SQUARE SHOOTER

PARTS BOOK / SS-624

DATE 01-01-92

624(T)

MidWestTech | Terex SS-624 Square Shooter Telescopic Boom Lift Parts Manual | Publication 235737

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ITEM	NUMBER	DESCRIPTION	REQD
1	4-1190	MAIN FRAME WELDMENT	1
2	4-1186	BOOM ASSEMBLY	REF
3	4-1176	FORK FRAME / 48 WIDE	1
4	3-1028-10	FORK TINE / 48 LG.	2
5	3-1036-50	WHEEL ASSEMBLY (SEE P3-1114)	4
6	7-163-01	TIRE 13.00 x 24 (SEE P3-1114)	4
7	4-1178	CYLINDER / TILT	1
8	4-1179	CYLINDER / LIFT	2
9	4-1187	CYLINDER / BOOM	1
10	4-1044	CYLINDER / SWAY (SEE P4-1044)	2
11	7-223-01	SEAT	1
12	4-1196-1	SEAT SUPPORT	1
13	4-1196-2	SEAT MOUNT	1
14	7-274-01	SEAT BELT	1
15	7-122-03	STEERING WHEEL	1
16	7-122-02	STEERING COLUMN	1
17	7-122-04	HORN BUTTON KIT	1
18	7-122-05	NUT / STEERING WHEEL	1
19	7-122-01	STEERING ORBITRAL (SEE P1-1039)	REF
20	3-1151	PIN / HEAD LIFT CYLINDER	1
21	6-2420-10	COLLAR / HEAD LIFT CYLINDER	2
22	3-1054-2	PIN / BASE LIFT CYLINDER	2
23	6-3312-101	PIN / HEAD BOOM CYLINDER	1
24	2-1090-1	PIN / BASE BOOM CYLINDER	1
25	6-3316-65	PIN / HEAD TILT CYLINDER	1
26	6-3316-105	PIN / BASE TILT CYLINDER	1
27	6-3312-55	PIN / HEAD SWAY CYLINDER	2
28	6-3312-73	PIN / BASE SWAY CYLINDER	2
29	6-3316-168	PIN / FORK FRAME	1
30	2-1067-10	PIN / FORK TINE	1
31	1-1074	COLLAR / FORK TINE PIN	1
32	3-1065-1	SAFETY GLASS / ROOF	1
33	4-1124	FUEL TANK / BATTERY BOX	1
34	1-1095	PLYWOOD PAD / BATTERY BOX	1
35	1-1096	BATTERY HOLD DOWN	1
36	7-194-09	GROMMET / BATTERY BOX	2
37	7-264-01	FILLER CAP / FUEL	1
38	7-200-02	CONTROLLER / 4-WAY (SEE P1-1081)	REF
39	7-283-01	LEVEL GAGE	1
40	7-172-15	GASKET / FUEL SENDER	1
41	4-1198-1	REAR SIDE PANEL / RH	1
42	4-1198-2	REAR SIDE PANEL / LH	1
43	P4-1222	ENGINE ENCLOSURE ASSY	REF
44	7-292-05	HOSE REEL ASSY	REF
45	P1-2022	PARKING BRAKE ASSY	REF
46	P4-1214	AIR CLEANER ASSY	REF
47	P4-1213	EXHAUST ASSY	REF
48	P3-1172	TRANSMISSION CONTROL ASSY	REF
49	P3-1132	INSTRUMENT PANEL ASSY	REF
50	3-1154	PIN / CROSS SHAFT	1
51	6-6600-06	THRUSTWASHER 1/8 x 4 OD	4
52	6-6284-03	MACHINE SCREW #8-32 x 1 LG.	2
53	6-6286-11	STARWASHER / INTERNAL #8	2
54	6-6286-10	FLATWASHER #8	2

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ITEM	NUMBER	DESCRIPTION	REQD
55	6-6286-02	HEX NUT #8-32 SS	2
56	6-6284-07	MACHINE SCREW #10-32 x 1/2 LG.	5
57	6-5204-06	CAPSCREW 1/4 NC x 3/4 LG.	8
58	6-5204-08	CAPSCREW 1/4 NC x 1 LG.	4
59	6-6211-04	LOCKWASHER 1/4	4
60	6-6212-04	FLATWASHER 1/4	12
61	6-6201-04	HEX NUT 1/4 NC	12
62	6-5205-06	CAPSCREW 5/16 NC x 3/4 LG.	2
63	6-5205-08	CAPSCREW 5/16 NC x 1 LG.	2
64	6-5205-30	CAPSCREW 5/16 NC x 3 3/4 LG.	2
65	6-6211-05	LOCKWASHER 5/16	10
66	6-6201-05	HEX NUT 5/16 NC	10
67	6-5206-06	CAPSCREW 3/8 NC x 3/4 LG.	13
68	6-5206-08	CAPSCREW 3/8 NC x 1 LG.	6
69	6-5206-12	CAPSCREW 3/8 NC x 1 1/2 LG.	2
70	6-5206-22	CAPSCREW 3/8 NC x 2 3/4 LG.	5
71	6-5206-24	CAPSCREW 3/8 NC x 3 LG.	1
72	6-6211-06	LOCKWASHER 3/8	25
73	6-6212-06	FLATWASHER 3/8	26
74	6-6201-06	HEX NUT 3/8 NC	6
75	6-5207-08	CAPSCREW 7/16 NC x 1 LG.	2
76	6-6211-07	LOCKWASHER 7/16	2
77	6-6201-07	HEX NUT 7/16 NC	2
78	6-5208-30	CAPSCREW 1/2 NC x 3 3/4 LG.	4
79	6-5208-36	CAPSCREW 1/2 NC x 4 1/2 LG.	4
80	6-6211-08	LOCKWASHER 1/2	8
81	6-6201-08	HEX NUT 1/2 NC	8
82	6-5312-40	CAPSCREW 3/4 NF x 5 LG.	1
83	6-6211-12	LOCKWASHER 3/4	1
84	6-6202-12	HEX NUT 3/4 NF	1
85	6-6215-24	FLATWASHER 1 1/2	1
86	6-6206-24	SELF LOCKING NUT 1 1/2 NF	1

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ITEM	NUMBER	DESCRIPTION	REQD
1	5-1006	LARGE BOOM WELDMENT	1
2	4-1181	SMALL BOOM WELDMENT	1
3	4-1187	CYLINDER / BOOM	REF
4	4-1074-3	ROLLER / TOP-BOT-REAR-SMALL	4
5	4-1074-4	ROLLER / TOP-FRONT-LARGE	2
6	4-1074-5	ROLLER / BOTTOM-FRONT-LARGE	2
7	4-1073-1	PIN / TOP-BOT-REAR-SMALL	2
8	3-1152-1	PIN / TOP-FRONT-LARGE	1
9	3-1152-2	PIN / BOTTOM-FRONT-LARGE	1
10	2-1090-1	PIN / BASE BOOM CYLINDER	REF
11	6-3312-101	PIN / HEAD BOOM CYLINDER	REF
12	6-3316-105	PIN / BASE TILT CYLINDER	REF
13	3-1151	PIN / HEAD LIFT CYLINDER	REF
14	3-1154	PIN / CROSS SHAFT	REF
15	6-6600-04	THRUST WASHER 3/16 x 3 1/2 OD	4
16	7-193-05	NEEDLE BEARING / 1 1/2 ID	6
17	7-193-07	NEEDLE BEARING / 2 ID	4
18	6-6600-06	THRUST WASHER 1/8 x 4 OD	REF
19	6-6600-03	THRUST WASHER 3/16 x 3 OD	2
20	6-6600-02	THRUST WASHER 3/16 x 3 OD	2
21	7-305-01	FLANGE BUSHING	2
22	7-239-05	RETAINING RING	2
23	3-1164-1	PIN / BOOM CYLINDER ROLLER	1
24	3-1164-2	ROLLER / BOOM CYLINDER	1
25	3-1164-3	MOUNT / BOOM ROLLER	2
26	3-1155	COVER / REAR ACCESS	1
27	3-1169	GUARD / TILT VALVE	1
28	6-9610-60	PLASTIC PIPE 1 1/2 ID	1
29	6-2420-10	COLLAR / HEAD LIFT CYLINDER	REF
30	4-1178	CYLINDER / TILT	REF
31	1-2028	SPACER / TILT VALVE GUARD	4
32	2-1106	HOSE SUPPORT	1
33	6-4516-24	BRONZE BUSHING	REF
34	1-2024-1	BOOM SHIM / INTERNAL	2
35	7-292-05	HOSE REEL ASSEMBLY	REF
36	6-6301	LUBE FITTING 1/8 NPT STR	6
37	6-6303	LUBE FITTING 1/8 NPT x 45	2
38	6-5206-06	CAPSCREW 3/8 NC x 3/4 LG.	2
39	6-5206-10	CAPSCREW 3/8 NC x 1 1/4 LG.	4
40	6-5206-14	CAPSCREW 3/8 NC x 1 3/4 LG.	4
41	6-5206-16	CAPSCREW 3/8 NC x 2 LG.	2
42	6-5206-22	CAPSCREW 3/8 NC x 2 3/4 LG.	REF
43	6-5206-24	CAPSCREW 3/8 NC x 3 LG.	4
44	6-6211-06	LOCKWASHER 3/8	16
45	6-6212-06	FLATWASHER 3/8	6
46	6-6201-06	HEX NUT 3/8 NC	10
47	6-5208-38	CAPSCREW 1/2 NC x 3 3/4 LG.	REF
48	6-5208-36	CAPSCREW 1/2 NC x 4 1/2 LG.	REF
49	6-5208-40	CAPSCREW 1/2 NC x 5 LG.	REF
50	6-6211-08	LOCKWASHER 1/2	REF
51	6-6201-08	HEX NUT 1/2 NC	REF
52	6-6275-05	SETSCREW 5/8 NC x 1 LG.	1
53	6-5312-40	CAPSCREW 3/4 NF x 5 LG.	REF
54	6-6211-12	LOCKWASHER 3/4	REF

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ITEM	NUMBER	DESCRIPTION	REQD
1	4-1192	OIL RESERVOIR WELDMENT	REF
2	7-257-01	PUMP ASSEMBLY (SEE P4-1123)	1
3	7-253-02	BREATHER	REF
4	7-151-02	STRAINER / SUCTION	1
5	7-256-23	FILTER / RETURN	1
6	7-256-03	GAGE / RETURN FILTER	1
7	7-256-05	ELEMENT / RETURN FILTER	REF
8	7-256-16	FILTER / PRESSURE (SEE P2-1089)	1
9	7-256-04	ELEMENT / PRESSURE FILTER	REF
10	7-200-02	CONTROLLER / 4-WAY (SEE P1-1081)	1
11	7-200-01	VALVE / 3 SECTION (SEE P4-1163)	1
12	4-1187	CYLINDER / BOOM	REF
13	4-1179	CYLINDER / LIFT	REF
14	4-1178	CYLINDER / TILT	REF
15	4-1044	CYLINDER / SWAY (SEE P4-1044)	REF
16	4-1171	CYLINDER / ROTATE	REF
17	7-229-215	CYLINDER / STEERING / LHF-RHR	REF
18	7-229-214	CYLINDER / STEERING / RHF-LHR	REF
19	7-234-03	VALVE / MOTION / BOOM	1
20	7-234-04	VALVE / DUAL CHECK (SEE P3-1100)	1
21	7-234-01	VALVE / MOTION / HEAD TILT	1
22	7-234-02	VALVE / MOTION / BASE TILT	1
23	7-244-36	VALVE / ELECTRIC 4-WAY	2
24	7-234-50	VALVE / MOTION RELIEF	1
25	7-217-01	STEERING SELECTOR	1
26	7-234-49	CONTROL BLOCK	1
27	7-234-13	CARTRIDGE / REDUCING-RELIEVING	REF
28	7-234-16	CARTRIDGE / CHECK	REF
29	7-234-37	CARTRIDGE / NEEDLE	REF
30	7-234-15	CARTRIDGE / REDUCING	REF
31	7-256-25	ACCUMULATOR	1
32	7-198-01	BRAKE ACTUATOR (SEE P1-1069)	REF
33	7-244-31	VALVE / ELECTRIC 4-WAY / SWAY	1
34	7-234-04	VALVE / DUAL CHECK (SEE P3-1100)	2
35	7-198-37	BRAKE TWIST LOCK	1
36	7-244-31	VALVE / ELECTRIC 4-WAY / ROTATE	REF
37	7-234-35	VALVE / DUAL CHECK (SEE P3-1141)	REF
38	7-122-01	STEERING ORBITRAL	1
39	7-292-05	HOSE REEL ASSY / RH / TILT	1
40	7-244-13	SOLENOID VALVE / N.O./ PUMP	1
41	7-292-06	HOSE REEL ASSY / LH / ROTATE	REF
42	7-234-54	VALVE / MOTION / LIFT	2
43	1-1092	RESTRICTOR FITTING	REF
44	1-1093-2	RESTRICTOR PLUG (.060)	REF
45	1-2021	RESTRICTOR FITTING	REF

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ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-04	VALVE / DUAL CHECK (SEE P3-1100)	REF
2	6-6453-04	FITTING / 06 OR x 04 JIC 90	2
3	6-6452-19	FITTING / 06 OR x 04 JIC 45	2
4	6-6454-06	FITTING / 08 OR x 08 JIC BR-TEE	2
5	6-6450-06	FITTING / 08 OR x 04 JIC STR	2
6	6-6453-09	FITTING / 08 OR x 08 JIC 90	2
7	4-1044	CYLINDER / SWAY (SEE P4-1044)	REF
8	6-7002-56	HOSE / 04 x 04 x 28 LG.	4
9	6-7004-36	HOSE / 08 x 08 x 18 LG.	2
10	6-7033-296	HOSE / 06 x 08-90 x 148 LG.	2
11	1-1092	RESTRICTOR FITTING	2
12	1-1093-2	RESTRICTOR PLUG (.060)	2
13	6-7003-36	HOSE / 06 x 06 x 18 LG.	2
14	6-6211-05	LOCKWASHER 5/16	4
15	6-5205-14	CAPSCREW 5/16 NC x 1 3/4 LG.	4
16	6-6450-08	FITTING / 06 OR x 06 JIC STR	6
17	7-244-31	VALVE / ELECTRIC	REF
18	7-234-49	CONTROL BLOCK	REF
19	6-5204-04	CAPSCREW 1/4 NC x 1/2 LG.	4
20	6-6211-04	LOCKWASHER 1/4	4
21	6-5205-20	CAPSCREW 5/16 NC x 2 1/2 LG.	3
22	6-6211-05	LOCKWASHER 5/16	3

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