

61-1200

3-SPOOL CONTROL VALVE LEVERS – S/N 130001A- ALL MODELS

Item	Part Number	Description	Qty	Serial Number
1	37C-1JC-3931	AUXILIARY LEVER ASSY.....	1	
	37C-1JB-3531YA	.LEVER	1	
	3EB-61-21340	.KNOB	1	
	3MA-73-13180	.BUSHING	1	
2	37C-1JC-3921	TILT LEVER ASSY.....	1	
	37C-1JB-3521YA	.LEVER	1	
	3EB-61-21251	. KNOB.....	1	
	3MA-73-13180	.BUSHING	1	
3	37C-1JB-3511	LIFT LEVER ASSY	1	
	37C-1JB-3511YA	.LEVER	1	
	3EB-61-21241	.KNOB	1	
	3MA-73-13180	.BUSHING	1	
4	304-60-31110	SPACER-WASHER	3	
5	04050-12015	PIN, COTTER	6	
6	04205-10825	PIN.....	6	
7	3EC-61-39120	LINK.....	1	
8	3EC-61-39110	LINK.....	2	
9	3EC-61-12130	BOOT.....	3	
10	01599-01214	NUT	1	
11	01643-71232	WASHER.....	1	
12	37C-1JD-3030	SHAFT.....	1	
13	F1110-40612	BOLT	1	
14	3EC-61-39510	BRACKET	1	
15	01010-81035	BOLT	2	
16	01643-31032	WASHER.....	2	

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66-1100

HYDRAULIC SYSTEM - HYDRAULIC TANK COVER - S/N 130001~ ALL MODELS

Item	Part Number	Description	Qty	Serial Number
1	3EC-66-39110	COVER.....	1	
2	3EC-05-31120	GASKET.....	1	
3	01010-80635	BOLT	6	
4	07005-00812	SEAL WASHER	6	
5	3EC-66-11240	CAP	1	
6	3EC-66-34410	BREATHER (FG(D)40/45/50)(411 MM)	1	
	3EC-66-39450	BREATHER (FG(D)40Z)(336 MM)	1	
	3EC-66-39470	BREATHER (FG35S/45S, FG35BCS/45BCS) (280 MM).....	1	

66-1400

HYDRAULIC PIPING - POWER STEERING RETURN LINES, INCL OIL COOLER (TOP VIEW)
S/N 130001- - PNEUMATIC TIRE MODELS (FG(D)40Z/40/45/50)

Item	Part Number	Description	Qty	Serial Number
1	01010-81020	BOLT	3	
2	01435-00816	BOLT	2	
3	01435-01016	BOLT	2	
4	01643-31032	WASHER	3	
5	04434-52110	CLIP	1	
6	04434-52310	CLIP	1	
7	07102-204A8	HOSE	1	
8	07260-01471	HOSE	1	
9	07281-00259	CLAMP	8	
10	3BA-66-25280	NIPPLE	1	
11	3EA-05-46140	CLAMP	1	
12	3EC-66-32730	PLATE	1	
13	3EC-66-39660SA	PIPE	1	
14	3ED-66-41371	NIPPLE	2	
15	540-62-13330	O-RING	1	
16	07123-004A9	HOSE	1	

66-1416

HYDRAULIC PIPING - POWER STEERING CYLINDER SUPPLY LINES (SIDE VIEW) - S/N 130001~
PNEUMATIC TIRE MODELS (FG(D)40Z/40/45/50)

Item	Part Number	Description	Qty	Serial Number
1	37C-1AG-A210	HOSE, L.H. (COMPACT WHEELBASE)	1	
2	37C-1AG-A220	HOSE, L.H. (ALL OTHERS)	1	
3	37C-1AG-A310	HOSE, R.H. (COMPACT WHEELBASE)	1	
4	37C-1AG-A320	HOSE, R.H. (ALL OTHERS)	1	

72-1100

80D-MS LIMITED FREE LIFT 2-STAGE MAST - S/N 130001A~
SAFETY DECALS

Item	Part Number	Description	Qty	Serial Number
1	3EB-79-A6010	DECAL - MAST - NO HAND HOLD.....	5	
2	3EB-79-A6020	DECAL - MAST - NO STEP.....	2	
3	3EB-79-A5310	DECAL - MAST - WARNING.....	1	
4	CC200798	TAG - MAST - WARNING-TRAPPED AIR.....	1	

72-1500

80D-MS LIMITED FREE LIFT 2-STAGE MAST - S/N 130001A- HOIST CHAINS

Item	Part Number	Description	Qty	Serial Number
OCL = OUTER CHANNEL LENGTH (IN.)				
1	CC678806	MAIN LIFT CHAIN (OCL = 81")	2	
	CC687807	MAIN LIFT CHAIN (OCL = 87")	2	
	CC209406	MAIN LIFT CHAIN (OCL = 95")	2	
	CC213370	MAIN LIFT CHAIN (OCL = 101")	2	
	CC227338	MAIN LIFT CHAIN (OCL = 111")	2	

72-1950

80D-MS LIMITED FREE LIFT 2-STAGE MAST - S/N 130001A-
INTERNAL HOSE REEVING - DOUBLE FUNCTION

Item	Part Number	Description	Qty	Serial Number
OCL = OUTER CHANNEL LENGTH (IN.)				
	CC230322	HOSE (OCL = 81").....	2	
	CC230328	HOSE (OCL = 87").....	2	
	CC230338	HOSE (OCL = 95").....	2	
	CC230348	HOSE (OCL = 101").....	2	
	CC230366	HOSE (OCL = 111").....	2	
1	3EB-73-A5490	CAPSCREW - HEX HEAD.....	6	
2	3EB-79-A6040	WASHER, LOCK - M10.....	6	
3	CC223064	IHR BRACKET.....	1	
4	CC763169	CAPSCREW - M6 X 20.....	4	
5	CC223101	BAR CLAMP.....	2	
6	CC230487	HOSE INSERT.....	4	
7	CC223094	IHR BRACKET.....	1	
8	CC223068	IHR BRACKET.....	1	
9	CC223103	IHR SHEAVE.....	2	
10	CC205086	WASHER.....	2	
11	CC688935	RING, SNAP - 1.0" DIAMETER.....	2	
12	CC209742	CAPSCREW - M8 X 16.....	2	
13	CC206315	WASHER, LOCK - M8.....	2	
14	CC223107	IHR BRACKET.....	1	
15	CC2454	UNION, BULKHEAD - 90°.....	2	
K21	45C-AAX-3410	KIT, HOSE, 2-STAGE, DOUBLE FUNCTION ...	1	

72-2250

80D-MT FULL FREE LIFT 3-STAGE MAST - S/N 130001A~
FREE LIFT CYLINDER

Item	Part Number	Description	Qty	Serial Number
OCL = OUTER CHANNEL LENGTH (IN.)				
	CC226204	CYLINDER ASSY (OCL = 81")	2	TO 03/09/03
	CC1001940	CYLINDER ASSY (OCL = 81.5")	2	03/10/03~
	CC226210	CYLINDER ASSY (OCL = 87")	2	TO 03/09/03
	CC1001946	CYLINDER ASSY (OCL = 88.5")	2	03/10/03~
	CC226218	CYLINDER ASSY (OCL = 95")	2	TO 03/09/03
	CC1001954	CYLINDER ASSY (OCL = 96.5")	2	03/10/03~
	CC226224	CYLINDER ASSY (OCL = 101")	2	TO 03/09/03
	CC1001960	CYLINDER ASSY (OCL = 102.5")	2	03/10/03~
	CC226230	CYLINDER ASSY (OCL = 107")	2	TO 03/09/03
	CC1001966	CYLINDER ASSY (OCL = 108.5")	2	03/10/03~
1	CC3141	RING, SNAP	1	
2	CC223071	SHEAVE	4	
3	CC3147	CLIP, RETAINER	3	
4	CC223072	CROSSHEAD WELDMENT	1	
5	CC223077	BAND - FREE LIFT CYLINDER	1	
6	CC219596	SOCKET SCREW	2	
7	CC611326	FITTING	1	
8	CC611323	ELBOW - 90° SWIVEL	1	
K	CC226956	SEAL KIT	1	TO 03/09/03
K	CC1002527	SEAL KIT	1	03/10/03~

72-2500

**80D-MT FULL FREE LIFT 3-STAGE MAST – S/N 130001A~
HOIST CHAINS**

Item	Part Number	Description	Qty	Serial Number
OCL = OUTER CHANNEL LENGTH (IN.)				
1	CC678806	MAIN LIFT CHAIN (OCL = 81")	2	
	CC687807	MAIN LIFT CHAIN (OCL = 87")	2	
	CC209406	MAIN LIFT CHAIN (OCL = 95")	2	
	CC213370	MAIN LIFT CHAIN (OCL = 101")	2	
	CC227338	MAIN LIFT CHAIN (OCL = 111")	2	
2	CC205989	FREE LIFT CHAIN (OCL = 81")	2	
	CC205204	FREE LIFT CHAIN (OCL = 87")	2	
	CC678807	FREE LIFT CHAIN (OCL = 95")	2	
	CC678808	FREE LIFT CHAIN (OCL = 101")	2	
	CC678809	FREE LIFT CHAIN (OCL = 111")	2	

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72-2900

80D-MT FULL FREE LIFT 3-STAGE MAST - S/N 130001A-
INTERNAL HOSE REEVING - SINGLE FUNCTION

Item	Part Number	Description	Qty	Serial Number
OCL = OUTER CHANNEL LENGTH (IN.)				
1	CC230383	HOSE (OCL = 81")	2	
	CC230398	HOSE (OCL = 87")	2	
	CC230414	HOSE (OCL = 95")	2	
	CC230426	HOSE (OCL = 101")	2	
	CC230438	HOSE (OCL = 111")	2	
2	CC223090	IHR BRACKET	1	
3	CC223093	BAR, FORMED	1	
4	CC223088	IHR BRACKET	1	
5	CC223086	IHR UPPER BRACKET	1	
6	CC230487	HOSE INSERT	6	
7	CC205086	WASHER	2	
8	CC688935	RING, SNAP - 1.00 IN. DIAMETER	2	
9	CC223099	STUBSHAFT	2	
10	CC223098	IHR SHEAVE	2	
11	CC223084	HOSE GUARD	2	
12	CC223094	IHR BRACKET	1	
13	CC223096	IHR BRACKET	1	
14	3EB-79-A6040	WASHER, LOCK - M10	12	
15	3EB-73-A5490	CAPSCREW, HEX HEAD	8	
16	CC763169	CAPSCREW - M6 X 20	7	
17	3EB-79-A5360	WASHER, LOCK - M12	1	
18	3EB-79-A5270	NUT - M12	1	
19	CC225555	CAPSCREW - M12 X 20	1	
20	CC223106	IHR BRACKET	1	
21	3EB-79-A5180	NUT - M10	2	
22	CC2454	BULKHEAD UNION - 90°	2	
23	3EB-73-A5340	WASHER, LOCK - M6	1	
24	CC223100	IHR SHEAVE	2	
25	CC200788	CAPSCREW, HEX HEAD	2	
26	3EB-79-A5330	CAPSCREW - BUTTON HEAD	2	
27	CC223101	BAR CLAMP	3	
K22	45C-AAX-3310	KIT, HOSE, 3-STAGE, SINGLE FUNCTION	1	

72-3200

**100D-MS LIMITED FREE LIFT 2-STAGE MAST - S/N 130001A-
MAIN LIFT CYLINDER**

Item	Part Number	Description	Qty	Serial Number
OCL = OUTER CHANNEL LENGTH (IN.)				
1	CC226274	CYLINDER ASSY (OCL = 81")	2	
	CC226281	CYLINDER ASSY (OCL = 87")	2	
	CC226289	CYLINDER ASSY (OCL = 95")	2	
	CC226295	CYLINDER ASSY (OCL = 101")	2	
	CC226301	CYLINDER ASSY (OCL = 107")	2	
2	3EB-79-A5210	RING, SNAP - 1.25" DIAMETER	2	
3	CC205196	WASHER SHIM	AR	
4	3EB-79-A6080	PIN, COTTER	8	
5	CC227843	PIN, RETAINING	2	

72-3600

100D-MS LIMITED FREE LIFT 2-STAGE MAST - S/N 130001A-
LOAD BACKREST

Item	Part Number	Description	Qty	Serial Number
1	CC220636	BACKREST - 47" X 48"	1	
	CC226826	BACKREST - 68" X 48"	1	
2	CC200173	.CAPSCREW - M16 X 2.0 X 35-8.8.....	4	
3	3EB-71-A6030	.WASHER, LOCK - M16	4	

72-3999

100D-MS LIMITED FREE LIFT 2-STAGE MAST - S/N 130001A-
RECOMMENDED STOCK LIST

Item	Part Number	Description	Qty	No. of Masts Serviced
MAIN LIFT CYLINDERS				
SEE PARTS PG		MAIN LIFT CYLINDER ASSY	0	1 - 19
SEE PARTS PG		MAIN LIFT CYLINDER ASSY	1	20 - 50
	CC221007	SEAL KIT	2	1 - 5
	CC221007	SEAL KIT	4	6 - 19
	CC221007	SEAL KIT	8	20 - 50
	CC656920	VALVE KIT	2	1 - 5
	CC656920	VALVE KIT	4	6 - 19
	CC656920	VALVE KIT	8	20 - 50
INTERNAL REEVING				
SEE PARTS PG		HOSE, R.H. AND L.H.	2	1 - 5
SEE PARTS PG		HOSE, R.H. AND L.H.	4	6 - 19
SEE PARTS PG		HOSE, R.H. AND L.H.	8	20 - 50
	CC2454	FITTING, 8-8	1	1 - 5
	CC2454	FITTING, 8-8	2	6 - 19
	CC2454	FITTING, 8-8	4	20 - 50
	CC223100	IHR SHEAVE, SINGLE IHR	1	1 - 5
	CC223100	IHR SHEAVE, SINGLE IHR	2	6 - 19
	CC223100	IHR SHEAVE, SINGLE IHR	4	20 - 50
	CC223103	IHR SHEAVE, DOUBLE IHR	2	1 - 5
	CC223103	IHR SHEAVE, DOUBLE IHR	4	6 - 19
	CC223103	IHR SHEAVE, DOUBLE IHR	8	20 - 50
UPRIGHTS				
	CC223081	CHAIN PIN	8	1 - 19
	CC223081	CHAIN PIN	16	20 - 50
	3EB-79-A6080	COTTER PIN	8	1 - 5
	3EB-79-A6080	COTTER PIN	16	6 - 19
	3EB-79-A6080	COTTER PIN	32	20 - 50
	CC223079	CHAIN ANCHOR	1	1 - 5
	CC223079	CHAIN ANCHOR	2	6 - 19
	CC223079	CHAIN ANCHOR	4	20 - 50
	CC200244	JAM NUT	2	1 - 50
	CC200424	NUT	2	1 - 50
	CC6518	COTTER PIN	4	1 - 5
	CC6518	COTTER PIN	8	6 - 19
	CC6518	COTTER PIN	16	20 - 50
	CC638536	SHIM - .03 IN.	16	1 - 5
	CC638536	SHIM - .03 IN.	32	6 - 19

PARTS LIST CONTINUED ON NEXT PAGE

72-4300

100D-MT FULL FREE LIFT 3-STAGE MAST - S/N 130001A-
OUTER UPRIGHT

Item	Part Number	Description	Qty	Serial Number
OCL = OUTER CHANNEL LENGTH (IN.)				
	CC223215	OUTER UPRIGHT (OCL = 81")	1	
	CC223221	OUTER UPRIGHT (OCL = 87")	1	
	CC223229	OUTER UPRIGHT (OCL = 95")	1	
	CC226500	OUTER UPRIGHT (OCL = 101")	1	
	CC226506	OUTER UPRIGHT (OCL = 107")	1	
1	3EB-79-A5210	RING, SNAP - 1.25 IN. DIAMETER	2	
2	CC205196	WASHER SHIM	AR	
3	CC688169	ROLLER ASSY	8	
4	CC215722	SHIM	4	
5	CC223078	WEAR PLUG	4	
6	CC223079	CHAIN ANCHOR	6	
7	3EB-79-A6080	PIN, COTTER	12	
8	CC223081	PIN	6	
9	CC200244	NUT, JAM HEX	6	
10	CC200242	NUT, FULL HEX	6	
11	CC6518	PIN, COTTER	6	

72-4500

**100D-MT FULL FREE LIFT 3-STAGE MAST – S/N 130001A-
MAIN LIFT CHAINS**

Item	Part Number	Description	Qty	Serial Number
OCL = OUTER CHANNEL LENGTH (IN.)				
1	CC220703	MAIN LIFT CHAIN (OCL = 81")	2	
	CC220706	MAIN LIFT CHAIN (OCL = 87")	2	
	CC224941	MAIN LIFT CHAIN (OCL = 95")	2	
	CC224944	MAIN LIFT CHAIN (OCL = 101")	2	
	CC227382	MAIN LIFT CHAIN (OCL = 111")	2	
2	CC224933	FREE LIFT CHAIN (OCL = 81")	2	
	CC224935	FREE LIFT CHAIN (OCL = 87")	2	
	CC224937	FREE LIFT CHAIN (OCL = 95")	2	
	CC220708	FREE LIFT CHAIN (OCL = 101")	2	
	CC224942	FREE LIFT CHAIN (OCL = 111")	2	

72-4900

**100D-MT FULL FREE LIFT 3-STAGE MAST - S/N 130001A-
INTERNAL HOSE REEVING - SINGLE FUNCTION**

Item	Part Number	Description	Qty	Serial Number
OCL = OUTER CHANNEL LENGTH (IN.)				
1	CC230380	HOSE (OCL = 81")	2	
	CC230395	HOSE (OCL = 87")	2	
	CC230411	HOSE (OCL = 95")	2	
	CC230423	HOSE (OCL = 101")	2	
	CC230435	HOSE (OCL = 111")	2	
2	CC223090	IHR BRACKET	1	
3	CC223093	BAR, FORMED	1	
4	CC223088	IHR BRACKET	1	
5	CC223086	IHR UPPER BRACKET	1	
6	CC230487	HOSE INSERT	6	
7	CC205086	WASHER	2	
8	CC688935	RING, SNAP - 1.00 IN. DIAMETER	2	
9	CC223099	STUBSHAFT	2	
10	CC223098	IHR SHEAVE	2	
11	CC223084	HOSE GUARD	2	
12	CC223094	IHR BRACKET	1	
13	CC223096	IHR BRACKET	1	
14	3EB-79-A6040	WASHER, LOCK - M10	12	
15	3EB-73-A5490	CAPSCREW, HEX HEAD	8	
16	CC763169	CAPSCREW - M6 X 20	7	
17	3EB-79-A5360	WASHER, LOCK - M12	1	
18	3EB-79-A5270	NUT - M12	1	
19	CC225555	CAPSCREW - M12 X 20	1	
20	CC223106	IHR BRACKET	1	
21	3EB-79-A5180	NUT - M10	2	
22	CC2454	BULKHEAD UNION - 90°	2	
23	3EB-73-A5340	WASHER, LOCK - M6	1	
24	CC223100	IHR SHEAVE	2	
25	CC200788	CAPSCREW, HEX HEAD	2	
26	3EB-79-A5330	CAPSCREW - BUTTON HEAD	2	
27	CC223101	BAR CLAMP	3	
K22	45C-AAX-3310	KIT, HOSE, 3-STAGE, SINGLE FUNCTION	1	

72-5200A

**110D-MS LIMITED FREE LIFT 2-STAGE MAST - S/N 130001A~
MAIN LIFT CYLINDERS - P.I.D #110D-MS-001 THROUGH MS-008**

Item	Part Number	Description	Qty	Serial Number
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OCL = OUTER CHANNEL LENGTH (IN.) -

BASED ON 4" UNDERCLEARANCE FOR CUSHION TIRE TRUCKS

	CC1001388	MAIN LIFT CYLINDER (OCL = 89")	2	
	CC1001394	MAIN LIFT CYLINDER (OCL = 95")	2	
	CC1001402	MAIN LIFT CYLINDER (OCL = 103")	2	
	CC1001409	MAIN LIFT CYLINDER (OCL = 110")	2	
	CC1001404	MAIN LIFT CYLINDER (OCL = 115")	2	
1	*	CASE ASSY.	1	
2	*	PISTON	1	
3	CC1356403	RETAINER	1	
4	*	SHAFT	1	
5	*	WIPER	1	(SEAL KIT)
6	*	U-CUP	1	(SEAL KIT)
7	*	O-RING	1	(SEAL KIT)
8	*	BACK-UP RING	1	(SEAL KIT)
9	*	PISTON U-CUP	1	(SEAL KIT)
10	*	STEEL BALL	1	
11	*	CHECK PLUG	1	
12	*	O-RING	1	(SEAL KIT)
13	*	WEAR RING	1	(SEAL KIT)
14	*	ROLL PIN	1	
15	*	CHECK VALVE	1	
16	*	O-RING	1	
17	*	SET SCREW	1	
18	CC1356407	HOLLOW HEX PLUG	1	
K	CC221007	SEAL KIT	1	
K	CC1358999	CHECK VALVE KIT	1	
K	CC233949	SHIM KIT	1	

72-5500

110D-MS LIMITED FREE LIFT 2-STAGE MAST - S/N 130001A-
MAIN LIFT CHAINS

Item	Part Number	Description	Qty	Serial Number
OCL = OUTER CHANNEL LENGTH (IN.)				
1	CC224939	MAIN LIFT CHAIN (OCL = 89")	2	
	CC224941	MAIN LIFT CHAIN (OCL = 95")	2	
	CC220704	MAIN LIFT CHAIN (OCL = 103")	2	
	CC227383	MAIN LIFT CHAIN (OCL = 110")	2	
	CC227386	MAIN LIFT CHAIN (OCL = 115")	2	

72-5950

110D-MS LIMITED FREE LIFT 2-STAGE MAST - S/N 130001A~
INTERNAL HOSE REEVING - DOUBLE FUNCTION - STD-VIS

Item	Part Number	Description	Qty	Serial Number
OCL = OUTER CHANNEL LENGTH (IN.) - UTILIZING #6 HOSES WITH #8 FITTINGS				
	CC242904	HOSE (OCL = 89")	4	
	CC242915	HOSE (OCL = 95")	4	
	CC242931	HOSE (OCL = 103")	4	
	CC242945	HOSE (OCL = 110")	4	
	CC242955	HOSE (OCL = 115")	4	
1	CC232708	IHR BRACKET	2	
2	CC684658	IHR BRACKET	2	
3	CC2454	BULKHEAD UNION - 90°	4	
4	3EB-73-A5490	CAPSCREW - M10 X 25	4	
5	3EB-79-A5190	CAPSCREW - M12 X 80	2	
6	CC787372	CAPSCREW - M8 X 20	4	
7	CC2376	FITTING, BULKHEAD	4	
8	CC238568	HOSE GUARD	2	
9	CC677267	IHR SHEAVE	2	
10	CC231598	IHR BRACKET	2	
11	3EB-79-A6040	WASHER, LOCK - M10	4	
12	3EB-79-A5360	WASHER, LOCK - M12	2	
13	CC206315	WASHER, LOCK - M8	4	
14	3EB-79-A5180	NUT - M10	2	
15	CC206036	SPACER	2	
16	3EB-73-A5220	STUBSHAFT	2	
K21	45C-AAX-3410	KIT, HOSE, 2-STAGE, DOUBLE FUNCTION	1	

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