001201 - SPM VALVE SPARE REPAIR KIT SPM 1-1/2" NC 5K CS0470RK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105416	PO00001201 - SPM VALVE SPARE SEAL KIT CS0470SK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105417	PO00001201 - SPM VALVE SPARE REPAIR KIT SPM 1" NC H 1/8" NPT 5K CS1010RK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105418	PO00001201 - SPM VALVE SPARE SEAL KIT CS1010SK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105419	PO00001201 - SPM VALVE SPARE SEAL KIT CS0420SK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105421	PO00001195 - 1-1/2 IN SAE SPLIT FLANGE HALVE. 1-1/2 IN SAE J518 CODE 62/ISO 6162-2 DN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105422	PO00001200 - 1-1/2" SPM VALVE NC 5K. SPM 1-1/2" NC 5K SHORT POCKET DTL P/N CS0470-1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105423	PO00001200 - 1/2" SPM VALVE NC 5K. SPM 1/2" NC 5K SHORT POCKET DTL P/N CS0420-1 PILOT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105424	PO70000717 - BRC 500 ACTUATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105425	PO00001200 - 1" SPM VALVE NC 5K. SPM 1" NC H 5K LONG POCKET DTL P/N CS1010-1 PILOT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105426	PO00001195 - D38 FM EO2-FUNCTIONAL NUT. D38 FM EO2-FUNCTIONAL NUT; PN 315 BAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105427	PO00001195 - G1-1/2A MALE HOLLOW HEX PLUG. G1-1/2A MALE HOLLOW HEX PLUG; PN 315 BAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105428	PO00001195 - G1A EO MALE STUD CONNECTOR. G1A EO MALE STUD CONNECTOR; PN 400 BAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105429	PO00002590 - HEXAGON HEAD BOLT M16 x 100. ISO 4014 HEX. HEAD BOLT - M16 x 100 MIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105430	PO00002586 - HEXAGON SOCKET HEAD CAP SCREW - METRIC M10 x 1.5 x 16	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105432	PO00002590 - HEXAGON HEAD BOLT M16 x 140	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105433	PO00002316 - O-RING ISO-3601-1 DN19 25 X 3.55	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105435	PO00001150 - NOV P/N 030964 SEAL POLYPAK 6-1/2" OD x 6" ID x 9/16" DEPTH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105436	PO00001150 - NOV P/N 030972 SEAL POLYPAK 5" OD x 4-1/2" ID x 9/16" DEPTH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105437	PO00001150 - NOV P/N 062722 SEAL POLYPAK 3-1/4" OD x 2-3/4" ID x 1/4" DEPTH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105438	PO00001150 - NOV P/N 030965 RG WIPER SEAL 6"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105439	PO00001150 - NOV P/N 030969 RG WIPER SEAL 4-1/2"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105440	PO00001150 - NOV P/N 012581 RG WIPER SEAL 3-1/4"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105441	PO00003214 - RDD SEAL SLEEVE ALTERNATIVE RETREVAL TOOL:	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105442	1091-6073 - ISO 6162-2 DN38 O-RING SIZE 47 22x3 53	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105444	PO#3163 - ROLINE Display Port Cable DP M - DP M 3m	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105445	PO70000880 - Loctite 272 High Temperature High Strength Red Threadlocker	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105446	1000-0090 - UT Transducers - Non-Magnetic Custom-Build	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105448	306-0010 - Spare RS232 Data Transfer Cable	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105449	402-0510 - Spare USB To Serial (DB-9) Adapter	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105451	1000-0105 - Min-MMX Ultrasonic Bolt Load Extensiometer	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0105452	1000-0108 - Integral Temperature Module and Temperature Sensor with 6' Cable	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105453	X-000-0010 - 3" <(>&<)> 6" 4340 Steel Calibration Bars	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105454	F-149-0001 - Instrument soft case (W/2 Straps)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105458	1000-0117 - Hex to Square Adaptor 1-3/8"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105459	1000-0118 - 4 Port Electric-To-Hydraulic Power Pack	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105460	1000-2010 - HY-4XLCT Low Clearance Tool Head	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105461	1091-6196 - Flange Blind Norsok L005 22IN CL2500 IX22	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105467	1091-1125 - Load Ring Rud VLBG 2.5T M20 H30 C/W Nut <(>&<)> Washer	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105468	1000-1015 - Load Ring Rud VLBG 2.5T M20 H20 C/W Nut <(>&<)> Washer	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105472	1082-4006 - Clamp - RH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105473	1082-4005 - Clamp - LH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105474	1082-4008 - Push Rod	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105475	1082-4009 - Split Cotter Pin	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105476	1091-2146 - 4.0cm Flexible Tamper-Proof Ring	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105479	1000-0088 - Green Pin H-Shackle 25 T (GPGHMB45)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105480	PO70000834 - Grease Gun C/W Hose And Giant Grease Button Coupler	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105483	PO70000860 - Manual Tensioner	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105484	PO70000860 - Manual Sealer	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105488	8001-0236 - NOV Riser Seal Sub Assembly	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105489	8001-0402 - NOV Riser Bolts	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105494	8001-1135 - BSTR Line Box End Test Cap	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105496	8001-1137 - HYD Line Box End Test Cap	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105497	1000-0454 - 3/8" Quick Disconnect Coupler JIC-6 Male 10K PSI SS FKM Seals	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105498	1000-0455 - 3/8" Quick Disconnect Self Sealing Adaptor JIC-6 Male 10K PSI SS FKM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105499	1000-0456 - Snap-Tite H Series 1/4" Valve Coupler W/Buna N Seal 1/4" FNPTF SS316	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105500	1000-0457 - Snap-Tite H Series 1/4" Valve Nipple W/Buna N Seal 1/4" FNPTF SS316 MAWP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105502	1000-0458 - Snap-Tite 72 Series 3/8" Valve Coupler W/Buna N Seal 3/8" FNPTF SS316	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105503	1000-0460 - Snap-Tite H Series 3/8" Valve Coupler W/Buna N Seal 3/8" FNPTF SS316	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105504	1000-0461 - Snap-Tite H Series 3/8" Valve Nipple W/Buna N Seal 3/8" FNPTF SS316 MAWP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105506	1091-8223 - 1-1/2" BSPP Filter Plug SS316	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105507	PO00004664 - 1" Hylok Check Valves SS316	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105508	1000-0532 - 1-1/2" BSPP x 1" NPT Adaptor SS316	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105510	1000-0533 - 1" BSPP x 1" NPT Adaptor SS316	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105511	8001-0487 - CK Pin Protector (Hayer Ref: 1406-0386)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105512	8001-0488 - CK Box Protector (Hayer Ref: 1406-0387)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105513	8001-0489 - BSTR Pin Protector (Hayer Ref: 1406-0384)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105514	8001-0490 - BSTR Box Protector (Hayer Ref: 1406-0385)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105515	8001-0491 - HYD Pin Protector (Hayer Ref: 1406-0382)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105516	8001-0492 - HYD Box Protector (Hayer Ref: 1406-0383)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105518	PO00005364 - Basic Data text	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105519	PO00005364 - SS316 3/8" BSPP Ball Valve 1000 psi WP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105528	PO00004595 - Burkert Type 8650 Valve Island (12)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105529	PO00004595 - Burkert Type 8650 Valve Island (16)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105530	PO#3163 - C20 Male Straight Cable Mount IEC Connector	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105531	PO#3163 - C19 Female Straight Cable Mount IEC Connector,	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105532	PO70000823 - Torque Tool Moment Arm	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105533	PO70000823 - Torque Tool Locking Pin	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105534	PO00001184 - Metric Heavy Hex Structural Bolt M24 x 3 x 270 (W. Split Hole)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105535	PO70000805 - Split Pin, 5 x 36, ISO 1234-5 x 36, SS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105536	PO00001184 - Metric Heavy Hex Structural Bolt M20 x 2.5 x 200 (W. Split Hole)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105537	PO70000805 - Hex Head Screw, M12 x 80 LG, ISO 4017	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0105538	PO70000805 - Hex Nut, M12, ISO 4033/ANSI B18.2.4.1M-M12 x 1.75	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105539	PO00001129 - Needle Valve Model NFDD-LGN/AP. Stainless Steel Fully Adjustable Needle	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105540	1091-6071 - G1-1/2A Adjustable Swivel Elbow. G1-1/2A EO Assembled Adjustable Swivel	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105541	1091-6928 - D08 FM EO2-Functional Nut. D08 FM EO2-Functional Nut; PN 315 Bar	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105542	1091-6923 - G1/4A EO Male Stud Connector. G1/A4 EO Male Stud Connector; PN 630 Bar	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105556	PO# 3163 - Connector Power Plug/Socket IEC 3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105557	PO# 3163 - Double Arm Articulating TV Bracket	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105558	PO# 3163 - Screw Machine Kit Slotted Panhead,c/	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105559	PO# 3163 - Cable Gland Round Top Nickel Plated. M16	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105560	PO# 3163 - Connector Multipole Rectangular D Solder Shielded. Amplimite HD-20 D-Sub	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105561	PO# 3163 - Power Supply Switch	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105562	PO# 3163 - Connector Power Plug Moulded BS1363/A,2m	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105563	PO# 3163 - Thomas <(>&<) Betts TYB23MX-RS Non-Releasable	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105564	PO# 3163 - Thomas <(>&<) Betts Non-Releasable Cable Tie Black	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105565	PO# 3163 - Thomas <(>&<) betts TY28MX Non-Releasable Cable	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105566	PO# 3163 - Thomas <(>&<) Betts P-24-175-0-L Non-Releasable	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105567	PO# 3163 - Antex Electronics Soldering iron Kit for Use With	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105568	PO# 3163 - Knipex Steel Plier Set of 6 Pieces	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105570	PO# 3163 - Kit Tester LAN Cable Verifier MicroScanner2 Accessories	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105571	PO00001224 - Techlok SealRing Size 54 Inconel Alloy 718 Vector P/N: R054606A2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105574	1091-6071 - 1-1/2 IN Sae Split Flange Halve. 1-1/2 IN SAE J518 Dcode 62/ISO 6162-2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105575	PO00001150 - Nov P/N 030964 Seal Polypak 6-1/2" OD x 6" ID x 9/16" Depth	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105576	PO00001150 - Nov P/N 030972 Seal Polypak 5" OD x 4-1/2" ID x 9/16" Depth	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105577	PO70000836 - Nov P/n 031347 Seal Polypak for Seal Sub Riser FT-G	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105578	PO70000831 - Hoses Without Pressure Test	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105579	1082-0011 - 6XTension Bolts (1082-0011) 31.08kg	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105580	D125 - 1 Vv Seat Puller Asbly with handle for insta??	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105581	6ES7952-1KK00-0AA0 - Siemens Memory Card 5v Hash 1 Mega Byte 16 b17	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105586	PO70000745 - 3P 50VA 440VAC 60Hz Transformer	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105587	PO70000745 - 100VA 400VAC/230VAC 60Hz Transformer	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105588	PO# 2903 - Pneumatic Solenoid 1/4" 3/2 Way Valve 150# (XXV-547 XXV-594 XXV-597)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105591	PO# 1832 - Power Supply RS-15-5 SMPS 5V 3.0A 15W	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105592	PO# 1832 - Connector Female Multipole Rectangular D Solder Shielded Receptacle Kit	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105593	PO# 3163 - Connector Male Multipole Rectangular D Solder Shielded Receptacle Kit 9	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105594	PO# 1832 - Blk Re-wireable Straight Plug C14 10A 250Vac	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105595	PO# 1832 - Wht Re-wireable Straight Plug C14 10A 250Vac	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105596	PO# 1832 - Blk Re-wireable Straight Socket C13 10A 250Vac	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105597	PO# 1832 - Wht Re-wireable Straight Plug C13 10A 250Vac	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105598	PO# 1832 - Orange Resilient Rubber Mains Plug 13A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105599	PO# 1832 - Breaker 250V-4A 106-P30 Series Subminiature CDE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105600	PO# 1832 - 5mm x 20mm Glass Body Fast-Blo Fuse - 1A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105601	PO# 3163 - Power Cord UK BS1363 One End 6m	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105605	PO# 3163 - Fluke 424D Laser Distance Meter	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105606	PO# 3163 - Displayport Male to Male Cable 5m	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105607	PO# 3163 - Displayport Male to Male Cable 1m	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105608	USB2AAEXT15M 15m Active USB 2.0 Extension Cable	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105609	PO# 3163 - USB Extension Cable Assembly 3m	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105610	PO# 3163 - Connector Power Moulded 2m Lead IEC Bare. C19	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105612	1091-6938 - G1/4A EO Assembled Adjustable Swivel Branch Tee.G1/4A EO Assembled	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105613	1091-6943 - D12 EO2 Functional Nut. D20 EO2 Functional Nut; PN 630 Bar	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105614	PO00002590 - Hexagon Head Bolt, M16 x 120. ISO 4014 Hex. Head Bolt - M16 x 120, Min	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0105615	PO00002590 - Hexagon Head Bolt, M16 x 120. ISO 4014 Hex. Head Bolt - M16 x 190, Min	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105616	1091-6038 - Metric Heavy Hex Nut, M30 x 3.5	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105618	PO00001597 - Forged Socket Head Cap Screw-Metric	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105619	1091-6135 - Hexagon Head Screw M16 x 130	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105621	PO00001407 - Flowspool Gooseneck Latch Flanged Nut	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105622	PO00002311 - Adapter Bushing M24 (Male) x M16 (Female)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105624	PO00001184 - ISO 4017/ASME B18.2.3.1M Hexagon Head Screw - M12 x 45	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105626	PO70000827 - Ring For Seal Sleeve (MPO P/N : 1082-0352)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105627	PO70000827 - Bolt For Seal Sleeve (MPO P/N : 1082-0353)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105628	PO70000827 - Spacer for Seal Sleeve Ring (MPO P/N : 1082-0355)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105630	PO70000832 - Flowspool Male Tube Protector Pin Spanner - Base	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105631	PO70000835 - Flange Blind API 1-13/16" 10M BX151	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105632	PO70000828 - Gas Valve SS 5K PSI 1/2-20 UNF	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105634	PO70000745 - 230 VAC 60HZ Block Contactor	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105635	PO70000745 - 3P 440 VAC Soft Starter	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105636	PO70000745 - 3P 440 VAC 100HP Isolator	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105637	PO70000745 - 3P 440 VAC 2HP Isolator	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105638	PO70000745 - 2A Fuse with Holder	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105743	WINDOW FRAME A	BA0118639	FIXED WINDOW 1506x1555mm, 34mm BALLISTIC GLASS
BA0105757	BASELEMENT FOR PHOENIX CIRCUIT BREAKER	BA0118795	BASE ELEMENT
BA0105760	RADIAL EDUCTOR RE2 (2") FNPT NEW STYLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105781	WINDOW A GLASS	BA0118639	FIXED WINDOW 1506x1555mm, 34mm BALLISTIC GLASS
BA0105821	INTEL SSD S3700 SERIES 400GB SATA 6GB/S HET MLC 2.5" 7.0MM 25NM W/BLACK	BA0121857	SSD DISK, INTEL S4610 480GB SATA IN HOT SWAP TRAY
BA0105856	CABLE GLAND BRASS ATEX AND IECEX Ø9.0-14.3mm	BA0042164	GLAND M20 EXE BRASS Ø10,0-14,3MM
BA0105857	CABLE GLAND BRASS ATEX AND IECEX Ø5.0-9.1mm	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105858	CABLE GLAND BRASS ATEX AND IECEX Ø6.0-10.0mm	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105859	CABLE GLAND BRASS ATEX AND IECEX Ø13.0-17.0mm	BA0042163	GLAND M25 EXE BRASS Ø13,0-20,2MM
BA0105867	ANALOG EX-TACHO	BA0051407	TACO GENERATOR EX
BA0105918	UMBILICAL LOOP CABLE FOR COMPACT LOOP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0105919	UMBILICAL LOOP CABLE FOR COMPACT LOOP	BA0087982	UMBILICAL LOOP CABLE FOR COMPACT LOOP
BA0105920	UMBILICAL LOOP CABLE FOR COMPACT LOOP	BA0087982	UMBILICAL LOOP CABLE FOR COMPACT LOOP
BA0105921	UMBILICAL LOOP CABLE FOR COMPACT LOOP	BA0087982	UMBILICAL LOOP CABLE FOR COMPACT LOOP
BA0105983	64209396 POWER SUPPLY	BA0048832	POWER SUPPLY
BA0105988	64522787 POWER RESISTOR	BA0055313	POWER RESISTOR
BA0105990	64610805 PULSE ENCODER INT	BA0055339	PULSE ENCODER INT
BA0105991	64410539 EL. CAPACITOR	BA0055319	EL. CAPACITOR
BA0105992	64435001 CAPACITOR	BA0055317	CAPACITOR
BA0105994	64650424 FAN	BA0055326	FAN
BA0105995	64698401 FAST CONNECTOR	BA0064243	FAST CONNECTOR
BA0106003	WATER METER FRESHWATER GENERATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0106032	CABLE GLAND BRASS ATEX AND IECEX Ø40.0-44.5mm	BA0042167	GLAND M50 EXE BRASS Ø31,5-44,4MM
BA0106042	CONTACTOR	BA0121276	CONTACTOR
BA0106137	HEX NUT FINE LEFT THREAD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0106138	HEX NUT FINE THREAD	BA0041945	HEX NUT, FINE THREAD
BA0106173	1U SUPERMICRO, RDPC, SUPERSERVER 5017R-MTRF	BA0119329	1U SUPERMICRO, RDPC, SUPERSERVER 5019P-MTR
BA0106177	CABLE GLAND BRASS ATEX AND IECEX Ø29.0-35.0mm	BA0106958	GLAND M50 EXE BRASS Ø27,5-34,8MM
BA0106178	CABLE GLAND BRASS ATEX AND IECEX Ø20.0-26.5mm	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0106242	END COVER FOR PT 4	BA0088902	END COVER LENGTH: 56 MM WIDTH: 2.2 MM HEIGHT: 36.5 MM COLOR: GRAY
BA0106243	CABLE GLAND BRASS ATEX AND IECEX Ø35.0-41.0mm	BA0042167	GLAND M50 EXE BRASS Ø31,5-44,4MM
BA0106244	CABLE GLAND BRASS ATEX AND IECEX Ø18.0-23.0mm	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0106245	CABLE GLAND BRASS ATEX AND IECEX Ø32.0-38.5mm	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0106255	ADSORBER DUO PLEX V 40-W-ME KIT W/VALVES, PIPING/CLAMPS	BA0116958	ADSORBER KIT COMPLETE, COVERS ALL TOP DRIVES
BA0106288	MH 5408150 LIFTING SLING MBL 410kN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0106289	MH 5408150 ADDITIONAL SLING 410kN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0106290	20751000042 ROTEX LAMELLA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0106311	LOUDSPEAKER FOR MATRIX MXC-6300 CHAIR CLIENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0106315	FLANGE, INSERT CONE	BA0150168	FLANGE, INSERT CONE
BA0106376	PLUG IN BRIDGE FOR PHOENIX CIRCUIT BREAKER 2 POLE	BA0096113	PLUG-IN BRIDGE NUMBER OF POSITIONS: 20 COLOR: RED
BA0106465	DRILLVIEW SERVER 400GB	BA0120364	DRILLVIEW SERVER 480GB
BA0106488	VEGABAR 52 PRESSURE INDICATING TRANSMITTER 0-2,5bar	BA0121331	VEGABAR 82 PRESSURE INDICATING TRANSMITTER 0-2,5bar ATEX
BA0106612	SPARE PART XTO2A-FESLPAF FIBER-OPTIC CARD LOW PROFILE	BA0094773	FIBER ADAPTER CARD FOR MATROX EXTIO F2408
BA01066389	VEGABOX 03, PLASTIC, IECEX	BA0106646	JUNCTION BOX FOR VEGAWELL 52, PLASTIC HOUSING, IECEX
BA0106676	TE118 - SCREW FOR MOUNTING TE21B500 TO T-82 TANK CLEANING MACHINE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0106677	TE21B500 - 1½" BSP CONNECTION FOR T-82 TANK CLEANING MACHINE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0106725-01	SOLENOID FOR PNEUMATIC 3/2 DIR. VALVE w/3m CABLE 3G1,0	BA0106725	SOLENOID FOR PNEUMATIC 3/2 DIR. VALVE w/3m CABLE 3G1,0
BA0106747	SLOTTED ROUND NUTS	BA0010268	LOCK NUT
BA0106748	LOCK WASHER	BA0010240	LOCK WASHER
BA0106803	SAFETY BRACKET DOME CAMERA	BA0110171	SAFETY BRACKET FOR CCTV DOME CAMERA
BA0106898	CONNECTOR, TEST COUPLING	BA0124239	CONNECTOR, TEST COUPLING
BA0106952	GLAND M25 EXE BRASS Ø9,5-15,4MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0106953	GLAND M40 EXE BRASS Ø22,0-28,0MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0106954	GLAND M32 EXE BRASS Ø15,5-21,2MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0106955	GLAND M16 EXE BRASS Ø3,2-8,0MM	BA0173522	GLAND M16 EXE NICKEL PLATED Ø3,5-8,0MM
BA0106956	GLAND M20 EXE BRASS Ø3,0-8,0MM	BA0173523	GLAND M20 EXE NICKEL PLATED Ø3,5-8,0MM
BA0106957	GLAND M20 EXE BRASS Ø9,0-13,4MM	BA0173525	GLAND M20 EXE NICKEL PLATED Ø9,0-16,0MM
BA0106958	GLAND M50 EXE BRASS Ø27,5-34,8MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0107016	SOCKET CAP SCREW LOW HEAD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0107028	SUPPLY SOLENOID VALVE	BA0089063	PARK AIR WASHER SOLENOID VALVE
BA0107059	COUNTERSUNK SCREW	BA0039769	COUNTERSUNK SCREW
BA0107069	LOCK PLATE	BA0113550	LOCK PLATE
BA0107071	TP177B 6", 6AV6642-0BA01-1AX1	BA0084715	SIMATIC TP177B 6" PN/DP STN 265 COLOUR DISPLAY
BA0107135	SEAGATE HARD DISC WITH CONVERSION KIT 2,5"/3,5"	BA0121856	HARDDISK, SEAGATE 2,5" 600GB SAS IN HOT SWAP TRAY
BA0107158	STUD BOLT C/W 4 NUTS <(>&<)> 2 WASHERS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0107275	PRESS.TRANSMITTER W/20 MTR.CABLE 250 BAR	BA0115855	PRESS. TRANSMITTER W/20 MTR. CABLE
BA0107306	3 GRIP TONG MECH	BA5301330	3 GRIP TORQUE WRENCH
BA0107307	3 GRIP HD TONG MECH	BA5402270	3 GRIP HD TONG MECH
BA0107316	CIRCUIT BREAKER	BA0025569	CIRCUIT BREAKER
BA0107319	2 GRIP TONG MECH	BA5286029	2 GRIP TONG MECH
BA0107353	SET OF CAP JOINT,CLAMPSCREW JOINT,2X GUIDE FLANGE JOINTS, VITON O-RING	BA0065861	Soft Goods Kit for PSV 2"x3"3511
BA0107359	SPARE PART KIT FOR FLENDER MOTOR COUPLING	BA0020663	BUFFERS AND BOLTS FOR COUPLING
BA0107364	MH 1147212	BA1147212	DFMA AXIAL TILT BRACKET
BA0107365	6TB, SAS, HELIUM HARD DRIVE W/TRAY	BA0121858	HARDDISK, HGST 3,5" 6TB SAS
BA0107485	WASHER CARBON STEEL	BA0072813	WASHER
BA0107626	CONNECTOR, TEST COUPLING	BA0151359	CONNECTOR, TEST COUPLING
BA0107628	389 Breathe Drain & Locknut M25	BA0106783	DRAIN PLUG FOR HAWKE M25
BA0107662	COMPRESSOR	BA0111069	COMPRESSOR 440V 60HZ R134A
BA0107750	DAMPER MOTOR ACTUATOR	BA0106425	QUARTER TURN ACTUATOR ON-OFF / 3-POS 15 Nm 24..230VAC/DC
BA0107810	FAN MOTOR MCB, C2A-2P	BA0091911	CIRCUIT BREAKER 2P/C2A EExd
BA0107813	ON/OFF PUSH BOTTOM FAN HEATER	BA0089632	SWITCH MODULE
BA0107818	BG-1600 13-16MM	BA0011919	WIRE ROPE GRIP POWERTEX
BA0107853	NOZZLE FOR HIGH PRESSURE	BA0086985	FLAT SPRAY NOZZLE 1/4" – SPRAY ANGLE 65o - SS316, SPRAY TIP <(>&<)> BODY
BA0107860	BELL HOUSING FOR 315/PARKER PV270	BA0055555	BELL HOUSING

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0107998	CABLE GLAND BRASS ATEX AND IECEX Ø9,0-14,3MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0107999	CABLE GLAND BRASS ATEX AND IECEX Ø9,0-14,3MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108002	1000-0052 - SINGLE PRESSURE & TEMPERATURE SENSOR, API 2 1/16" 10K FLANGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108003	1000-0053 - HEXAGON FIT SCREW DIN 609 - M16 X 50-24	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108005	1000-0057 - SEAL SUB, 6" NOMINAL (5.50" BORE)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108007	1000-0061 - HEXAGON HEAD SCREWS, ISO 4017 - M16 X 180	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108010	1000-0068 - CS-230 O-RING, 63.09 ID X 3.53 CS NBR, SHORE A 90	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108014	1000-0082 - DOUBLE END STUDS - BM = 1.25 D	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108016	1000-0084 - HEXAGON SOCKET HEAD CAP SCREW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108017	1000-0085 - HEXAGON NUTS, ISO 4032 - M56 X5.5 PITCH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108019	1000-0095 - HEXAGON NUTS, ISO 4032 - M45X4.5 PITCH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108022	1000-0101 - WLL 25T SHACKLE PIN. DIA 42MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108023	1000-0124 - M4 X 16 HEXAGON SOCKET HEAD SCREW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108025	1000-0127 - ACCUMULATOR BLADDER KIT ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108028	1000-0143 - ISO 2341 - B - 6 X 24 CLEVIS PIN WITH HEAD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108030	1000-0147 - FORGED SOCKET HEAD CAP SCREW, M8X1.25 X 16	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108031	1000-0150 - ISO METRIC PRECISION HEXAGON , M10 X 40	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108032	1000-0151 - ISO METRIC PRECISION HEXAGON , M10 X 80	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108033	1000-0152 - ISO METRIC PRECISION HEXAGON , M10 X 25	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108034	1000-0160 - FORGED SOCKET HEAD CAP SCREW - M4X0.7 X 12	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108035	1000-0164 - FORGED SOCKET HEAD CAP SCREW - M8X1.25 X 25	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108036	1000-0176 - FORGED SOCKET WELDED FITTING MODIFIED, 45 DEG ELBOW - CLASS 6000	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108039	1000-0190 - HEXAGON HEAD BOLT - M30 X 260	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108040	1000-0191 - EO SAE STRAIGHT FLANGE ADAPTER AS68/60.3X10S	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108041	1000-0201 - 1-1/4 SAE CLOSED FLANGE PCFF65	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108042	1000-0202 - 1-1/2 SAE CLOSED FLANGE PCFF66S	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108043	1000-0210 - EO SAE STRAIGHT 4 BOLT FLANGE WITH BSPP THREAD PFF65GSS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108044	1000-0211 - HEXAGON SOCKET HEAD, M12 X 40	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108045	1000-0212 - G3/4" A ADJUSTABLE SWIVEL BRANCH TEE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108046	1000-0213 - G1/2" A -G3/4" A REDUCER/EXPANDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108047	1000-0215 - G3/4" A X G1" A EO REDUCER/EXPANDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108049	1000-0217 - WROUGHT BUTTWELDING FITTING - CAP .INCH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108052	1000-0230 - METRIC HEAVY HEX BOLT, M16 X 2 X 70	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108058	1000-0255 - MALE STUD CONNECTOR GE20-R-1/2ED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108059	1000-0256 - MALE STUD CONNECTOR GE20-R-1ED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108063	1000-0278 - R1X3/8, EO-THREAD REDUCER/EXPANDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108065	1000-0287 - ET-R-ED EO-ASSEMBLED ADJUSTABLE SWIVEL BRANCH TEE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108066	1000-0289 - G1/2"- EO2 12 MALE STUD CONNECTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108070	1000-0295 - STRAIGHT REDUCER, GR25/12ZS, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108071	1000-0296 - STRAIGHT REDUCER, GR12/08ZS, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108073	1000-0302 - NORSOK L005 IX SEAL RING NPS2 DN50	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108076	1000-0307 - EO SAE STRAIGHT FLANGE ADAPTER AS68/60.3X10S	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108077	1000-0308 - METRIC HEAVY HEX SCREW, M20X2.5 X 50	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108079	1000-0311 - METRIC HEAVY HEX NUT, M20 X 2.5, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108084	1000-0329 - FORGED SOCKET HEAD CAP SCREW - METRIC M16X2 X 50	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108085	1000-0330 - FORGED SOCKET HEAD CAP SCREW - METRIC M16X2 X 120	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108087	1000-0335 - HEAVY HEX BOLT - METRIC M20 X 2.5 X 60	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108088	1000-0336 - HEAVY HEX SCREW - METRIC M20X2.5 X 60	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108089	1000-0338 - HEAVY HEX BOLT - METRIC M20 X 2.5 X 120	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108093	1000-0343 - FORGED SOCKET HEAD CAP SCREW, M16 X 2 X 168, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108094	1000-0344 - HEAVY DUTY WELD-ON BUTT HINGE - FEMALE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0108095	1000-0345 - HEAVY DUTY WELD-ON BUTT HINGE - MALE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108098	1000-0350 - SOCKET HEAD CAP SCREW, M10X1.5 X 50, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108099	1000-0352 - HEXAGON HEAD SCREW, M10 X 65, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108100	1000-0353 - HEXAGON HEAD SCREW, M10 X 80, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108101	1000-0354 - SOCKET HEAD CAP SCREW, M12X1.75 X 80, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108103	1000-0358 - HEXAGON HEAD BOLT - PRODUCT GRADES A AND B	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108105	1000-0360 - HEXAGON HEAD BOLT - PRODUCT GRADES A AND B	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108108	1000-0367 - HEAVY HEX STRUCTURAL BOLT, 1 1/2-8 UN X 4.25 IN, MIN. THREAD LG. = 2.25 IN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108110	1000-0371 - VLBG LOAD RING, BOLTED - M24 X LG 37 - 4 T	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108111	1000-0374 - HEAVY HEX STRUCTURAL BOLT, 1 1/2-8 UN X 5.00 IN, MIN. THREAD LG. = 3.00 IN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108118	1000-0397 - MINI -CON CABLE CONNECTOR RECEPTACLE MINM4-CCRL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108119	1000-0399 - ELECTRICAL CABLE - 2 METERS LENGTH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108120	1000-0400 - LIFTING SLING, MBL = 110,000 KG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108121	1000-0401 - LIFTING SLING, MBL = 200,000 KG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108125	1000-0406 - RECESSED BUTTON HANDLE BALL LOCK PIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108126	1000-0407 - LOCK WASHER M72 (STAINLESS STEEL)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108127	1000-0409 - HEAVY HEX NUT M30 ASME B18.2.6M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108129	1000-0412 - HEAVY HEX STRUCTURAL BOLT - UNC (REGULAR THREAD - INCH)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108132	1000-0415 - HEAVY HEX NUT M36 ASME B18.2.6M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108133	1000-0416 - SPLIT PIN ISO 1234 SIZE 8X50	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108134	1000-0417 - HEAVY HEX STRUCTURAL BOLT - UNC (REGULAR THREAD - INCH)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108136	1000-0419 - HEX NUTS (INCH SERIES) HEAVY HEX NUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108137	1000-0423 - GREEN PIN HEAVY DUTY 120 T (HDGPHM0120)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108138	1000-0427 - HEAVY HEX NUT , ANSI B18.2.2 , 2 3/4 - 8 UN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108139	1000-0428 - HEXAGON SOCKET COUNTERSUNK HEAD SCREW-1 - PRODUCT GRADE A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108140	1000-0450 - ANTI COLLISION L STRIP LINING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108141	1000-0451 - METRIC HEAVY HEX. NUT, M36 X 4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108145	1000-0464 - 1/4" NB 600 BAR WP HYDRAULIC HOSE (2760 BAR MIN BURST PRESSURE) - 2 METER LENGTH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108147	1000-0466 - 1" NB 345 BAR WP HYDRAULIC HOSE (1300 BAR MIN BURST PRESSURE) - 2 METER LENGTH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108148	1000-0468 - OPTI-CON CABLE CONNECTOR RECEPTACLE OPT-M-8-CCR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108149	1000-0470 - FIBRE OPTIC CABLE - 2 METERS LENGTH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108155	1000-0487 - MINICON BULKHEAD CONNECTOR RECEPTACLE MINM-BCR-DO	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108156	1000-0488 - OPTI-CON BULKHEAD CONNECTOR RECEPTACLE OPT-M-8-BCR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108157	1000-0491 - SOCKET HEAD CAP SCREW - METRIC, M10X1.5 X 50 , FULLY THREADED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108159	1000-0497 - NORD-LOCK X-SERIES WASHER, STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108161	1000-0499 - ASME B18.2.1 HEAVY HEX BOLT, 2"- 8UN X 7" LG.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108162	1000-0503 - HEAVY HEX BOLT, 1-1/2"- 8UN X 4-3/8" LG.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108165	1000-0512 - FORGED SOCKET HEAD CAP SCREW - M6 X 1 X 35	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108166	1000-0514 - BAND-FAST™ CLAMP 600MM LONG X 31.8MM WIDE X 0.8MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108167	1000-0515 - EO BLANKING PLUG FOR G1/2 PORT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108168	1000-0516 - G1/4 BSPP EO BLANKING PLUG FOR PORTS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108169	1000-0518 - D12 STAINLESS STEEL UNION EO 24 CONE END WITH FUNCTIONAL NUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108170	1000-0519 - D12 STAINLESS STEEL UNION ELBOW EO24 VONE END WITH FUNCTIONAL NUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108171	1000-0520 - D12 STAINLESS STEEL BANKING PLUG FOR TUBE ENDS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108172	1000-0521 - D38 STAINLESS STEEL UNION ELBOW EO24 VONE END WITH FUNCTIONAL NUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108173	1000-0522 - D38 STAINLESS STEEL UNION EO 24 CONE END WITH FUNCTIONAL NUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108174	1000-0523 - D38 STAINLESS STEEL BANKING PLUG FOR TUBE ENDS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108175	1000-0524 - D16 STAINLESS STEEL UNION EO 24 CONE END WITH FUNCTIONAL NUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108176	1000-0525 - D16 STAINLESS STEEL UNION ELBOW EO24 VONE END WITH FUNCTIONAL NUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108177	1000-0526 - D38 STAINLESS STEEL BANKING PLUG FOR TUBE ENDS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108178	1000-0527 - STAINLESS STEEL DN 38 TO DN 16 EO 24 DKO SWIVEL / EO 24 CONE END WITH FUNCTIONAL NUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0108179	1000-0528 - EO2 D12S X JIC-6 SS316 ADAPTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108180	1000-0530 - EO2 D38S X JIC-20 SS316 ADAPTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108183	1000-0534 - 1" JIC (M) X 1" JIC (M) NIPPLE, SS316	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108184	1000-0535 - 1" JIC (M) X 3/4" JIC (M) NIPPLE, SS316	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108185	1000-0536 - 1" JIC (M) X 1" JIC (M) BULKHEAD UNION, SS316	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108186	1000-0537 - 1-1/4" JIC (M) X 1-1/4" JIC (M) BULKHEAD UNION, SS316	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108187	1000-0538 - 1-1/4" JIC (F) X 1-1/4" JIC (M), 45 DEG ELBOW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108188	1000-0539 - 1 IN NPT 2-WAY BALL VALVE STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108189	1000-0540 - 3/8 IN NPT 2-WAY BALL VALVE STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108191	1000-0542 - ADAPTOR, JIC-6 FEMALE X EO2 TUBE CONNECTION F/ D12MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108192	1000-0555 - EO NON RETURN VALVE WITH G1A MALE BSPP X 25 TUBING, NBR SEAL, 2 BAR CRACKING PRESSURE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108195	1000-0580 - BAND FAST CLAMP 1.25" X 0.031" X 35"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108196	1000-0581 - BAND FAST CLAMP 1.25" X 0.031" X 50"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108197	1000-0582 - SOCKET HEAD CAP SCREW 1" X 5" LG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108203	1000-1086 - HOSE 2380N?04V91 (HOSE 1/4", WP690BAR) BOTH END BSP FEMALE SWIVEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108205	1000-0286 - EO STRAIGHT REDUCER GR38/14ZS71	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108207	1000-2154 - METRIC HEAVY HEX BOLT - M20 X 130	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108208	1000-2171 - HEXAGON HEAD BOLT, M16 X 220	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108209	1000-2172 - HEXAGON HEAD BOLT, M16 X 110	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108210	1000-2176 - HEXAGON HEAD BOLT, M16 X 150	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108212	1000-2194 - G3/8-MALE STUD CONNECTOR F/ 14 MM TUBE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108213	1000-2196 - EL-R-ED EO-ASSEMBLED ADJUSTABLE SWIVEL RUN TEE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108216	1000-2225 - ALL-STAINLESS PILOT-TO-OPEN CHECK VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108218	1000-5045 - FORGED SOCKET HEAD CAP SCREW - M6X1 X 12	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108220	1000-6047 - PRECISION HEXAGON BOLTS AND SCREWS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108221	1000-6050 - STUD, 1-1/2-8 UNC, LG: 215 MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108222	1000-6051 - LOCK WASHER M39 (STAINLESS STEEL)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108223	1000-6052 - HEX NUTS (INCH SERIES) HEAVY HEX NUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108224	1000-6053 - STUD, 1-1/2-8 UNC, LG: 420 MM MIN LENGTH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108226	1000-6084 - SPHERICAL HEAVY HEX NUT 1/2 INCH - 13UNC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108228	1000-6136 - HEXAGON HEAD SCREW, M16 X 150, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108229	1000-6159 - HEXAGON HEAD SCREW, M16 X 90, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108230	1000-6201 - ISO 8734 B / JIS B 1355, DOWEL PIN, DIA. 6 X 20	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108231	1000-6215 - 3-1/4" WLL 120T DEE SHACKLE SUB COMPONENT, PIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108232	1000-6216 - 3-1/4" WLL 120T DEE SHACKLE SUB COMPONENT, NUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108233	1000-6217 - 3-1/4" WLL 120T DEE SHACKLE SUB COMPONENT, LOCK PIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108234	1000-6218 - 3-1/4" WLL 120T DEE SHACKLE SUB COMPONENT, SHACKLE BODY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108235	1091-6224 - G3/8A EO BLANKING PLUG FOR PORTS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108237	1000-6356 - STAINLESS STEEL HEXAGON NUT M5	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108238	1000-6359 - STAINLESS STEEL HEXAGON NUT 8-32 UNC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108243	1000-6923 - G1/4A EO MALE STUD CONNECTOR W/ FUNCTIONAL NUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108245	1000-6940 - VSTI M/R-ED EO-BLANKING PLUG FOR G 1/2 PORT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108247	1000-7069 - TOMMY BAR FOR MPR5-P, 2" NRD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108248	1000-7071 - 2 METER HIGH PRESSURE HYDRAULIC HOSE C/W COUPLINGS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108252	1000-7089 - HEX HEAD SCREW ISO 4017 - M30 X 70 - 8.8	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108253	1000-7093 - 1 -3/8 X 7IN LENGTH UNC STUD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108255	1000-7095 - METRIC LIFTING EYE - M20 X 28	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108256	1000-7096 - PCCFF EO-CLOSED COUNTER FLANGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108257	1000-7097 - PCCFF EO-CLOSED COUNTER FLANGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108262	1000-8009 - NACE COMPLIANT HEXAGON HEAD SCREW, M20 X 50	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108265	1000-0020 - TECHLOK BUTT WELD HUB 8IN46R, 6.5" OD, 1" WT, WP 15000 PSI	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0108266	1000-0021 - TECHLOK BUTT WELD HUB H4IN40R, 5" OD, 0.5" WT, WP 7500 PSI	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108267	1000-0022 - TECHLOK BUTT WELD HUB 3IN23R, 2.875" OD, 0.276" WT, WP 5000 PSI	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108268	1000-0039 - FORGED SOCKET HEAD CAP SCREW, M10X1.5 X 80	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108272	1000-0047 - TECHLOK SLIMLINE CLAMP SIZE 4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108273	1000-0048 - TECHLOK BUTT WELD HUB 3IN23R, 2.875" OD, 0.276" WT, WP 5000 PSI	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108275	1082-1003 - RDD UPPER MIDDLE ANNULAR WELDMENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108276	1082-0002 - RDD, MACHINING DETAIL, LOWER MIDDLE ANNULAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108277	8000-0002 - LEFT BRACKET F/ MUX POD SHORT COVER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108278	8000-0003 - RIGHT BRACKET F/ MUX POD SHORT COVER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108280	8002-5713 - QCA LOWER ANNULAR SURGE LINE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108281	8002-5709 - UPPER ANNULAR RDD SURGE LINE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108288	8002-6808 - MINI-CON DUMMY SPLASHPROOF RECEPTACLE MINM-DSRL WITH M10 TAPPED HOLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108289	8002-6809 - OPTI-CON DUMMY SEALING RECEPTACLE OPT-M-8-DSR WITH M10 TAPPED HOLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108290	8006-0001 - FEMALE SUB, OD 4.125" X ID 3.5" HYRAULIC LINE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108291	8006-0006 - MALE SUB, OD 4.125" X ID 3.5" HYRAULIC LINE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108293	8006-0150 - ADJUSTMENT SLEEVE 6.750 OD X 4.500 ID, C/K LINES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108294	8006-0151 - ADJUSTMENT SLEEVE, 5.000 OD X 4.000 ID MUD BOOST/AUX LINE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108295	8006-0173 - SEAL RING, 6.375 ID X 7.125 OD X .625	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108296	8006-0174 - SEAL RING, 4.125 ID X 4.875 OD X 0.625	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108297	8006-0175 - SEAL RING, PISTON, 4.751 ID X5.5 OD X0.625	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108298	8006-0188 - FLANGE NUT, 3.500" LK 3.5 RISER CONNECTION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108299	8006-0189 - FLANGE BOLT, 3.500", 'LK3.5' RISER CONNECTOR, WITH 2" TALL HEX, "BECKERHEAD"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108300	8006-0190 - BOLT RETAINER, (3.500) 1/2 DEG TOP TAPER AND NO THREADS, 21" LK 3.5 RISER CONNECTION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108301	8006-0191 - PIN, DOWEL 0.750 DIA X 2.000 LG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108302	8006-0192 - PIN, ROLL WITH URETHANE INSERT, .50 OD X 2.75 LONG"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108303	8006-0193 - SEAL SUB, F/ 21" RF & LK RISER CONNECTIONS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108304	8006-0194 - SEAL RING, PISTON, 21.00 ID X 22.00 OD X .500 POLYPAK TYPE B	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108305	8006-0195 - RETAINER .250 DIA. WIRE, F/SEAL SUB 'LK 3.5 & RF', RISER CONNECTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108306	8006-1078 - TUBING 16MM FROM ACCUMULATOR TO POD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108307	1091-1005 - FLOWSPool, GOOSENECK LATCH, GOOSENECK WELDMENT DETAIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108308	1091-1010 - SUBSEA TEMPERATURE TRANSMITTER ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108309	1091-1024 - 15 GALLON HYDRAULIC ACCUMULATOR -LH (MAIN WELDMENT ASSEMBLY)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108310	1091-1034 - 15 GALLON HYDRAULIC ACCUMULATOR - RH (MAIN WELDMENT ASSEMBLY)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108311	1091-1043 - PRESSURE TRANSMITTER ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108316	1091-1155 - FLOWSPool, FLOWSPool COVER A2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108320	1091-1261 - GOOSE NECK LATCH MECHANISM, HOSE BUNDLE ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108321	1091-1351 - FLOWSPool, 15 GALLON ACCUMULATOR GALLERY PROTECTION COVER, PROTECTION COVER WELDMEN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108323	1091-1902 - 2IN PIPING PIPE SUPPORT CLAMP - TYPE A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108324	1091-1903 - 2IN PIPING PIPE SUPPORT CLAMP - TYPE B	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108325	1091-1904 - 2IN PIPING PIPE SUPPORT CLAMP - TYPE C	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108333	1091-2299 - 6" INLINE SUBSEA SWIVEL ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108345	8001-0021 - BOP SS LINE CLAMP (PROVIDED BY THE RIG)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108346	8001-0199 - 3/8 INCH JIC FITTINGS - REPRESENTATION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108347	8001-0468 - FLOWSPool BOOSTER LINE GUIDE CLAMP RUBBER - A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108348	8001-0469 - FLOWSPool BOOSTER LINE GUIDE CLAMP RUBBER - B	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108349	8001-0470 - FLOWSPool CHOKE & KILL LINE GUIDE CLAMP RUBBER - A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108350	8001-0471 - FLOWSPool CHOKE & KILL LINE GUIDE CLAMP RUBBER - B	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108351	8001-0472 - FLOWSPool HYDRAULIC LINE GUIDE CLAMP RUBBER - A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108352	8001-0473 - FLOWSPool HYDRAULIC LINE GUIDE CLAMP RUBBER - B	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108354	1000-0034 - METRIC HEAVY HEX BOLT, M20 x 2.5 x 120	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108355	1000-0037 - 4" VALVE WITH ACTUATOR FOR STATOIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0108356	1000-0038 - LOCK WASHER M16 (STAINLESS STEEL)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108358	1000-0042 - FORGED SOCKET HEAD CAP SCREW, M10x1.5 x 20, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108359	1000-0044 - ISO METRIC PRECISION HEXAGON , M10 x 135	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108360	1000-0045 - HEXAGON HEAD SCREW, M20 x 85	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108361	1000-0049 - HEAVY HEX HEAD SCREW, M20 x 50	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108362	1000-0051 - 4" VALVE/ACTUATOR ASSEMBLY STATOIL DSRM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108364	1000-0056 - FLUID SWIVEL FOR DRILLING MUD FLOWLINES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108366	1000-0065 - ATC ACTUATOR FOR 2" BALL VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108368	1000-0067 - HEXAGON HEAD BOLT, M20 x 180 LG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108369	1000-0069 - FHCS, 3/4"-10 UNC X 2.75" LG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108374	1000-0080 - HEX HEAD SCREW, M12 x 80 LG, ISO 4017	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108376	1000-0098 - ISO 6162-2 DN32 DUAL SEAL FACE SECTION O-RING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108377	1000-0099 - ISO 6162-2 DN32 DUAL SEAL PISTON SECTION O-RING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108378	1000-0103 - SCREW TYPE COUPLING F/ PANEL MOUNTING, ADAPTOR, NOM. BORE 6mm	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108379	1000-0104 - SCREW TYPE COUPLING F/ PANEL MOUNTING, COUPLING, NOM. BORE 6mm	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108386	1000-0122 - AIR DRIVEN TENSIONER PUMP INCORPORATE D RUPTURE DISC, VALVE AND ADAPTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108387	1000-0126 - FLEX LINE PROTECTOR, 12" x 25" OD BUMPER, 70D	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108388	1000-0129 - CMS 4 INCH COMPACT TRUNNION DOUBLE BALL VALVE ASSEMBLY - MAJOR REPAIR PARTS KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108389	1000-0135 - M3 x 12 HEXAGON SOCKET HEAD SCREW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108391	1000-0142 - LOCK WASHER M8 (STAINLESS STEEL)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108394	1000-0154 - M12 STAINLESS STEEL LOCK WASHER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108396	1000-0159 - CMS 4 INCH COMPACT TRUNNION DOUBLE BALL VALVE ASSEMBLY - MAJOR REPAIR PARTS - STEM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108397	1000-0163 - M5 STAINLESS STEEL LOCK WASHER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108398	1000-0170 - STAINLESS STEEL SOCKET HEAD CAP SCREW, M8 x 25	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108399	1000-0171 - ASME B36.10 NPS 4, SCH 120, BEVELS AS PER ASME B16.9, API 5L	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108400	1000-0172 - STAINLESS STEEL HEXAGON NUT, M10	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108401	1000-0173 - ASME B36.10 NPS 4, SCH 120, BEVELS AS PER ASME B16.9, API 5L	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108402	1000-0174 - STAINLESS STEEL HEXAGON HEAD SCREWS, M10 x 35	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108403	1000-0175 - STAINLESS STEEL HEXAGON HEAD SCREW, M10 x 80	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108405	1000-0179 - HEXAGON HEAD BOLT, M16 x 100	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108406	1000-0181 - STAINLESS STEEL SOCKET HEAD CAP SCREW, M8 x 16	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108408	1000-0186 - STUD, 1 1/4 - 8 UN, 2A, LG: 9 IN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108409	1000-0187 - HEXAGON HEAD BOLT, M16 x 120	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108410	1000-0188 - FHS EO-SAE SPLIT FLANGE HALVES1-1/4 SAE SPLIT FLANGE HALVES"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108411	1000-0189 - HEXAGON HEAD BOLT, M16 x 190	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108412	1000-0195 - ISO 6162-2 DN51 DUAL SEAL PISTON SECTION O-RING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108413	1000-0198 - HEAVY HEX NUT, ANSI B18.2.2 - 1 1/4 - 8 UN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108414	1000-0199 - STUD, 1 1/4 - 8 UN, 2A, LG: 5.8 IN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108415	1000-0200 - EO THREAD REDUCER/EXPANDER, G1 MALE x G3/8 FEMALE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108416	1000-0205 - TEST CAP, M76 X 3 THREAD, WITH TEST PORT 1 INCH BSP AND SC-038 O-RING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108417	1000-0207 - SEAL RING, 40R F/ 4" SLIMLINE TECHLOK CONNECTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108418	1000-0208 - SEAL RING, 46R F/ 8" SLIMLINE TECHLOK CONNECTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108420	1000-0218 - LOCK WASHER M22 (STAINLESS STEEL)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108421	1000-0219 - LOCK WASHER M24 (STAINLESS STEEL)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108422	1000-0220 - LOCK WASHER M27 (STAINLESS STEEL)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108423	1000-0221 - LOCK WASHER 1" (STAINLESS STEEL)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108424	1000-0223 - HEXAGON HEAD SCREW, M16 x 55, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108425	1000-0225 - HEXAGON HEAD SCREW, M16 x 30, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108426	1000-0226 - METRIC HEAVY HEX NUT M16 x 2, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108427	1000-0227 - METRIC HEAVY HEX BOLT, M16 x 2 x 140, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108428	1000-0231 - HEXAGON HEAD SCREW, M20 x 50, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0108429	1000-0232 - LOCK WASHER LARGE DIA. M20 (STAINLESS STEEL)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108430	1000-0233 - LOCK WASHER M20 (STAINLESS STEEL)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108431	1000-0234 - HEXAGON HEAD SCREW, M16 x 80, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108432	1000-0235 - HEXAGON NUT, M16, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108433	1000-0236 - HEXAGON HEAD SCREW, M16 x 70, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108434	1000-0238 - FORGED SOCKET HEAD CAP SCREW, M16 x 2 x 55, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108435	1000-0239 - FORGED SOCKET HEAD CAP SCREW, M12X1.75 X 45, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108436	1000-0240 - Forged Socket Head Cap Screw, M20x2.5 x 80, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108437	1000-0241 - HEXAGON HEAD SCREW - M16 x 60, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108438	1000-0242 - METRIC HEAVY HEX BOLT, M16 x 2 x 60, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108439	1000-0244 - METRIC HEAVY HEX BOLT, M16 x 2 x 70, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108440	1000-0247 - HEXAGON HEAD SCREW, M16 x 40, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108443	1000-0259 - TECHLOK HUB 8IN46R, OD 6.975", 1.238" WT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108446	1000-0262 - MPR5P TENSIONER PISTON SEAL SETS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108448	1000-0266 - METRIC SOCKET HEAD CAP SCREW, M20x2.5 x 70, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108449	1000-0267 - STAINLESS STEEL SOCKET HEAD CAP SCREW - M20x2.5 x 80	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108451	1000-0269 - TECHLOK HUB H4IN40R, OD 5.1", 0.55" WT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108453	1000-0271 - TECHLOK HUB 4IN 34R, 4.188" OD, 0.344" WT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108454	1000-0272 - TECHLOK SPL SLIMLINE CLAMP 4in	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108455	1000-0274 - NORSOK L-005 IX SEAL RING NPS22 INCONEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108456	1000-0275 - NORSOK L005 IX SEAL RING NPS6 DN150 NCF5/IX150/ INCONEL 625	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108457	1000-0276 - HEXAGON HEAD SCREW, M20x 2.5x 85, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108458	1000-0277 - HEXAGON HEAD SCREW, M20x 2.5 x 70, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108459	1000-0280 - EO-SAE STRAIGHT FLANGE ADAPTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108460	1000-0281 - WFS EO-SAE 90° ELBOW FLANGE ADAPTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108461	1000-0282 - RI11/2EDX1/2, EO-THREAD REDUCER/EXPANDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108462	1000-0284 - ISO 6162-2 DN38 DUAL SEAL FACE SECTION O-RING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108463	1000-0285 - ISO 6162-2 DN38 DUAL SEAL PISTON SECTION O-RING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108464	1000-0288 - EO SWIVEL NUT ELBOW EW12SOMD71	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108467	1000-0297 - SEAL RING SIZE 46R F/ 8" TECHLOK CONNECTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108468	1000-0298 - SEAL RING 34R F/ 3" SLIMLINE TECHLOK CONNECTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108469	1000-0299 - SEAL RING, 40R F/ 4" SLIMLINE TECHLOK CONNECTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108470	1000-0303 - HEAVY HEX NUT 1/2-13 UNC (Inch Series)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108471	1000-0304 - HEAVY HEX BOLT - Inch 1/2-13 UNC - 3 LENGTH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108472	1000-0312 - METRIC HEAVY HEX SCREW, M20x2.5 x 50, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108473	1000-0315 - NIPPLE 2" NPS WITH 7.14mm WT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108474	1000-0316 - FORGED SOCKET HEAD CAP SCREW - METRIC M48X5 X 160, MINIMUM THREAD LENGTH 108mm	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108475	1000-0317 - LOCK WASHER M48 (STAINLESS STEEL)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108476	1000-0318 - LOCK WASHER M12 (STAINLESS STEEL)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108477	1000-0320 - HEAVY HEX BOLT - METRIC M20 X 2.5 X 85	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108478	1000-0321 - HEAVY HEX BOLT - METRIC M20 X 2.5 X 130	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108479	1000-0322 - FORGED SOCKET HEAD CAP SCREW - METRIC M16X2 X 60	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108480	1000-0323 - FORGED SOCKET HEAD CAP SCREW - METRIC M16X2 X 160	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108481	1000-0324 - FORGED SOCKET HEAD CAP SCREW - METRIC M30X3.5 X 120	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108482	1000-0325 - LOCK WASHER M30 (STAINLESS STEEL)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108483	1000-0326 - FORGED SOCKET HEAD CAP SCREW - METRIC M30X3.5 X 150	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108484	1000-0328 - FORGED SOCKET HEAD CAP SCREW - METRIC M16X2 X 40	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108485	1000-0332 - HEAVY HEX BOLT - METRIC M12 X 1.75 X 50	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108486	1000-0333 - FORGED SOCKET HEAD CAP SCREW - METRIC M16X2 X 130	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108487	1000-0245 - METRIC HEAVY HEX BOLT, M16 x 2 x 55	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108488	1000-0337 - LOCK WASHER 1/2in (STAINLESS STEEL)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0108489	1000-0339 - Hexagon Socket Head Cap Screw	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108490	1000-0346 - HEAVY HEX BOLT - METRIC M20 X 2.5 X 110	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108491	1000-0349 - HEXAGON NUT, M12, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108492	1000-0351 - SOCKET HEAD CAP SCREW, M12x1.75 x 50, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108493	1000-0356 - FLANGE, BLIND API 2-1/16" 10M BX152	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108494	1000-0357 - METRIC HEAVY HEX BOLT-M20x2.5x180	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108495	1000-0363 - FORGED SOCKET HEAD CAP SCREW - METRIC M20X2.5 X 90, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108496	1000-0364 - HEXAGON NUT, M20, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108497	1000-0369 - METRIC HEAVY HEX BOLT M20 x 2.5 x 170	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108498	1000-0370 - FORGED SOCKET HEAD CAP SCREW - METRIC M16X2 X 220	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108499	1000-0373 - FORGED SOCKET HEAD CAP SCREW - METRIC M48X5 X 220	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108501	1000-0376 - HEAVY HEX NUT , ANSI B18.2.2 , INCH 2 - 8 UN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108502	1000-0377 - LOCK WASHER M52 (STAINLESS STEEL)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108503	1000-0381 - GREASE GUN C/W HOSE AND GIANT GREASE BUTTON COUPLER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108504	1000-0382 - GREASE CARTRIDGE JET LUBE EP ECF	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108505	1000-0385 - G1/4 BSPP EO BLANKING PLUG FOR PORTS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108506	1000-0390 - HEAVY HEX BOLT - INCH - ANSI B18.2.1 - 1 1/2-8x3.5	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108507	1000-0391 - LOCK WASHER M39 (STAINLESS STEEL)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108508	1000-0392 - BSB FLANGED BUSHING (ø75/ø87/ø95-8x55mm) - BRO-MAS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108509	1000-0395 - BSZ BUSHING (ø75/ø87-58mm) - BRO-MAS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108510	1000-0396 - FEMALE DUMMY ELECTRICAL CONNECTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108512	1000-0421 - STUD, 1 1/2-8 UN, LG: 185 MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108513	1000-0422 - HEAVY HEX NUT, ANSI B18.2.2, INCH 1 1/2 - 8 UN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108514	1000-0424 - FLANGE, BLIND API 3 1/16" 69.0 MPa, BX154	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108517	1000-0429 - QUICK CONNECT, 1" JIC16, MALE HALF	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108518	1000-0430 - PROTECTION CAP FOR MALE ADAPTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108520	1000-0432 - PROTECTION PLUG FOR FEMALE COUPLING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108521	1000-0433 - QUICK CONNECTOR, 1/4" BSPP, MALE HALF, R1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108522	1000-0434 - QUICK CONNECTOR, 1/4" BSPP, MALE HALF, R2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108523	1000-0435 - QUICK CONNECTOR, 1/4" BSPP, MALE HALF, R3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108524	1000-0436 - QUICK CONNECTOR, 1/4" BSPP, MALE HALF, R4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108526	1000-0438 - QUICK CONNECTOR, 1/4" BSPP, FEMALE HALF, R1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108530	1000-0448 - ASSEMBLY GROUPS, CONSISTING OF ADAPTOR BODY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108531	1000-0467 - FEMALE DUMMY OPTICAL CONNECTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108532	1000-0474 - HEAVY HEX NUT , ANSI B18.2.2 , 2 3/4 - 8 UN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108533	1000-0480 - FORGED SOCKET HEAD CAP SCREW, M20X2.5 X 86, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108534	1000-0481 - 50 LITRE BLADDER ACCUMULATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108535	1000-0484 - FORGED SOCKET HEAD CAP SCREW - METRIC M4X0.7 X 30, MINIMUM THREADED LENGTH 29 mm	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108536	1000-0485 - MINI-CON DUMMY SPLASHPROOF RECEPTACLE MINM-DSRL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108537	1000-0486 - OPTI-CON DUMMY SEALING RECEPTACLE OPT-M-8-DSR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108538	1000-0489 - ANSI B18.2.4.1 M, HEX NUT METRIC M10 x 1.5, STYLE 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108539	1000-0490 - SOCKET HEAD CAP SCREW - METRIC, M10x1.5 x 25 , FULLY THREADED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108540	1000-0492 - BAND FAST CLAMP 1.25" X 0.031" X 39"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108541	1000-0493 - BAND FAST CLAMP 1.25" X 0.031" X 78"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108542	1000-0494 - STAINLESS STEEL HEXAGON HEAD SCREWS, M10 x 20, FULLY THREADED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108543	1000-0495 - STAINLESS STEEL HEXAGON HEAD SCREWS, M10 x 25, FULLY THREADED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108544	1000-0500 - WAVE SPRING, CREST-TO-CREST W/ SHIM END, 25mm	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108547	1000-0510 - HEXAGON HEAD SCREW, M16 x 250, STAINLESS STEEL W SPLIT HOLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108548	1000-0511 - HEXAGON HEAD SCREW, M16 x 170, STAINLESS STEEL W SPLIT HOLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108549	1000-0513 - HEXAGON HEAD SCREW, M16 x 70, STAINLESS STEEL W SPLIT HOLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108550	1000-0529 - ADAPTOR, JIC-16 FEMALE X EO2 TUBE CONNECTION F/ D25MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0108552	1000-1010 - SUBSEA TEMPERATURE TRANSMITTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108554	1000-1087 - MANUAL TENSIONER - GIANT BANDING TOOL G40269	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108555	1000-1088 - CRIMPING TOOL - MANUAL SEALER - X80302	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108556	1000-2007 - 1-1/8in UN8 HVY SPHERICAL NUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108557	1000-2012 - 1-1/8in UN8 x 10-5/8in STUDBOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108558	1000-2048 - METRIC HEAVY HEX NUT, M22 x 2.5	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108559	1000-2100 - METRIC HEAVY HEX STRUCTURAL BOLT, M27x3 x 270	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108560	1000-2101 - METRIC HEAVY HEX NUT, M27 x 3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108561	1000-2102 - METRIC HEAVY HEX NUT, M24 x 3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108562	1000-2104 - METRIC HEAVY HEX STRUCTURAL BOLT, M27x3 x 170	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108563	1000-2105 - METRIC HEAVY HEX STRUCTURAL BOLT, M24x3 x 150	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108565	1000-2111 - METRIC HEAVY HEX STRUCTURAL BOLT M20 x 2.5 x 200 (W. SPLIT HOLE)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108566	1000-2115 - METRIC HEAVY HEX STRUCTURAL BOLT, M20x2.5 x 160	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108567	1000-2117 - SOCKET HEAD CAP SCREW - METRIC, M8x1.25 x 20	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108568	1000-2119 - METRIC HEAVY HEX STRUCTURAL BOLT- M24 x 3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108569	1000-2121 - METRIC HEAVY HEX STRUCTURAL BOLT M24 x 3 x 270 (W. SPLIT HOLE)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108570	1000-2129 - METRIC HEAVY HEX BOLT - M16 x 2 x 85	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108571	1000-2130 - METRIC HEX NUT, STYLE 1 - M16 x 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108572	1000-2145 - METRIC HEAVY HEX NUT M20 x 2.5	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108573	1000-2147 - METRIC HEAVY HEX STRUCTURAL BOLT- M22 x 2.5 x 160 LG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108576	1000-2179 - PILOT-TO-OPEN CHECK VALVE WITH SEALED PILOT, CKBD-XEN/AP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108577	1000-2180 - TECHLOK WN HUB, 2 IN W/ INCONEL INLAY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108578	1000-2181 - TECHLOK CLAMP, 2 INCH, STD DUTY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108580	1000-2183 - STUD, 3/4-10 UNC x 5.25 IN LENGTH FOR 2 INCH TECHLOK CLAMP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108581	1000-2184 - HEAVY HEX NUT, 3/4"-10 UNC FOR 2 INCH TECHLOK CLAMP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108584	1000-2198 - G1/2 BSPP EO BLANKING PLUG FOR PORTS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108585	1000-3018 - CORTEC SUBSEA 6" DOUBLE BALL VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108586	1000-3021 - CORTEC SUBSESA 4" BALL VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108587	1000-3022 - GROOVE NIPPLE, SZ-70 6" SCH 120, ASTM A694 GR F65	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108588	1000-3023 - GROOVE NIPPLE SZ 55 4" SCH 120, F25/ T25, ASTM A694 GR F65	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108589	1000-3024 - FORGED SOCKET HEAD CAP SCREW-METRIC M20x2.5 x 110	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108591	1000-5038 - METRIC HEAVY HEX STRUCTURAL BOLT- M20 x 2.5 x 240 LG,MINIMUM THREAD LENGTH 87mm	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108592	1000-5039 - M6 x 16 HEXAGON SOCKET HEAD SCREW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108593	1000-5040 - LOCK WASHER M6 (STAINLESS STEEL)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108594	1000-5041 - HEXAGON SOCKET HEAD CAP SCREW - METRIC, M6 x 1 x 10	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108595	1000-5043 - HEXAGON SOCKET HEAD CAP SCREW - METRIC, M10 x 1.5 x 16	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108597	1000-5046 - ET-R-ED EO-ASSEMBLED ADJUSTABLE SWIVEL BRANCH TEE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108599	1000-6038 - METRIC HEAVY HEX NUT, M30 x 3.5	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108602	1000-6071 - 1-1/2 IN SAE SPLIT FLANGE HALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108603	1000-6078 - LOCK WASHER M10 (STAINLESS STEEL)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108605	1000-6082 - HEXAGON HEAD SCREW, M16 x 80	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108606	1000-6083 - SPHERICAL FACED NUT - 1"-8UNC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108607	1000-6085 - SPHERICAL FACED NUT, 3/4"-10 UNC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108608	1000-6094 - ISO METRIC PRECISION HEXAGON , M10 x 160	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108609	1000-6096 - FORGED SOCKET HEAD CAP SCREW - M10x1.5 x 45	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108610	1000-6100 - ISO METRIC PRECISION HEXAGON NUT, M10	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108611	1000-6125 - STAINLESS STEEL HEXAGONAL NUT, STYLE2 - PRODUCT GRADES A & B	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108612	1000-6135 - HEXAGON HEAD SCREW, M16 x 130	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108613	1000-6138 - LOCK WASHER STAINLESS STEEL LARGE DIA. M16	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108618	1000-6180 - HEXAGON HEAD SCREW, M20 x 50	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108619	1000-6200 - STUD, 3/4-10 UNC, LG: 4.5 IN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0108620	1000-6202 - DOWEL PIN, DIAMETER 6 x 18mm	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108622	1000-6204 - HEXAGON SOCKET HEAD CAP SCREW, M6 x 12	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108624	1000-6206 - WALTHER SCREW TYPE COUPLING F/ PANEL MOUNTING, POST FOR WIRE OF PROTECTION CAP, M5 x 14	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108625	1000-6207 - WALTHER SCREW TYPE COUPLING F/ PANEL MOUNTING, BRACKET - HALF	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108627	1000-6225 - G1/4 BSPP EO BLANKING PLUG FOR PORTS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108628	1000-6229 - SOCKET HEAD CAP SCREW - METRIC, M10x1.5 x 25	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108633	1000-6340 - HEXAGON HEAD SCREW, M16 x 40	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108637	1000-6351 - SOCKET HEAD CAP BOLT 1" x 6" LG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108638	1000-6352 - SOCKET HEAD CAP SCREW 3/4"-10UNC x 4" LG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108639	1000-6353 - SOCKET HEAD CAP SCREW 5/8"-11UNC x 4" LG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108640	1000-6354 - SPHERICAL FACED NUT 5/8"-11UNC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108641	1000-6355 - STAINLESS STEEL SOCKET HEAD CAP SCREW M5 X 25	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108642	1000-6357 - M4 STAINLESS STEEL LOCK WASHER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108643	1000-6358 - STAINLESS STEEL SOCKET HEAD CAP SCREW 8-32 UNC X 1"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108644	1000-6563 - ET-R-ED EO-Assembled adjustable swivel branch tee	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108645	1000-6564 - EO G3/8A MALE STUD CONNECTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108646	1000-6565 - EL-R-ED EO-Assembled adjustable swivel run tee	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108647	1000-6901 - G1-1/2A ADJUSTABLE SWIVEL ELBOW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108649	1000-6904 - FEMALE SWIVEL CONNECTOR - GAI16ZSR71NBR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108652	1000-6917 - G1-1/2A MALE HOLLOW HEX PLUG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108655	1000-6933 - G3/8A ADJUSTABLE SWIVEL ELBOW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108656	1000-6934 - G3/8A EO MALE STUD CONNECTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108657	1000-6937 - G1/4A EO MALE STUD CONNECTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108659	1000-6951 - EO STRAIGHT REDUCER GR38/16ZS71	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108660	1000-6952 - EV-R-ED EO-G1-1/2A - ASSEMBLED ADJUSTABLE SWIVEL 45° ELBOW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108661	1091-6935 - G3/4A EO Male Stud connector	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108662	1000-7073 - MPR6-P HYDRAULIC TENSIONER INSERT NRD FOR 2-3/4" 8UN BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108663	1000-7074 - MPR6-P HYDRAULIC TENSIONER PULLER, 2 3/4" 8UN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108664	1091-7077 - 1METER INTERCONNECTING HOSE C/W QUICK CONNECT FITTINGS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108665	1000-7078 - ND 2 Short Radius 90 Deg Elbow	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108666	1000-7079 - ND 2 Long Radius 90 Deg Elbow	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108667	1000-7080 - ND 2 Long Radius 45 Deg Elbow	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108668	1000-7081 - OD38, ID29 Long Radius 45 Deg Elbow	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108669	1000-7082 - ND 2 Short Radius 90 Deg Elbow	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108670	1000-7083 - ND 2 Short Radius 90 Deg Elbow	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108671	1000-7084 - FORGED SOCKET HEAD CAP SCREW - METRIC M16X2 X 85	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108672	1000-7085 - HEXAGON SOCKET HEAD CAP SCREW, 5/8 - 11 UNC - LGN 3 1/4, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108673	1000-7086 - HEXAGON SOCKET HEAD CAP SCREW, 5/8 - 11 UNC - LGN 2 1/4, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108674	1000-7092 - 1/2"-14 MALE NPT HEXAGON HEAD PLUG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108676	1000-8003 - 50 LITRE BLADDER ACCUMULATOR, FACE SEAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108677	1000-8004 - 50 LITRE BLADDER ACCUMULATOR, PISTON SEAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108678	1000-8006 - LOCK WASHER M16 (SP STAINLESS STEEL)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108680	1000-0013 - QUICK CONNECT, COUPLING, 1-1/2" FEMALE, END FITTING 12MM BULKHEAD 1-5/8"-12 UN-3A JIC MALE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108681	1000-0014 - QUICK CONNECT, COUPLING, 1-1/2" MALE, END FITTING 12MM BULKHEAD 1-5/8"-12 UN-3A JIC MALE, R	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108682	1000-0015 - QUICK CONNECT, COUPLING, 1-1/2" MALE, END FITTING 12MM BULKHEAD 1-5/8"-12 UN-3A JIC MALE, R	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108683	1000-0016 - QUICK CONNECT, PARKING NIPPLE, 1-1/2" MALE, END FITTING 12MM BULKHEAD 1-5/8"-12 UN-3A JIC M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108684	1000-0017 - HEXAGON HEAD BOLT, M20 x 90	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108685	1000-0018 - MALE STUD ELBOW, ADJUSTABLE BSPP X JIC 37 FLARE END	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108686	1000-0019 - FORGED SOCKET WELDED FITTING MODIFIED, 90 DEG ELBOW - CLASS 6000	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108687	1000-0023 - TECHLOK SLIMLINE CLAMP SIZE 8	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108688	1000-0024 - TECHLOK SLIMLINE CLAMP SIZE H4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0108689	1000-0025 - TECHLOK SLIMLINE CLAMP SIZE 3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108690	1000-0027 - HEXAGON SOCKET HEAD CAP SCREW 3/4" x 3.5" LG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108691	1000-0028 - HEXAGON SOCKET HEAD CAP SCREW 1/2" X 2.75" LG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108694	1000-0032 - 37L ASME FORGED SAE F PORT TRANS BARRIER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108696	1091-0060 - Hexagon head screws, M16 x 200 LG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108697	1000-0074 - SPLIT PIN - ISO 1234 - 10 x 90	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108699	1000-0087 - SPLIT PIN, ISO 1234 - 6.3 x 50	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108704	1000-0093 - SPARE RS232 DATA TRANSFER CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108705	1000-0094 - SPARE USB TO SERIAL (DB-9) ADAPTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108706	1000-0100 - O-RING ISO-3601-1, DN19, 25 X 3.55	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108709	1000-0109 - 3" & 6" 4340 STEEL CALIBRATION BARS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108710	1000-0110 - INSTRUMENT SOFT CASE (W/ 2 STRAPS)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108712	1000-0115 - STAINLESS STEEL FULLY ADJUSTABLE NEEDLE VALVES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108717	1000-0128 - CMS 6 INCH COMPACT TRUNNION DOUBLE BALL VALVE ASSEMBLY - MAJOR REPAIR PARTS KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108718	1000-0130 - CMS 2 INCH COMPACT BALL VALVE ASSEMBLY - REPAIR PARTS KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108719	1000-0131 - CMS 6 INCH COMPACT TRUNNION DOUBLE BALL VALVE ASSEMBLY - REPAIR SEAL KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108720	1000-0132 - CMS 4 INCH COMPACT TRUNNION DOUBLE BALL VALVE ASSEMBLY - REPAIR SEAL KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108721	1000-0133 - CMS 2 INCH COMPACT BALL VALVE ASSEMBLY - REPAIR SEAL KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108722	1000-0138 - Wrought Buttwelding Fitting - Long radius 90 Deg Elbow.Inch	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108723	1000-0139 - WROUGHT BUTT WELDING FITTING - ASME B16.9 LONG RADIUS 45 DEG ELBOW 2 x 0.281	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108724	1000-0140 - MINI SUBSEA MONITOR FOR BRC 125	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108725	1000-0141 - M8 x 30 HEXAGON SOCKET HEAD SCREW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108726	1000-0144 - ISO 1234 - 1.6 x 12 SPLIT PIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108727	1000-0145 - 37 Litres (10 Gallon) Surge Bottle	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108728	1000-0153 - Forged Socket Head Cap Screw - M12x1.75 x 40	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108729	1000-0155 - Forged Socket Head Cap Screw - M10x1.5 x 80	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108730	1000-0156 - Forged Socket Head Cap Screw - M10x1.5 x 25	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108731	1000-0157 - Forged Socket Head Cap Screw - M10x1.5 x 40	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108732	1000-0161 - Forged Socket Head Cap Screw - M8x1.25 x 20	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108733	1000-0162 - Forged Socket Head Cap Screw - M5x0.8 x 12	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108734	1000-0165 - STAINLESS STEEL SOCKET HEAD CAP SCREW, M6 x 12	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108735	1000-0166 - CMS 6 INCH COMPACT TRUNNION DOUBLE BALL VALVE ASSEMBLY - MAJOR REPAIR PARTS - STEM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108736	1000-0167 - CMS 2 INCH COMPACT BALL VALVE ASSEMBLY - MAJOR REPAIR PARTS - STEM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108737	1000-0168 - M8 STAINLESS STEEL LOCK WASHER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108738	1000-0169 - M6 STAINLESS STEEL LOCK WASHER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108739	1000-0184 - Wrought Buttwelding Fitting - Short Radius 90 Deg Elbow .Inch	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108740	1000-0185 - Wrought Buttwelding Fitting - Long radius 90 Deg Elbow.Inch	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108741	1000-0192 - ASME B16.9 SHORT RADIUS 90 DEG ELBOW 2" SCH 160	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108742	1000-0193 - ASME B16.9 LONG RADIUS 45 DEG 2in ELBOW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108743	1000-0194 - ASME B16.9 LONG RADIUS 90 DEG 2" ELBOW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108744	1000-0196 - NOV P/N 8002859, SCREW, SHC, 3/8"-16UNCx1-1/4" LG, 316 SS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108745	1000-0197 - NOV P/N 8150452, PIN, DOWEL, 3/8"ODx5/8"LG, 316 SS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108747	1000-0204 - C6MX SWIVEL NUT ELBOW, 1-5/8-12 (F) x 1-5/8-12 (M) JIC 37 DEG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108748	1000-0206 - SEAL RING, 23R F/ 3" SLIMLINE TECHLOK CONNECTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108750	1000-0228 - METRIC HEAVY HEX BOLT, M16 x 2 x 60	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108752	1000-0243 - METRIC HEAVY HEX BOLT, M16 x 2 x 40, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108753	1000-0246 - HEXAGON HEAD SCREW, M16 x 130, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108754	1000-0253 - GAS VALVE, SS, 5K PSI, 1/2-20 UNF	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108755	1000-0273 - 2" SPO CF WN CL1500 IX6 SCH 120	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108757	1000-0026 - SOCKET HEAD CAP SCREW 1" x 3.75" LG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108758	1000-0309 - LOCK WASHER M22 (STAINLESS STEEL)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0108760	1000-0362 - 42.5T SHACKLE STAINLESS STEEL"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108761	1000-0379 - NOV P/N 8141525, RG, RETAINING, MEDIUM DUTY EXT SPIRAL, SS, 4.625"O	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108762	1000-0380 - 1/2 GIANT BUTTON HEAD FITTING, SINGLE BALL CHECK STAINLESS STEEL"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108765	1000-0408 - GREEN PIN H-SHACKLE 55 T (GPGHMB65)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108766	1000-0439 - QUICK CONNECTOR, 1/4" BSPP, FEMALE HALF, R2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108767	1000-0440 - QUICK CONNECTOR, 1/4" BSPP, FEMALE HALF, R3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108768	1000-0441 - QUICK CONNECTOR, 1/4" BSPP, FEMALE HALF, R4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108772	1000-0449 - ASSEMBLY GROUPS, CONSISTING OF ADAPTOR BODY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108778	1000-0459 - SNAP-TITE 72 SERIES, 3/8" VALVE NIPPLE W/ BUNA N SEAL, 3/8" FNPTF, SS316, MAWP 5K	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108781	1000-0462 - NORSOK 22" CL2500 Flange Protector	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108782	1000-0475 - HEXAGON HEAD SCREW, M16 x 50, STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108783	1000-0478 - MALE DUMMY ELECTRICAL CONNECTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108784	1000-0479 - MALE DUMMY OPTICAL CONNECTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108785	1000-0531 - SEAL KIT F/ CKBD-XEN/AP CHK VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108786	1000-1023 - RUD LOAD RING BOLTED VLBG-2.5T-M20, WLL: 2.5 TON	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108787	1000-1025 - 4 PIN ELECTRICAL CABLE,END1 CONNECTOR: FEMALE, END 2 CONNECTOR: FEMALE,L=2M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108788	1000-1027 - 8 PIN OPTICAL CABLE,END1 CONNECTOR: FEMALE, END 2 CONNECTOR: FEMALE,L=2M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108790	1000-1085 - HOSE 2440N?16V91 (HOSE 1", WP560BAR) BOTH END JIC FEMALE SWIVEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108791	1000-1301 - 100-8 UNC SUPER BOLT ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108793	1000-1609 - SWITCHBOX WITH PROXIMITY SWITCH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108794	1000-1610 - SS 1-PIECE ADJUSTABLE CHECK VALVE, 1/4" MNPT, 3-50 PSIG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108795	1000-1611 - ADAPTION BOLTING MATERIAL (SET)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108796	1000-1612 - COMPENSATOR - ACCUMULATOR 0,32L,SS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108797	1000-1613 - COMPENSATOR - ACCUMULATOR 0,16L,SS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108799	1000-1615 - TEST CAP, F/ Ø149,15 C&K, 22500 PSI	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108800	1000-1616 - TEST SLEEVE, 11,8"OD x 6,2"ID, 22500 PSI	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108802	1000-1618 - TEST CAP, F/Ø140,06 BOOSTER, 11250 PSI	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108803	1000-1619 - TEST SLV, ID 147,6 BOOSTER, 11250 PSI	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108805	1000-1621 - PLUG Ø110,95X108, PRESSURE TEST UNIT, HYDRAULIC CLIP RISER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108806	1000-1622 - TEST CAP, F/ Ø73,322 HYDR, 7500 PSI	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108807	1000-1623 - TESI SLEEVE, ID Ø77.83 HYDR, 7500 PSI	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108810	1000-0384 - 12 MM EO-2 T Union Tee T12Z571	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108814	1000-2178 - HEXAGON HEAD SCREW - M16 x 50	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108815	1000-2186 - OD38mm, 4.5mm THK, 29mm ID, SEAMLESS STAINLESS STEEL TUBE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108816	1000-2187 - OD12mm, 1.5mm THK, 9mm ID, 6m Length (20 feet) SEAMLESS STAINLESS STEEL TUBE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108817	1000-2189 - OD25mm, 2.2mm THK, 20.6mm ID, SEAMLESS STAINLESS STEEL TUBE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108818	1000-2188 - OD14mm, 1.5mm THK, 11mm ID, SEAMLESS STAINLESS STEEL TUBE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108819	1000-2191 - OD8mm, 1mm THK, 6mm ID, SEAMLESS STAINLESS STEEL TUBE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108820	1000-2192 - OD20mm, 2.5mm THK, 15mm ID, 6m Length (20 feet) SEAMLESS STAINLESS STEEL TUBE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108824	1000-6075 - HEXAGON HEAD SCREW, M16 x 55	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108825	1000-6080 - M20 STAINLESS STEEL LOCK WASHER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108826	1000-6081 - HEXAGON HEAD SCREW, M16 x 65	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108827	1000-6158 - HEXAGON HEAD SCREW, M16 x 70	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108828	1000-6167 - G1-1/2A MALE HOLLOW HEX PLUG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108830	1000-6192 - HEXAGON HEAD SCREW, M16 x 30	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108831	1000-6208 - STUD, 3/4-10 UNC, LG: 6.0 IN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108832	1000-6244 - HEXAGON HEAD BOLT, M16 x 140	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108833	1000-6306 - ISO METRIC PRECISION HEXAGON BOLT, M20 x 290	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108834	1000-6309 - HEXAGON HEAD SCREW - M20 x 55	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108835	1000-6342 - HEXAGON HEAD SCREW, M20 x 70	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108836	1000-6343 - HEXAGON HEAD SCREW, M20 x 2.0 x 70 LG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0108839	1000-6350 - HEXAGON HEAD BOLT, M16 x 140	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108840	1000-6522 - HEXAGON HEAD SCREW - M16 x 60	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108841	1000-6552 - METRIC HEAVY HEX STRUCTURAL BOLT, M22x2.5 x 180	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108842	1000-6553 - METRIC HEAVY HEX STRUCTURAL BOLT, M22x2.5 x 55	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108843	1000-6560 - HEXAGON HEAD SCREW, M16 x 45	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108844	1000-6561 - HEXAGON HEAD SCREW, M16 x 90	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108846	1000-6924 - G1/4A ADJUSTABLE SWIVEL ELBOW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108849	1000-6938 - D14 EO2-FUNCTIONAL NUT (D16)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108853	1000-7090 - DN51 SAE EO-CLOSED COUNTER FLANGE (ISO6162)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108854	1000-8005 - M16 STAINLESS STEEL LOCK WASHER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108858	1000-0007 - QUICK CONNECT, COUPLING, 3/4" FEMALE, END FITTING 12MM BULKHEAD 1-5/16"-12 UN-3A JIC MALE,	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108859	1000-0008 - QUICK CONNECT, COUPLING, 3/4" FEMALE, END FITTING 12MM BULKHEAD 1-5/16"-12 UN-3A JIC MALE,	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108860	1000-0012 - QUICK CONNECT, COUPLING, 1-1/2" FEMALE, END FITTING 12MM BULKHEAD 1-5/8"-12 UN-3A JIC MALE,	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108864	1082-1061 - RING GASKET DN550 NPS22 IX550	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108869	1082-0089 - RDD, STINGER SEAL BACKUP RING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108870	1082-0059 - RDD 20-3/4" SPHERICAL PACKING ELEMENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108872	1082-0067 - RDD PISTON OUTER SEAL / SEAL RING LOWER PRIMARY SEAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108873	1082-0169 - RDD PISTON OUTER GUIDE RING,ANGLE CUT AT 30° TO LEAVE 32.8mm ± 2.0mm GAP ON INSTALLATION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108876	1082-0160 - RDD LOWER HOUSING GUIDE RING,ANGLE CUT AT 30° TO LEAVE 23.0mm ± 2.0mm GAP ON INSTALLATIO	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108878	1082-0061 - RDD, SEAL RING ID LOWER SEAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108879	1082-0062 - RDD, SEAL RING LOWER O-RING SEAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108880	1082-0063 - RDD, SEAL RING UPPER O-RING SEAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108881	1082-0064 - RDD, SEAL RING UPPER O-RING SEAL BACKING RING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108882	1082-0065 - RDD, SEAL RING LOWER O-RING SEAL BACKING RING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108883	1082-0068 - SEAL RING UPPER PRIMARY SEAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108885	1082-0166 - SEAL RING ID GUIDE RING,ANGLE CUT AT 30° TO LEAVE 29.7mm ± 2.0mm GAP ON INSTALLATION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108887	1082-0095 - LOCKING DOG PISTON SECTION GUIDE RING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108888	1082-0096 - LOCKING DOG PISTON SECTION SECONDARY T-SEAL & LOCKING DOG RETAINER NUT PRIMARY SEAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108889	1082-0098 - LOCKING DOG BORE SECTION SCRAPER SEAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108890	1082-0099 - LOCKING DOG BORE SECTION SECONDARY T-SEAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108891	1082-0100 - LOCKING DOG BORE SECTION GUIDE RING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108892	1082-0106 - LOCKING DOG PISTON PRIMARY SEAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108893	1082-0107 - LOCKING DOG BORE SECTION PRIMARY SEAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108894	1082-0102 - LOCKING DOG RETAINER NUT PRIMARY BORE T-SEAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108895	1082-0103 - LOCKING DOG RETAINER NUT SECONDARY BORE T-SEAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108896	1082-0104 - LOCKING DOG RETAINER NUT SECONDARY SEAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108900	1082-1078 - RDD, WELDING DETAIL, TOP BONNET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108901	1082-1074 - RDD, MACHINIG DETAIL, UPPER GALLERY RING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108902	1082-1073 - RDD, MACHINIG DETAIL,LOWER GALLERY RING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108904	8000-1201 - FLOWSPool, SENSOR SECTION BRACKET WELDMENT ASSEMBLY, SENSOR SECTION HARD POINT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108905	8000-5001 - WELDMENT ASSEMBLY FOR 2" GAS BLEED LINE FROM GOOSENECK ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108906	8000-5003 - WELDMENT ASSEMBLY FOR 2" HYDRAULIC LINE FROM 1091-1035	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108907	8000-5004 - WELDMENT ASSEMBLY FOR 2" HYDRAULIC LINE FROM 1091-1027	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108908	8002-6610 - SEAL RING UPPER SECONDARY SEAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108909	8002-6609 - SEAL RING LOWER SECONDARY SEAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108911	8002-1405 - PADEYE CROSSOVER TUBE WELDMENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108912	8002-6677 - PERIPHERAL LINES CLAMP B1, BASE PLATE 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108913	8002-6678 - PERIPHERAL LINES CLAMP B1, BASE PLATE 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108914	8002-6645 - PERIPHERAL LINES CLAMP B, BOOSTER LINE CLAMP 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108915	8002-6646 - PERIPHERAL LINES CLAMP B1, BOOSTER LINE CLAMP 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108916	8002-6647 - PERIPHERAL LINES CLAMP B, BOOSTER LINE CLAMP 3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0108917	8002-6648 - PERIPHERAL LINES CLAMP B, C&K LINE CLAMP 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108918	8002-6649 - PERIPHERAL LINES CLAMP B1, C&K LINE CLAMP 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108919	8002-6650 - PERIPHERAL LINES CLAMP B, C&K LINE CLAMP 4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108920	8002-6651 - PERIPHERAL LINES CLAMP B, HYDRAULIC LINE CLAMP 4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108921	8002-6672 - PERIPHERAL LINES CLAMP B, MRL CLAMP 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108922	8002-6673 - PERIPHERAL LINES CLAMP B, MRL CLAMP 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108923	8002-6674 - PERIPHERAL LINES CLAMP B1, C&K LINE CLAMP 5	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108924	8002-6675 - PERIPHERAL LINES CLAMP B, C&K LINE CLAMP 6	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108925	8002-6676 - PERIPHERAL LINES CLAMP B1, HYDRAULIC LINE CLAMP 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108926	8002-6680 - PERIPHERAL LINES CLAMP B, HYDRAULIC LINE CLAMP 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108927	8002-6681 - PERIPHERAL LINES CLAMP B, HYDRAULIC LINE CLAMP 3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108928	8002-6682 - PERIPHERAL LINES CLAMP B, C&K LINE CLAMP 3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108929	8002-6684 - PERIPHERAL LINES CLAMP A, BASE PLATE 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108930	8002-6685 - PERIPHERAL LINES CLAMP A, BASE PLATE 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108931	8002-6686 - PERIPHERAL LINES CLAMP A, BOOSTER LINE CLAMP 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108932	8002-6687 - PERIPHERAL LINES CLAMP A, BOOSTER LINE CLAMP 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108933	8002-6688 - PERIPHERAL LINES CLAMP A, BOOSTER LINE CLAMP 3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108934	8002-6689 - PERIPHERAL LINES CLAMP A, HYDRAULIC LINE CLAMP 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108935	8002-6690 - PERIPHERAL LINES CLAMP A, C&K LINE CLAMP 3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108936	8002-6691 - PERIPHERAL LINES CLAMP A, HYDRAULIC LINE CLAMP 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108937	8002-6692 - PERIPHERAL LINES CLAMP A, C&K LINE CLAMP 4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108938	8002-6693 - PERIPHERAL LINES CLAMP A, MRL CLAMP 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108939	8002-6694 - PERIPHERAL LINES CLAMP A, MRL CLAMP 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108940	8002-6695 - PERIPHERAL LINES CLAMP A, HYDRAULIC LINE CLAMP 3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108941	8002-6696 - PERIPHERAL LINES CLAMP A, C&K LINE CLAMP 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108942	8002-6697 - PERIPHERAL LINES CLAMP A, C&K LINE CLAMP 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108943	8002-6698 - PERIPHERAL LINES CLAMP A, MRL CLAMP 3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108944	8002-6701 - PERIPHERAL LINES CLAMP C, BASE PLATE 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108945	8002-6702 - PERIPHERAL LINES CLAMP C, BASE PLATE 3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108946	8002-6703 - PERIPHERAL LINES CLAMP C, BASE PLATE 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108947	8002-6704 - PERIPHERAL LINES CLAMP C, HYDRAULIC LINE CLAMP 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108948	8002-6705 - PERIPHERAL LINES CLAMP C, HYDRAULIC LINE CLAMP 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108949	8002-6706 - PERIPHERAL LINES CLAMP C, HYDRAULIC LINE CLAMP 3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108950	8002-6707 - PERIPHERAL LINES CLAMP C, C&K LINE CLAMP 3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108951	8002-6708 - PERIPHERAL LINES CLAMP C, C&K LINE CLAMP 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108952	8002-6709 - PERIPHERAL LINES CLAMP C, MRL CLAMP 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108953	8002-6710 - PERIPHERAL LINES CLAMP C, MRL CLAMP 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108954	8002-6711 - PERIPHERAL LINES CLAMP C, HYDRAULIC LINE CLAMP 4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108955	8002-6712 - PERIPHERAL LINES CLAMP C, C&K LINE CLAMP 4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108956	8002-6713 - PERIPHERAL LINES CLAMP C, C&K LINE CLAMP 5	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108957	8002-6714 - PERIPHERAL LINES CLAMP C, BOOSTER LINE CLAMP 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108958	8002-6716 - PERIPHERAL LINES CLAMP C, BOOSTER LINE CLAMP 3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108959	8002-6715 - PERIPHERAL LINES CLAMP C, BOOSTER LINE CLAMP 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108960	8002-6717 - PERIPHERAL LINES CLAMP C, C&K LINE CLAMP 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108961	8002-6718 - PERIPHERAL LINES CLAMP C, C&K LINE CLAMP 6	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108962	8002-6722 - PERIPHERAL LINES CLAMP D, BASE PLATE 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108963	8002-6723 - PERIPHERAL LINES CLAMP D, BASE PLATE 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108964	8002-6724 - PERIPHERAL LINES CLAMP D, BASE PLATE 3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108965	8002-6725 - PERIPHERAL LINES CLAMP D, C&K LINE CLAMP 3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108966	8002-6726 - PERIPHERAL LINES CLAMP D, HYDRAULIC LINE CLAMP 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108967	8002-6727 - PERIPHERAL LINES CLAMP D, C&K LINE CLAMP 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0108968	8002-6728 - PERIPHERAL LINES CLAMP D, C&K LINE CLAMP 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108969	8002-6729 - PERIPHERAL LINES CLAMP D, HYDRAULIC LINE CLAMP 3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108970	8002-6730 - PERIPHERAL LINES CLAMP D, C&K LINE CLAMP 4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108971	8002-6731 - PERIPHERAL LINES CLAMP D, C&K LINE CLAMP 5	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108972	8002-6732 - PERIPHERAL LINES CLAMP D, BOOSTER LINE CLAMP 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108973	8002-6733 - PERIPHERAL LINES CLAMP D, BOOSTER LINE CLAMP 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108974	8002-6734 - PERIPHERAL LINES CLAMP D, MRL CLAMP 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108975	8002-6736 - PERIPHERAL LINES CLAMP D, MRL CLAMP 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108976	8002-6738 - PERIPHERAL LINES CLAMP B2, BASE PLATE 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108977	8002-6741 - PERIPHERAL LINES CLAMP B2, BOOSTER LINE CLAMP 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108978	8002-6742 - PERIPHERAL LINES CLAMP B2, C&K LINE CLAMP 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108979	8002-6739 - PERIPHERAL LINES CLAMP B2, BASE PLATE 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108980	8002-6740 - PERIPHERAL LINES CLAMP B2, C&K LINE CLAMP 5	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108981	8002-6743 - PERIPHERAL LINES CLAMP B2, HYDRAULIC LINE CLAMP 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108983	8002-6752 - PERIPHERAL LINES CLAMP D, BOOSTER LINE CLAMP 3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108984	8002-6753 - PERIPHERAL LINES CLAMP D, C&K LINE CLAMP 6	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108985	8002-6754 - PERIPHERAL LINES CLAMP D, HYDRAULIC LINE CLAMP 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108988	8002-6789 - FLOWSPool, ACCUMULATOR BOTTLE GALLERY LINE TRAY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108992	8006-0103 - PROTECTION COVERS, BRACKET BODY, SENSOR SECTION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108996	8006-0110 - HYDRAULIC LINE 2 GUIDE CLAMP RING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108998	8006-0113 - BOOSTER LINE GUIDE CLAMP RING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0108999	8006-0114 - LOWER THREE LINES GUIDE CLAMP HOLDER PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109013	UPPER THREE LINES GUIDE CLAMP HOLDER PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109014	UPPER TWO LINES GUIDE CLAMP HOLDER PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109024	HYDRAULIC LINE 1 GUIDE CLAMP DAMPING RUBBER A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109026	BOOSTER LINE GUIDE CLAMP DAMPING RUBBER A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109029	HYDRAULIC LINE 2 GUIDE CLAMP DAMPING RUBBER A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109030	HYDRAULIC LINE 2 GUIDE CLAMP DAMPING RUBBER B	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109031	HYDRAULIC LINE1 WELDMENT W/TECHLOK HUB, NOM 4.125" OD x 0.3125" THK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109032	BOOSTER LINE, 5" OD x 0.5" THK, WELDMENT 1 W/ TECHLOK HUB	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109033	CHOKE LINE, WELDMENT W/ TECHLOK HUB, NOM 6.75" OD x 1.125" THK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109034	KILL LINE, WELDMENT W/ TECHLOK HUB, NOM 6.75" OD x 1.125" THK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109035	HYDRAULIC LINE, PIPE 2.5" SCH 80, WELDMENT 1 W/ TECHLOK HUB	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109036	COVER WELDMENT - LH, 15 GALLON SURGE BOTTLE GALLERY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109037	FA57/G/A I=5,98 2 STAGE - COVER WELDMENT - RH, 15 GALLON SURGE BOTTLE GALLERY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109038	FA47/G/A I=17,33 2 STAGE - COVER WELDMENT - LH, DTC CONTROL POD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109039	FA47/G/A I=5,76 2 STAGE - COVER WELDMENT - RH, DTC CONTROL POD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109040	FA57/G/A I=16,81 2 STAGE - COVER WELDMENT - LH, SENSOR SECTION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109041	DRE132S4/TF/V 4kW, 60Hz, 400/690V - COVER WELDMENT - RH, SENSOR SECTION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109042	EPDM 60-KTW 65 (W6515) - COVER WELDMENT - GOOSENECK SECTION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109044	8006-1061 - COVER II WELDMENT - MUDFLOW DIVERTER SECTION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109045	038081, PRESSURE SWITCH NITROGEN COMPR. - PRESSURE SWITCH NITROGEN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109045-01	038081, PRESSURE SWITCH NITROGEN COMPR. - PRESSURE SWITCH NITROGEN	BA0109045	038081, PRESSURE SWITCH NITROGEN COMPR. - PRESSURE SWITCH NITROGEN
BA0109046	UTW5 H - MK2 - TERMINATION PLATE WELDMENT ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109047	UTW5 R - MK2 - NORSOK L005 IX SEAL RING NPS6 DN150	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109048	STABILIZER SHAFT 140 Ø60 L=290 S355 - WROUGHT BUTT WELDING FITTING - SHORT RADIUS 90 DEG ELBOW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109049	1091-0020 - API 6A 1-13/16 10M WN FLANGE, SS316 INLAID GROOVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109050	1091-1008 - FLOWSPool, GOOSENECK, PAD EYE WELDMENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109052	1091-1030 - CLAMP RING TYPE II, 247.7 DIAMETER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109053	1091-1032 - CLAMP RING TYPE III, 247.7 DIAMETER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109054	1091-1036 - BRACKET WELDMENT FOR 10 GAL ACCUMULATORS - LEFT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0109055	1091-1040 - FLOWSPPOOL, CLAMP RING TYPE I, 230 DIAMETER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109056	1091-1044 - LOAD RING RUD VLBG 2.5T, M20 H85 C/W NUT & WASHER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109057	1091-1046 - FLOWSPPOOL, 15 GALLON ACCUMULATOR GALLERY PROTECTION COVER, PROTECTION COVER WELDMEN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109059	1091-1060 - FLOWSPPOOL, GRATING COVER WELDMENT ASSEMBLY, LOWER BODY GALLERY BRACKET WELDMENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109060	1091-1075 - FLOWSPPOOL, LOWER GALLERY HARD POINT WELDMENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109061	1091-1080 - FLOWSPPOOL, GOOSENECK LATCH, ALIGNMENT STRUCTURE WELDMENT DETAIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109062	1091-1088 - FLOWSPPOOL, CLAMP RING TYPE V, 168.3 DIAMETER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109063	1091-1101 - FLOWSPPOOL, MAIN BODY WELDMENT ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109064	1091-1111 - FLOWSPPOOL, BRACKET WELDMENT F/ PROTECTION COVER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109066	1091-1150 - FLOWSPPOOL, FLOWSPPOOL COVER B	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109067	1091-1152 - FLOWSPPOOL, COVER B LOWER BRACKET A WELDMENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109068	1091-1153 - FLOWSPPOOL, COVER B UPPER BRACKET A WELDMENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109069	1091-1154 - FLOWSPPOOL, FLOWSPPOOL COVER A1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109070	1091-1158 - FLOWSPPOOL, COVER B LOWER BRACKET B WELDMENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109071	1091-1160 - FLOWSPPOOL, COVER B UPPER BRACKET B WELDMENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109072	1091-1190 - CLAMP WELDMENT, PADEYE COVER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109073	1091-1191 - RDD BRACKET 1 WELDMENT ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109075	1091-1205 - FLOWSPPOOL, QCA OPEN VALVE WELDMENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109076	1091-1282 - PROTECTION COVER FOR SPM VALVE BLOCK WELDMENT 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109077	1091-1284 - FLOW SPOOL, PROTECTION COVER FOR SPM VALVE BLOCK WELDMENT 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109078	1091-2002 - FLOWSPPOOL, GOOSENECK LATCH, PADEYE SLOT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109079	1091-2004 - FLOWSPPOOL, GOOSENECK LATCH, PADEYE WEDGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109083	1091-2013 - FLOWSPPOOL, GOOSENECK LATCH, PADEYE SLOT PAD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109084	1091-2014 - FLOWSPPOOL, GOOSENECK LATCH, LATCH PLATFORM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109085	1091-2015 - FLOWSPPOOL, GOOSENECK LATCH, MALE TUBE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109086	1091-2017 - FLOWSPPOOL, GOOSENECK LATCH, TRACK GUIDER A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109087	1091-2018 - FLOWSPPOOL, GOOSENECK LATCH, TRACK GUIDER B	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109088	1091-2019 - FLOWSPPOOL, GOOSENECK LATCH, MALE TUBE PROTECTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109089	1091-2022 - FLOWSPPOOL, GOOSENECK LATCH, HYDRAULIC CYLINDER BRACKET A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109090	1091-2023 - FLOWSPPOOL, GOOSENECK LATCH, HYDRAULIC CYLINDER BRACKET B	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109091	1091-2024 - FLOWSPPOOL, GOOSENECK LATCH, GRABBER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109092	1091-2025 - FLOWSPPOOL, GOOSENECK LATCH, GRABBER PIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109093	1091-2027 - FLOWSPPOOL, GOOSENECK LATCH, UPPER HIRTH COUPLING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109094	1091-2028 - FLOWSPPOOL, GOOSENECK LATCH, LOWER HIRTH COUPLING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109095	1091-2030 - FLOWSPPOOL, GOOSENECK LATCH, NO-GO ROD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109096	1091-2033 - FLOWSPPOOL, GOOSENECK LATCH, NO-GO LEVER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109097	1091-2035 - FLOWSPPOOL, GOOSENECK LATCH, HIRTH COUPLING CLAMP A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109098	1091-2036 - FLOWSPPOOL, GOOSENECK LATCH, HIRTH COUPLING CLAMP B	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109099	1091-2037 - FLOWSPPOOL, GOOSENECK LATCH, COVER BRACER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109100	1091-2041 - FLOWSPPOOL, GOOSENECK LATCH, LOWER HIRTH COUPLING SHIM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109103	1091-2061 - GOOSENECK SCRAPER SEAL WITH SPLIT BACK UP RING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109105	1091-2112 - FLOWSPPOOL, GOOSENECK LATCH, NO - GO LEVER BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109106	1091-2114 - FLOWSPPOOL, GOOSENECK LATCH, LINKAGE BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109107	1091-2122 - FLOWSPPOOL, GOOSENECK LATCH, FLANGED NUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109108	1091-2123 - FLOWSPPOOL, GOOSENECK LATCH, NO-GO STOPPER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109109	1091-2126 - FLOWSPPOOL, GOOSENECK LATCH, TORSIONAL SPRING LEFT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109110	1091-2127 - FLOWSPPOOL, GOOSENECK LATCH, TORSIONAL SPRING RIGHT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109112	1091-2132 - WROUGHT BUTT WELDING FITTING -ASME B16.9 STRAIGHT TEE 2 x 0.281	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109115	1091-2422 - GOOSENECK CHEVRON TYPE PRIMARY SEAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109116	1091-3000 - ASME B16.9 REDUCING OUTLET TEE NPS 6 X 6 X 4, ASME B36.10 SCH 120, A860 WPHY 65, MSS SP-75 WP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109117	1091-3003 - ASME B36.10 NPS 6, SCH 120, BEVELS AS PER ASME B16.9, API 5L	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0109118	1091-3006 - ASME B16.9 SHORT RADIUS ELBOW NPS 4, ASME B36.10 SCH 120, A860 WPHY 65, MSS SP-75 WPHY 65	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109119	1091-3010 - 6" SPO CF WN CL1500 IX6 SCH 120	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109120	1091-3011 - ASME B16.9 ECCENTRIC REDUCER NPS 6 x 4, ASME B36.10 SCH 120, A860 WPHY 65, MSS SP-75 WPHY 65	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109121	1091-3012 - ASME B36.10 NPS 4, SCH 120, BEVELS AS PER ASME B16.9, API 5L X65	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109122	1091-3016 - ASME B36.10 NPS 6, SCH 120, BEVELS AS PER ASME B16.9, API 5L X65	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109123	1091-3020 - ASME B36.10 NPS 2, WT. 7.14mm, BEVELS AS PER ASME B16.9, API 5L X65	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109125	1091-3022 - GROOVE NIPPLE, SZ-70 6" SCH 120, ASTM A694 GR F65	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109126	1091-3023 - GROOVE NIPPLE SZ 55 4" SCH 120, F25/ T25, ASTM A694 GR F65	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109127	1091-3025 - MINI SUBSEA MONITOR FOR BRC 2000	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109130	1091-5005 - ACCUMULATOR BOTTLE (15 GALLONS)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109131	1091-5006 - ACCUMULATOR, 10 GALLON, SURGE BOTTLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109132	1091-5007 - ACCUMULATOR, 10 GALLON, TRANSFER BARRIER BOTTLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109133	1091-5010 - ASME B16.9 SHORT RADIUS ELBOW NPS 2, ASME B36.10 WT. 7.14mm, A860 WPHY 65, MSS SP-75 WPHY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109134	1091-5012 - ASME B16.9 ECCENTRIC REDUCER NPS 4 X 2, NPS 4 SCH 120 TO NPS 2 WT.7.14mm ASME B36.10, A860 W	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109135	1091-5034 - MOUNTING BRACKET TYPE B- FOR BRC 2000	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109137	1091-5042 - MOUNTING BRACKET TYPE A- FOR BRC 2000	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109140	1091-6040 - FLOWSPool, GOOSENECK CLAMP, INNER CLAMP BRACKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109141	1091-6041 - FLOWSPool, GOOSENECK CLAMP, OUTER CLAMP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109142	1091-6042 - FLOWSPool, GOOSENECK CLAMP, LOCKING PIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109147	1091-6120 - FLOWSPool, ACCUMULATOR BOTTLE GALLERY LINE TRAY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109150	1091-6136 - FLOWSPool, ACCUMULATOR RETAINING BLOCK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109152	1091-6144 - FLOWSPool, CONTROL ACCUMULATOR CONNECTION BLOCK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109153	1091-6149 - FLOWSPool, ACCUMULATOR INTERCONNECT BLOCK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109154	1091-6150 - FLOWSPool, SURGE BOTTLE GALLERY LINE TRAY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109155	1091-6154 - NEEDLE VALVE MODEL NFDD-LGN/AP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109156	1091-6155 - FLOWSPool, ACCUMULATOR GALLERY VENT BLOCK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109157	1091-6156 - FLOWSPool, ACCUMULATOR GALLERY VENT BLOCK - FLAT MOUNT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109158	1091-6159 - FLOWSPool, ACCUMULATOR GALLERY VENT BLOCK 2 - FLAT MOUNT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109163	1091-6191 - FLOWSPool, PERFORATED MESH GUARD FRAME, LOWER BODY GALLERY BRACKET WELDMENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109165	1091-6235 - GOOSENECK LATCH MANIFOLD BLOCK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109167	1091-6238 - 1-1/2" RDD OPEN SPM VALVE BLOCK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109168	1091-6239 - 1/2" RDD CLOSE SPM VALVE BLOCK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109171	1091-6351 - ADAPTOR BUSHING, M24 (MALE) X M16 (FEMALE)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109173	1091-6506 - FLOWSPool, SURGE BOTTLE GALLERY LINE TRAY 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109174	1091-6507 - FLOWSPool, PROTECTION MESH FRAME 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109176	1091-6526 - 3/4" NB MALE DIVER-MATEABLE COUPLING - 36DEG KEY - 16J	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109177	1091-6528 - 3/4" NB FEMALE DIVER-MATEABLE COUPLING - 36DEG KEY - 16	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109178	1091-6534 - FLOW SPOOL, PROTECTION COVER FOR MUX POD CLAMP WELDMENT LEFT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109179	1091-6535 - PROTECTION COVER FOR MUX POD CLAMP WELDMENT RIGHT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109180	1091-6901 - G1-1/2A ADJUSTABLE SWIVEL ELBOW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109182	1091-6904 - FLOWSPool, QCA OPEN SPM VALVE BLOCK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109183	1091-6909 - FLOWSPool, QCA CLOSE SPM MANIFOLD BLOCK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109187	1091-6917 - G1-1/2A MALE HOLLOW HEX PLUG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109189	1091-6924 - G1/4A ADJUSTABLE SWIVEL ELBOW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109193	1091-6929 - FLOWSPool, ACCUMULATOR ACA INTERCHANGE LH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109194	1091-6930 - FLOWSPool, ACCUMULATOR CONNECTION BLOCK 2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109196	1091-6933 - G3/8A ADJUSTABLE SWIVEL ELBOW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109197	1091-6934 - G3/8A EO MALE STUD CONNECTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109198	1091-6937 - G1/4A EO MALE STUD CONNECTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109205	1091-6961 - FLOWSPool, LONG STAND ANODE, TYPE A, F/ QCA ACCU. BANK ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109206	1091-6965 - FLOWSPool, BRACER TYPE ANODE, ALUMINUM, F/ 22 IN OD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0109209	1091-6969 - FLOWSPPOOL, LONG STAND ANODE, TYPE D	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109210	1091-6977 - HYDRAULIC TERMINATION PLATE F/ GOOSENECK LATCH OVERRIDE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109211	1091-6986 - BRC500 ACTUATOR DPI BLOCK PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109232	8001-0017 - HIGH INTEGRITY CLAMP, INTERMEDIATE PLATE 1, F/ MUX POD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109233	8001-0018 - HIGH INTEGRITY CLAMP, INTERMEDIATE PLATE 2, F/ MUX POD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109234	8001-0022 - REPSOL PROJECT, CLAMP HOLDER F/ BOP SS LINE CLAMP, WELDMENT ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109235	8001-0030 - HIGH INTEGRITY CLAMP, INTERMEDIATE PLATE 1, F/ QCA ACCU. BANK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109236	8001-0031 - HIGH INTEGRITY CLAMP, INTERMEDIATE PLATE 2, F/ QCA ACCU. BANK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109237	8001-0032 - HIGH INTEGRITY CLAMP, INTERMEDIATE PLATE 1, F/ RDD ACCUMULATOR BANK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109238	8001-0033 - HIGH INTEGRITY CLAMP, INTERMEDIATE PLATE 2, F/ RDD ACCUMULATOR BANK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109239	8001-0149 - ELECTRIC CABLE TERMINATION INTERFACE BRACKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109240	8001-0154 - BRACKET I, HIGH INTEGRITY CLAMP 8001-1008	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109241	8001-0155 - BRACKET II, HIGH INTEGRITY CLAMP 8001-1008	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109242	8001-0166 - STAINLESS STEEL BRACKET FOR PROTECTION COVER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109243	8001-0167 - STAINLESS STEEL BRACKET FOR PROTECTION COVER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109244	8001-0171 - CUSTOM SS BRACKET FOR PROTECTION COVER, LEFT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109245	8001-0177 - MOUNT BRACKET FOR POSITION INDICATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109246	8001-0190 - FLOWSPPOOL CHOKE & KILL LINE SUPPORT CLAMP HOLDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109247	8001-0191 - FLOWSPPOOL CHOKE & KILL LINE SUPPORT CLAMP FINGER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109248	8001-0194 - FLOWSPPOOL BOOSTER LINE SUPPORT CLAMP HOLDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109249	8001-0195 - FLOWSPPOOL BOOSTER LINE SUPPORT CLAMP FINGER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109250	8001-0197 - FLOWSPPOOL HYDRAULIC LINE SUPPORT CLAMP FINGER A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109251	8001-0198 - FLOWSPPOOL HYDRAULIC LINE SUPPORT CLAMP HOLDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109252	8001-0202 - FLOWSPPOOL CHOKE & KILL LINE GUIDE CLAMP HOLDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109253	8001-0203 - FLOWSPPOOL CHOKE & KILL LINE GUIDE CLAMP FINGER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109254	8001-0205 - FLOWSPPOOL CHOKE & KILL LINE GUIDE CLAMP SLOT PIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109255	8001-0206 - FLOWSPPOOL CHOKE & KILL LINE GUIDE CLAMP PIN A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109256	8001-0212 - FLOWSPPOOL BOOSTER LINE GUIDE CLAMP HOLDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109257	8001-0213 - FLOWSPPOOL BOOSTER LINE GUIDE CLAMP FINGER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109258	8001-0231 - FLOWSPPOOL HYDRAULIC LINE SUPPORT CLAMP FINGER B	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109259	8001-0246 - RDD CHOKE & KILL LINE GUIDE CLAMP FIXED PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109260	8001-0247 - HYDRAULIC TERMINATION INTERFACE BRACKET ASSY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109261	8001-0314 - FLOWSPPOOL CHOKE & KILL LINE GUIDE CLAMP PIN B	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109262	8001-0316 - RDD BOOSTER LINE SUPPORT CLAMP FIXED PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109263	8001-0317 - FLOWSPPOOL CHOKE & KILL LINE GUIDE CLAMP SHORT 3 INCH NUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109264	8001-0320 - FLOWSPPOOL HYDRAULIC LINE GUIDE CLAMP HOLDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109265	8001-0321 - FLOWSPPOOL HYDRAULIC LINE GUIDE CLAMP FINGER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109266	8001-0323 - FLOWSPPOOL HYDRAULIC LINE GUIDE CLAMP SLOT PIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109267	8001-0327 - RDD HYDRAULIC LINE GUIDE CLAMP FIXED PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109268	8001-0328 - FLOWSPPOOL HYDRAULIC LINE GUIDE CLAMP PIN A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109269	8001-0329 - FLOWSPPOOL HYDRAULIC LINE GUIDE CLAMP PIN B	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109270	8001-0330 - FLOWSPPOOL HYDRAULIC LINE GUIDE CLAMP FIXED PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109271	8001-0332 - FLOWSPPOOL CHOKE & KILL LINE GUIDE CLAMP FIXED PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109272	8001-0334 - FLOWSPPOOL BOOSTER LINE GUIDE CLAMP FIXED PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109273	8001-0357 - 2" SAE FLANGE 90 ELBOW BUTT WELD TUBE END (ISO 6162-2)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109274	8001-0358 - FLOWSPPOOL CHOKE & KILL LINE GUIDE CLAMP RUBBER WASHER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109275	8001-0359 - FLOWSPPOOL HYDRAULIC LINE GUIDE CLAMP RUBBER WASHER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109276	8001-0360 - FLOWSPPOOL HYDRAULIC LINE GUIDE CLAMP RUBBER WASHER B	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109277	8001-0361 - NOV P/N 030964 SEAL, POLYPAK, 6-1/2" OD x 6" ID x 9/16" DEPTH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109278	8001-0362 - NOV P/N 030972 SEAL, POLYPAK, 5" OD x 4-1/2" ID x 9/16" DEPTH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109279	8001-0363 - NOV P/N 062722 SEAL, POLYPAK, 3-1/4" OD x 2-3/4" ID x 1/4" DEPTH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0109280	8001-0364 - NOV P/N 030965, RG, WIPER SEAL, 6"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109281	8001-0365 - NOV P/N 030969, RG, WIPER SEAL, 4-1/2"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109282	8001-0366 - NOV P/N 012581, RG, WIPER SEAL, 3-1/4"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109283	8001-0367 - ADAPTAR JIC-12 TO 1/2-20 UNF2B PORT F/ ACCUMULATOR PRECHARGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109284	8001-0446 - BRACKET A, RSD PROTECTION COVERS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109285	8001-0447 - BRACKET B, RSD PROTECTION COVERS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109286	8001-0448 - BRACKET C, RSD PROTECTION COVERS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109287	8001-0462 - BRACKET D, RSD PROTECTION COVERS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109290	8001-1031 - CHOKE & KILL LINE, 6.5" OD x 1" THK, WELDMENT 3 W/ TECHLOK HUB	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109291	8001-1033 - BOOSTER LINE, 5" OD x 0.5" THK, WELDMENT 2 W/ TECHLOK HUB	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109292	8001-1035 - HYDRAULIC LINE, PIPE 2.5" SCH 80, WELDMENT 2 W/ TECHLOK HUB	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109293	8001-1045 - INTERIM TERMINATION CLAMP, RIGHT, F/ HYDRAULIC TERMINATIONS, WELDMENT ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109294	8001-1046 - INTERIM TERMINATION CLAMP, LEFT, F/ HYDRAULIC TERMINATIONS, WELDMENT ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109295	8001-1047 - CHOKE & KILL LINE, 6.5" OD x 1" THK, WELDMENT 1 W/ TECHLOK HUB	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109296	8001-1051 - BOOSTER LINE, 5" OD x 0.5" THK, WELDMENT 1 W/ TECHLOK HUB	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109297	8001-1053 - HYDRAULIC LINE, PIPE 2.5" SCH 80, WELDMENT 1 W/ TECHLOK HUB	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109298	8001-1064 - REPSOL PROJECT,HIGH INTEGRITY CLAMP PROTECTION COVER 6, WELDMENT ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109299	8001-1065 - FLOW SPOOL, HIGH INTEGRITY CLAMP PROTECTION COVER 5, WELDMENT ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109300	8001-1070 - REPSOL PROJECT, HIGH INTEGRITY CLAMP PROTECTION COVER 3, WELDMENT ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109301	8001-1071 - REPSOL PROECT, HIGH INTEGRITY CLAMP PROTECTION COVER 4, WELDMENT ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109302	8001-1077 - FLOW SPOOL, HIGH INTEGRITY CLAMP PROTECTION COVER 1, WELDMENT ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109303	8001-1078 - REPSOL PROJECT, HIGH INTEGRITY CLAMP PROTECTION COVER 2, WELDMENT ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109304	8001-1103 - CLAMP HALF WELDMENT ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109305	8001-1104 - BRACKET STAND WELDMENT ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109306	8001-1128 - HYDRAULIC LINE, PIPE 2.5" SCH 80, WELDMENT 1 W/ TECHLOK HUB	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109307	8001-1130 - HYDRAULIC LINE, PIPE 2.5" SCH 80, WELDMENT 4 W/ TECHLOK HUB	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109310	8001-1201 - WELDMENT, RSD PROTECTION COVER - HYDRAULIC TO CHOKE & KILL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109311	8001-1202 - WELDMENT, RSD PROTECTION COVER - BOOSTER TO CHOKE & KILL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109312	8001-1203 - WELDMENT, RSD PROTECTION COVER - CHOKE & KILL TO HYDRAULIC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109313	8001-1204 - WELDMENT, RSD PROTECTION COVER - CHOKE & KILL TO BOOSTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109314	8001-0441 - METRIC HEAVY HEX STRUCTURAL BOLT WITH SPLIT PIN HOLE M30X3.5X180	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109315	8001-0442 - METRIC HEAVY HEX STRUCTURAL BOLT WITH SPLIT PIN HOLE M36X3.5X220	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109316	8001-8072 - ASME B36.10M WELDED & SEAMLESS PIPE, SCH 160, 2.375 x 0.344 - 82.3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109317	8001-8073 - ASME B36.10M WELDED & SEAMLESS PIPE, SCH 160, 2.375 x 0.344 - 26.7	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109318	8001-8074 - ASME B36.10M WELDED & SEAMLESS PIPE, SCH 160, 2.375 x 0.344 - 11.3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109319	8001-8075 - ASME B36.10M WELDED & SEAMLESS PIPE, SCH 160, 2.375 x 0.344 - 64.6	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109320	8001-8076 - ASME B36.10M WELDED & SEAMLESS PIPE, SCH 160, 2.375 x 0.344 - 3.3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109321	8001-8077 - ASME B36.10M WELDED & SEAMLESS PIPE, SCH 160, 2.375 x 0.344 - 17.5	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109322	8001-8078 - ASME B36.10M WELDED & SEAMLESS PIPE, SCH 160, 2.375 x 0.344 - 67.4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109323	8001-8079 - ASME B36.10M WELDED & SEAMLESS PIPE, SCH 160, 2.375 x 0.344 - 12.5	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109324	8001-8080 - ASME B36.10M WELDED & SEAMLESS PIPE, SCH 160, 2.375 x 0.344 - 2.8	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109325	8001-8081 - ASME B36.10M WELDED & SEAMLESS PIPE, SCH 160, 2.375 x 0.344 - 85.6	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109326	8001-8082 - ASME B36.10M WELDED & SEAMLESS PIPE, SCH 160, 2.375 x 0.344 - 26.8	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109327	8001-8083 - ASME B36.10M WELDED & SEAMLESS PIPE, SCH 160, 2.375 x 0.344 - 17.2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109328	8001-8084 - ASME B36.10M WELDED & SEAMLESS PIPE, SCH 160, 2.375 x 0.344 - 63.6	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109329	8001-8085 - ASME B36.10M WELDED & SEAMLESS PIPE, SCH 160, 2.375 x 0.344 - 15.9	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109330	8001-8086 - ASME B36.10M WELDED & SEAMLESS PIPE, SCH 160, 2.375 x 0.344 - 65	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109331	8001-8087 - ASME B36.10M WELDED & SEAMLESS PIPE, SCH 160, 2.375 x 0.344 - 2.5	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109332	8001-8088 - ASME B36.10M WELDED & SEAMLESS PIPE, SCH 160, 2.375 x 0.344 - 12.1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109333	8001-8089 - ASME B36.10M WELDED & SEAMLESS PIPE, SCH 160, 2.375 x 0.344 - 2.9	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109334	8001-8090 - ASME B36.10M WELDED & SEAMLESS PIPE, SCH 160, 2.375 x 0.344 - 3.2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0109341	TUBING	BA0074258	SEAMLESS STAINLESS STEEL TUBE
BA0109342	TUBING	BA0074257	SEAMLESS STAINLESS STEEL TUBE
BA0109343	TUBING	BA0074254	SEAMLESS STAINLESS STEEL TUBE
BA0109365	TUBING	BA0011385	SEAMLESS STAINLESS STEEL TUBE
BA0109384	LOCK WASHER	BA0067968	SERRATED LOCK WASHER
BA0109385	SPRING WASHER	BA0035033	SPRING WASHER
BA0109388	COILED PIN	BA0044062	SPRING PIN
BA0109392	SOCKET CAP SCREW	BA0086094	SOCKET CAP SCREW
BA0109393	HEXAGON THIN NUT	BA0089577	HEX THIN NUT
BA0109455	SEAL	BA0087361	SEAL Ø 440/421 x 2
BA0109457	INTERMEDIATE FLANGE	BA0087361	SEAL Ø 440/421 x 2
BA0109463	1/2 IN HOSE W/1/2 IN TUBE	BA0096680	HOSE LINE 16X1100
BA0109474	SEAL FOR WEAR RING	BA0055773	SEAL
BA0109475	SPLASH DISK, DRWG 2406866	BA0088329	SPLASH DISC DRWG 2406866
BA0109476	FLOW SWITCH WITH CONTROL UNIT	BA0083750	FLOW SWITCH WITH CONTROL UNIT
BA0109477	GASKET 21MM ID X 26MM OD	BA0020706	SEALING RING
BA0109478	TENSION SCREW M30X252, DRWG A2305485	BA0089260	TENSION SCREW M30X252 DRWG A2306007
BA0109480	STRAINER	BA0095674	STRAINER
BA0109481	SWITCH, PRESSURE 15 BAR / 1,5 BAR	BA0094339	PRESSURE SWITCH 15 BAR / 1,5 BAR
BA0109487	BALL VALVE, FM X FM NPT 1-1/2"	BA0088534	BALL VALVE
BA0109494	ADAPTER, TUBE STUB SS	BA0100919	PIPE ADAPTER
BA0109496	TEE, UNION SS	BA0100822	TEE UNION
BA0109499	CONNECTOR, MALE ISO PARALLEL SS	BA0100033	MALE CONNECTOR
BA0109500	ELBOW, UNION SS	BA0100415	UNION ELBOW
BA0109503	TUBING, HYDRAULIC 3/4 IN, .065 WALL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109538	VALVE, SAFETY RELIEF 1 IN FNPT X 1 IN	BA0098748	SAFETY RELIEF VALVE
BA0109557	TUBING, STAINLESS STEEL 1 IN	BA0100034	PIPE
BA0109615	ROUND E5503-1	BA0112242	ECB Shaft Model 55
BA0109737	Cable Gland BRASS ATEX and IECEx Ø15,0-20,1mm, entry lenght 15mm	BA0042163	GLAND M25 EXE BRASS Ø13,0-20,2MM
BA0109738	CABLE GLAND BRASS ATEX AND IECEx Ø11-,0-15,0MM, ENTRY LENGHT 15MM	BA0106952	GLAND M25 EXE BRASS Ø9,5-15,4MM
BA0109740	CABLE GLAND BRASS ATEX AND IECEx Ø5,0-9,1MM, ENTRY LENGHT 15MM	BA0106955	GLAND M16 EXE BRASS Ø3,2-8,0MM
BA0109902	SEALING	BA0046013	SEALING
BA0109908	SWITCH MODULE	BA0104329	ACTUATOR F. SELECTOR SWITCH VERS. ComEx 0-1
BA0109909	HEATER ACTIVE LAMP	BA0104326	LAMP MODULE OPERATOR GREEN WITH NBR SEALING
BA0109910	LAMP MODULE	BA0104325	INDICATOR MODULE GN ComEx-Flex WITH TERMINALS
BA0109981	CABLE GLAND BRASS ATEX AND IECEx Ø75.0-81.0MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0109982	CABLE GLAND BRASS ATEX AND IECEx Ø69.0-75.0MM	BA0110808	GLAND M90 EXE BRASS Ø67-77,6MM
BA0109983	CABLE GLAND BRASS ATEX AND IECEx Ø58.0-63.0MM	BA0046106	GLAND M75 EXE BRASS Ø54,5-68,2MM
BA0109984	CABLE GLAND BRASS ATEX AND IECEx Ø62.0-68.0MM	BA0046106	GLAND M75 EXE BRASS Ø54,5-68,2MM
BA0109985	CABLE GLAND BRASS ATEX AND IECEx Ø65.0-70.0MM	BA0110808	GLAND M90 EXE BRASS Ø67-77,6MM
BA0109986	CABLE GLAND BRASS ATEX AND IECEx Ø60.0-66.0MM	BA0046106	GLAND M75 EXE BRASS Ø54,5-68,2MM
BA0109987	CABLE GLAND BRASS ATEX AND IECEx Ø56.0-62.0MM	BA0046106	GLAND M75 EXE BRASS Ø54,5-68,2MM
BA0110050	CABLE GLAND BRASS ATEX AND IECEx Ø78.0-83.0MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0110051	PRESSURE TRANSMITTER VEGABAR 54 ZONE 1	BA0120503	PRESSURE TRANSMITTER
BA0110072	GLUE FOR USE BETWEEN RUBBER AND METAL	BA0121780	GLUE FOR USE BETWEEN RUBBER AND METAL
BA0110097	SEAL KIT	BA0098936	SEAL KIT
BA0110126	SCREW KIT	BA0101559	BOLT KIT
BA0110131	FILLER BREATHER ASSY	BA0083068	LEVEL KIT F5-F6 W/AIR BREATHER
BA0110169	ADVANTECH UNO-2483G	BA0118885	ADVANTECH MIC7500
BA0110205	O-RING	BA0116087	O-RING
BA0110216	SAFETY RELAIS	BA0120033	EMERGENCY STOP RELAY PNOZ S5

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0110252	CONNECTOR, STUD STRAIGHT	BA0070936	CONNECTOR, STUD STRAIGHT
BA0110261	SEAMLESS COLDDRAWN STAINLESS STEEL TUBE	BA0074251	SEAMLESS STAINLESS STEEL TUBE
BA0110262	CONNECTOR, STUD STRAIGHT	BA0070930	CONNECTOR, STUD STRAIGHT
BA0110267	HEXAGON NUT	BA0039334	HEX NUT
BA0110324	SCU KNIFE M31/3	BA0063898	KNIFE M31/3
BA0110325	SCU FILTER BAG PURGE VALVE	BA0063904	SOLENOID FOR FILTER UNIT PURGE VALVE, 24V
BA0110326	SCU WASTE BAG SEAL LIP KIT M48/1-4	BA0063902	SET OF 4 RUBBER LIPS FOR WASTE BAG SECTION SK-01-M48/1-4
BA0110327	SCU BEARING, SPEAR SLIDE M34/2	BA0063901	OILON BEARING FOR SPEAR SLIDE M34/2
BA0110328	SCU BEARING, KNIFE SLIDE M34/1	BA0063900	OILON BEARING FOR KNIFE SLIDE M34/1
BA0110329	SCU CYLINDER REPAIR KIT DNU63 S6	BA0063907	PNEUMATIC CYLINDER SEAL KIT DNU63 S6 SEAL
BA0110331	SCU INLET CURTAIN M41/1	BA0063903	SACK INLET CURTAIN M41/1
BA0110346	SCU SPEAR	BA0081971	SPEAR
BA0110348	SCU WASTE BAG STRAP	BA0080062	EMPTY- SACK STRAP
BA0110350	SCU SPEAR TIP M24/3	BA0063899	SACK SPEAR TIP M24/3
BA0110351	SCU FILTER BAG PURGE MANIFOLD, PVC	BA0081973	FILTER BAG PURGE MANIFOLD, PVC
BA0110352	SCU SEAL, KNIFE SLIDE / KNIFE	BA0081974	SEAL, KNIFE SLIDE/KNIFE
BA0110383	VIBRATION DAMPERS (PAINTED)	BA0060486	VIBRATION DAMPER BSB 110 M16 70Sh
BA0110407	MH 1199054, PL37xØ720	BA1199054	END COVER
BA0110513	FILTER HOUSING	BA0101811	FILTER HOUSING
BA0110599	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0110685	VGA CABLE 25 FEET FOR DM512 MONITOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0110815	ELECTRIC MOTOR EEXDE IIB T4 1800RPM	BA0098392	ELECTRIC MOTOR EEXDE IIB T4 1762RPM
BA0110888	TE55T400: MINOR SERVICE KIT TOFTEJORG T-82 TANK CLEANING MACHINE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0110889	TE55T400: MINOR SERVICE KIT TOFTEJORG I40D TANK CLEANING MACHINE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0110921	NOZZLE	BA0115106	FOR RAPID BARITE MIXER. MATERIAL: POLYURETHANE PUR 90 SH.A.
BA0111014	DIAPHRAGM VALVE WITH SOLENOID	BA0115453	1" THREADED 200 SERIES VALVE AISI 316
BA0111120	ASME B16.20	BA0111109	ASME B16.20
BA0111123	ASME B16.20	BA0111119	2" SPIRAL WOUND
BA0111165	EXT. PIPE INCLUDING T-82- DRAWING NO.:20130527D	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0111169	ELECTRIC MOTOR 4-pol, 690V, 50Hz, 1,5kW, IP56, II 2 G Ex de IIC T4 Gb,	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0111171	5 METERS 1½" BSP/SS X 1½" BSP/SS-EPDM-WORKING PRESSURE 15BAR, OD Ø 51MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0111175	GUNCLEAN TOFTEJORG T-82: 2XØ8mm, ITEM no: 21B212, 1½" THREADED BSP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0112150	VALVE, DIRECTIONAL	BA0082262	DIRECTIONAL CONTROL VALVE NG6
BA0112151	VALVE, DIRECTIONAL	BA0086773	DIRECTIONAL VALVE D1VL020DN4J
BA0112152	SENSOR, PRESSURE E-10	BA0100053	PRESSURE TRANSMITTER
BA0112159	VALVE, COUNTERBALANCE	BA0059549	STD CAPACITY COUNTERBALANCE VALVE, CARTRIDGE FOR CAVITY T-11A
BA0112164	VALVE, DIRECTIONAL	BA0068589	LOGIC ELEMENT BALANCED POPPET NORMALLY CLOSED DIR.OPER.CARTRIDGE FOR
BA0112351	CYLINDER PIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0112479	ADSORBER DUO PLEX V 40-W-ME KIT W/VALVES, PIPING/CLAMPS	BA0116958	ADSORBER KIT COMPLETE, COVERS ALL TOP DRIVES
BA0112488	BALL VALVE KHM-G1 1/2 1112 06X	BA0115085	BALL VALVE
BA0112494	DIRECTIONAL VALVE D1VL020DN4J	BA0086773	DIRECTIONAL VALVE D1VL020DN4J
BA0112495	DIRECTIONAL VALVE D1VW020BNJEE	BA0082262	DIRECTIONAL CONTROL VALVE NG6
BA0112497	PRESSURE TRANS. E-10;GB;DX;0-250BAR;4-20MA;CABEL L=5M	BA0100053	PRESSURE TRANSMITTER
BA0112517	WATER TRAPS FOR HVAC DRAIN	BA0087093	WATER TRAPS FOR HVAC DRAIN
BA0112538	R404A REFRIGERENT	BA0098926	R404 REFRIGERENT
BA0112543	CHILLED WATER FLOW TRANSMITTER 2"	BA0103732	ELECTROMAGNETIC FLOW METER
BA0112560	SAFETY SWITCH GHG 262 2301 R0002	BA0112482	SAFETY SWITCH GHG 262 2301 R0002
BA0112725	WIRE ENCODER RZ9/GS80/K01	BA0119463	ROPE LENGTH TRANSMITTER W/ ENCODER
BA0112797	MAXS67 218HF-E M25	BA0111070	LIGHT FIXTURE 2X18W WITH BATTERY AND NOISE REDUCING SCREEN
BA0112798	MAXS 67 218HF M25	BA0111074	LIGHT FIXTURE 2X18W NOISE REDUCING SCREEN
BA0112967	ABS, RED	BA0027561-02	SET OF ELEVATOR LINKS, RAL 3002 CARMINE RED

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0112976	COOLING UNIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0113088	G0008519	BA0080443	MANIFOLD MOUNT O-RING KIT (COMPRESSION ASSY)
BA0113103	CABLE ENTRY FOR 800MM CABINET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0113241	PROXIMITY SENSOR FOR FESTO CYLINDERS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0113268	DEBOOSTER, PRESSURE COMPL.W/1502	BA0085450	4:1 DEBOOSTER
BA0113309	SUPPLY FAN MOTOR IN AHU	BA0101943	CIRCULAR DUCT FAN
BA0113335	CAUSTIC MIXER - WITH ANSI FLANGES AND NPT AIR SUPPLY	BAAS1000140	CAUSTIC MIXER - WITH ANSI FLANGES AND NPT AIR SUPPLY
BA0113369	RAPID BARITE MIXER, SHORT VERSION. TOTAL LENGTH UNDER FLANGE 2100mm	BAAS1000149	RAPID BARITE MIXER, SHORT VERSION. TOTAL LENGTH UNDER FLANGE 2100mm
BA0113488	IMPELLER BLADE	BA0081673	ROTOMUD AGITATOR IMPELLER BLADE Ø1800x110
BA0113515	PRESS.TRANSMITTER W/20 MTR.CABLE	BA0115855	PRESS. TRANSMITTER W/20 MTR. CABLE
BA0113758	RELAY 24V CARLO GAVAZZI	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0113892	SIGN PLATE LOGO 2.1, BLACK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0113945	FLEXIBLE HOSE	BA0023421	VENTILATION HOSE
BA0113962	FRAME FOR OIL GAUGE	BA0109899	FRAME
BA0114119	COVER 2	BA5305407	COVER 2
BA0114148	GLAND PACKING FOR 2" KITZ BALL VALVE	BA0114137	2" KITZ GLOBE VALVE; 150 UPAM
BA0114153	GASKET FOR 2" KITZ BALL VALVE	BA0114137	2" KITZ GLOBE VALVE; 150 UPAM
BA0114157	O-RING VITON 80FPM	BA0012539	VITON 80 SHORE
BA0114237	SIMATIC NET HARDNET-PB S7 V8.2 SW FOR S7	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0114360	SAFETY BLOCK FOR ACCUMULATOR	BA0076176	SAFETY BLOCK, KIT
BA0114534	GASKET, VICTUAULIC 5", 75 CPLG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0114535	PLUG WITH VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0114686	HEX NUT M24	BA0041014	NYLOCK NUT
BA0114827	HYDRAULIC HOSE COMPLETE	BA0057434	HYDRAULIC HOSE, COMPLETE
BA0114831	DIGITAL THERMOSTAT W/LIMIT RELAY 230VAC SUPPLY, PT100	BA0115390	THERMOSTAT W/LIMIT RELAY 230V SUPPLY, FOR PT100
BA0114838	174187-BS031 MUD STANDPIPE MANIFOLD	BAAS1000165	MUD STANDPIPE MANIFOLD, 4-1/16", 5K, EE-NL
BA0114871	WIRE LINE ROLLER BEARINGS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0114888	BELT	BA0072607	TIMING BELT
BA0115160	QUICK DISCONNECT, FEMALE, STAINLESS STEEL	BA0054768	QUICK-ACTION COUPLING, FEMALE
BA0115161	QUICK DISCONNECT, MALE, STAINLESS STEEL	BA0054767	QUICK-ACTION COUPLING, MALE
BA0115162	LOCKING PIN LSB	BA0102194	LOCKING PIN LSB
BA0115211	HOISTING WIRE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0115213	HEX NUT, METRIC FINE THREAD	BA0089577	HEX THIN NUT
BA0115252	RBE632-620SS	BA0034167	REDUCER AISI 316 W/FLANGE IN STEEL
BA0115286	4 SCREENS CARD FOR DELL XE2 CLIENTS	BA0176501	4 SCREENS CARD FOR DELL XE2 CLIENTS
BA0115336	PRESSURE GAUGE	BA0050960	PRESSURE GAUGE
BA0115412	MANIFOLD	BA0103723	MANIFOLD W/VALVES DRWG D001791 RAL 3002 CARMINE RED
BA0115414	MECHANICAL CONTROL/LEVER	BA0086688	MECHANICAL CONTROL
BA0115424	FLANGE O-RING	BA0150013	FLANGE O-RING
BA0115425	FLANGE O-RING	BA0056865	FLANGE O-RING
BA0115438	FLANGE, RETAIN RING SYSTEM	BA0150183	FLANGE, RETAIN RING SYSTEM
BA0115581	PROPORTIONAL VALVE WITH ELECTRONICS	BA0116809	PROPORTIONAL VALVE WITH ELECTRONICS
BA0115606	FLANGE, RETAIN RING SYSTEM	BA0115283	FLANGE, RETAIN RING SYSTEM
BA0115621	POWER SUPPLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0115816	GASKET SET FOR HYDRAULIC NUT HMV 72E	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0115889	T-82 TANK CLEANER, 2xØ10 NOZZLE WITH FIXED 1,5 INCH ANSI DRILLED FLANGE,	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0116015	FLANGE	BA0170985	FLANGE
BA0116075	SEAL KIT FOR HYDRAULIC CYLINDER BA0091177	BA0096648	SEAL KIT FOR PLUNGER CYLINDER - 16 KIPS
BA0116176	SIKA ACTIVATOR - 205	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0116255	O-RING KIT FOR HP FILTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0116256	AUTOMATION COMPUTER	BA0118885	ADVANTECH MIC7500

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0116323	SEAL KIT FOR DOUBLE HABONIM H28 11/4"BALL VALVE	BA0122116	SEAL KIT FOR DOUBLE HABONIM H28 11/4"BALL VALVE
BA0116345	SEAGATE 2.5" 900GB SAS 6Gb/s 10K RPM 64M + 2U TRAY	BA0120879	SEAGATE 2.5" 1200GB SAS 12Gb/s, 10K RPM, CACHE 256MB + 2U TRAY
BA0116510	7-3/4"OD X 3-1/16" ID Class 1-No Cert.	BA0116511	KELLY VALVE 7-3/4" OD x 3-1/16" ID Class 2, 15000 PSI
BA0116510-01	7-3/4"OD X 3-1/16" ID Class 1-DNV Cert.	BA0116511-01	KELLY VALVE 7-3/4" OD X 3-1/16" ID Class 2, 15000 PSI
BA0116510-02	7-3/4"OD X 3-1/16" ID Class 1-ABS Cert.	BA0116511-02	KELLY VALVE 7-3/4" OD X 3-1/16" ID CLASS 2, 15000 PSI
BA0116512	8-1/2"OD X 3-3/4" ID Class 1-No Cert.	BA0116513	KELLY VALVE 8-1/2" OD X 3-3/4" ID Class 2, 15000 PSI
BA0116512-01	8-1/2"OD X 3-3/4" ID Class 1-DNV Cert.	BA0116513-01	KELLY VALVE 8-1/2" OD X 3-3/4" ID Class 2, 15000 PSI
BA0116512-02	8-1/2"OD X 3-3/4" ID Class 1-ABS Cert.	BA0116513-02	KELLY VALVE 8-1/2" OD X 3-3/4" ID Class 2, 15000 PSI
BA0116562	VIB 6.12X DEX ACCELEROMETER MOUNTING SET 10EA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0116676	OIL COOLER UHOK-2,5-15-2	BA0091078	HEAT EXCHANGER
BA0116679	VALVE API 8 COMPL. FULL OPEN/HT EX	BA0116673	VALVE API 8 COMPL. FULL OPEN/HT EX
BA0116964	SIMATIC STEP 7 PROF. V14, UPGRADE 2006..2010 -> V14 COMBO FLOATING	BA0119423	SIMATIC STEP 7 PROF. V14, UPGRADE V11..V13 ->V14 COMBO FLOATING LICENSE
BA0117097	RETAINER BOLT	BA0117149	RETAINER BOLT
BA0117099	PIN SECURING PLATE	BA0117151	PIN SECURING PLATE
BA0117103	OVERLOAD SPRING	BA0117155	OVERLOAD SPRING
BA0117107	GREASE NIPPLE	BA0117158	GREASE NIPPLE
BA0117108	2/2 WAY DIRECTIONAL CONTROL VALVE	BA0117146	2/2 WAY DIRECTIONAL CONTROL VALVE
BA0117113	SPLIT PIN	BA0117164	SPLIT PIN
BA0117157	GREASE NIPPLE	BA0117106	GREASE NIPPLE
BA0117347	RADIO MC-CD-TRX EX 433.050-434.775MHz,10mW	BA0176431	RADIO MC-CD-TRX EX 433.050-434.775MHz,10mW
BA0117353	SEAGATE 2.5" 900GB SAS 12Gb/s 10K, CATCHE 128M + 2U TRAY	BA0120879	SEAGATE 2.5" 1200GB SAS 12Gb/s, 10K RPM, CACHE 256MB + 2U TRAY
BA0117363	MH 5097238, 10" SEAL CARRIER, L=19mm	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0118132	MAIN ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0118133	BASKET SUPPORT ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0118134	TELESCOPE ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0118135	HINGED BASKET ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0118136	REMOTE STAND ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0118165	HP HOSES MUD 170751-BS051	BA0116470	HP HOSES 170751-BS051
BA0118168	BUG BLOWER 170751-GK011	BA0116501	BUG BLOWER 170751-GK011
BA0118292	LOAD CELL SHEAR-PIN DRAWING ME01632 Rev. B	BA0174144	LOAD CELL SHEAR-PIN WITH 10 M CABLE, DRAWING 120217 Rev. A
BA0118443	VEGASWING 61 LEVEL SWITCH: PLASTIC HOUSING, A-EX, G1 THREADS	BA0110317	LEVEL SWITCH: PLASTIC HOUSING, A-EX, G1 THREADS
BA0118481	COMMUNICATION CARD FOR TEMPOSONIC PROFIBUS SENSOR	BA0064610	PROFIBUS TERMINALPRINT KIT
BA0118653	CCTV CAMERA FULL HD EX Fixed PTZ Zone 1	BA0173428	CCTV CAMERA FULL HD EX Fixed PTZ Zone 1
BA0118767	MOUNTING PLATE 1200X800	BA0121709	MOUNTING PLATE 1200X800
BA0118777	CHECK POINT FIREWALL 3100	BA0170567	CHECK POINT FIREWALL 3100 WITH SSD
BA0118850	ASSEMBLY, CYLINDER, DOOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0118865	VALVE FULL OPEN HIGH TEMP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0118943	HEATING ELEMENT FOR COMPRESSOR	BA0077725	ELEC. HEATING ELEMENT IN COMP. MOTOR
BA0119022	CATX DVI+USB EXTENDER EC TRANSMITTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0119058	PALFINGER PK 50002	BA0119068	GLIDING PASTE
BA0119059	PALFINGER PK 50002	BA0119067	MANOMETER SET
BA0119060	PALFINGER PK 50002	BA0119573	EMERGENCY STOP VALVE (EEX)
BA0119061	PALFINGER PK 50002	BA0119574	SEQUENCE VALVE
BA0119062	PALFINGER PK 50002	BA0119570	SEAL KIT EXTENSION CYLINDER 1
BA0119063	PALFINGER PK 50002	BA0119577	WINCH OVERLOAD VALVE
BA0119064	PALFINGER PK 50002	BA0119133	GREASE NIPPLE 90° DIN 71412-C M10*1 STAINLESS STEEL
BA0119116	PALFINGER PK50002	BA0119136	HP FILTER ELEMENT
BA0119117	PALFINGER PK50002	BA0119571	SEAL KIT F. WINCH 6.5T ATEX
BA0119118	PALFINGER PK 50002	BA0119580	SEAL KIT FOR CONTROL VALVE, HANDLE HOUSING
BA0119119	PALFINGER PK50002	BA0119579	SEAL KIT FOR CONTROL VALVE, END ELEMENT
BA0119122	PALFINGER PK50002	BA0119131	SEAL KIT FOR CONTROL VALVE, INLET SECTION

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0119123	PALFINGER PK50002	BA0119132	GREASE NIPPLE M10X1.00 STAINLESS STEEL
BA0119124	PALFINGER PK 50002	BA0119134	SEAL KIT FOR MAIN/OUTER BOOM CYL.
BA0119125	PALFINGER PK50002	BA0119135	SEAL KIT EXTENSION CYLINDER 2,3
BA0119138	PALFINGER PK 50002	BA0119137	SEAL KIT FOR SLEWING GEAR
BA0119162	BRAKE	BA0170696	BRAKE PACKAGE + INSTALLATION MATERIAL
BA0119164	HARDDISK 480GB FOR S-SERIES SUPERMICRO	BA0121857	SSD DISK, INTEL S4610 480GB SATA IN HOT SWAP TRAY
BA0119168	POWER SUPPLY FOR 1U SUPERMICRO	BA0173296	SUPERMICRO PWS-407P-1R 400W PSU
BA0119171	RECEIVER ADAPTER GASKET	BA0112807	BONDED SEALING RING, FOR DRYER - HP COMPRESSORS
BA0119412	CAT7 CABLE WT CONNECTORS M12 / RJ45. 4M	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0119415	BRACKETS FOR PARTIAL MOUNTING PLATES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0119501	PLATE HEAT EXCHANGER 150kW, TITAN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0119512	VIBXPERT II INSTRUMENT WITH ACCESSORIES	BA0112336	VIBXPERT II DIAGNOSTIC PACKAGE 1-CH. WITHOUT OMNITREND SW
BA0119593	GEARBOX FOR DDM 650 E-II-AC, 5000 PSI	BA0119471	SWIVEL AND GEARBOX FOR DDM-650-E-AC, RAL 3002 RED
BA0119636	HP LASERJET PRO M452DN, A4 COLOR PRINTER	BA0130421	HP COLOR LASERJET PRO M454DN, A4 COLOR PRINTER
BA0119716	THREADED BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0119761	SEAGATE 3.5" 4TB SATA 6Gb/s 7.2K RPM 128M MAKARA (512E)	BA0172635	SEAGATE 3.5" 4TB SATA 6Gb/s 7.2K RPM 128MB Makara BP (512E) + HOT-SWAP
BA0119915	6" SHEAR MIXER EDUCTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0120125	PRESSURE GAUGE (POS. 10)	BA0119762	PRESSURE GAUGE ATEX CERT.
BA0120175	PRESSURE RELIEF VALVE	BA0120749	CONVERSION KIT
BA0120273	COILED PIN	BA0044062	SPRING PIN
BA0120304	CARTRIDGE, LOGIC ELEMENT	BA0120322	CARTRIDGE, PILOT TO OPEN CHECK, LKHCXDN
BA0120316	VALVE, CAMP OPERATED, 2 WAY, NORMALLY CLOSED	BA0174893	VALVE, CAM OPERATED, 2 WAY, NORM CLOSED OR OPEN
BA0120469	LUBRICATION PUMP - MOTOR UNIT	BA0174202	Lubrication pump with hydr. drive
BA0120504	MOBILE COMPUTER, I.ROC® Ci70 -EX WITH UHF HEAD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0120565	INTEL S4600 240GB, SATA 6Gb/s, 3D, TLC 2.5", 3DWPD + SUPERMICRO BLACK	BA0121859	SSD DISK, INTEL S4610 240gb SATA IN HOT SWAP TRAY
BA0120646	SHACKLE LINK	BA0048969	SHACKLE JOINT
BA0120658	TOOTHED WHEEL, DETAIL 90X40MM	BA5059682	TOOTHED WHEEL
BA0120901	CASING TONG, 14000-100K X 15000 LJ BU, TENSION, REMOTE READY	BA0124707	CASING TONG, 14000-100K X 15000 LJ BU, TENSION, REMOTE READY
BA0120922	BUSH	BA0090276	SLEEVE BUSHING
BA0120973	LINK BELT ROLLER CHAIN 92 LINK 6-STRAND	BA0120962	ROLLER CHAIN FOR MUD PUMP
BA0121036	BANNER WIRELESS NODE, DX99, 2.4GHZ, ZONE 0, INPUT: 2x DISC/2x 0-10V	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0121090	EAR ROD 170/CH70X70 B65 M70X2	BA0117376	EAR FOR PISTON ROD
BA0121104	CONNECTOR, ADAPTER	BA0083856	CONNECTOR, ADAPTER
BA0121107	CONNECTOR, STRAIGHT	BA0010772	CONNECTOR, STRAIGHT
BA0121108	CONNECTOR, REDUCER STRAIGHT	BA0056189	CONNECTOR, REDUCER STRAIGHT
BA0121111	FLANGE, BLIND	BA0123116	FLANGE, BLIND
BA0121117	CLAMP	BA0030979	CLAMP
BA0121242	WELD PLATE	BA0052427	WELD PLATE
BA0121246	UNION DIN 10L 1/2"NPT KROPP	BA0121245	CONNECTOR, STUD STRAIGHT
BA0121298	TAPERED ROLLER BEARING	BA0175047	TAPERED ROLLER BEARING
BA0121341	SPLINED JAW 14"	BA0173932	HIGH TORQUE BACKUP DOVETAIL DIE ADAPTOR
BA0121346	INSTRUMENT ASSEMBLY 2" 150 LBS MUD RETURN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0121347	PURGING FLANGE 2" 150 LBS. 1/4 BSP MUD RETURN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0121368	BA0121368-BC06-POWER DISTR DRIVE SYSTEM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0121576	PARTIAL MOUNTING PLATE 800x500	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0121703	BEARING/SEAL-KIT	BA0085406	BEARING KIT FOR SLEW GEAR
BA0121743	MOUNTING RAIL 17x73 FOR 800 DOOR, L=690	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0121762	INTEL S4610 480GB, SATA 6GB/S 3D, TLC2,5" 3DWPD WITH BLACK TRAY	BA0121857	SSD DISK, INTEL S4610 480GB SATA IN HOT SWAP TRAY
BA0121931	LICENSE VEEAM AGENT BY SERVER INCL. 3 YEAR SUBSCRIPTION	BA0171672	VEEAM BACKUP <(>&<) REPLICATION, 1 BUNDLE OF 10 UNIVERSAL LICENSES,
BA0121932	LICENSE VEEAM AGENT BY SERVER SUBSCRIPTION	BA0171672	VEEAM BACKUP <(>&<) REPLICATION, 1 BUNDLE OF 10 UNIVERSAL LICENSES,
BA0121933	LICENSE VEEAM AGENT BY WORKSTATION SUBSCRIPTION	BA0171672	VEEAM BACKUP <(>&<) REPLICATION, 1 BUNDLE OF 10 UNIVERSAL LICENSES,

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0121934	VEEAM AGENT LICENSED BY WORKSTATION 3 YEAR SUBSCRIPTION UPFRONT BILLING	BA0171672	VEEAM BACKUP <(>&<)> REPLICATION, 1 BUNDLE OF 10 UNIVERSAL LICENSES,
BA0122137	FILTER ELEMENT BRANDED STAT-FREE	BA0086419	FILTER ELEMENT STAT-FREE
BA0122246	SEAL KIT FOR VA321400022398	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0122280	EXI TEMPERATURE MEASURING TRANSDUCER, SAFETY RELAY OUTPUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0122471	OPERATING CONTROL VALVES 316SS WITH COIL	BA0115930	OPERATING CONTROL VALVES 316SS WITH COIL
BA0122493	LED BULB 5,5W LIGHT BULB FOR KFL 7 LED	BA0122941	LED MR16 5W 10-30V LIGHT BULD
BA0122644	VEEAM BACKUP <(>&<)> REPLICATION STD 10 INSTANCES, VM+PHYSICAL - 5YR	BA0171672	VEEAM BACKUP <(>&<)> REPLICATION, 1 BUNDLE OF 10 UNIVERSAL LICENSES,
BA0122647	Ex WIRELESS INDUCTIVE SENSOR	BA0171049	Ex WIRELESS INDUCTIVE SENSOR
BA0122657	VEEAM BACKUP <(>&<)> REPLICATION STD 10 INSTANCES, VM+PHYSICAL - 4YR	BA0171673	VEEAM BACKUP <(>&<)> REPLICATION, 1 BUNDLE OF 10 UNIVERSAL LICENSES,
BA0122950	72" SHEAVE, WIRE 2", ORDINARY, ABS UNPAINTED	BA5304977-02	SINGLE 72" WIRESHEAVE, 2" WIRE, ORDINARY, ABS, UNPAINTED
BA0123011	CONNECTOR, STUD STRAIGHT	BA0019264	CONNECTOR, STUD STRAIGHT
BA0123012	CONNECTOR, PLUG	BA0015047	CONNECTOR, PLUG
BA0123013	CONNECTOR, GAUGE ADAPTER	BA0010703	CONNECTOR, GAUGE ADAPTER
BA0123016	CONNECTOR, BULKHEAD ELBOW	BA0123015	CONNECTOR, BULKHEAD ELBOW
BA0123017	CONNECTOR, SWIVEL STUD STRAIGHT	BA0071378	CONNECTOR, SWIVEL STUD STRAIGHT
BA0123018	CONNECTOR, STRAIGHT	BA0033482	CONNECTOR, STRAIGHT
BA0123019	CONNECTOR, STUD ELBOW	BA0015045	CONNECTOR, PLUG
BA0123021	CONNECTOR, SWIVEL BRANCH TEE	BA0010735	CONNECTOR, SWIVEL BRANCH TEE
BA0123023	O-RING	BA0016305	O-RING
BA0123024	O-RING	BA0013047	O-RING
BA0123027	CONNECTOR, SWIVEL WITH O-RING 45DEG ELBOW	BA0032948	CONNECTOR, SWIVEL WITH O-RING 45DEG ELBOW
BA0123030	CONNECTOR, SWIVEL WITH O-RING ELBOW	BA0032947	CONNECTOR, SWIVEL WITH O-RING ELBOW
BA0123031	CONNECTOR, TEE	BA0010763	CONNECTOR, TEE
BA0123032	CONNECTOR, PLUG	BA0015046	CONNECTOR, PLUG
BA0123039	CONNECTOR, ELBOW 45DEG	BA0010649	CONNECTOR, STUD STRAIGHT
BA0123050	CONNECTOR, ADAPTER	BA0124034	CONNECTOR, ADAPTER
BA0123051	CONNECTOR, ADAPTER	BA0124031	CONNECTOR, ADAPTER
BA0123052	CONNECTOR, ADAPTER	BA0124032	CONNECTOR, ADAPTER
BA0123053	CONNECTOR, ADAPTER	BA0124034	CONNECTOR, ADAPTER
BA0123060	FLANGE, ONE-PIECE CLAMP AND HEAD	BA0124262	FLANGE, ONE-PIECE CLAMP AND HEAD
BA0123061	FLANGE, ONE-PIECE CLAMP AND HEAD	BA0124252	FLANGE, ONE-PIECE CLAMP AND HEAD
BA0123063	FLANGE, ONE-PIECE CLAMP AND HEAD	BA0124254	FLANGE, ONE-PIECE CLAMP AND HEAD
BA0123064	FLANGE, ONE-PIECE CLAMP AND HEAD	BA0124255	FLANGE, ONE-PIECE CLAMP AND HEAD
BA0123065	FLANGE, ONE-PIECE CLAMP AND HEAD	BA0124256	FLANGE, ONE-PIECE CLAMP AND HEAD
BA0123067	FLANGE, ONE-PIECE CLAMP AND HEAD	BA0124257	FLANGE, ONE-PIECE CLAMP AND HEAD
BA0123068	FLANGE, ONE-PIECE CLAMP AND HEAD	BA0124258	FLANGE, ONE-PIECE CLAMP AND HEAD
BA0123069	FLANGE, ONE-PIECE CLAMP AND HEAD	BA0124259	FLANGE, ONE-PIECE CLAMP AND HEAD
BA0123070	FLANGE, ONE-PIECE CLAMP AND HEAD	BA0124260	FLANGE, ONE-PIECE CLAMP AND HEAD
BA0123071	FLANGE, ONE-PIECE CLAMP AND HEAD	BA0124261	FLANGE, ONE-PIECE CLAMP AND HEAD
BA0123072	CONNECTOR, REDUCER STRAIGHT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0123073	CONNECTOR, REDUCER STRAIGHT	BA0124080	CONNECTOR, REDUCER STRAIGHT
BA0123074	CONNECTOR, REDUCER STRAIGHT	BA0124081	CONNECTOR, REDUCER STRAIGHT
BA0123075	CONNECTOR, REDUCER STRAIGHT	BA0124082	CONNECTOR, REDUCER STRAIGHT
BA0123076	CONNECTOR, REDUCER STRAIGHT	BA0124083	CONNECTOR, REDUCER STRAIGHT
BA0123077	CONNECTOR, REDUCER STRAIGHT	BA0124084	CONNECTOR, REDUCER STRAIGHT
BA0123078	CONNECTOR, REDUCER STRAIGHT	BA0124085	CONNECTOR, REDUCER STRAIGHT
BA0123079	CONNECTOR, REDUCER STRAIGHT	BA0124086	CONNECTOR, REDUCER STRAIGHT
BA0123080	CONNECTOR, REDUCER STRAIGHT	BA0124087	CONNECTOR, REDUCER STRAIGHT
BA0123081	CONNECTOR, REDUCER STRAIGHT	BA0124088	CONNECTOR, REDUCER STRAIGHT
BA0123082	CONNECTOR, REDUCER STRAIGHT	BA0124089	CONNECTOR, REDUCER STRAIGHT
BA0123083	CONNECTOR, STUD STRAIGHT	BA0124221	CONNECTOR, STUD STRAIGHT

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0123084	CONNECTOR, STUD STRAIGHT	BA0124222	CONNECTOR, STUD STRAIGHT
BA0123085	CONNECTOR, STUD STRAIGHT	BA0124223	CONNECTOR, STUD STRAIGHT
BA0123086	CONNECTOR, STUD STRAIGHT	BA0124224	CONNECTOR, STUD STRAIGHT
BA0123087	CONNECTOR, STUD STRAIGHT	BA0123088	CONNECTOR, STUD STRAIGHT
BA0123089	CONNECTOR, STUD STRAIGHT	BA0124225	CONNECTOR, STUD STRAIGHT
BA0123090	CONNECTOR, STUD STRAIGHT	BA0124226	CONNECTOR, STUD STRAIGHT
BA0123091	CONNECTOR, STUD STRAIGHT	BA0124228	CONNECTOR, STUD STRAIGHT
BA0123092	CONNECTOR, STUD STRAIGHT	BA0124212	CONNECTOR, STUD STRAIGHT
BA0123093	CONNECTOR, STUD STRAIGHT	BA0124213	CONNECTOR, STUD STRAIGHT
BA0123094	CONNECTOR, STUD STRAIGHT	BA0124214	CONNECTOR, STUD STRAIGHT
BA0123095	CONNECTOR, STUD STRAIGHT	BA0124215	CONNECTOR, STUD STRAIGHT
BA0123096	CONNECTOR, STUD STRAIGHT	BA0124216	CONNECTOR, STUD STRAIGHT
BA0123097	CONNECTOR, STUD STRAIGHT	BA0124217	CONNECTOR, STUD STRAIGHT
BA0123098	CONNECTOR, STUD STRAIGHT	BA0124229	CONNECTOR, STUD STRAIGHT
BA0123099	CONNECTOR, STUD STRAIGHT	BA0124218	CONNECTOR, STUD STRAIGHT
BA0123100	CONNECTOR, STUD STRAIGHT	BA0124230	CONNECTOR, STUD STRAIGHT
BA0123101	CONNECTOR, STUD STRAIGHT	BA0124219	CONNECTOR, STUD STRAIGHT
BA0123102	CONNECTOR, STUD STRAIGHT	BA0124227	CONNECTOR, STUD STRAIGHT
BA0123103	CONNECTOR, STUD STRAIGHT	BA0124220	CONNECTOR, STUD STRAIGHT
BA0123113	CONNECTOR, TEST COUPLING	BA0124238	CONNECTOR, TEST COUPLING
BA0123117	CONNECTOR, REDUCER STRAIGHT	BA0124099	CONNECTOR, REDUCER STRAIGHT
BA0123120	CONNECTOR, REDUCER STRAIGHT	BA0124121	CONNECTOR, REDUCER STRAIGHT
BA0123121	CONNECTOR, REDUCER STRAIGHT	BA0124122	CONNECTOR, REDUCER STRAIGHT
BA0123122	CONNECTOR, REDUCER STRAIGHT	BA0124147	CONNECTOR, REDUCER STRAIGHT
BA0123125	CONNECTOR, REDUCER STRAIGHT	BA0124100	CONNECTOR, REDUCER STRAIGHT
BA0123126	CONNECTOR, REDUCER STRAIGHT	BA0124101	CONNECTOR, REDUCER STRAIGHT
BA0123127	CONNECTOR, REDUCER STRAIGHT	BA0124123	CONNECTOR, REDUCER STRAIGHT
BA0123128	CONNECTOR, REDUCER STRAIGHT	BA0124102	CONNECTOR, REDUCER STRAIGHT
BA0123129	CONNECTOR, REDUCER STRAIGHT	BA0124148	CONNECTOR, REDUCER STRAIGHT
BA0123133	CONNECTOR, REDUCER STRAIGHT	BA0124103	CONNECTOR, REDUCER STRAIGHT
BA0123134	CONNECTOR, REDUCER STRAIGHT	BA0124124	CONNECTOR, REDUCER STRAIGHT
BA0123135	CONNECTOR, REDUCER STRAIGHT	BA0124104	CONNECTOR, REDUCER STRAIGHT
BA0123136	CONNECTOR, REDUCER STRAIGHT	BA0124150	CONNECTOR, REDUCER STRAIGHT
BA0123137	CONNECTOR, REDUCER STRAIGHT	BA0124151	CONNECTOR, REDUCER STRAIGHT
BA0123138	CONNECTOR, REDUCER STRAIGHT	BA0124105	CONNECTOR, REDUCER STRAIGHT
BA0123140	CONNECTOR, REDUCER STRAIGHT	BA0124152	CONNECTOR, REDUCER STRAIGHT
BA0123141	CONNECTOR, REDUCER STRAIGHT	BA0124106	CONNECTOR, REDUCER STRAIGHT
BA0123142	CONNECTOR, REDUCER STRAIGHT	BA0124107	CONNECTOR, REDUCER STRAIGHT
BA0123147	CONNECTOR, REDUCER STRAIGHT	BA0124154	CONNECTOR, REDUCER STRAIGHT
BA0123148	CONNECTOR, REDUCER STRAIGHT	BA0124155	CONNECTOR, REDUCER STRAIGHT
BA0123149	CONNECTOR, REDUCER STRAIGHT	BA0124108	CONNECTOR, REDUCER STRAIGHT
BA0123151	CONNECTOR, REDUCER STRAIGHT	BA0124156	CONNECTOR, REDUCER STRAIGHT
BA0123152	CONNECTOR, REDUCER STRAIGHT	BA0124157	CONNECTOR, REDUCER STRAIGHT
BA0123153	CONNECTOR, REDUCER STRAIGHT	BA0124109	CONNECTOR, REDUCER STRAIGHT
BA0123154	CONNECTOR, REDUCER STRAIGHT	BA0124159	CONNECTOR, REDUCER STRAIGHT
BA0123155	CONNECTOR, REDUCER STRAIGHT	BA0124125	CONNECTOR, REDUCER STRAIGHT
BA0123156	CONNECTOR, REDUCER STRAIGHT	BA0124126	CONNECTOR, REDUCER STRAIGHT
BA0123158	CONNECTOR, REDUCER STRAIGHT	BA0124161	CONNECTOR, REDUCER STRAIGHT
BA0123161	CONNECTOR, REDUCER STRAIGHT	BA0124162	CONNECTOR, REDUCER STRAIGHT
BA0123163	CONNECTOR, REDUCER STRAIGHT	BA0124110	CONNECTOR, REDUCER STRAIGHT
BA0123165	CONNECTOR, REDUCER STRAIGHT	BA0124111	CONNECTOR, REDUCER STRAIGHT

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0123166	CONNECTOR, REDUCER STRAIGHT	BA0124112	CONNECTOR, REDUCER STRAIGHT
BA0123167	CONNECTOR, REDUCER STRAIGHT	BA0124113	CONNECTOR, REDUCER STRAIGHT
BA0123168	CONNECTOR, REDUCER STRAIGHT	BA0124114	CONNECTOR, REDUCER STRAIGHT
BA0123169	CONNECTOR, REDUCER STRAIGHT	BA0124163	CONNECTOR, REDUCER STRAIGHT
BA0123170	CONNECTOR, REDUCER STRAIGHT	BA0124115	CONNECTOR, REDUCER STRAIGHT
BA0123171	CONNECTOR, REDUCER STRAIGHT	BA0124127	CONNECTOR, REDUCER STRAIGHT
BA0123174	CONNECTOR, REDUCER STRAIGHT	BA0124164	CONNECTOR, REDUCER STRAIGHT
BA0123175	CONNECTOR, REDUCER STRAIGHT	BA0124165	CONNECTOR, REDUCER STRAIGHT
BA0123178	CONNECTOR, REDUCER STRAIGHT	BA0124116	CONNECTOR, REDUCER STRAIGHT
BA0123179	CONNECTOR, REDUCER STRAIGHT	BA0124117	CONNECTOR, REDUCER STRAIGHT
BA0123180	CONNECTOR, REDUCER STRAIGHT	BA0124166	CONNECTOR, REDUCER STRAIGHT
BA0123181	CONNECTOR, REDUCER STRAIGHT	BA0124118	CONNECTOR, REDUCER STRAIGHT
BA0123187	CONNECTOR, REDUCER STRAIGHT	BA0124169	CONNECTOR, REDUCER STRAIGHT
BA0123188	CONNECTOR, REDUCER STRAIGHT	BA0124128	CONNECTOR, REDUCER STRAIGHT
BA0123189	CONNECTOR, REDUCER STRAIGHT	BA0124129	CONNECTOR, REDUCER STRAIGHT
BA0123193	CONNECTOR, REDUCER STRAIGHT	BA0124170	CONNECTOR, REDUCER STRAIGHT
BA0123198	CONNECTOR, STUD ELBOW	BA0124201	CONNECTOR, STUD ELBOW
BA0123200	CONNECTOR, STUD 45DEG ELBOW	BA0124199	CONNECTOR, STUD 45DEG ELBOW
BA0123201	CONNECTOR, STUD ELBOW	BA0124204	CONNECTOR, STUD ELBOW
BA0123202	CONNECTOR, STUD 45DEG ELBOW	BA0124200	CONNECTOR, STUD 45DEG ELBOW
BA0123203	CONNECTOR, STUD ELBOW	BA0124202	CONNECTOR, STUD ELBOW
BA0123204	CONNECTOR, STUD ELBOW	BA0124205	CONNECTOR, STUD ELBOW
BA0123205	CONNECTOR, STUD ELBOW	BA0124203	CONNECTOR, STUD ELBOW
BA0123206	CONNECTOR, STUD ELBOW	BA0124206	CONNECTOR, STUD ELBOW
BA0123207	CONNECTOR, STUD ELBOW	BA0124207	CONNECTOR, STUD ELBOW
BA0123208	CONNECTOR, STUD ELBOW	BA0124208	CONNECTOR, STUD ELBOW
BA0124026	CONNECTOR, ADAPTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0124034	CONNECTOR, ADAPTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0124182	EO2-FORM SEAL, STEEL, NBR	BA0150083	EO2-FORM SEAL, STEEL, NBR
BA0124183	EO2-FORM SEAL, STEEL, NBR	BA0150084	EO2-FORM SEAL, STEEL, NBR
BA0124188	EO2-FORM SEAL, STEEL, NBR	BA0150085	EO2-FORM SEAL, STEEL, NBR
BA0124191	EO2-FORM SEAL, STEEL, NBR	BA0150086	EO2-FORM SEAL, STEEL, NBR
BA0124196	EO2-FORM SEAL, STEEL, NBR	BA0150087	EO2-FORM SEAL, STEEL, NBR
BA0124237	CONNECTOR, TEST COUPLING	BA0070974	CONNECTOR, TEST COUPLING
BA0124291	HOSE FITTING, SWIVEL ELBOW	BA0150704	HOSE FITTING
BA0124293	HOSE FITTING, SWIVEL ELBOW	BA0150712	HOSE FITTING
BA0124294	HOSE FITTING, SWIVEL ELBOW	BA0150715	HOSE FITTING
BA0124295	HOSE FITTING, SWIVEL ELBOW	BA0150717	HOSE FITTING
BA0124296	HOSE FITTING, SWIVEL ELBOW	BA0150718	HOSE FITTING
BA0124553	HMI PC PROGRAMMED	BA0119624	HMI PC
BA0124603	KRAMER DP HYBRID 20M LSZH - 4K HDCP2.2 EDID DPCP BLACK	BA0174554	KRAMER DP HYBRID 20M LSZH - 8K 32.4Gbps HDCP2.2 EDID DPCP BLACK
BA0124624	VEEAM BACKUP <(>&<) REPLICATION STD 10 INSTANCES, VM+PHYSICAL - 1MTH	BA0171676	VEEAM BACKUP <(>&<) REPLICATION, 1 BUNDLE OF 10 UNIVERSAL LICENSES,
BA0124671	CABLE, BNC STR., BNC CHASS. 2XANTI-KINK, RG 58	BA0173123	EXTENTION CABLE FOR ANALOG MAESURING CHANNEL, 5M
BA0124707	CASING TONG, 14000-100K X 15000 LJ BU, TENSION, REMOTE READY	BA0176202	CASING TONG, 14000-100K X 15000 LJ BU, TENSION, REMOTE READY
BA0130020	SPECIAL TOOL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0130022	SPECIAL TOOL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0130034	ADAPTER PLATE FOR 4/2 DIR. VALVE BA0074855	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0130132	GUIDE ROLLER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0130153	MH 5106592, Item 5, BUSHING, Ø100/75, L=50	BA5117005	FLANGED BUSHING Ø100/75 L=50 SCANCOT T2 MARINE
BA0130159	PENDANT CONTROL FOR FINGERBOARD WINCH	BA0117308	PENDANT CONTROL FOR FINGERBOARD WINCH WITHOUT EMERGENCYSTOP
BA0130183	PVC-HOSE TRANSPARENT	BA0095256	PVC-HOSE TRANSPARENT

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0130196	POWER SUPPLY EATON ATS 16A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0130263	EDUCTOR NOZZLE, Ø58	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0130278	CONSUMABLES BUNDLE, RAMHPU, LOW PRESSURE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0130279	CONSUMABLES BUNDLE, RAMHPU,HIGH PRESSURE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0130301	ADC CABINET FOR SIMULATOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0130304	FANCASE MR280 WIDE LH <(>&< >> RH ST.ST.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0130315	HYDRAULIC CYLINDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0130336	AXLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0130337	SPROCKET STEEL ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0130353	3U SAS SUPERMICRO M/RTX (C SERIES) REV. 2.0 TRANSOCEAN SPITSBERGEN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0130355	3U SAS SUPERMICRO DC (C SERIES) REV. 2.0 TRANSOCEAN SPITSBERGEN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0130370	FACE SEAL KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0130385	HYDRAULIC HOSE COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0130433	EL. LOOP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0130435	EL. LOOP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0130439	EL. LOOP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0130461	TEMPOSONIC POSITION SENSOR FOR CYLINDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0130472	SHIMS FOR ADJUSTMENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0130473	SHIMS FOR ADJUSTMENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0130514	FILTER ELEMENT	BA0175151	FILTER ELEMENT
BA0130585	SEALING RING	BA0057800	SEALING RING
BA0150031	QUICK-ACTION COUPLING, PLUG	BA0028764	QUICK-ACTION COUPLING, PLUG
BA0150075	CONNECTOR, SWIVEL WITH O-RING STRAIGHT	BA0123195	CONNECTOR, SWIVEL WITH O-RING STRAIGHT
BA0150077	CONNECTOR, SWIVEL WITH O-RING STRAIGHT	BA0124231	CONNECTOR, SWIVEL WITH O-RING STRAIGHT
BA0150079	CONNECTOR, SWIVEL WITH O-RING STRAIGHT	BA0123196	CONNECTOR, SWIVEL WITH O-RING STRAIGHT
BA0150082	CONNECTOR, BLANKING END	BA0124044	CONNECTOR, BLANKING END
BA0150102	FLANGE, ADAPTER	BA0150103	FLANGE, ADAPTER
BA0150104	CONNECTOR, REDUCER STRAIGHT	BA0010716	CONNECTOR, REDUCER STRAIGHT
BA0150108	CONNECTOR, REDUCER STRAIGHT	BA0047502	CONNECTOR, REDUCER STRAIGHT
BA0150109	CONNECTOR, REDUCER STRAIGHT	BA0034519	CONNECTOR, REDUCER STRAIGHT
BA0150110	QUICK-ACTION COUPLING, CAP	BA0028763	QUICK-ACTION COUPLING, CAP
BA0150113	EO2-FORM SEAL, STEEL, FKM	BA0124186	EO2-FORM SEAL, STEEL, FKM
BA0150114	EO2-FORM SEAL, STEEL, FKM	BA0124189	EO2-FORM SEAL, STEEL, FKM
BA0150115	EO2-FORM SEAL, STEEL, FKM	BA0124192	EO2-FORM SEAL, STEEL, FKM
BA0150116	EO2-FORM SEAL, STEEL, FKM	BA0124194	EO2-FORM SEAL, STEEL, FKM
BA0150140	RETAIN RING	BA0150196	RETAIN RING
BA0150144	FLANGE ADAPTER, RETAIN RING SYSTEM	BA0150212	FLANGE ADAPTER, RETAIN RING SYSTEM
BA0150152	EO2-FORM SEAL, STEEL, FKM	BA0124197	EO2-FORM SEAL, STEEL, FKM
BA0150159	CONNECTOR, ADAPTER	BA0051219	CONNECTOR, ADAPTER
BA0150229	CONNECTOR, GAUGE COUPLING	BA0150105	CONNECTOR, GAUGE COUPLING
BA0150820	CONNECTOR, ADAPTER	BA0063715	CONNECTOR, ADAPTER
BA0150825	CONNECTOR, ADAPTER	BA0046803	CONNECTOR, ADAPTER
BA0150826	CONNECTOR, ADAPTER	BA0046802	CONNECTOR, ADAPTER
BA0150829	CONNECTOR, ADAPTER	BA0046196	CONNECTOR, ADAPTER
BA0150830	CONNECTOR, ADAPTER	BA0035747	CONNECTOR, ADAPTER
BA0150831	CONNECTOR, ADAPTER	BA0046197	CONNECTOR, ADAPTER
BA0150932	FLANGE ADAPTER, RETAIN RING SYSTEM	BA0150917	FLANGE ADAPTER, RETAIN RING SYSTEM
BA0150939	FLANGE ADAPTER, RETAIN RING SYSTEM	BA0150917	FLANGE ADAPTER, RETAIN RING SYSTEM
BA0150958	FLANGE, RETAIN RING SYSTEM	BA0150754	FLANGE, RETAIN RING SYSTEM
BA0150961	FLANGE, BLIND	BA0150960	FLANGE, BLIND
BA0150963	CONNECTOR, REDUCER STRAIGHT	BA0047503	CONNECTOR, REDUCER STRAIGHT

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0150969	CONNECTOR, REDUCER STRAIGHT	BA0010760	CONNECTOR, REDUCER STRAIGHT
BA0150971	CONNECTOR, REDUCER STRAIGHT	BA0010761	CONNECTOR, REDUCER STRAIGHT
BA0150973	CONNECTOR, REDUCER STRAIGHT	BA0010762	CONNECTOR, REDUCER STRAIGHT
BA0150974	CONNECTOR, REDUCER STRAIGHT	BA0150876	CONNECTOR, REDUCER STRAIGHT
BA0150975	CONNECTOR, REDUCER STRAIGHT	BA0010712	CONNECTOR, REDUCER STRAIGHT
BA0150980	CONNECTOR, REDUCER STRAIGHT	BA0010715	CONNECTOR, REDUCER STRAIGHT
BA0150981	CONNECTOR, REDUCER STRAIGHT	BA0010717	CONNECTOR, REDUCER STRAIGHT
BA0150993	CONNECTOR, ADAPTER	BA0010744	CONNECTOR, ADAPTER
BA0150997	CONNECTOR, ADAPTER	BA0010746	CONNECTOR, ADAPTER
BA0151115	CONNECTOR; GAUGE ADAPTER	BA0010704	CONNECTOR, GAUGE ADAPTER
BA0151161	FLANGE, ONE-PIECE CLAMP AND HEAD	BA0151160	FLANGE, ONE-PIECE CLAMP AND HEAD
BA0151170	FLANGE, ONE-PIECE CLAMP AND HEAD	BA0151169	FLANGE, ONE-PIECE CLAMP AND HEAD
BA0151199	CONNECTOR, REDUCER STRAIGHT	BA0151196	CONNECTOR, REDUCER STRAIGHT
BA0151210	CONNECTOR, STUD STRAIGHT	BA0151203	CONNECTOR, STUD STRAIGHT
BA0151224	RETAIN RING	BA0150962	RETAIN RING
BA0151231	FLANGE ADAPTER, RETAIN RING SYSTEM	BA0150928	FLANGE ADAPTER, RETAIN RING SYSTEM
BA0151243	FLANGE TEE, RETAIN RING SYSTEM	BA0151312	FLANGE ADAPTER, RETAIN RING SYSTEM
BA0151260	FLANGE, INSERT CONE	BA0151258	FLANGE, INSERT CONE
BA0151272	FLANGE, RETAIN RING SYSTEM	BA0151248	FLANGE, RETAIN RING SYSTEM
BA0151279	FLANGE ADAPTER, RETAIN RING SYSTEM	BA0151278	FLANGE ADAPTER, RETAIN RING SYSTEM
BA0151287	FLANGE ADAPTER, RETAIN RING SYSTEM	BA0151234	FLANGE ADAPTER, RETAIN RING SYSTEM
BA0151291	FLANGE, BLIND	BA0150948	FLANGE, BLIND
BA0151303	FLANGE, BLIND	BA0151296	FLANGE, BLIND
BA0151327	FLANGE ADAPTER, RETAIN RING SYSTEM	BA0151234	FLANGE ADAPTER, RETAIN RING SYSTEM
BA0151374	FLANGE, REDUCER BLOCK	BA0151368	FLANGE, REDUCER BLOCK
BA0151376	FLANGE, REDUCER BLOCK	BA0151370	FLANGE, REDUCER BLOCK
BA0151378	FLANGE, REDUCER BLOCK	BA0151372	FLANGE, REDUCER BLOCK
BA0151379	FLANGE, REDUCER BLOCK	BA0151373	FLANGE, REDUCER BLOCK
BA0151386	FLANGE REDUCER, RETAIN RING SYSTEM	BA0150953	FLANGE REDUCER, RETAIN RING SYSTEM
BA0151415	CONNECTOR, REDUCER STRAIGHT	BA0151413	CONNECTOR, REDUCER STRAIGHT
BA0170025	END PLATE II 4H	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170026	CHANNEL PLATE 4H	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170027	END PLATE I 0H	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170028	CHANNEL PLATE 4H	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170029	END PLATE I 0H	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170049	FITTING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170058	ST.STEEL GASKET FOR DIN FLANGES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170060	END PLATE II 4H	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170070	6GK51240BA002AB2 SCALANCE XB124 unmanaged IE switch, 24x 10/100 Mbit/s	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170073	MAGNET DISH ASSEMBLY WITH LONG SHAFT FOR GUNCLEAN TOFTEJORG i40S GEAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170074	RATCHET SPRING FOR GUNCLEAN TOFTEJORG i40S, GEAR UNIT TE40S311	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170091	TEMPOSONIC POSITION SENSOR FOR CYLINDER.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170197	TOP PLATE, DPAL, GSH GROUP 6S.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170201	PILOT OPERATED SERVO PROPORTIONAL DC VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170208	FEEDBACK PROX KIT FOR RISER TOOL, ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170218	VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170253	ADAPTER ARM FO RISER HEAD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170254	ADAPTER FOR RISER HEAD ARM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170297	Solenoid operated spool valve	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170359	SPACER, WIRE SHEAVES	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170363	JUNCTION BOX LEFT HINGED WITH TERMINALS AND GLANDS	BA0175731	JUNCTION BOX LEFT HINGED WITH TERMINALS AND GLANDS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0170370	LOOP SHEAVE AXLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170394	POPPET VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170397	MH 1868054, ABS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170425	FRAM ALLOY CHAIN SHORT LINKED GRADE 8	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170463	BOLT, DETAIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170498	SOCKET 16A, 230V	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170535	SLEW STOPPER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170538	PLATE FOR VB-429193 Ekstra 3/4" B-port, Paintec RAL3002 acc. TI-174	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170543	SERVICE LOOP COVER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170566	ØLFLEX PETRO FD 865 CP 5G0,5	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170610	SPIDEX COUPLING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170625	COVER PLATE HEAVY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170628	SLIDE PAD FOR WIRE GUIDE BA5448321	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170642	LIMITING DEVICE FOR CLD ACCELEROMETERS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170653	WINCH R.C BACKUP JUNCTIONBOX MOONPOOL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170657	DSC CUSHIONING CYLINDER 120/100 - 0300 - RAL 3002 CARMINE RED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170661	POWER SUPPLY 24VDC 20A 1FAS ATEX CAT 3G	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170707-01	BRAKE PACKAGE + INSTALLATION MATERIAL PAINTED RED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170712	PELTOR EARMUFFS FOR HELMET MOUNTING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170759	BREVETTI JOINING SETS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170767	WIRE COVER FOR DUAL FIXES SHEAVE HOUSE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170768	WIRE COVER FOR SINGLE FIXED SHEAVE HOUSE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170772	GUIDE TROUGH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170774	GUIDE TROUGH W/GLIDE BAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170781	BRACKET FOR CISCO CATALYST 2960-X SWITCH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170785	HEX SKT BUTTON HEAD, M06x25 ISO 7380 A4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170797	GAS DAMPER UP/DOWN SEAT COLUMN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170810	KEY SWITCH W/4NO+4NC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170876	SIGN "CRANE EM MOVE"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170877	SIGN "CRANE EM MOVE" ENG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170878	SIGN "AUX WINCH EM. LOWER" ENG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170879	SIGN "AUX W. EM. LOW." NOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170886	HYDRAULIC HOSE,COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170893	Shim package for DDM Guiderails CAT-D	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170910	SIGN "DOWN-UP" 40X50 NOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170911	SIGN "DOWN - UP" 40X50 ENG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170912	SIGN "PORT STB" 40X50 NOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170913	SIGN "PORT - STARBORD" 40X50 ENG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170914	SIGN "B" 40X50 STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170915	SIGN "A" 40X50 STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170916	SIGN "MAIN W. EM. LOW." 130X200 NOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170917	SIGN "MAIN W. EM. LOW" 130X200 ENG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0170921	SAFE COUPLING RELAY FOR SIL3 APPLICATIONS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171033	CIRCLIP 160 A - DIN 471	BA0015877	EXTERNAL CIRCLIP
BA0171034	CIRCLIP 170 A - DIN 471	BA0171034	CIRCLIP 170 A - DIN 471
BA0171037	NYLOCK NUT M20 - DIN 985 8.8	BA0040993	NYLOCK NUT
BA0171057	Coriolis 12" Flow meter	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171080	HEX NUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171082	PAL NUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171100	HYDRAULIC PIPE ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171109	FLOW MONITOR SENSOR 24VDC ATEX	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0171116	THIMBLE FOR WIRE Ø8 mm, AISI 316 STAINLESS STEEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171121	FLANGE, BLIND	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171137	WASHER DETAIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171212	CONNECTOR, BLANKING END - MODIFIED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171224	PLATE 10X60X250 S355J2G3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171225	PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171226	PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171235	COVER PLATE ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171266	BOLT, DETAIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171273	UPPER SEAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171274	LOWER SEAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171275	TENSION WIRE + 3 TENSION LOCKS TO FIX THE LOWER SEAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171277	KIT, WIPER MAIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171330	OPERATOR BRIDGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171363	LMRP TEST STUMP HANDLER - HYDRAULIC SYSTEM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171370	Busbar adapter 250A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171375	MRU WALL MOUNTING BRACKET	BA0096963	MRU (5'th GENERATION / H) MOUNTING BRACKET WALL
BA0171425	WASHER DIN 6340 HDG	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171431	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171432	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171433	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171434	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171435	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171439	HOSE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171450	HOSE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171451	HOSE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171452	HOSE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171457	PRESSURE RELIEF VALVE PIPE MOUNTED PAINTED RED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171486	O-RING FOR AHC BLOCK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171547	AXLE FOR DRUM TYPE 4	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171583	174253-MX015, BOP TEST STUMP HANDLER, GENERAL ARRANGEMENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171590	BEARING COVER FOR 32" SHEAVE, RED RAL 3002	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171619	ECD-INTERFACEKABEL-RS-232	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171660	VIB5.312-P	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171700	BONDED SEAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171730	PLUG-IN CONNECTOR	BA0060406	PLUG-IN CONNECTOR
BA0171731	4 POL M12 PLUG	BA0061091	PLUG-IN CONNECTOR 4P E11509
BA0171742	SINGLE 32" WIRE SHEAVE, 1" WIRE, DNV, UNPAINTED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171767	Magnetic field sensor. Namur proximity switch.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171785	Ex d Temperature Switch Capillary Tube Thermostat, 25 A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171795	UPGRADE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171821	HEX HEAD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171838	BUSHING, BEARING, HIGH TORQUE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171887	2/2 EL. DIRECTIONAL VALVE 120 L/MIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171908	DIE, TONG, STRAIGHT TOOTH 13/16T, 1 1/4W, 5L CTM 14 dize sett	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0171917	LOOP HOSE COMPLETE W/COUPLINGS	BA0043784	LOOP HOSE COMPLETE W/COUPLINGS
BA0171940	LP RISER EMERGENCY LIFTING BAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172015-01	BRAKE FOR TRAVEL GEAR BRIDGE TRAVEL PAINTED RED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172018-01	BRAKE FOR WINCH GIR FRW TROLLEY TRAVEL PAINTED RED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172019-01	BRAKE FOR WINCH GIR AFT TROLLEY TRAVEL PAINTED RED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172034	4K UHD MONITOR 32" WITH TILT WALL MOUNT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0172054	2/2 THROTTLE VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172090-01	BRAKE FOR TRAVEL GEAR TROLLEY FRW TRAVEL PAINTED RED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172091-01	BRAKE FOR TRAVEL GEAR TROLLEY AFT TRAVEL PAINTED RED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172098	OPTOCOUPLER TERMINAL BLOCK ENDPLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172104	Cavity: T-13A Capacity: 60 lpm	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172148	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172217	DSC COUNTER BALANCE WHEEL WEIGHT, YD49	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172251	ADVANTECH MIC7500 MODYFIED BY BARTEC	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172317	SPRING COVER FOR HAS SL-5	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172324	GLIDE NUT 13X30X30	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172334	HEX HEAD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172335	HEX HEAD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172351	HEX HEAD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172359	GLAND M50 EXE BRASS Ø31,5-44,4MM NICKEL PLATED	BA0173529	GLAND M50 EXE NICKEL PLATED Ø31,0-41,0MM
BA0172363	HOSE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172428	GUIDE SUPPORT PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172444	ROTEX 28	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172455	ADAPTER BRACKET MH5231178_01	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172520	WIRE 4 PART SLING SET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172523	8 x KX15 MULTICORE COAX CABLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172584	RUBBER HOSE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172636	FINGERBOARD ADAPTER STEEL ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172680	PL 30X780X1085 FOR WHEEL BRACKET SUPPORT, TRAVELLING YOKE, 650 Sh. T	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172681	PL 10XØ500 FOR WHEEL BRACKET SUPPORT, TRAVELLING YOKE, 650 Sh. T RAMRIG,	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172682	PL 10X437X615 FOR WHEEL BRACKET SUPPORT, TRAVELLING YOKE, 650 Sh. T	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172683	PL 10X437X349 FOR WHEEL BRACKET SUPPORT, TRAVELLING YOKE, 650 Sh. T	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172684	PL 20X290X570 FOR WHEEL BRACKET SUPPORT, TRAVELLING YOKE, 650 Sh. T	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172685	PL 10X255X489 FOR WHEEL BRACKET SUPPORT, TRAVELLING YOKE, 650 Sh. T	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172689	SIMATIC ET 200SP, digital output module, DQ 4x 24VDC/2A Standard,	BA0106447	ET 200SP DIGITAL OUTPUT MODULE DQ 4X24VDC/2A
BA0172691	AUXILLIARY SERVICE LOOP ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172692	DISTANCE RING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172693	AXLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172715	SIMATIC ET 200SP, BaseUnit BU15-P16+A0+2B, BU type A0, Push-in	BA0106448	ET 200SP BASEUNIT BU15-P16+A0+2B BU-TYPE A0 PUSH-IN TERMINALS
BA0172752	SIMATIC WinAC RTX 2010 upgrade	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172835	VisuNet GXP remote monitor 19"	BA0174286	VisuNet GXP remote monitor 19"
BA0172843	WINCH COUNTER WEIGHT BAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172850	CM 250 CHCH 050/032X0060 DNV	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172851	SOCKET CAP SCREW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172867	DIE, TONG, GRITFACE, 20-25 MESH, 1/2T, 1 1/4W X 3 7/8L	BA0172826	DIE, TONG, GRITFACE, 20-25 MESH, 1/2 T X 1 1/4 W X 3 7/8 L
BA0172868	DIE, TONG, GRITFACE, 20-25 MESH, 1/2T X 1 1/4W X 5L	BA0172827	DIE, TONG, GRITFACE, 20-25 MESH, 1/2 T X 1 1/4 W X 5 L
BA0172874-01	BRAKE PACKAGE PAINTED RED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172893	MH 5030553 DNV RAL 3002 CONNECTION LINKS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172906	LGA Guide Head	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0172957	MH 5041105, Ø290 L=107, S355J2G3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173146	BUSHING 20/29x20-32x3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173147	SEEGER I60	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173154	ATEN PS/2 to USB CONVERTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173171	PRESSURE RELIEF VALVE CARTRIDGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173172	CONNECTION LINK 550 shT RAL 3002	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173183	WHEEL BRACKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173184	DISTANCE RING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0173187	MODIFIED SOCKET CAP SCREW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173191	FRAME MAIN TONG DOLLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173211	SIDE ROLLER BKT ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173239	PIPEHANDLER, RAL 3002 CARMINE RED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173252	PIPEHANDLER, COLOUR RAL 3002 CARMINE RED.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173259	HYDRAMARINE WINCH 10694833	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173271	INBOARD SEALED BEARING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173279	BOLT DETAIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173310	HYDRAMARINE WINCH 10694833	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173322	GUDE WHEEL SPRING-SPACER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173330	PLATE DETAIL, POLYAMIDE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173369	PA 06 PLATE 15X280X200	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173429	SWIVEL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173434	COUNTERSUNK SCREW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173459	CVG50 CONTROL SECTION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173469	SIDE ADJUSTMENT CYLINDER POS 125	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173557	COIL ATEX 24VDC-5 MTR. CABLE	BA0115023	METAL WORK KIT, COIL 30MM, FOR SOV EEEXMT5, 24VDC, W/5 M
BA0173560	COUNTERBALANCE VALVE, SUN CAVITY T11-A	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173671	FLOW CONTROL VALVE	BA0054603	FLOW CONTROL VALVE
BA0173692	ROLLER SHAFT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173693	SPACER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173694	ROLLER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173703	Main motor D650V 1655 kW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173733	Accelerometer HS 100I Intrinsically safe	BA0173717	Accelerometer HS 100I Intrinsically Safe
BA0173760	SEAL KIT FOR HYDR MOTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173771	2368-52 BOILER SUIT(trope) SIZE 52 LENGTH / INSEAM 74 CM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173772	2368-64 BOILER SUIT (trope) SIZE 64 LENGTH / LEGS INSEAM 74 CM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173778	Pressure Transmitter	BA0173679	PRESSURE TRANSMITTER 0-250BAR
BA0173850	Wago Fieldbus Coupler	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173855	FLANGE, ONE-PIECE CLAMP AND HEAD - BLACK STEEL SAE Female Flange BSPP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173909	HEX HEAD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173920	HEX HEAD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173921	HEX HEAD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173922	HEX HEAD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173923	HEX HEAD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173924	HEX HEAD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0173925	HEX HEAD BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0174112	SOCKET CAP SCREW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0174203	FLANGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0174204	SLEW GEAR BRAKE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0174205	SEAL KIT FOR BRAKE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0174207	SEAL KIT FOR BRAKE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0174216	MH UNDERKRAN 2000 1/2"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0174266	HOSE KIT REINFORCED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0174304	INNER LINK ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0174305	OUTER LINK ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0174351	WHEEL, Ø240X55	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0174352	AXLE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0174430	CROWN BLOCK ASSEMBLY, DSC YD49	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0174462	DOUBLE CHECKVALVE PILOT BLOCK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0174540	BOLT, MHWIRTH,M27 X 3 MM PITCH, 150MM LG HX HD 3 MM PITCH ISO4014 GRADE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA0174573	SHAFT-2 IDLER SHEAVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0174642	FEEDING UNIT,MANUAL TOOL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0174654	ADAPTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0174663	GMGS 390W MOTOR HP-SKID	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0174664	GMGS 160W MOTOR FEEDING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0174665	GMGS 106W MOTOR PILOT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0174666	RETURN FILTER SKID, CT10	BA0175550	RETURN FILTER SKID, CT10
BA0174667	GMGS FEEDING PUMPS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0174740	A-LRZ9D/315/450/1 Stainless steel Casing	BA0172067	A-LRZ9D/315/450/1 Stainless steel Casing
BA0174742	SEAL KIT FOR CYLINDER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0174871	SERVICE LOOP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0174930	SLS130/150/C/66/10/P	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0174964	DIGITAL INPUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0174979	GAUGE INCL. CALIBRATION CERTIFICATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0174986	HYDRAULIC HOSE, COMPLETE REINFORCED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0175055	JUNCTIONBOX EXD FOR FIBER OPTICAL EXTENDER PURPOSE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0175080	CYLINDER BOLT, DETAIL	BA5300500	CYLINDER BOLT
BA0175100	BOGIE BODY STEEL ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0175113	HYDRAULIC CYLINDER DRWG. 156530 REV.0	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0175186	DISC SPRING FOR HABONIM BALL VALVE 6"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0175412	GRIP-/ ROLLER CYLINDER incl. CVB (VPR)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0175549	PDPH CRANE CABIN, GMGS PROJECT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0175611	WIRE ROPE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0175913	SOLENOID COMPLETE W/10m CABLE, ENTRANCE TOWARDS VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0175914	SOLENOID COMPLETE W/10m CABLE, ENTRANCE AWAY FROM VALVE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0175962	BRAKE FL450.8C/PWD/./00-AO (PWD3500)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0176020	SAVER SUB BOX NC77-PIN CET57	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0176061	PLATE DETAIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0176090	RADIO MODULE	BA0176432	RADIO MODULE
BA0176228	COUNTERBALANCE VALVE, DUAL CYLINDER PORT SETUP, RAL 3002	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0176231	COUNTERBALANCE VALVE, DUAL CYLINDER PORT SETUP, RAL 3002	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA0176532	SCHAKLE LINK	BA0074553	FRAM LINK. 13.B.4 SWL 3,8 T
BA0997021	HYDRAULIC SWIVEL COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1199046	TRAVELLING BLOCK 1000 SHORT TONS, SEADRILL 8 (100532),	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1199055	ADJUSTMENT LOCK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1199090	LOAD CELL PIN TRAVELLING BLOCK 1350 SHORT TONS	BA0095937	LOAD CELL PIN TRAVELLING BLOCK 1350 SHORT TONS
BA1209059	INTERMEDIATE SUB A 8.1/2"X4.13/32"-7.5	BA1209059-01	INTERMEDIATE SUB A 8.1/2"X4.13/32"-7.5, SA14-0011
BA1209248	KELLY VALVE	BA1209248-03	KELLY VALVE
BA1209248-00	KELLY VALVE	BA1209248-03	KELLY VALVE
BA1209248-01	KELLY VALVE	BA1209248-03	KELLY VALVE
BA1209248-02	KELLY VALVE	BA1209248-03	KELLY VALVE
BA1209267	INTERMEDIATE SUB BOX NC70 – BOX 7-5/8 REG RH, L=345	BA1209267-01	INTERMEDIATE SUB BOX NC70 – BOX 7-5/8 REG RH, L=345
BA1254248	MUD PIPE ASSY (SPARE PART)	BA5007772	MUD PIPE, 5000 PSI COMPL. DDM-650
BA1329084	BACKUP CLAMP, UPPER HALF,MACHINED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1329101	BACKUP CLAMP,LOWER HALF,MACHINED,FOR T.W. DDM/PTD	BA0097128	BACKUP CLAMP,LOWER HALF, DDM/PTD, PSL1,MACHINED
BA1329102	LOWER CLAMP HALF,MACHINED.,FOR DDM TORQUE WRENCH	BA0096112	LOWER CLAMP, HALF, DDM, PSL1, MACHINED
BA1329138	SUSPENSION PLATE FOR TORQUE WRENCH, DDM/PTD	BA0043193	SUSPENSION PLATE FOR TORQUE WRENCH, DDM/PTD
BA1333042	SLEEVE AND CRANK ASSEMBLY, IBOP MECANISM, 15.000PSI	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1333055	IBOP MECHANISM SLEEVE COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1333058	IBOP MECHANISM SLEEVE COMPLETE	BA5226419	SLEEVE AND CRANK ASSEMBLY, HEX. KEY SIZE 22.5MM /L=27.2MM
BA1351021	WIRESHV 1 1/2" WIRE,60" DIA. NORM. TYPE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA1351022	WIRESHV 1 1/2" WIRE,60" DIA. LIGHT. TYPE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1351023	WIRESHV 1 3/4" WIRE,60" DIA. LIGHT. TYPE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1351024	WIRESHV 1 3/4" WIRE,60" DIA. NORM. TYPE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1351025	WIRESHV 1 5/8" WIRE,60" DIA. LIGHT. TYPE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1351026	WIRESHV 1 5/8" WIRE,60" DIA. NORM. TYPE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1351055	WIRESHV 1 3/4" WIRE,60" DIA. NORM. TYPE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1351057	WIRESHV 1 1/2" WIRE,60" DIA. NORM. TYPE	BA0085799	WIRE SHEAVE MACHINED,FORGED AND WELDED
BA1351058	WIRESHV 1 1/2" WIRE,60" DIA. LIGHT. TYPE	BA0086536	WIRE SHEAVE MACHINED,FORGED AND WELDED
BA1351059	WIRESHV 1 3/4" WIRE,60" DIA. LIGHT. TYPE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1351060	WIRESHV 1 3/4" WIRE,60" DIA. NORM. TYPE	BA0087333	WIRE SHEAVE MACHINED,FORGED AND WELDED, RAL 3002, RED
BA1351061	WIRESHV 1 5/8" WIRE,60" DIA. LIGHT. TYPE	BA0086539	WIRE SHEAVE MACHINED,FORGED AND WELDED
BA1351062	WIRE SHEAVE,60" GROOVED FOR 1 5/8" WIRE, DIA.NORM.TYPE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1351064	WIRESHEAVE 1 3/8" 60" NORM TYPE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1372226	SIGN DDM TORQUE WRENCH ELEVATOR CYLINDER, LHS .	BA5224612	SIGN DDM TORQUE WRENCH ELEVATOR CYLINDER
BA1372227	SIGN DDM TORQUE WRENCH ELEVATOR CYLINDER RHS .	BA5224613	SIGN DDM TORQUE WRENCH ELEVATOR CYLINDER
BA1659034	COUNT. BALANCE WIREGUIDE ON FAST LINE LOWER SHEAVE ASSY	BA1845034	COUNTERBALANCE WIRE GUIDE ON FAST LINE COMPLETE
BA1707477	HOSE KIT-ISO12151-5/3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1707481	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1707486	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1707564	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1707650	MAIN DRIVE MOTOR HOSES, HOSE SCHEDULE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1721031	SERVICELoop DDM-650L-HY.RAM RIG	BA0037290	MAIN & AUX. SERVICELoop HY.DDM COMPLETE
BA1721040	AUXILIARY LOOP RAMRIG DDM	BA1721057	AUXILIARY LOOP FOR RAM RIG DDM
BA1721051	AUXILLARY SERVICE LOOP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1722117	MAIN POWER LOOP COMPLETE,L=33500 MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1722119	INSTRUMENT LOOP COMPLETE	BA0090509	INSTRUMENT LOOP, TYPE 73997 COMPACT
BA1722120	INSTRUMENT LOOP COMPLETE,L=33500 MM	BA0090509	INSTRUMENT LOOP, TYPE 73997 COMPACT
BA1722123	POWER LOOP COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1722124	AUX POWER LOOP COMPLETE, L=36 m	BA0088472	AUX.POWER LOOP, TYPE 77408 COMPACT
BA1722125	INSTRUMENT LOOP COMPLETE, L=36 m	BA0089408	INSTRUMENT LOOP, TYPE 73997 COMPACT
BA1722126	INSTRUMENT LOOP COMPLETE, L=36 M	BA0089408	INSTRUMENT LOOP, TYPE 73997 COMPACT
BA1722145	POWER LOOP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1722146	INSTRUMENT <(>&<)> AUXILIARY POWER LOOP	BA0089353	INSTR.AND AUX.POWER LOOP, TYPE 76886 COMPACT
BA1722162	POWER LOOP COMPLETE,L=32000 MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1722163	AUXILARY POWER LOOP COMPLETE,L=32000 MM	BA0091359	AUX.POWER LOOP, TYPE 77408 COMPACT
BA1722164	INSTRUMENT LOOP COMPLETE,L=32000 MM	BA0086493	INSTRUMENT LOOP, TYPE 73997 COMPACT
BA1722165	INSTRUMENT LOOP COMPLETE,L=32000 MM	BA0086493	INSTRUMENT LOOP, TYPE 73997 COMPACT
BA1722185	INSTRUMENT LOOP	BA0089353	INSTR.AND AUX.POWER LOOP, TYPE 76886 COMPACT
BA1722187	INSTRUMENT LOOP FOR BLOCK DOLLY	BA0089354	BLOCK DOLLY INSTRUMENT LOOP, TYPE 76887 COMPACT
BA1722214	INSTRUMENT <(>&<)> AUX. POWER LOOP	BA0089353	INSTR.AND AUX.POWER LOOP, TYPE 76886 COMPACT
BA1722223	INSTRUMENT LOOP, WITH PROFIBUS	BA0089408	INSTRUMENT LOOP, TYPE 73997 COMPACT
BA1722224	INSTRUMENT LOOP, w/PROFIBUS	BA0090509	INSTRUMENT LOOP, TYPE 73997 COMPACT
BA1722225	POWER LOOP, COMPLETE, L=27m	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1722251	INSTRUMENT AND AUX. POWER LOOP, COMPLETE	BA0089353	INSTR.AND AUX.POWER LOOP, TYPE 76886 COMPACT
BA1722256	POWER LOOP COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1722267	POWER LOOP COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1722270	POWER LOOP COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1722273	POWER LOOP COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1722292	POWER LOOP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1722302	POWER LOOP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1722309	POWER LOOP COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA1722318	POWER LOOP COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1780169	DRILLINE DRUM W/WIRE W/ABS CERT., ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1811242	HYDRAULIC HOSE COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1811244	SET OF 8 HOSES ACC.TO DWG. MH 1811244	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1811249	2 X 3" HOSE ACC. TO DWG MH 1811 249	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1811298	SET OF 3 HOSES FOR OIL RETURN SYSTEM TO 6 MOTORS HPU - INSIDE NOISE HOOD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1811299	SET OF 3 HOSES FOR OIL DRAIN SYSTEM TO 6 MOTORS HPU - INSIDE NOISE HOOD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1811309	2 X 2" HOSES FOR OIL COOLING 4 MOTORS HYDR.POWER UNIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1811313	SET OF 2 HOSES FOR OIL DRAIN SYSTEM TO 3 MOTORS HPU - INSIDE NOISE HOOD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1811314	SET OF 2 HOSES FOR OIL RETURN SYSTEM TO 3 MOTORS HPU - INSIDE NOISE HOOD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1812365	HPU, 2 X 94 KW	BA1821365	HPU, 2 X 94 KW
BA1813144	JUNCTION BOX,COMPLETE ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1825412	HPU FOR PDPH CRANE 3 MOTORS GA	BA1825420	HYDRAULIC POWER UNIT GA
BA1872020	LOOP HOSE SET,UPPER RACKING ARM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1872023	HOSE LOOP PACKAGE FOR IRA/URA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1883019	GUIDE RING	BA0016449	GUIDE RING DETAIL
BA1883036	CAST FOR KNUCKLE LINK SET,LEFT+RIGHT HAND SIDE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA18988119	HYDRAULIC ROUGHNECK 1898 170629BC252 SERIAL# 1857139	BA1898119	HYDRAULIC ROUGHNECK 1898 170629BC252 SERIAL# 1857139
BA1899167	HYDRAULIC AUTO ROUGHNECK,MH 1899.	BA1899067	HYDRAULIC AUTO ROUGHNECK,MH 1899
BA1906105	PILOT HYDRAULIC REMOTE CONTROL PANEL HALF FABRICATED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1907559	SPRING KNOB FOR HYDRAULIC ROUGHNECK	BA5173213	SPRING KNOB
BA1907596	GLIDE PAD FOR STABBING ARM	BA0093788	GLIDING PAD Ø56.5 x 65
BA1913265	VALVE FOR TWO SPEED	BA1913311	VALVE FOR TWO SPEED ARRANGEMENT/ASSEMBLY
BA1913352	MODIFIED (>&<) EXTENDED HYDR.ROUGHNECK FRAME,WITH MISC.PARTS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1913362	4-PART COMPLETE LIFTING SLING, FOR HRN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1913371	ROUGHNECK FRAME, HALF FABRICATED WITH PARTS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1913372	ROUGHNECK FRAME, HALF FABRICATED WITH PARTS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1913418-01	ROUGHNECK FRAME HALF FABRICATED W/PARTS RAL 1023 YELLOW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1913425	STANDLIFT CYLINDER	BA0092542	STANDLIFT CYLINDER DRWG.597-22
BA1913674	4-PART COMPLETE LIFTING SLING, FOR HRN	BA1913375	4-PART COMPLETE LIFTING SLING, FOR HRN
BA1923143	LOWER GUIDING ARM 2 7/8"-14" GUIDE HEAD ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1923146	GUIDE HEAD SENSOR ASSEMBLY COMPLETE, LGA	BA1923178	GUIDE HEAD SENSOR ASSEMBLY COMPLETE
BA1927239	TOOTH RACK LOWER GUIDING ARM	BA5441311	TOOTH RACK LOWER GUIDING ARM
BA1941099	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1942287	BRIDGE CRANE, 170484-BC011, MAIN ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1942312	BRIDGE CRANE, 170494-BC011, MAIN ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1943092	ROLLER REAR COMPLETE, HRC (Ø77)	BA5178630	GRIPPER HEAD GUIDE ARM ROLLER
BA1943093	ROLLER GRIPPER ARM COMPLETE, HRC (Ø101)	BA5178640	GRIPPER HEAD GUIDE ARM ROLLER
BA1943141	TILTING BRACKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1944084	WIRESHEAVE ASSY FOR IRA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1946570	TROLLEY GUIDE ROLLER	BA5199816	GUIDE WHEEL FOR BRIDGE CRANE, ASSEMBLY
BA1946571	TROLLEY GUIDE ROLLER	BA5199738	GUIDE WHEEL FOR BRIDGE CRANE, ASSEMBLY
BA1951192	TEST RAIL FOR BRIDGE CRANE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1977217	SONGA MERCUR, DP FINGERBOARD, GENERAL ARRANGEMENT	BA1977219	SONGA MERCUR, DP FINGERBOARD, GENERAL ARRANGEMENT
BA1978223	P-23,DP/DC FINGERBOARD,MAIN ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1978225	STENA SPEY,DP FINGERBOARD RHS,MAIN ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1978228	SONGA JUPITER,DP/DC FINGERBOARD,MAIN ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1978235	WEST E-DRILL, DP/DC FINGERBOARD, MAIN ASSEMBLY PORT SIDE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1978293	PETRORIG 1, CASING FINGERBOARD, MAIN ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1978303	FRIGSTAD, CASING FINGERBOARD, MAIN ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1980353	LOCKING FINGER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA1980723	DRILLPIPE LOCKING FINGER ASSEMBLY, TRAFFIC YELLOW	BA1980910	LOCKING FINGER ASSEMBLY - COMPLETE, RAL 3002/1023
BA1980727	DRILL PIPE LOCKING FINGER MACHINED	BA1980910	LOCKING FINGER ASSEMBLY - COMPLETE, RAL 3002/1023
BA1980730	DRILL COLLAR LOCKING FINGER ASSEMBLY	BA5286430	LOCKING FINGER 62kN
BA1980731	DRILL COLLAR PIVOT BRACKET MACHINED	BA5286430	LOCKING FINGER 62kN
BA1980749	LOCKING FINGER ASSEMBLY, FINGERBOARD	BA5286430	LOCKING FINGER 62kN
BA1980773	DRILL PIPE LOCKING FINGER ASSEMBLY - COMPLETE	BA1980910	LOCKING FINGER ASSEMBLY - COMPLETE, RAL 3002/1023
BA1980774	DRILL PIPE LOCKING FINGER	BA1980910	LOCKING FINGER ASSEMBLY - COMPLETE, RAL 3002/1023
BA1980920	LOCKING FINGER ASSEMBLY - COMPLETE	BA5286420	LOCKING FINGER 28kN
BA1980940	DRILL COLLAR LOCKING FINGER ASSEMBLY - COMPLETE, RAL 3002/1023	BA5286430	LOCKING FINGER 62kN
BA1984475	CONTROL VALVE CABINET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1984476	CONTROL VALVE CABINET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1984477	CONTROL VALVE CABINET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1984478	CONTROL VALVE CABINET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA1984479	CONTROL VALVE CABINET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA2047131	COMPLETE ASSY, 3.4m, ONE MAN, ACCESS BASKET	BA0059622	ACCESS BASKET
BA2047132	COMPLETE ASSY, 3.4m, TWO MAN, ACCESS BASKET	BA0059623	ACCESS BASKET
BA2047133	COMPLETE ASSY, 4.6m, ONE MAN, ACCESS BASKET	BA0059624	ACCESS BASKET
BA2047134	COMPLETE ASSY, 4.6m, TWO MAN, ACCESS BASKET	BA0059625	ACCESS BASKET
BA2047135	ONE MAN ACCESS BASKET,5,6m INCL.REMOTE CONTROL STAND	BA0059626	ACCESS BASKET
BA2047136	COMPLETE ASSY, 5.6m, TWO MAN, ACCESS BASKET	BA0059627	ACCESS BASKET
BA3170180	SAVER SUB, PIN 6-5/8" REG - PIN NC50 EXTRA LONG	BA3170180-01	SAVER SUB PIN 6-5/8" REG - PIN NC50 EXTRA LONG
BA3170202	SAVER SUB, PIN 6-5/8" REG - PIN VT40	BA3170202-01	SAVER SUB PIN 6-5/8" REG - PIN VT40
BA3170203	SAVER SUB PIN 6-5/8" REG - PIN HT55	BA5059551-01	SAVER SUB PIN 6-5/8" REG - PIN 5-1/2"FH-VAM
BA3170204	SAVER SUB, PIN 6-5/8" REG - PIN NC38	BA3170204-01	SAVER SUB PIN 6-5/8" REG - PIN NC38
BA3170205	SAVER SUB PIN 6-5/8" REG - PIN NC50	BA3170205-01	SAVER SUB PIN 6-5/8" REG - PIN NC50
BA3170207	SAVER SUB, PIN 6-5/8" REG - PIN 5 1/2" FH	BA3170207-01	SAVER SUB PIN 6-5/8" REG - PIN 5 1/2" FH
BA3170208	SAVER SUB, PIN 6-5/8" REG - PIN NC50	BA3170208-01	SAVER SUB PIN 6-5/8" REG - PIN NC50
BA3170209	SAVER SUB, PIN 6-5/8" REG - PIN NC38	BA3170209-01	SAVER SUB PIN 6-5/8" REG - PIN NC38
BA3170210	SAVER SUB, PIN 6-5/8" REG - PIN NC50	BA3170210-01	SAVER SUB PIN 6-5/8" REG - PIN NC50
BA3170211	SAVER SUB, PIN 6-5/8" REG - PIN 5-1/2"FH	BA3170211-01	SAVER SUB PIN 6-5/8" REG - PIN 5-1/2"FH
BA3225076	HANDLING CRADLE FOR DDM-1000-2M	BA5101180	TRANSPORT CRADLE 2 FOR DDM-1000-AC-2M
BA3225081	LIFTING SET, WLL 20 mt OFFBOARD LIFT	BA5405793	LIFTING SET, WLL 20mt OFFBOARD LIFT
BA3229029	HOSE KIT	BA0070799	HOSE KIT- ISO12151-2/3
BA3229031	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA3229033	HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA3473074	HOSE PACKAGE, DETAIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA3473075	HOSE PACKAGE, DETAIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA3473076	HOSE PACKAGE, DETAIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA3473077	HOSE PACKAGE, DETAIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA3473078	HOSE PACKAGE, DETAIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA3504038	WIRE SHEAVE	BA5221791	SINGLE 52" WIRE SHEAVE, 1 3/4" WIRE, DNV, RED RAL 3002 CARMINE RED
BA3866015	URA.GUIDE LOCK<(>&<)>GUIDE GRIPPER HEAD	BA3866023	URA.GUIDE LOCK<(>&<)>GUIDE GRIPPER HEAD
BA4016104	TRANSPORT DRUM COMPLETE WITH LOOPS	BA0071936	TRANSPORT DRUM COMPLETE WITH LOOPS
BA4026003	CROWN BLOCK FRAME - YD52 - STEEL ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA4026010	CROWN BLOCK GUIDE WHEEL ASSEMBLY, YD52	BA0049094	DSC CROWN BLOCK GUIDE WHEEL ASSEMBLY
BA4059005	LOWER CLAMP,HALF,MACHINED, TORQUE WRENCH, PTD	BA0097188	LOWER CLAMP, HALF, PTD, PSL1, MACHINED
BA4061096	MAIN POWER LOOP, COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA4061106	MAIN POWER LOOP, COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA4061117	MAIN POWER LOOP, COMPLETE, L=80 m	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA4061140	POWER SERVICE LOOP w/VFD.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA4061163	POWER LOOP COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA4061176	POWER LOOP COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA4061187	POWER LOOP, SEMI FINISHED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA4069138	BRACKETS FOR WORKING PLATFORM	BA5266908	BRACKET FOR WORKING PLATFORM
BA4108002	CYLINDER BRACKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA4108004	KEY PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA4151038	PTD-500 AC SYSTEM-ARR.IN DERRICK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA4249601	RADIO PANEL, LAYOUT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA4269403	RADIO CONTROL PANEL, TAIL IN MACHINE	BA4269409	RADIO CONTROL PANEL, TAIL IN MACHINE
BA4275078	UTILITY HOSE KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA4275092	UTILITY HOSE KIT, WALFORM FITTINGS	BA4275078	UTILITY HOSE KIT
BA4299405	CASING FINGERBOARD RIO LAY OUT	BA4299404	CASING FINGERBOARD RIO LAY OUT
BA4393372	MH 4393372	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA44410032	RISER TENSIONING CABINET, MAIN BLOCK DIAGRAM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA4646901	170495-BB481-SUB3 FOR RIO CABINET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA4652600	JUNCTION BOX COMPLETE	BA0095016	JUNCTION BOX COMPLETE, EEX E,
BA5002045	BOLT, DETAIL	BA3346201	BOLT
BA5002817	TORQUE WRENCH-127000 LBS FOR DDM, COMPL.WITHOUT HYDRAULICS	BA5043342	TORQUE WRENCH ASSEMBLY RAL 3002
BA5003750	THRUST BEARING, DETAIL	BA0034420	THRUST BEARING
BA5003764	BOLT ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5004311	LOADCELL ASSEMBLY FOR DDM-EL	BA0119110	LOADCELL ASSEMBLY FOR DDM-EL
BA5005900	SAVER SUB, PIN 6-5/8" REG - PIN NC38	BA5005900-01	SAVER SUB PIN 6-5/8" REG - PIN NC38
BA5008605	EARTH BOSS ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5009194	SAVER SUB	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5011031	SPRING STEEL	BA0043539	CLAW SPRING GRIPPER HEAD
BA5011298	LOADCELL ASSEMBLY FOR DDM-EL	BA0119110	LOADCELL ASSEMBLY FOR DDM-EL
BA5012536	SET OF CONNECTION LINKS	BA5012829-01	CONNECTION LINKS FOR DDM-750, COMPLETE, RAL 3002
BA5013217	SAVER SUB, PIN 6-5/8" REG - PIN XT57	BA5013217-01	SAVER SUB PIN 6-5/8" REG - PIN XT57
BA5013437	ASSEMBLY SET OF CLAMPS FOR SERVICE LOOP	BA5018156	FLANGE
BA5014547	ROTATION GUIDE, DETAIL	BA5239960	ROTATION GUIDE, LEFT HAND SIDE, DETAIL
BA5014758	ROD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5014759	BAIL, 500 TONS, long type	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5015033	SAVER SUB, PIN 6-5/8" REG - PIN 5-1/2" FH	BA5015033-01	SAVER SUB PIN 6-5/8" REG - PIN 5-1/2" FH
BA5015034	SAVER SUB, PIN 6-5/8" REG - PIN NC50	BA5015034-01	SAVER SUB PIN 6-5/8" REG - PIN NC50
BA5020700	MAIN FRAME-TORQUE MASTER	BA5021800	ASSEMBLY
BA5020870	MUD PIPE COMPLETE(WITH GOOSENECK FROM GEARBOX) TRAFFIC YELLOW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5020870-01	MH 5020870 7500 PSI, RAL 1023 YELLOW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5023929	RIGHT HAND LINK ARM	BA5448505	RIGHT HAND LINK ARM, STEEL ASSY
BA5024089	SLIDING PAD,DETAIL	BA5139208	SLIDING PADS
BA5024200	SLIDING PAD,DETAIL	BA5139207	SLIDING PADS
BA5025111	SAVER SUB, PIN 7-5/8" REG - PIN 5-1/2"FH-VAM EIS	BA5025111-01	SAVER SUB PIN 7-5/8" REG - PIN 5-1/2"FH-VAM EIS
BA5025112	SAVER SUB PIN 7-5/8" REG - PIN 6-5/8"FH	BA5025112-01	SAVER SUB PIN 7-5/8" REG - PIN 6-5/8"FH
BA5025123	TORQUE WRENCH PLATE - 20X28X210	BA5439650	PLATE, WELD ASSEMBLY
BA5025644	HPU RAMRIG - CT10, STAIRWAY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5025663	MH DLA 150 LM MA, COMPLETE	BA0098661-01	MH DLA 150 LM MA, COMPLETE
BA5025715	MAERSK HE, JACK-UP PDPH, RIG 3,ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5025735	HPU FOR COMPENSATOR 454-25 - YD53	BA0057983	HPU FOR WATER GLYCOL
BA5025740	CROWN BLOCK STEEL ASSEMBLY YD53	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5025754	LOWER ROCKER ARM, SHAFT - YD53	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5026416	SAVER SUB, PIN 6-5/8" REG - PIN 6-5/8"FH	BA3170203-01	SAVER SUB PIN 6-5/8" REG - PIN HT55
BA5026419	SAVER SUB PIN 6-5/8" REG - PIN 5-1/2"FH	BA5026419-01	SAVER SUB PIN 6-5/8" REG - PIN 5-1/2"FH
BA5026427	TRIP SAVER PARKING SYSTEM HOUSING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA5026567	CROWN BLOCK GUIDE WHEEL, DETAILS - YD53	BA5186806	CROWN BLOCK GUIDE WHEEL DETAIL DRAWING YD53
BA5026568	CROWN BLOCK GUIDE WHEEL, BEARING COVER -YD53	BA5186805	CROWN BLOCK GUIDE BEARING COVER DETAIL DRAWING YD53
BA5026576	WIRE SHEAVE COMPLETE,F/CROWN BLOCK,ROCKER ARM,ORDINARY	BA5174657	WIRESHEAVE COMPLETE,ORDINARY FOR CROWN BL./ROCKER ARM,YD53
BA5026577	WIRE SHEAVE COMPLETE, FOR CROWN BLOCK,LIGHT,YD53	BA5174658	WIRESHEAVE COMPLETE,SUPER LIGHT, FOR CROWN BL./ROCKER ARM,YD53
BA5026578	WIRE SHEAVE COMPLETE, FOR ROCKER ARM, SUPER LIGHT	BA5174658	WIRESHEAVE COMPLETE,SUPER LIGHT, FOR CROWN BL./ROCKER ARM,YD53
BA5028330	TOOTHED RACK	BA5043311	TOOTHED RACK DETAIL
BA5029473	COUNTERBALANCE WIRE GUIDE WHEEL - YD53	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5029565	TORQUE WRENCH ASSEMBLY, RAL 3002	BA5249781	TORQUE WRENCH ASSEMBLY RAL 3002
BA5029565-01	TORQUE WRENCH ASSEMBLY, RAL 1023	BA5249781	TORQUE WRENCH ASSEMBLY RAL 3002
BA5030647	ROLLER FOR HOOK STOP, DETAIL	BA0061766	ROLLER FOR HOOK STOP UTILITY WINCH
BA5030769	TRIP SAVER SUPPORT FOR DRAG CHAIN LEFT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5030806	END STOPPER PLATE, YD23, PL.50X1800X180	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5030821	TRIP SAVER PARKING SYSTEM BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5030823	TRIP SAVER SUPPORT WHEEL BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5030826	TRIP SAVER SUPPORT WHEEL, LOCK PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5031099	R.T.DAT SYSTEM MANIFOLD YD 22 ASSEMBLY DRAWING	BA0056022	MANIFOLD,YD22,R.T.DAT SYSTEM,WORKSHOP DRAWING, CAST 316
BA5031363	TRANSFER TUBE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5031412	SAVER SUB BOX NC77-PIN 6-5/8"FH	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5031600	HPU RAMRIG - CT10, PUMPSKID	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5032074	SP343-151 BAIL PIN W/LOADCELL FOR DDM-750/1000, ME01884	BA0130347	BAIL PIN W/ LOAD CELL, SP343-151
BA5032647	GANTRY CRANE , RAILS ,MAIN ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5033153	UPPER BODY JAW	BA5032885	DIE HOLDER FOR UPPER BODY ASSEMBLY, DETAIL DRWG.
BA5033161	DIE HOLDER FOR UPPER BODY ASSEMBLY, DETAIL DRWG.	BA5032885	DIE HOLDER FOR UPPER BODY ASSEMBLY, DETAIL DRWG.
BA5036678	LUB SYSTEM CROWN BLOCK, ASSEMBLY DRAWING - YD53	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5037410	CYLINDER ROD CONNECTION, BOLT -YD 25, ASSEMBLY	BA0089315	BONDURA PIN
BA5037437	VOLVE CONDUCTOR TENSIONER, TAG-PLATE, DETAIL - YD09	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5038003	SIGN TAPE (AKER KVÆRNER LOGO)	BA0069986	SIGN PLATE, LOGO 7, WHITE
BA5038268	SP364-151 BAIL PIN W/LOADCELL FOR DDM-750/1000 ME01964	BA0119675	BAIL PIN W/LOADCELL FOR DDM-750/1000 ME01964
BA5039778	HPU RAMRIG - CT10, TANKSKID	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5040321	PETRO RIG 1, RISER FINGERBOARD, MAIN ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5040852	316L/EN1.4404 ACCORDING TO MDS S01	BA0060187	FLANGE, BLIND
BA5041122	10T UTILITY WINCH,CX05,PETRORIG 1, (100552), GA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5042551	TOOTHED WHEEL	BA5042475	TOOTHED WHEEL
BA5043342	TORQUE WRENCH ASSEMBLY RAL 3002	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5043342-01	TORQUE WRENCH ASSEMBLY RAL 1023 YELLOW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5044463	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5045152	SEADRILL 10, MAIN RIG, T.F.M, MAIN ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5045554	LIFTING LUG FOR TRAVELLING BLOCK, BRITANNIA	BA0174364	LIFTING LUG
BA5047421	TFM TROLLEY STEEL ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5047532	PRODUCT NAME PLATE, PL2X70X140 SIGN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5047987	SEADRILL 8, SIGN, DETAIL YD53	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5050293	LIFTING ARRANGEMENT	BA0059012	LIFTING ARRANGEMENT
BA5051289	MANIFOLD (TWL)	BA5116925	MANIFOLD (TWL)
BA5052660	PRODUCT NAME PLATE WITOUT CE MARK,PL0,6X70X140 SIGN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5054003	WASHER DISTANCE	BA5049816	WASHER DISTANCE
BA5054329	AIR FLEX BRAKE, GUIDE PIN	BA5054629	GUIDE PIN 2 DETAIL AIRFLEX BRAKE
BA5055001	HORIZONTAL BOTTLE, ?? LITRE, Ø??, ?? BAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5055758	COUNTERBALANCE WIRE GUIDE ASSEMBLY YD43	BA5400651	COUNTER BALANCE + SUPPORT ASSEMBLY YD42/YD43
BA5056023	HPU RAMRIG - CT10, TANKSKID	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5056036	HPU RAMRIG - CT10, PUMPSKID MAIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5057813	SAVER SUB XT57	BA5057813-01	SAVER SUB BOX NC77-PIN XT57

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA5059550	SAVER SUB, PIN 6-5/8" REG - PIN 6-5/8"FH-VAM	BA5059550-01	SAVER SUB PIN 6-5/8" REG - PIN 6-5/8"FH-VAM
BA5059551	SAVER SUB PIN 6-5/8" REG - PIN 5-1/2"FH-VAM	BA3170207-01	SAVER SUB PIN 6-5/8" REG - PIN 5 1/2" FH
BA5060437	PETRORIG 1,TUBULAR FEEDING MACHINE, MAIN ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5060493	PRODUCT NAME PLATE WITOUT CE MARK, PL 0,6X150X100	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5060494	PRODUCT NAME PLATE WITH CE MARK, PL 0,6X150X100	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5060777	SEADRILL 11, T.F.M FOR CASING, MAIN ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5061232	SIGNS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5061233	SIGNS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5061500	RETURN MECHANISM	BA5157076	RETURN MECHANISM
BA5061830	RETRACTABLE DOLLY, MAIN FRAME, STEEL ASSY.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5064174	IDLE-CAN BE USED FOR PROPER DRAWING USE	BA5065618	10T UTILITY WINCH W/SWING DEVICE, AKER H6 BETA GA
BA5065929	SHEAVE CLUSTER ASSEMBLY -YD43	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5066450	ROLLER ASSEMBLY	BA5137185	ROLLER ASSEMBLY
BA5066986	MPF, TUBULAR FEEDING MACHINE,PIPE, MAIN ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5069461	STANDARD TAG PLATE WITH OPERATING AND DRY WEIGHT	BA5123883	STANDARD TAG PLATE, PRODUCT TAG, DETAIL DRWG.
BA5069462	STANDARD TAG PLATE WITH OPERATING AND DRY WEIGHT	BA5124526	STANDARD TAG PLATE, CE, DETAIL DRWG.
BA5070776	FRIGSTAD, TFM, RISER, MAIN ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5070778	FRIGSTAD, TFM, PIPE, MAIN ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5070780	FRIGSTAD, TUBULAR CHUTE/CHUTE WINCH, MAIN ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5070782	FRIGSTAD, TUBULAR CHUTE/CHUTE WINCH, MAIN ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5070784	FRIGSTAD, TUBULAR TRANSFER ARM,MAIN, MAIN ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5070786	FRIGSTAD, TUBULAR TRANSFER ARM,AUX, MAIN ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5070818	SEVAN,CASING HOISTING ARM, MAIN ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5071305	GUIDE PLATE POLYPENCO	BA5048686	GUIDE PLATE 12X45X330 POLYPENCO-GSM
BA5073323	FRIGSTAD, RISER FINGERBOARD, MAIN ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5074146	FRIGSTAD, TROLLEY FOR RISER GUIDING, MAIN ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5074149	FRIGSTAD, RISER CHUTE, MAIN ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5074151	FRIGSTAD, RISER HANDLING CRANE, MAIN ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5074870	COUNTERBALANCE WIRE GUIDE SUPPORT BRACKET YD43	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5074871	COUNTERBALANCE WIRE GUIDE WEIGHT ARM YD43	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5074872	COUNTERBALANCE WIRE GUIDE WEIGHT YD43	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5074905	GUIDE WHEEL UNIT 2, BEARING COVER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5080509	MAIN WHEEL FOR RETRACTABLE DOLLY,TRAV.BLOCK ADAPTER	BA5137190	ROLLER
BA5084665	SIGN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5086481	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5087038	SIGN PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5090479	HOSE PACKAGE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5093466	PINION	BA5025234	PINION DETAIL
BA5093533	PLATE	BA5289450	PLATE
BA5096865	ELEVATOR HOSE KIT FOR 144" LINKS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5097240	AKER H6 BETA AIR SILENCER, YD76 GENERAL ARRANGEMENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5099016	CROWN BLOCK 270 - YD52 - ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5099878-01	Motor /gear bracket - 5099878 Item 1-5	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5103501	END STOPPER PLATE,SPECIAL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5107506	10T UTILITY WINCH, DRILL FLOOR WINCH W/RADIO CONTROL, TMT1 (170077)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5113831	DRAIN HOSE LP.CMC DET.DWG -YD43	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5113960	HP.HOSE FORCE EQUALIZER CYLINDER, DET. DWG. YD43	BA0110490	HOSE 1½" FOR FORCE EQUALIZER CYLINDER JIC
BA5118444	BEACON POLE, HOSE - YD43	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5119505	SAVER SUB, BOX NC77 - PIN BLANK	BA5119505-01	SAVER SUB, BOX NC77 - PIN BLANK
BA5119698	SPREADER BEAM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5126470	SHEAVE CLUSTER -YD431	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA5128598	COMPLETE EL. LOOP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5130402	45/60 FT MOUSEHOLE RABBIT ASSY.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5130474	CENTRALIZING ARM, LOWER ASSEMBLY	BA5074229	CENTRALIZING ARM LOWER ASSEMBLY
BA5130479	CENTRALIZING ARM, MIDDLE	BA5074230	CENTRALIZING ARM MIDDLE ASSEMBLY
BA5130480	CENTRALIZING ARM, UPPER	BA5074231	CENTRALIZING ARM UPPER ASSEMBLY
BA5132959	5T UTILITY WINCH, DRILL FLOOR WINCH W/RADIO CONTROL,	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5132966	0,15T MANRIDER WINCH, DRILL FLOOR WINCH W/RADIO CONTROL,	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5133630	SAVER SUB, PIN 6-5/8" REG - PIN 5-1/2"FH-VAM	BA5133630-01	SAVER SUB PIN 6-5/8" REG - PIN 5-1/2"FH-VAM
BA5133739	BOM EXPLODER FOR PIPING <(>&<)> TUBING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5135408	LADDERS <(>&<)> PLATFORMS -YD53	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5135409	LUBRICATION ROCKER ARMS <(>&<)> CROWN BLOCK -YD53	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5135411	MOUNTING FRAME FOR DSC -YD53	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5135412	MAIN ASSEMBLY MISC. PARTS -YD53	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5135430	ISOLATION VALVE BRACKET - YD431	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5135431	AHC VALVE BRACKET - YD431	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5135432	SUPPORT BEAM - YD431	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5135433	INTERFACE BRACKET - YD431	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5137670	COVER FOR CONTROL VALVE UNIT	BA0096098	PROTECTIVE COVER FOR CONTROL VALVE UNIT
BA5137989	SAVER SUB, PIN 7-5/8" REG - PIN 5-1/2"FH-VAM	BA5137989-01	SAVER SUB PIN 7-5/8" REG - PIN 5-1/2"FH-VAM
BA5138799	AXEL BASKET STEEL ASSEMBLY	BA5141268	AXEL BASKET
BA5139261	SAVER SUB, PIN 6-5/8" REG - PIN 6-5/8"FH	BA5059551-01	SAVER SUB PIN 6-5/8" REG - PIN 5-1/2"FH-VAM
BA5140473	MAIN DRAGCHAIN ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5142823	TFM CHAIN TENSION ADJUSTER ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5144576	BUMPER BEAM, STEEL FRAME , DETAIL DRAWING YD53	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5144750	TROLLEY ASSEMBLY COMPLETE TFM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5145406	SAVER SUB, PIN 6-5/8" REG - PIN 6-5/8"FH-VAM	BA5145406-01	SAVER SUB PIN 6-5/8" REG - PIN 6-5/8"FH-VAM
BA5146706	SAVER SUB, PIN 6-5/8" REG - PIN 5-1/2"FH-VAM	BA5146706-01	SAVER SUB PIN 6-5/8" REG - PIN 5-1/2"FH-VAM
BA5151507	SAVER SUB, PIN 6-5/8" REG - PIN XT50	BA5151507-01	SAVER SUB PIN 6-5/8" REG - PIN XT50
BA5151509	SAVER SUB PIN 6-5/8" REG - PIN 6-5/8" FH	BA5151509-01	SAVER SUB PIN 6-5/8" REG - PIN 6-5/8" FH
BA5152230	TEST FRAME	BA5119535	TEST FRAME
BA5152421	ROCKER ARM SUPPORT, ON WATERTABLE - YD431	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5152551	GUIDE HEAD ASSEMBLY, RAL 3002	BA5271671	GUIDE HEAD ASSEMBLY, RAL 3002
BA5152551-01	GUIDE HEAD ASSEMBLY, RAL 1023	BA5271671-01	GUIDE HEAD ASSEMBLY, RAL 1023
BA5152739	SLIDING RAMS ASSEMBLY, RAL 3002	BA5271661	SLIDING RAMS ASSEMBLY, RAL 3002
BA5152739-01	SLIDING RAMS ASSEMBLY, RAL 1023	BA5271661-01	SLIDING RAMS ASSEMBLY, RAL 1023
BA5154041	MAIN ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5154108	BACK PLATE	BA5269516	BACK PLATE
BA5154368	WIRE SHEAVE, 60" GROOVED FOR 1 1/2' WIRE, LIGHT TYPE, ASSY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5154981	MAIN WHEEL FOR BLOCK DOLLY	BA5137190	ROLLER
BA5155780	LOWER ROCKER ARM - YD431	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5156709	DIE HOLDER	BA5258778	DIE HOLDER DETAIL
BA5157339	SAVER SUB, PIN 6-5/8" REG - PIN NC50	BA5157339-01	SAVER SUB PIN 6-5/8" REG - PIN NC50
BA5157340	SAVER SUB PIN 6-5/8" REG - PIN 5-1/2"FH	BA5157340-01	SAVER SUB PIN 6-5/8" REG - PIN 5-1/2"FH
BA5158833	SLEEVE BEARING DETAIL	BA5228937	SLEEVE BEARING WITH 2MM SPLIT
BA5159925	WIRE SHEAVE 50", WIRE 1 3/8", COMPLETE WITH BEARING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5161271	IHC HPU FOR PASSIVE SYSTEM 690V/50HZ	BA0074006	IHC HPU FOR PASSIVE SYSTEM 690V/50HZ
BA5164414	TROLLEY DRIVE ASSEMBLY, RIGHT, FOR TORQUEMASTER MKI	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5164533	GASKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5166021	WIRESHEAVE COMPLETE	BA5221855	COMPLETE 52 INCH WIRESHEAVE, 1 3/4 INCH WIRE, ORDINARY, DNV, RAL 3002 CARMINE RED
BA5166045	WIRE SHEAVE FOR GUIDE LINE TENSIONER, 22 KIPS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5166802	GUIDE LINE TENSIONER, SHEAVE HOUSE, SPACER BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA5166886	MAN.OUTSIDE DERRICK,PASSIVE, DETAIL DRAWING YD32	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167451	TORQUE WRENCH UPPER HOUSING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167468	TORQUE WRENCH LOWER HOUSING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167490	WEAR RING FOR 11-1/2 HOUSING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167495	JAW CLAMP BRACKET (RH)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167499	JAW CLAMP BRACKET (LH)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167500	TW JAW SHIM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167502	TW JAW	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167506	PIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167508	MAIN LINK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167509	LINK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167510	PIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167511	PIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167512	PIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167513	PIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167515	RETAINER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167516	RETAINER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167517	BUSHING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167518	BUSHING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167519	RETAINER PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167520	CYLINDER RETAINER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167521	SPACER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167523	SLIDING PAD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167524	BUSHING SPACER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167525	BUSHING SPACER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167526	BUSHING SPACER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167563	PROTECTION COVER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167620	BRACKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167621	BRACKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167622	BRACKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167623	BRACKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167624	BRACKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167625	SHAFT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167667	PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167668	DISTANCE RING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167669	KEY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167670	SLIDING PAD BRACKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167671	SLIDING PAD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167672	SHIM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167675	ROLLER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167717	CLAMP MANIFOLD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167720	LUBRICATION MANIFOLD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167791	FILTER BRACKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167843	BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167852	BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167857	CYLINDER BRACKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167861	BRACKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167865	STOP BRACKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167879	BRACKET WITH BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167884	BRACKET BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5167904	SLIDING PAD	BA0032703	SLIDING PAD FOR SPINNER CARRIAGE

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA5167921	PIPE POSITIONER ARM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5170280	MAN.OUTSIDE DERRICK,PRESS/RETURN, DETAIL DRAWING YD32	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5170281	ELECTRO MAN.OUTSIDE DERRICK, DETAIL DRAWING YD32	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5171252	RISER TENSIONER, SUPPORT FOR ASSY <(>&<)> TRANSPORT, DETAIL-YD12	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5173114	CRANK FOR 7/8" HEX IBOP MECHANISM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5173212	ACTIVATOR PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5173290	END STOP REAR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5173352	SHAFT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5173355	BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5173356	BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5173357	BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5173369	PANEL PLATE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5173423	BRACKET FOR PIPE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5173426	VALVE CABINET BRACKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5174307	FLOODLIGHT BRACKET, DETAIL YD53	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5174657	WIRESHEAVE COMPLETE,ORDINARY FOR CROWN BL./ROCKER ARM,YD53	BA5305014	COMPLETE 72 INCH WIRESHEAVE, 2 INCH WIRE, ORDINARY, ABS, RAL 3002
BA5174657-02	WIRESHEAVE COMPLETE,ORDINARY FOR CROWN BL./ROCKER ARM,YD53	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5174657-03	WIRESHEAVE COMPLETE,ORDINARY FOR CROWN BL./ROCKER ARM,YD53	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5174658	WIRESHEAVE COMPLETE,SUPER LIGHT, FOR CROWN BL./ROCKER ARM,YD53	BA5305015	COMPLETE 72 INCH WIRESHEAVE, 2 INCH WIRE, SUPERLIGHT, ABS, RAL 3002 CARMINE RED
BA5174658-01	WIRESHEAVE COMPLETE SUPER LIGHT ABS/DNV -FOR CROWN BL./ROCKER ARM YD53	BA5305015-01	COMPLETE 72 INCH WIRESHEAVE, 2 INCH WIRE, SUPERLIGHT, DNV, RAL 1023
BA5174894	WIRESHEAVE COMPLETE,<(>,<)>FOR CROWN, YD43	BA5305008	COMPLETE 78 INCH WIRESHEAVE, 2 INCH WIRE, ORDINARY, ABS, RAL 3002 CARMINE RED
BA5175884	FIXTURE FOR BOLT/LOAD CELL	BA0098763	LOCKING DEVICE KIT FOR BOLT/LOAD CELL
BA5176106	ROCKER ARMS 72" SHEAVE FOR WIRE ø56",ORDINARY, ASSEMBLY -YD43	BA5305009	COMPLETE 72 INCH WIRESHEAVE, 56mm WIRE, ORDINARY, ABS, RAL 3002 CARMINE
BA5176108	ROCKER ARMS (SUPER LIGHT) 72" SHEAVE, WIRE ø56mm, ASSEMBLY -YD43	BA5305010	COMPLETE 72 INCH WIRESHEAVE, 56mm WIRE, SUPERLIGHT, ABS, RAL 3002
BA5176110	WIRE SHEAVE 78" FOR 56MM WIRE ASSEMBLY FOR CROWN BLOCK -YD43	BA5304998	COMPLETE 78 INCH WIRESHEAVE, 56mm WIRE, ORDINARY, ABS, RAL 3002 CARMINE RED
BA5176110-01	WIRE SHEAVE 78" FOR 56MM WIRE ASSEMBLY FOR CROWN BLOCK -YD43	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5176110-02	WIRE SHEAVE 78" FOR 56MM WIRE ASSEMBLY FOR CROWN BLOCK -YD43	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5176110-03	WIRE SHEAVE 78" FOR 56MM WIRE ASSEMBLY FOR CROWN BLOCK -YD43	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5176307	ROTATOR HOSE KIT FOR 144" LINKS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5176438	COVER	BA5414415	TOP COVER 3-GRIP RN
BA5176494	PNEUMATIC HOSE KIT FOR 144" ELEVATOR LINKS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5176515	HOSE KIT FOR 220" ELEVATOR LINKS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5176516	ROTATOR HOSE KIT FOR 220" ELEVATOR LINKS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5176517	PNEUM. ELEVATOR HOSE KIT FOR 220" LINKS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5176581	LOWER JAW, COMPLETE	BA0098116	JAW LOWER ASSEMBLY
BA5178632	ROLLER SHAFT	BA0068601	ROLLER SHAFT DETAIL
BA5178633	LOCKING PLATE	BA0076192	LOCKING PLATE DETAIL
BA5178634	LOCATING PLATE	BA0076193	LOCKING PLATE DETAIL
BA5178635	SPACER	BA0076194	SPACER DETAIL
BA5178636	LOCKING RING	BA0076195	LOCKING RING DETAIL
BA5178637	SPACER	BA0076196	SPACER DETAIL
BA5178638	RING	BA0066543	SIMMERRING LOCKING WASHER SET
BA5178639	RING	BA0074288	LOWER RING FOR REAR ROLLER ASSEMBLY DETAIL
BA5178642	ROLLER SHAFT	BA0068602	ROLLER SHAFT DETAIL
BA5178644	LOCATING PLATE	BA0076198	LOCKING PLATE DETAIL
BA5178645	SPACER	BA0076199	SPACER DETAIL
BA5178646	LOCKING RING	BA0076200	LOCKING RING DETAIL
BA5178647	SPACER	BA0076201	SPACER DETAIL
BA5178648	RING	BA0074290	RING FOR GRIPPER ARM ROLLER ASS. DETAIL
BA5178673	GRIPPER HEAD GRIPP ARM ROLLER	BA5178630	GRIPPER HEAD GUIDE ARM ROLLER
BA5178810	COVER FOR VALVE CABINET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA5178904	SPRING COVER	BA5258781	SPRING COVER
BA5179244	SHIM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5179437	UPPER JAW, COMPLETE	BA5258776	JAW UPPER ASSEMBLY
BA5179547	RISER TOOL HOSE KIT ASSY.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5179965	SHEAVE SHAFT, Ø540 L=1264, S355K2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5179965-03	SHEAVE SHAFT, Ø540 L=1264, S355K2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5179972	DISTANCE RING, Ø568/539,8 L=18,4, S355J2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5179972-03	DISTANCE RING, Ø568/539,8 L=18,4, S355J2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5179973-03	ADJUSTMENT LOCK, Ø650 L=79, S355J2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5179974	PLATE DETAIL, 50X120X590, S355J2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5179974-03	PLATE DETAIL, 50X120X590, S355J2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5179975	END COVER DETAIL, Ø720 L=35, S355J2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5179975-03	END COVER DETAIL, Ø720 L=35, S355J2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5179976	PLATE DETAIL, 80X2052X2870, S355J2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5179976-03	PLATE DETAIL, 80X2052X2870, S355J2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5179977	PLATE DETAIL, 80X2052X2870, S355J2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5179977-03	PLATE DETAIL, 80X2052X2870, S355J2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5179978	LIFTING LUG, 400X684X1290, TTSE 355 Z3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5179978-03	LIFTING LUG, 400X684X1290, TTSE 355 Z3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5179979	CONNECTION ADAPTER, 400X1060X1294, TTSE 355 Z3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5179979-03	CONNECTION ADAPTER, 400X1060X1294, TTSE 355 Z3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5179980	END PLATE, Ø290 L=20, S355J2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5179980-03	END PLATE, Ø290 L=20, S355J2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5179983	SIDE COVER, STEEL ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5179983-03	SIDE COVER, STEEL ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5179987	BOTTOM COVER, STEEL ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5179987-03	BOTTOM COVER, STEEL ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5179990	BOLT FOR SIDE COVER, Ø70 L=1288, I-4418	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5179990-03	BOLT FOR SIDE COVER, Ø70 L=1288, I-4418	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5179991	BOLT FOR BOTTOM COVER, Ø95 L-1288, I-4418	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5179991-03	BOLT FOR BOTTOM COVER, Ø95 L-1288, I-4418	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5179992	LOCKING PLATE DETAIL, Ø288 L=25, S355J2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5179992-03	LOCKING PLATE DETAIL, Ø288 L=25, S355J2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5180001	SHEAVE SHAFT, Ø540 L=1154, S355J2+N	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5180001-03	SHEAVE SHAFT, Ø540 L=1154, S355J2+N	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5180003-03	DISTANCE RING, Ø568/539,8 L=22, S355J2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5180004	SIDE PLATE (A)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5180004-03	SIDE PLATE (A)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5180007	SIDE PLATE (B)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5180007-03	SIDE PLATE (B)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5180010	LIFTING LUG, 375X676X1183, TTSE 355 Z3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5180010-03	LIFTING LUG, 375X676X1183, TTSE 355 Z3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5180011	CONNECTION ADAPTER, 350x985x1187, TTSE 355 Z3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5180011-03	CONNECTION ADAPTER, 350x985x1187, TTSE 355 Z3	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5180012-03	END PLATE, Ø270 L=20, S355J2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5180013-03	AXLE ,Ø200 L=427 ,S355J2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5180910	PLATFORM SUPPORT BEAM, DETAIL DRAWING YD32	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5181553	SIDE COVER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5181553-03	SIDE COVER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5181557	BOTTOM COVER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5181557-03	BOTTOM COVER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA5181560	BOLT FOR SIDE COVER, Ø70 L=1176, I-4418	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5181560-03	BOLT FOR SIDE COVER, Ø70 L=1176, I-4418	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5181561	BOLT FOR BOTTOM COVER, Ø95 L-11176, I-4418	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5181561-03	BOLT FOR BOTTOM COVER, Ø95 L-11176, I-4418	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5181562-03	LOCKING PLATE, Ø210 L=20, S355J2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5181569	SIDE PLATE (A), 80X1879X2659, S355J2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5181569-03	SIDE PLATE (A), 80X1879X2659, S355J2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5181570	SIDE PLATE (B), 80X1879X2659, S355J2	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5181570-03	SIDE PLATE (B)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5181637	TRIP SAVER SUPPORT FOR 2" PIPE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5182157	DAT TRIP SAVER, SKIDDING PLATE.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5182413	CONNECTION ADAPTER, 721X1320X1620, NVE36Z	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5182413-03	CONNECTION ADAPTER, 721X1320X1620, NVE36Z	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5182414	ADAPTOR BOLT, Ø200 L=339, SIS2541	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5182414-03	ADAPTOR BOLT, Ø200 L=339, SIS2541	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5183151	TRIP SAVER SLIDE BEARING SUPPORT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5183934	INSTRUMENT & HYD VALVE CABINET, HALF FABRICATED	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5185596	SAVER SUB, PIN 7-5/8" REG - PIN 6-5/8" VAM EIS	BA5185596-01	SAVER SUB PIN 7-5/8" REG - PIN 6-5/8" VAM EIS
BA5185597	SAVER SUB, PIN 7-5/8" REG - PIN VAM EXPRESS VX57	BA5185597-01	SAVER SUB PIN 7-5/8" REG - PIN VAM EXPRESS VX57
BA5185991	VALVE BRACKET	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5194058	SAVER SUB, PIN 6-5/8" REG - PIN NC50	BA5194058-01	SAVER SUB PIN 6-5/8" REG - PIN NC50
BA5194059	SAVER SUB, PIN 6-5/8" REG - PIN VAM EXPRESS VX57	BA5194059-01	SAVER SUB PIN 6-5/8" REG - PIN VAM EXPRESS VX57
BA5194060	SAVER SUB, PIN 6-5/8" REG - PIN 6-5/8" VAM EIS	BA5194060-01	SAVER SUB PIN 6-5/8" REG - PIN 6-5/8" VAM EIS
BA5195547	WHEEL	BA5074880	COUNTERBALANCE WIRE GUIDE WHEEL YD43
BA5196282	PLATE	BA5132804	PLATE
BA5196432	SAVER SUB, PIN 6-5/8" REG - PIN 5-1/2"FH	BA5196432-01	SAVER SUB PIN 6-5/8" REG - PIN 5-1/2"FH
BA5199994	CRANK FOR 15000 PSI IBOP, DETAIL	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5200295	HOSE 1SN - G1 - D8 W/ END FITTINGS L=1600	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5200296	HOSE 1SN - G1 - D8 W/ END FITTINGS L=2600	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5201946-01	MANIFOLD FOR CABLE PROTECTION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5201946-01?	MANIFOLD FOR CABLE PROTECTION	BA5201946-01	MANIFOLD FOR CABLE PROTECTION
BA5202445	CIRCLIP/SNAP RING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5202679	ONLINE FILTRATION UNIT	BA5232586	(OFU) ONLINE FILTRATION UNIT
BA5202745	FIXED DOLLY, ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5203529	SAVER SUB, PIN 7-5/8 REG - PIN 6-5/8"FH	BA5203529-01	SAVER SUB PIN 7-5/8 REG - PIN 6-5/8"FH
BA5203530	SAVER SUB, PIN 7-5/8" REG - PIN 5-1/2"FH	BA5203530-01	SAVER SUB PIN 7-5/8" REG - PIN 5-1/2"FH
BA5203531	SAVER SUB, PIN 7-5/8" REG - PIN NC50	BA5203531-01	SAVER SUB PIN 7-5/8" REG - PIN NC50
BA5203878	GUIDE ROLLER ROLLER	BA0096140	GUIDE ROLLER PA6 NATURAL WHITE
BA5204497	MH HC 140 EL MT, RAL 3002 CARMINE RED, COMPLETE	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5204515	STUD BOLT	BA0082467	STUD BOLT
BA5206056	ROUGHNECK FRAME, HALF FABRICATE W/PARTS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5206203	IBOP MECHANISM YOKE/GUIDE FOR 7 3/4"OD IBOP	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5210004	LOCKING PLATE FOR BOLT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5216724	HOSE RUPTURE VALVE KIT, 1/2", 316 FOR HOSE CONNECTION OFU.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5218800	UNDERHULL GUIDE WORKING PLATFORM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5223198	TROLLEY ASSEMBLY COMPLETE TFM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5229051	BOLT	BA5432041	BOLT
BA5229158	HANDLE	BA5432044	HANDLE
BA5230819	WIRE SHEAVE COMPLETE SUPERLIGHT FOR CROWN BLOCK/ROCKER ARM YD53.	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5230819-01	TRAFFIC YELLOW RAL 1023 ABS WIRE SHEAVE COMPL. SUPERLIGHT, FOR CROWN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5230833	WIRESHEAVE COMPLETE ORDINARY FOR CROWN BL./ROCKER ARM YD53	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA5230833-01	TRAFFIC YELLOW RAL 1023 ABS WIRE SHEAVE COMPL. ORDINARY FOR CROWN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5233315	SAVER SUB PIN 7-5/8" REG - PIN VAM EXPRESS VX46	BA5233315-01	SAVER SUB PIN 7-5/8" REG - PIN VAM EXPRESS VX46
BA5233316	SAVER SUB PIN 7-5/8" REG - PIN VAM EXPRESS VX50	BA5233316-01	SAVER SUB PIN 7-5/8" REG - PIN VAM EXPRESS VX50
BA5233317	SAVER SUB PIN 7-5/8" REG - PIN VAM EXPRESS VX57	BA5233317-01	SAVER SUB PIN 7-5/8" REG - PIN VAM EXPRESS VX57
BA5234158	GRIP HEAD SIZE 1 ASSEMBLY MH 5234158	BA5433819	MH 5433819 GRIP HEAD SIZE 1- DnV-RED
BA5237847	SAVER SUB PIN 7-5/8" REG - PIN 6-5/8" REG	BA5237847-01	SAVER SUB PIN 7-5/8" REG - PIN 6-5/8" REG
BA5237848	SAVER SUB PIN 7-5/8" REG - PIN NC50	BA5237848-01	SAVER SUB PIN 7-5/8" REG - PIN NC50
BA5238518	SAVER SUB PIN 7-5/8" REG - PIN VAM EXPRESS VX39	BA5238518-01	SAVER SUB PIN 7-5/8" REG - PIN VAM EXPRESS VX39
BA5241881	BASE UNIT FOR STB TORQUE MASTER	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5245117	CAPACITY REGULATOR	BA0094125	CAPACITY REGULATOR
BA5248162	SAVER SUB PIN 6-5/8" REG - PIN DS55 (5-1/2"FH)	BA5248162-01	SAVER SUB PIN 6-5/8" REG - PIN DS55
BA5250576	TENSION WASHER	BA5246845	CMC 1500/2500-25: TENSIONER WASHER, DETAIL
BA5251810	BC41 TURNTABLE MH RN COMPLETE, RAIL WIDTH 1950 (IN-IN)	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5258756-01	FILTER BRACKET STEEL ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5258759-01	FILTER BRACKET, STEEL ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5258780	JAW LOWER ASSEMBLY	BA0098116	JAW LOWER ASSEMBLY
BA5264923	TURNTABLE FOR ROUGHNECK	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5269461	MH 5269461 - POSITION DETECTOR	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5270463	19" RACK MOUNTING ANGLES 482.6 MM (19") LENGHT 800MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5277260	YD38- HPU FOR AHC, GENERAL ARRANGEMENT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5279717	BACK UP WRENCH BODY, RAL 1023	BA5285680	BACK UP WRENCH BODY, RAL 1023
BA5280325	T-JOINT, STEEL ASSEMBLY	BA5451816	MH 5451816 T-JOINT
BA5280684	HYDRAULIC CYLINDER D007371	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5280685	OUTER ARM 1	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5280723	CONTROL VALVE UNIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA528709	TOP BRACKET MESURING SYSTEM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5288413	SAVER SUB PIN 7-5/8" REG - PIN 5-7/8" XT-57, DETAIL	BA5288413-01	SAVER SUB PIN 7-5/8" REG - PIN XT57
BA5293637	COMPLETE 28" WIRESHEAVE, 3/4" WIRE, ORDINARY, DNV RAL 3002 CARMINE RED	BA5231354	COMPLETE 28 INCH WIRESHEAVE, 3/4 INCH WIRE, ORDINARY, RAL 3002 CARMINE RED
BA5307904	PILOT LINE ACCUMULATOR BLOCK, RAMRIG HPU	BA0175921	ACCUMULATOR MANIFOLD, DNV - CT10
BA5400370	MH 5400370 - MAIN FRAME - HYD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5400371	MH 5400371 - MAIN FRAME - HYD	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5402841	MH DLA 140 FM MA GA	BA5430257	MH DLA 140 FM MA
BA5407000	SIGN PLATE LOGO MHWIRTH WHITE	BA0069980	SIGN PLATE, LOGO 1, WHITE
BA5407000-01	SIGN PLATE LOGO MHWIRTH BLACK	BA0079229	SIGN PLATE, LOGO 1, BLACK
BA5407000-02	SIGN PLATE LOGO MHWIRTH WHITE	BA0069981	SIGN PLATE, LOGO 2, WHITE
BA5407000-03	SIGN PLATE LOGO MHWIRTH BLACK	BA0079230	SIGN PLATE, LOGO 2, BLACK
BA5407000-04	SIGN PLATE LOGO MHWIRTH WHITE	BA0069982	SIGN PLATE, LOGO 3, WHITE
BA5407000-05	SIGN PLATE LOGO MHWIRTH BLACK	BA0079231	SIGN PLATE, LOGO 3, BLACK
BA5407000-06	SIGN PLATE LOGO MHWIRTH WHITE	BA0069983	SIGN PLATE, LOGO 4, WHITE
BA5407000-07	SIGN PLATE LOGO MHWIRTH BLACK	BA0079232	SIGN PLATE, LOGO 4, BLACK
BA5407000-08	SIGN PLATE LOGO MHWIRTH WHITE	BA0069984	SIGN PLATE, LOGO 5, WHITE
BA5407000-09	SIGN PLATE LOGO MHWIRTH BLACK	BA0079233	SIGN PLATE, LOGO 5, BLACK
BA5407000-10	SIGN PLATE LOGO MHWIRTH WHITE	BA0069985	SIGN PLATE, LOGO 6, WHITE
BA5407000-11	SIGN PLATE LOGO MHWIRTH BLACK	BA0079234	SIGN PLATE, LOGO 6, BLACK
BA5407000-12	SIGN PLATE LOGO MHWIRTH WHITE	BA0069986	SIGN PLATE, LOGO 7, WHITE
BA5407000-13	SIGN PLATE LOGO MHWIRTH BLACK	BA0079235	SIGN PLATE, LOGO 7, BLACK
BA5409550	SWING SHEAVE COVER	BA0061880	SWING SHEAVE COVER
BA5409551	CYL. SHEAVE COVER	BA0067035	CYLINDER SHEAVE COVER
BA5413017-01	FLOW DIVIDER KIT	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5413220	ROLLER	BA5452500	ROLLER
BA5416256	SAVER SUB PIN XT57 - BOX NC77	BA5416256-01	SAVER SUB PIN NC77- BOX XT57

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BA5416257	SAVER SUB PIN 6-5/8 FH - BOX NC77	BA5416257-01	SAVER SUB PIN NC77- BOX 6-5/8 FH
BA5416756	MH 5416756 - COMPONENTS - HYD. VERSION	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5417390	LOCK PIN	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5419266	MULTIPLEXER BRACKET ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5430748	LOCKING PLATE	BA0028859	LOCKING PLATE
BA5432851	SPLIT PISTON ROD, ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5432852	SPLIT PISTON ROD, LOWER PART	BA5446597	SPLIT PISTON ROD, ASSEMBLY
BA5432853	SPLIT PISTON ROD, UPPER PART	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5433065	RETAINING RING, RAL 3002, DETAIL	BA5457602	RETAINING RING
BA5433065-01	RETAINING RING, RAL 1023, DETAIL	BA5457602-01	RETAINING RING
BA5433459	HOSE ASSEMBLY - 1 1/2"	BA0172599	HOSE ASSEMBLY - 1 1/2"
BA5433460	HOSE ASSEMBLY - 1 1/4"	BA0172640	HOSE ASSEMBLY - 1 1/4"
BA5433461	HOSE ASSEMBLY - 3/4"	BA0172641	HOSE ASSEMBLY - 3/4"
BA5433464	HOSE ASSEMBLY-1/2"	BA0172595	HOSE ASSEMBLY - 1/2"
BA5433586	HOSE ASSEMBLY - 1 1/4"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5433587	HOSE ASSEMBLY - 1"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5433588	HOSE ASSEMBLY - 3/4"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5433589	HOSE ASSEMBLY - 5/8"	BA0172598	HOSE ASSEMBLY - 5/8"
BA5433949	HOSE ASSEMBLY - 1 1/2"	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5435381	FRONT LEG	BA5432042	FRONT LEG
BA5435382	REAR LEG	BA5432043	REAR LEG
BA5448718	LOCKING RING	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5454738	SHIM PLATE - 5MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5454779	MH DLA 140 FM MA	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5455394	SHIM PLATE - 1MM	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA5462892-01	VALVE BRACKET, ASSEMBLY	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BA65710	RADIO CONTROL PANEL FOR WINCH, MANUAL OPERATION	BA0065710	RADIO CONTROL PANEL FOR WINCH, MANUAL OPERATION
BAA0099380	TERMINAL BLOCK W/FUSE ExnA	BA0099380	TERMINAL BLOCK W/FUSE ExnA
BAASVX03RXD0001	VX03RXD0001 SURGE TANK 2,8 M3 SAFE	BAASVL02RXD0001	VL02RXD0001 SURGE TANK 2,8 M3 SAFE
BAASVX03RXD0002	VX03RXD0002 SURGE TANK 2,8 M3 ZONE 2	BAASVL02RXD0002	VL02RXD0002 SURGE TANK 2,8 M3 ZONE 2
BAASVX03RXD0003	VX03RXD0003 SURGE TANK 6 M3 SAFE	BAASVL02RXD0003	VL02RXD0003 SURGE TANK 6 M3 SAFE
BAASVX03RXD0004	VX03RXD0004 SURGE TANK 6 M3 ZONE 2	BAASVL02RXD0004	VL02RXD0004 SURGE TANK 6 M3 ZONE 2
BABA0064270	SOCKET CAP SCREW	BA0064270	SOCKET CAP SCREW
BATEMPORARY	MISCELLANEOUS GOODS	-	NO DIRECT REPLACEMENT, CONTACT MHWIRTH FOR OPTIONS
BAUS1006-MOD	PLATE	BA0109447	PLATE
BAUS1060-05-0035	BOLT	BA0109448	BOLT
BAUS11050246	SEAL	BA0109462	SEAL
BAUS11078934-CL	CL ASSY, GEAR DRIVE W/ LUBE COOLING SYS	BA0109464	CL ASSY, GEAR DRIVE W/ LUBE COOLING SYS
BAUS20234338	FLOW SWITCH WITH CONTROL UNIT	BA0109476	FLOW SWITCH WITH CONTROL UNIT
BAUS20631044	GASKET	BA0109477	GASKET
BAUS21032873	BALL VALVE	BA0109487	BALL VALVE
BAUS3223-05-0010	ECB SHCS, #10-24 X 3/8"L ZP	BA0109568	ECB SHCS, #10-24 X 3/8"L ZP
BAUS64-01-21-002	64-01-21-002 TERMINAL BLOCK	BA0109582	ECB TERMINAL BLK SINGLE GRN/Yel 2.5 ATEX
BAUS64-75-01-008	FERRULE, 8AWG, .071"L	BA0109588	ECB Ferrule, 8AWG, .071"L
BAUS64-75-01-026	FERRULE, 26-24AWG, .024"L	BA0109589	ECB FERRULE, 26-24AWG, .024"L
BAUS80-01-05-001	SILICONE RUBBER FIBERGLASS	BA0109604	ECB NU-SLEEVE SG-200 A 5/8"
BAUS80-01-06-001	SILICONE RUBBER FIBERGLASS	BA0109605	ECB NU-SLEEVE SG-200A 3/8"
BAUS80-01-10-001	SILICONE RUBBER FIBERGLASS	BA0109606	ECB NU-SLEEVE SG-200 A 10
BAUSECB-114	ECB COVER, BREATHER HOUSING	BA0109717	ECB COVER, BREATHER HOUSING
BAUSNPD-125	ECB Nameplate, MDL55	BA0109725	ECB Nameplate, MDL55
BAUSNPD-125-2	NAMEPLATE, ELEC DIAGRAM, MODEL 55	BA0109726	NAMEPLATE, ELEC DIAGRAM, MODEL 55

HMH ESS Obsolete Material Numbers

Obsolete Part Number	Description	Replacement Part Number	Description
BAUSNPD-126	NAMEPLATE, ECB, MODEL 64	BA0109727	NAMEPLATE, ECB, MODEL 64
BAUSNPD-126-2	NAMEPLATE, ELEC DIAGRAM, MODEL 64	BA0109728	NAMEPLATE, ELEC DIAGRAM, MODEL 64
BAUSNPD-127	NAMEPLATE, ECB, MODEL 72	BA0109729	NAMEPLATE, ECB, MODEL 72
BAUSNPD-127-1	NAMEPLATE, ECB, MODEL 72	BA0109730	NAMEPLATE, ECB, MODEL 72
BAUSNPD-127-2	NAMEPLATE, ECB, MODEL 72	BA0109731	NAMEPLATE, ECB, MODEL 72
BAUSNPD-1600	NAME PLATE PERFORMANCE TPK-1600	BA0109732	NAME PLATE PERFORMANCE TPK-1600
BAUSNPL-1600	NAME PLATE TPK-1600	BA0109733	NAME PLATE TPK-1600