

SPARE PARTS LIST FOR MD120 with 31i Control

MMUSA PART NO.	PARTS LIST NO.	DESCRIPTION	PART LOCATION	QTY.	RANK
Z074947900	MC81315017	SWITCH (PROX.)	DOOR & COVER	2	⊙
MC81341160	MC81315046	WIPER	DOOR & COVER	2	⊙
MC81344160	MC81315049	BRUSH	DOOR & COVER	2	⊙
Z066260910	MC81315061	LAMP (FL)	DOOR & COVER	2	⊙
Z066913130	MC86330005	CONTROL VALVE -P	COOLANT LEVEL SW	1	○
Z071948750	MC88122003	RING (X)	LOADER CHUCK (AB_LINK)	2	⊙
ZK92144100	MC88122004	RING (O)	LOADER CHUCK (AB_LINK)	2	⊙
Z065961320	MC88122006	JOINT (NPL)	LOADER CHUCK (AB_LINK)	4	○
Z073268700	MC88122008	PCKNG	LOADER CHUCK (AB_LINK)	2	⊙
Z066576460	MC88122009	WASHER	LOADER CHUCK (AB_LINK)	2	⊙
Z070441720	MC88122014	HOSE (AIR)	LOADER CHUCK (AB_LINK)	2	○
Z071948750	MC88123003	RING (X)	LOADER CHUCK (EF_LINK)	1	⊙
Z060181800	MC88123004	RING (O)	LOADER CHUCK (EF_LINK)	1	⊙
Z065961320	MC88123006	JOINT (NPL)	LOADER CHUCK (EF_LINK)	2	○
Z066574840	MC88123008	PCKNG	LOADER CHUCK (EF_LINK)	1	⊙
Z066576460	MC88123009	WASHER	LOADER CHUCK (EF_LINK)	1	⊙
Z065961240	MC88123017	JOINT (NPL)	LOADER CHUCK (EF_LINK)	2	○
Z070441720	MC88123018	HOSE (AIR)	LOADER CHUCK (EF_LINK)	1	○
Z067045550	MC88138010	SPRNG (COIL)	CHUCK GUIDE (3-JAW_LINK)	3	○
Z055001000	MC88138011	GREASE-NIPPLE	CHUCK GUIDE (3-JAW_LINK)	1	○
Z055001000	MC88144010	GREASE-NIPPLE	CHUCK GUIDE (3-JAW EF LINK)	1	○
Z074733000	MC99001001	SWITCH (PROX.)	SUPPLEMENT (MWA)	1	⊙
88719523	MC99001007	PPG-TEE	SUPPLEMENT (MWA)	2	○
Z070892730	MC99001011	CONTROL VALVE -P	SUPPLEMENT (MWA)	6	○
Z067984100	MC99003001	BOND	OIL PROOF SILICON SEAL	1	⊙
Z076121700	MM81103024	CABLE-CHAIN	STAND & FRAME(HG)	2	○
Z060458960	MM81131004	BOLT	SUB LOADER STAND	16	⊙
Z064710460	MM81131024	DMPR	SUB LOADER STAND	2	○
MM81340060	MM81303026	WIPER (SIDE L)	COOLANT SHIELD	10	⊙
MM81340160	MM81303027	WIPER (SIDE R)	COOLANT SHIELD	10	⊙
MM81341061	MM81303028	WIPER (SIDE LOW L)	COOLANT SHIELD	4	⊙
MM81341161	MM81303029	WIPER (SIDE LOW R)	COOLANT SHIELD	4	⊙
MM81341261	MM81303030	WIPER (SIDE LOW L)	COOLANT SHIELD	6	⊙
MM81341361	MM81303031	WIPER (SIDE LOW R)	COOLANT SHIELD	6	⊙
MS31311060	MM81303034	WIPER	COOLANT SHIELD	8	⊙
MM81360061	MM81303035	WIPER(L)	COOLANT SHIELD	2	⊙
MM81360161	MM81303036	WIPER(R)	COOLANT SHIELD	2	⊙
MM81361061	MM81303037	WIPER(L)	COOLANT SHIELD	2	⊙
Z90-68086-01	MM81303058	SLD-CVR-TLSC	COOLANT SHIELD	2	○
Z066271780	MM81303063	JOINT(ELBOW)	COOLANT SHIELD	2	○
ZK66550700	MM81303064	JOINT(ELBOW)	COOLANT SHIELD	2	○
Z066260580	MM81322005	SW(LMT)	REAR & SIDE COVER (HG)	1	⊙
Z061618880	MM82000002	BEARING-RTNR	HEADSTOCK & SPINDLE	2	○
Z060394540	MM82000008	RING(O)	HEADSTOCK & SPINDLE	2	⊙
ZK59001500	MM82000011	RING(O)	HEADSTOCK & SPINDLE	2	⊙
Z905355000	MM83010009	BEARING(LN)	CROSS SLIDE (L)	1	○
Z905355100	MM83010011	BEARING(LN)	CROSS SLIDE (L)	1	○
Z076129000	MM83010024	JOINT(NPL)	CROSS SLIDE (L)	1	○
MM83014062	MM83020012	BEARING(LN)	CROSS SLIDE (R)	1	○
Z905384701	MM83310002	PCKNG	TURRET (10ST)	1	⊙
ZK59003800	MM83310003	RING(O)	TURRET (10ST)	1	⊙

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88609105	MM83310007	WASHER	TURRET (10ST)	8	⊙
Z025070000	MM83310008	RING(O)	TURRET (10ST)	1	⊙
ZK59000300	MM83310010	RING(O)	TURRET (10ST)	10	⊙
Z065869350	MM83310013	RING(O)	TURRET (10ST)	2	⊙
Z0695224A0	MM83310014	SPRNG(COIL)	TURRET (10ST)	1	○
Z071267130	MM83310016	RING(O)	TURRET (10ST)	2	⊙
ZK59001100	MM83410003	RING(O)	TURRET (10ST)	1	⊙
MB01210060	MM83410005	DU BUSH	TURRET (10ST)	1	○
Z075768900	MM83410009	PCKNG	TURRET (10ST)	1	⊙
Z075769100	MM83410010	RING(BK-UP)	TURRET (10ST)	1	⊙
Z076107500	MM83410011	RING(X)	TURRET (10ST)	1	⊙
Z076119900	MM83410012	RING(BK-UP)	TURRET (10ST)	2	⊙
Z076107300	MM83410013	PCKNG	TURRET (10ST)	1	⊙
Z076107400	MM83410014	RING(BK-UP)	TURRET (10ST)	1	⊙
Z060115840	MM83410016	RING(O)	TURRET (10ST)	1	⊙
ZK59107000	MM83410017	RING(O)	TURRET (10ST)	1	⊙
ZK59001200	MM83410018	RING(O)	TURRET (10ST)	1	⊙
Z076109300	MM83410019	BEARING(RB)	TURRET (10ST)	1	○
Z076121600	MM83410022	RING(O)	TURRET (10ST)	1	⊙
Z0677578A0	MM83410025	BEARING(RB)	TURRET (10ST)	1	○
Z211011800	MM83410028	BEARING(RB)	TURRET (10ST)	1	○
Z0601665A0	MM83410030	BEARING NUT	TURRET (10ST)	1	○
Z31-10108-00	MM83410034	BEARING(RB)	TURRET (10ST)	2	○
Z079617200	MM83410037	O-RING	TURRET (10ST)	2	⊙
Z076106900	MM83410042	PACKING	TURRET (10ST)	1	⊙
Z076112700	MM83410044	SPRNG(COIL)	TURRET (10ST)	1	○
MB01010060	MM83410046	DU BUSH	TURRET (10ST)	1	○
Z074947600	MM83410051	SWITCH (PROX.)	TURRET (10ST)	2	⊙
Z905425100	MM83410055	SCRPR	TURRET (10ST)	1	⊙
Z905425200	MM83410056	SCRPR	TURRET (10ST)	1	⊙
Z063008020	MM83410057	JOINT(ELBOW)	TURRET (10ST)	2	○
Z068635130	MM83510002	OIL-CAP	LIVE TOOL	2	⊙
Z068635210	MM83510003	GAUGE(LVL)	LIVE TOOL	2	○
Z068621180	MM83510005	BEARING (ANG)	LIVE TOOL	4	○
Z111010100	MM83510006	BEARING (RB)	LIVE TOOL	2	○
Z068799080	MM83510007	RING(O)	LIVE TOOL	2	⊙
ZV20073200	MM83510008	BEARING NUT	LIVE TOOL	4	○
ZV20073400	MM83510009	BEARING NUT	LIVE TOOL	2	○
Z070461160	MM83510010	OIL SEAL	LIVE TOOL	4	⊙
Z902729650	MM83510012	GEAR	LIVE TOOL	2	○
Z325005800	MM83510016	RING(O)	LIVE TOOL	6	⊙
Z111012800	MM83510021	BEARING (RB)	LIVE TOOL	2	○
Z068634670	MM83510022	BEARING-P	LIVE TOOL	2	○
Z068634910	MM83510023	BEARING(ND)	LIVE TOOL	2	○
Z068634320	MM83510024	OIL SEAL	LIVE TOOL	2	⊙
Z068786340	MM83510036	NUT LOCK-NUT	LIVE TOOL	2	⊙
Z311011300	MM85100022	BEARING	X-AXIS DRIVE	3	○
Z903485850	MM85100024	AIR-MANIFOLD	X-AXIS DRIVE	1	○
Z066139080	MM85200016	BEARING	Z-AXIS DRIVE	2	○
Z905391300	MM85310023	LINEAR GUIDE	Y-AXIS DRIVE	1	○
Z060786380	MM85310024	BEARING	Y-AXIS DRIVE	2	○

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Z076122300	MM85310025	BEARING	Y-AXIS DRIVE	1	o
Z061175100	MM85310026	BEARING	Y-AXIS DRIVE	2	o
Z060608950	MM85410011	BEARING	α-AXIS DRIVE	1	o
ZK81007400	MM85410012	DU-BUSH	α-AXIS DRIVE	1	o
MM95118160	MM85514008	RACK	RAIL	1	o
MM95118160	MM85514009	RACK	RAIL	1	o
MM95118060	MM85514010	RACK	RAIL	1	o
MM95118060	MM85514011	RACK	RAIL	1	o
Z067396510	MM85610013	BEARING	GANTRY HEAD	1	o
Z111003300	MM85610014	BEARING	GANTRY HEAD	2	o
Z063394660	MM85610015	PROXIMITY SW.	GANTRY HEAD	2	⊙
ZK92264400	MM86010002	MNFLD (LUB)	LUBRICATION SYSTEM	2	o
Z070603480	MM86010003	MNFLD (LUB)	LUBRICATION SYSTEM	2	o
Z076117400	MM86010004	MNFLD (LUB)	LUBRICATION SYSTEM	2	o
Z062246770	MM86010005	MNFLD (LUB)	LUBRICATION SYSTEM	2	o
ZK69015200	MM86010006	PPG-TEE	LUBRICATION SYSTEM	1	o
Z060721330	MM86010007	JOINT(INLET)	LUBRICATION SYSTEM	56	o
ZK69022400	MM86010008	JOINT(SLV)	LUBRICATION SYSTEM	56	o
ZK69022600	MM86010009	JOINT(NUT)	LUBRICATION SYSTEM	56	o
ZK69022100	MM86010010	JOINT(INLET)	LUBRICATION SYSTEM	14	o
ZK69022300	MM86010011	JOINT(SLV)	LUBRICATION SYSTEM	14	o
ZK69022500	MM86010012	JOINT(NUT)	LUBRICATION SYSTEM	14	o
ZK69023100	MM86010013	JOINT(ELBOW)	LUBRICATION SYSTEM	11	o
Z060715610	MM86010014	PPG-ELB(S)	LUBRICATION SYSTEM	4	o
Z060715870	MM86010015	PPG-ELB(S)	LUBRICATION SYSTEM	6	o
Z056200300	MM86010016	PPG-SCKT	LUBRICATION SYSTEM	18	⊙
ZK69017100	MM86010017	PPG-NPPL(CL)	LUBRICATION SYSTEM	1	o
Z056201500	MM86010018	PPG-PLUG	LUBRICATION SYSTEM	2	o
Z056202500	MM86010019	GSKT	LUBRICATION SYSTEM	2	o
ZK74001500	MM86010020	HOSE(AIR)	LUBRICATION SYSTEM	14	o
ZK74001600	MM86010021	HOSE(AIR)	LUBRICATION SYSTEM	14	o
Z066014200	MM86010022	SDL	LUBRICATION SYSTEM	8	o
Z066014380	MM86010023	SDL	LUBRICATION SYSTEM	8	o
Z066520240	MM86010024	GREASE	LUBRICATION SYSTEM	2	o
Z067839780	MM86300050	HOSE-ASSY	COOLANT SYSTEM	2	o
Z067840100	MM86300051	HOSE-ASSY	COOLANT SYSTEM	1	o
Z071462340	MM86300052	HOSE-ASSY	COOLANT SYSTEM	1	o
Z070256400	MM86300055	HOSE-ASSY	COOLANT SYSTEM	2	o
Z068496770	MM86300102	JOINT(SWVL)	COOLANT SYSTEM	2	o
88712110M	MM86300105	PPG-NPL	COOLANT SYSTEM	2	o
ZK66501100	MM86300108	JOINT(NPL)	COOLANT SYSTEM	2	o
ZK66500600	MM86300109	JOINT(NPL)	COOLANT SYSTEM	2	o
ZK74020800	MM86300112	HOSE-ADPTR	COOLANT SYSTEM	4	o
ZK74020700	MM86300113	HOSE-ADPTR	COOLANT SYSTEM	8	o
ZK74020400	MM86300114	HOSE-ADPTR	COOLANT SYSTEM	6	o
ZK74020300	MM86300115	HOSE-ADPTR	COOLANT SYSTEM	2	o
Z062163050	MM86300117	HOSE-ADPTR	COOLANT SYSTEM	2	o
Z078317100	MM86300119	HOSE-ASSY	COOLANT SYSTEM	2	o
Z067839860	MM86300120	HOSE-ASSY	COOLANT SYSTEM	1	o
Z067839940	MM86300121	HOSE-ASSY	COOLANT SYSTEM	1	o
Z056178700	MM86342010	HOSE-BAND	OILMIST DUCT	2	o

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MMUSA PART NO.	PARTS LIST NO.	DESCRIPTION	PART LOCATION	QTY.	RANK
Z905017000	MM86402001	AIR-3P-SET	AIR SYSTEM	1	o
Z074719600	MM86402002	AIR-FLTR-REG	AIR SYSTEM	1	o
Z902478350	MM86402003	MNFLD-A-ASSY	AIR SYSTEM	1	o
Z903648850	MM86402004	MNFLD-A-ASSY	AIR SYSTEM	1	o
Z066397960	MM86402005	JOINT(ELBOW)	AIR SYSTEM	4	o
Z080753600	MM86402006	CONTROL VALVE (A-INT)	AIR SYSTEM	1	o
Z074383900	MM86402007	AIR-REG	AIR SYSTEM	2	o
Z067339201	MM86402010	JOINT(ELBOW)	AIR SYSTEM	2	o
Z071974160	MM86402011	JOINT(ELBOW)	AIR SYSTEM	1	o
Z0671666A1	MM86402012	JOINT(ELBOW)	AIR SYSTEM	1	o
Z076128900	MM86402014	JOINT(NPL)	AIR SYSTEM	1	o
Z061146180	MM86402015	JOINT(PBY)	AIR SYSTEM	1	o
Z071057410	MM86520001	HOSE-ASSY	HYD PIPING	2	o
Z08-20976-00	MM86520003	HOSE-ASSY	HYD PIPING	2	o
Z071057240	MM86520004	HOSE-ASSY	HYD PIPING	2	o
Z068984310	MM86520005	HOSE-ASSY	HYD PIPING	2	o
Z08-19990-00	MM86520006	HOSE-ASSY	HYD PIPING	2	o
Z08-20031-00	MM86520007	HOSE-ASSY	HYD PIPING	1	o
Z08-20031-00	MM86520008	HOSE-ASSY	HYD PIPING	2	o
Z070256400	MM86520009	HOSE-ASSY	HYD PIPING	4	o
Z08-19999-00	MM86520010	HOSE-ASSY	HYD PIPING	2	o
Z08-19976-00	MM86520011	HOSE-ASSY	HYD PIPING	1	o
Z068983920	MM86520012	HOSE-ASSY	HYD PIPING	1	o
Z08-20078-00	MM86520013	HOSE-ASSY	HYD PIPING	1	o
Z077392200	MM86520014	HOSE-ASSY	HYD PIPING	1	o
ZK74020300	MM86520101	HOSE-ADPTR	HYD PIPING	8	o
ZK74020400	MM86520102	HOSE-ADPTR	HYD PIPING	2	o
ZK74020700	MM86520103	HOSE-ADPTR	HYD PIPING	6	o
ZK74020800	MM86520104	HOSE-ADPTR	HYD PIPING	3	o
ZK92011300	MM86520105	HOSE-ADPTR	HYD PIPING	2	o
ZK92011400	MM86520106	HOSE-ADPTR	HYD PIPING	4	o
ZK92038200	MM86520107	HOSE-ADPTR	HYD PIPING	3	o
Z062163050	MM86520108	HOSE-ADPTR	HYD PIPING	2	o
ZR50114400	MM86520109	PPG-BUSH	HYD PIPING	2	o
88719523	MM86520110	PPG-TEE	HYD PIPING	2	o
Z061179940	MM86520111	PPG-TEE	HYD PIPING	3	o
88719532	MM86520112	PPG-ELB(SV)	HYD PIPING	6	o
88719582	MM86520113	PPG-NPL	HYD PIPING	2	o
ZR50048200	MM86520114	PPG-NPL	HYD PIPING	3	o
ZK66550700	MM86520115	JOINT(ELBOW)	HYD PIPING	4	o
ZK66500600	MM86520116	JOINT(NPL)	HYD PIPING	4	o
Z060471210	MM86520117	PPG-PLUG	HYD PIPING	2	o
ZK92038300	MM86520118	PPG-SCKT	HYD PIPING	3	o
Z066240210	MM88322002	CSTR	COOLANT TANK	4	o
ZK75660300	MM88322004	GAUGE	COOLANT TANK	1	o
Z0615419A0	MM88322008	RUBBER(FT)	COOLANT TANK	2	o
ZK74020600	MM96010002	HOSE-ADPTR	LUB-SYS(G)	1	o
Z066137380	MS33200008	OIL SEAL	Z-AXIS DRIVE	1	⊙
Z066137460	MS33200009	NUT LOCKNUT	Z-AXIS DRIVE	1	⊙
Z073684400	MS52102004	BLT(V)	M/T PULLEY & BELT	1	⊙
Z903169750	MS52700004	BRAKE	C-AXIS	1	⊙

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Z063000800	MS52700008	JOINT(NPL)	C-AXIS	1	○
ZK92011300	MS52700009	HOSE-ADPTR	C-AXIS	1	○
Z066137380	MS53100005	OIL SEAL	X-AXIS DRIVE	2	◎
Z066137460	MS53100007	NUT LOCKNUT	X-AXIS DRIVE	1	◎
Z066944440	MS53100011	NUT LOCKNUT	X-AXIS DRIVE	1	◎
Z905630500		CTRL-PNL	OPE. BOX	1	○
Z905342800		PCB-ASSY	CONTROL BOX	3	○
Z905342900		PCB-ASSY	CONTROL BOX	4	○
Z905456801		PCB-ASSY	CONTROL BOX	2	○
Z905563900		PCB-ASSY	CONTROL BOX	2	○
Z076810500		POWER-SPPLY	CONTROL BOX	1	○
Z076810700		POWER-SPPLY	CONTROL BOX	1	○
AS10031050B		CABLE ASS'Y	LOADER CABLE	1	○
AS10032050B		CABLE ASS'Y	LOADER CABLE	1	○
AS10033050B		CABLE ASS'Y	LOADER CABLE	1	○
AS10034050B		CABLE ASS'Y	LOADER CABLE	1	○
AS10035050B		CABLE ASS'Y	LOADER CABLE	1	○
AS10036050B		CABLE ASS'Y	LOADER CABLE	1	○
AS10271050B		CABLE ASS'Y	LOADER CABLE	1	○
AS10272050B		CABLE ASS'Y	LOADER CABLE	1	○
AS10273053		CABLE ASS'Y	LOADER CABLE	1	○
AS10274051		CABLE ASS'Y	LOADER CABLE	1	○
AS10278150		CABLE ASS'Y	LOADER CABLE	1	○
T038701150	MS5H059710	CYLINDER	CHUCK & CYLINDER	1	△
Z063378970	MS5H059710	PROXIMATE SW	CHUCK & CYLINDER	2	○
Z0692324A0	TSLDAJ4210	SW(LMT)-P	SAFETY FENCE (OUT)	1	○
Z075990700	TSLDAJ4210	SW(LMT)	SAFETY FENCE (OUT)	1	○
Z070287460	TSLF059710	SW(LMT)-P	QUALITY CHECKSTA.COV	1	○
Z075990700	TSLF059710	SW(LMT)	QUALITY CHECKSTA.COV	1	○
Z070908670	TSSK001010	SW(PH)-P	QC STATION BASE	1	○
Z07-68196-00	TSSK001010	SW(PH)	QC STATION BASE	1	◎
Z070287460	TSSK003010	SW(LMT)-P	QC STATION COVER	1	○
Z075990700	TSSK003010	SW(LMT)	QC STATION COVER	1	○
Z065757041	TSST102010	CTRL(SPD)	SHUTTLE(L640)	2	○
Z066124300	TSST102010	BEARING(LN)	SHUTTLE(L641)	2	○
Z074425700	TSST102010	AIR-CYL	SHUTTLE(L642)	1	○
Z075424500	TSST102010	CBL-CHAIN	SHUTTLE(L643)	1	○
Z063560420	TSS405010	VALVE(BL)	SHUTTLE(AIR EXT)	2	○
Z065734420	TSSZ201C10	SLNCR	PNEUMATIC DIAGRAM	1	○
Z905713700	TSSZ201C10	MNFLD(AIR)	PNEUMATIC DIAGRAM	1	○

◎=Highly Recommend Customer to Stock

○=Suggest Customer to Stock

△=If Possible, Customer Should Stock