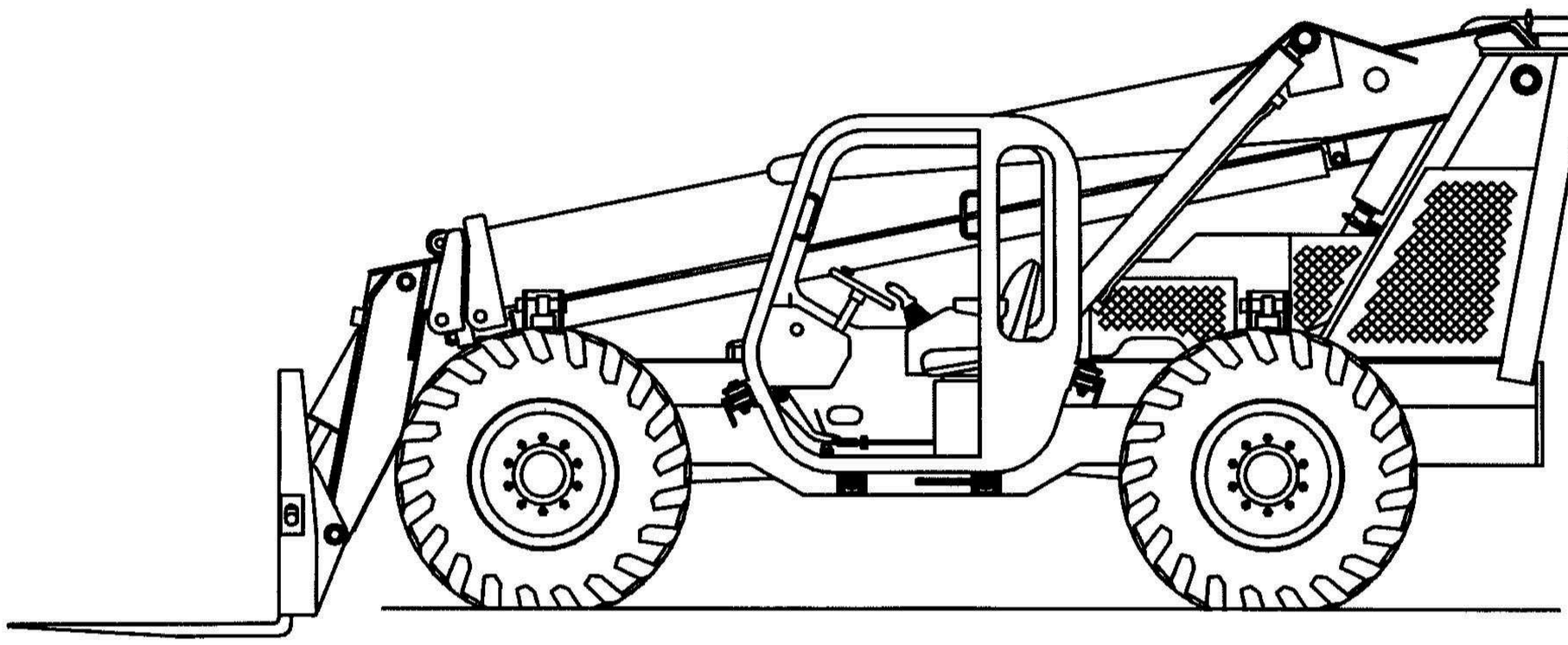
SQUARE SHOOTER
PARTS BOOK
SS-644C



DATE: 2-4-00

JOHN DEERE POWERTECH 4045T TURBO ENGINE
OR OPTIONAL
CUMMINS 4B3.9-C-100 TURBO ENGINE
DANA 212 AXLES
CLARK T12000 TRANSMISSION
REMOTE MOUNTED CAB
REXROTH HYDRAULIC PUMP
DAVID BROWN SECTIONAL MAIN VALVE
DAVID BROWN 4-WAY CONTROLLER

Serial Number:_____

TEREX HANDLERS
455 N. Superior Ave., Baraga, MI 49908-0248
PH: (906) 353-6675; FAX: (906) 353-7543
INTERNET: http://www.sqshooter.com

MidWestTech | Terex SS-644C Square Shooter Cummins 4B3.9-C100, T12000, Dana 212, Remote Telehandler Parts Manual | Publication 234886
Order the manual at mid-west-tech.com >

INDEX / STANDARD EQUIPMENT
SS-644C

PAGE	DESCRIPTION	DRAWING
1	SEAL KITS / SS-644C	P1-1243
2	LUBE CHART	P4-2008
3	FILTER GUIDE	P1-1240
4	DECALS	P1-1227
5	GENERAL ASSEMBLY	P4-2066
6	OPERATOR'S COMPARTMENT ASSEMBLY	P4-1948
7	POWER TRAIN ASSY / JD-4045T	P4-2067
8	ENGINE & PUMP ASSY / JD-4045T	P4-2068
9	BOOM ASSEMBLY	P4-1951
10	FOOT BRAKE ASSEMBLY	P4-1986
11	ACCELERATOR ASSY / JD-4045T	P4-2069
12	ACCELERATOR ASSEMBLY / PEDAL END	P4-1842
13	ENGINE ENCLOSURE ASSEMBLY / JD-4045T	P4-2070
14	EXHAUST ASSEMBLY / JD-4045T	P4-1795
15	AIR CLEANER ASSEMBLY / JD-4045T	P4-2072
16	DRIVESHAFT ASSEMBLY / FRONT	P1-1228
17	DRIVESHAFT ASSEMBLY / REAR	P1-1229
18	TIRE & WHEEL ASSEMBLY	P3-1397
19	ELECTRIC SCHEMATIC	P4-1953
20	WIRING DIAGRAM	P4-2124
21	INSTRUMENT PANEL ASSEMBLY	P4-1934
22	HYDRAULIC SCHEMATIC	P4-1955
23	CIRCUIT / PUMP / OIL RESERVOIR	P4-1956
24	CIRCUIT / LIFT-TILT	P4-1957
25	CIRCUIT / BOOM	P4-1958
26	CIRCUIT / 4-WAY CONTROLLER	P4-1959
27	CIRCUIT / STEERING	P4-1960
28	CIRCUIT / SWAY	P4-1961
29	CIRCUIT / REAR LOCK-UP	P4-1999
30	CIRCUIT / PARKING BRAKE	P4-1962
31	CIRCUIT / PRESSURE CHECKS	P4-1963
32	CIRCUIT / BRAKE	P4-1992
33	CIRCUIT / OIL COOLER / JD-4045T	P4-2073
34	CIRCUIT / FUEL / JD-4045T	P4-2074
35	FUEL TANK ASSEMBLY	P4-1967
36	STARTER RELAY / SENDER ASSY / JD-4045T	P4-2075
37	BATTERY BOX ASSEMBLY	P4-1969
38	LIFT CYLINDER / 7-316-240	P4-2043
39	TILT CYLINDER / 7-316-238	P4-2044
40	BOOM CYLINDER / 7-316-211	P4-2017
41	SWAY-REAR LOCK-UP CYLINDER / 7-379-02	P4-2019
42	MOTION VALVE / BASE TILT CYLINDER	P3-1098
43	MOTION VALVE / HEAD TILT CYLINDER	P3-1097

MidWestTech | Terex SS-644C Square Shooter Cummins 4B3.9-C100, T12000, Dana 212... Order the manual at mid-west-tech.com >

INDEX / STANDARD EQUIPMENT
SS-644C

PAGE	DESCRIPTION	DRAWING
44	MOTION VALVE / BOOM CYLINDER	P3-1096
45	MOTION VALVE / BASE LIFT CYLINDER	P3-1209
46	DUAL PILOT CHECK VALVE / 7-234-04	P3-1100
47	ORBITRAL ASSEMBLY / 7-256-71	P1-1290
48	SELECTOR VALVE / STEERING / 7-359-02	P4-2009
49	RETURN FILTER ASSEMBLY / 7-256-23	P1-1060
50	BRAKE VALVE ASSEMBLY / 7-198-43	P1-1242
51	CONTROL BLOCK ASSEMBLY	P4-1971
52	4-WAY CONTROLLER ASSEMBLY / 7-358-03	P1-1280
53	MAIN VALVE ASSEMBLY / 7-358-10	P4-2108
54	HYDRAULIC PUMP ASSEMBLY / 7-345-113	P4-2059
55	ELECTRIC VALVE / 4-WAY / 7-244-36	P3-1179
56	ELECTRIC VALVE / 4-WAY / 7-244-31	P3-1140

INDEX / OPTIONAL EQUIPMENT
SS-644C

60	FULLY ENCLOSED CAB ASSEMBLY	P4-2060
61	FORK FRAME ROTATE ASSEMBLY	P4-1556
62	ROTATE CYLINDER ASSEMBLY	P4-2020
63	DUAL PILOT CHECK VALVE	P3-1141
64	CIRCUIT / FORK ROTATE	P4-2057
65	HOSE ROLLER ASSEMBLY	P3-1223
	CUMMINS 4B3.9-C-100 TURBO ENGINE OPTIONS	
66	ENGINE & PUMP ASSY / CUMMINS B3.9-C	P4-1950
67	ACCELERATOR ASSY / CUMMINS B3.9-C	P4-1789
68	ENGINE ENCLOSURE ASSY / CUMMINS B3.9-C	P4-1952
69	EXHAUST ASSY / CUMMINS B3.9-C	P4-1799
70	AIR CLEANER ASSY / CUMMINS B3.9-C	P4-2002
71	CIRCUIT / OIL COOLER / CUMMINS B3.9-C	P4-1965
72	CIRCUIT / FUEL / CUMMINS B3.9-C	P4-1966
73	STARTER RELAY / SENDER ASSY / CUMMINS B3.9-C	P4-1968

MidWestTech | Terex SS-644C Square Shooter Cummins 4B3.9-C100, T12000, Dana 212... Order the manual at mid-west-tech.com >

MANUFACTURER PART NUMBER	NUMBER	DESCRIPTION	SEAL KIT
CXDA-XAN	7-234-16	CARTRIDGE / CHECK	7-234-31
CKCD-XCN	7-234-18	CARTRIDGE / PILOT CHECK	7-234-29
CBCA-LHN	7-234-19	CARTRIDGE / COUNTERBALANCE	7-234-29
CBEA-LHN	7-234-22	CARTRIDGE / COUNTERBALANCE	7-234-30
CAEA-LHN	7-234-53	CARTRIDGE / COUNTERBALANCE	7-234-30
CKCB-XCN	7-234-62	CARTRIDGE / PILOT CHECK	7-234-29
PPDB-LQN	7-234-64	CARTRIDGE / REDUCING RELIEVING	7-234-29
CSAD-XXN	7-234-79	CARTRIDGE / SHUTTLE	7-234-29
CXDA-XCN	7-234-80	CARTRIDGE / CHECK	7-234-31
PTS1-6872	7-304-07	CARTRIDGE / MODULAR CONTROL	7-304-08
DSV2-080-3B-N-D1	7-367-03	CARTRIDGE / NORMALLY OPEN	7-367-08
DSV2-080-2NOS-N-D1	7-367-06	CARTRIDGE / NORMALLY OPEN	7-367-08
	7-379-02	CYLINDER / SWAY / P4-2019	7-900-85
	7-316-240	CYLINDER / LIFT / P4-2043	7-900-21
	7-316-238	CYLINDER / TILT / P4-2044	7-900-22
	7-316-211	CYLINDER / BOOM / P4-2017	7-900-23
	7-379-01	CYLINDER / ROTATE / P4-2020	7-900-86
	7-229-619	CYLINDER / STEERING	7-900-88
	7-198-43	BRAKE ACTUATOR	7-198-40
	7-256-71	ORBITRAL / STEERING	7-256-35

MidWestTech | Terex SS-644C Square Shooter Cummins 4B3.9-C100, T12000, Dana 212... Order the manual at mid-west-tech.com >

ITEM	NUMBER	DESCRIPTION	REQD
51	2-1090	PIN / BASE BOOM CYLINDER	REF
52	6-5312-12	CAPSCREW 3/4 NF x 1 1/2 LG.	2
53	6-6243-06	COTTER PIN 3/32 x 3/4 LG.	8
54	7-142-01	SELF-LOCKING NUT 1-12 THD.	1
55	7-194-01	SPRING / COMPRESSION	1
56	6-6215-16	FLATWASHER 1.0	1
57	6-6212-06	FLATWASHER 3/8	6
58	6-6211-08	LOCKWASHER 1/2	10
59	6-5312-48	CAPSCREW 3/4 NF x 6 LG.	1
60	6-4524-32	BRONZE BUSHING / LARGE BOOM	REF
61	6-5206-20	CAPSCREW 3/8 NC x 2 1/2 LG.	2
62	6-6701-06	WASHER	1
63	6-6201-08	HEX NUT 1/2 NC	2
64	1-1101-3	SHIM / 3/16	4
65	2-1109	CLAMP / 1/2 HOSE	1
66	6-5206-18	CAPSCREW 3/8 NC x 2 1/4 LG.	2
67	3-1244-2	SPACER / MANIFOLD BLOCK	1
68	4-1074-3B	ROLLER / S-BOOM / REAR-BOT	2
69	4-1073-1	PIN / S-BOOM / REAR-BOT	1
70	6-6600-03	THRUST WASHER 3.00 x 2.00 x .188	2
71	7-193-07	NEEDLE BEARING / 2.000 ID	REF
72	6-6275-05	SETSCREW 5/8 NC x 1 LG.	1
73	6-5206-22	CAPSCREW 3/8 NC x 2 3/4 LG.	1
74	6-5206-28	CAPSCREW 3/8 NC x 3 1/2 LG.	1
75	6-6301	LUBE FITTING 1/8 NPT STR	4
76	6-6306	LUBE FITTING 1/4-28 STR	8
77	6-6275-07	SETSCREW 5/8 NC x 5/8 LG.	1
78	6-6600-06	THRUST WASHER 4.00 x 2.00 x .125	4
79	6-9600-105	EDGING 1/2 x 13 1/8 LG.	1
80	3-1404	SWITCH ACTIVATOR	1
81	6-6275-04	SETSCREW / 3/8 NC x 3/4 LG.	3

MidWestTech | Terex SS-644C Square Shooter Cummins 4B3.9-C100, T12000, Dana 212... Order the manual at mid-west-tech.com >

ITEM	NUMBER	DESCRIPTION	REQD
50	7-234-64	CARTRIDGE / REDUCING-RELIEVING	REF
51	7-234-62	CARTRIDGE / PILOT CHECK	REF
52	7-304-07	CARTRIDGE / MODULAR CONTROL	REF
53	7-367-02	VALVE / REAR LOCKUP	1
54	7-321-78	CARTRIDGE / CHECK	REF
55	7-303-03	PRESSURE SWITCH / CLUTCH CUT-OFF	REF
56	7-234-80	CARTRIDGE / CHECK	REF
57	7-367-03	CARTRIDGE / NORMALLY OPEN	REF

MidWestTech | Terex SS-644C Square Shooter Cummins 4B3.9-C100, T12000, Dana 212... Order the manual at mid-west-tech.com >

ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-394	TRANSMISSION CASE	1
2	7-126-05	BREATHER	1
3	7-126-395	PLUG (INCLUDES ITEM 4)	2
4	7-126-358	O-RING	2
5	7-126-33	PLUG / MAGNETIC DRAIN	1
6	7-126-396	PIN	2
7	7-126-357	GASKET	1
8	7-126-359	RING	1
9	7-126-397	CLIP	1
10	7-126-398	SPACER	1
11	7-126-399	SEAT	1
12	7-126-400	SNAP RING	1
13	7-126-401	POPPET	1
14	7-126-402	SPRING	1
15	7-126-403	WASHER	1
16	7-126-387	PLUG	1
17	7-126-385	PLUG (INCLUDES ITEM 18)	3
18	7-126-386	O-RING	3
19	7-126-387	SCREW	7
20	7-126-388	SCREW	2
21	7-126-391	LOCKWASHER	9
22	7-126-392	TUBE AND SCREEN ASSEMBLY	1
23	7-126-265	FILLER PLUG	1
24	7-126-387	PLUG	1
25	7-126-04	PLUG	1
26	7-126-393	PLUG	1
27	7-126-270	DIPSTICK TUBE	1
28	7-126-394	DIPSTICK ASSEMBLY	1
29	7-126-404	PLUG	2
30	7-126-356	O-RING	2
31	7-126-405	SCREW	2
32	7-126-406	SCREW	1
33	7-126-407	WASHER	1
34	7-126-408	SCREW	1
35	7-126-407	WASHER	1
36	7-126-409	WASHER	1
37	7-126-410	NUT	1

MidWestTech | Terex SS-644C Square Shooter Cummins 4B3.9-C100, T12000, Dana 212... Order the manual at mid-west-tech.com >