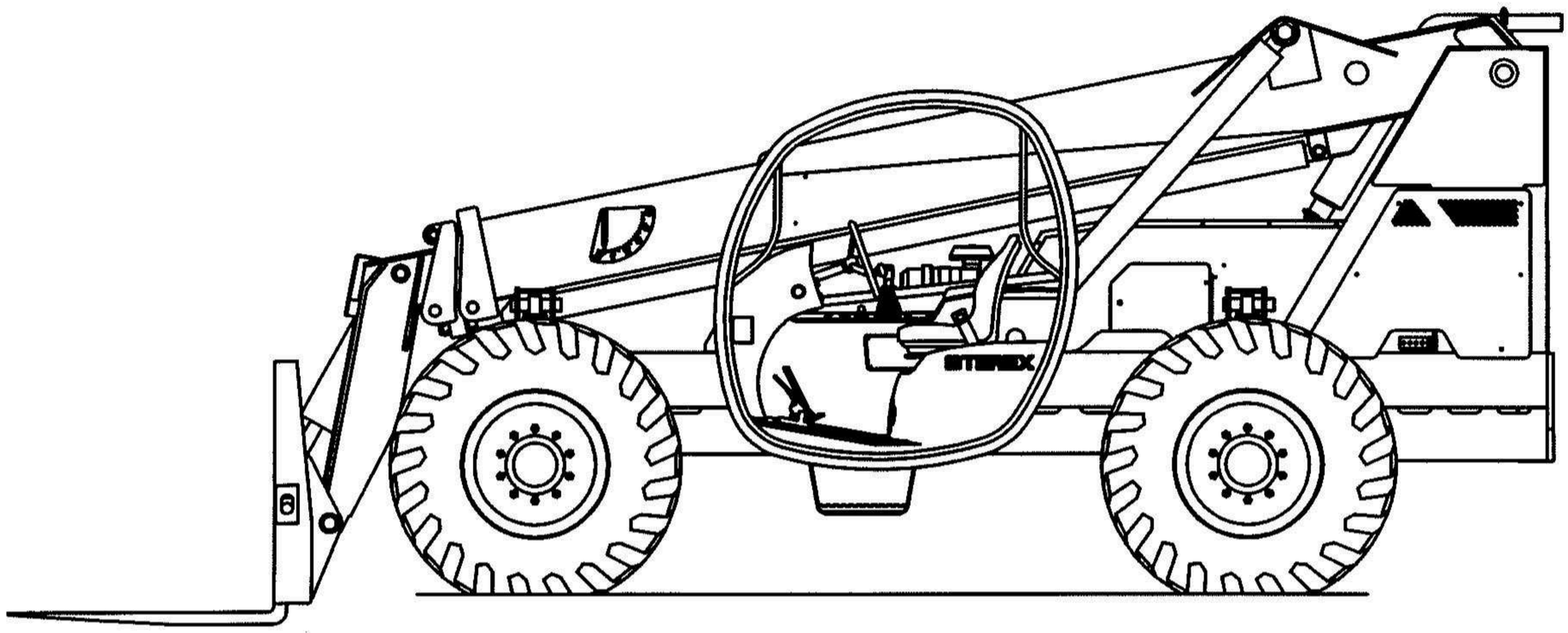
PARTS BOOK
TH644C



04-27-04

JOHN DEERE TIER II 4045 TURBO ENGINE

DANA 212 AXLES

CLARK T12000 TRANSMISSION

REMOTE MOUNTED SAF-T-CAB III

REXROTH HYDRAULIC PUMP

VOAC MAIN VALVE

VOAC 4-WAY CONTROLLER

Serial Number:_____

TEREX HANDLERS
455 N. Superior Ave., Baraga, MI 49908-0790
PH: (906) 353-6675; FAX: (906) 353-7543
INTERNET: http://www.terex.com

MidWestTech | Terex TH644C, Deere 4045T Tier II, T12000, Dana 212 Telehandler Parts Manual | Publication 234905
Order the manual at mid-west-tech.com >

INDEX / STANDARD EQUIPMENT
TH644C

PAGE	DESCRIPTION	DRAWING
1	SEAL KITS / TH644C	P1-1957
2	LUBE CHART	P1-1927
3	FILTER GUIDE	P1-1901
4	DECALS	P1-1967
5	GENERAL ASSEMBLY	P1-1968
6	OPERATOR'S COMPARTMENT ASSEMBLY	P1-1969
7	POWER TRAIN ASSY / JD-4045 TIER II	P1-1931
8	ENGINE & PUMP ASSY / JD-4045 TIER II	P1-1911
9	BOOM ASSEMBLY	P1-1961
10	FOOT BRAKE ASSEMBLY	P1-1933
11	ACCELERATOR ASSY / JD-4045 TIER II	P1-1978
12	ACCELERATOR ASSEMBLY / PEDAL END	P1-1979
13	ENGINE ENCLOSURE ASSEMBLY / JD-4045 TIER II	P1-1934
14	EXHAUST ASSEMBLY / JD-4045 TIER II	P1-1935
15	AIR CLEANER ASSEMBLY / JD-4045 TIER II	P1-1936
16	DRIVESHAFT ASSEMBLY / FRONT	P1-1552
17	DRIVESHAFT ASSEMBLY / REAR	P1-1553
18	TIRE & WHEEL ASSEMBLY	P1-1667
19	ELECTRIC SCHEMATIC	P1-1937
20	WIRING DIAGRAM	P1-1970
21	INSTRUMENT PANEL ASSEMBLY	P1-1939
22	HYDRAULIC SCHEMATIC	P1-1971
23	CIRCUIT / PUMP / OIL RESERVOIR	P1-1941
24	CIRCUIT / LIFT-TILT	P1-1973
25	CIRCUIT / BOOM	P1-1963
26	CIRCUIT / 4-WAY CONTROLLER	P1-1942
27	CIRCUIT / STEERING	P1-1943
28	CIRCUIT / SWAY	P1-1944
29	CIRCUIT / REAR LOCK-UP	P1-1945
30	CIRCUIT / PARKING BRAKE	P1-1972
31	CIRCUIT / PRESSURE CHECKS	P4-1963
32	CIRCUIT / BRAKE	P1-1974
33	CIRCUIT / OIL COOLER / JD-4045 TIER II	P1-1952
34	CIRCUIT / FUEL / JD-4045 TIER II	P4-2074
35	FUEL TANK ASSEMBLY	P1-1949
36	STARTER RELAY / SENDER ASSY / JD-4045 TIER II	P4-2075
37	BATTERY BOX ASSEMBLY	P1-1947
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 / 7-182-01	P1-1924
42	MOTION VALVE / BASE TILT CYLINDER	P3-1098
43	MOTION VALVE / HEAD TILT CYLINDER	P3-1097

MidWestTech | Terex TH644C, Deere 4045T Tier II, T12000, Dana 212 Telehandler Parts M... Order the manual at mid-west-tech.com >

INDEX / STANDARD EQUIPMENT
TH644C

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 / 7-147-48	P1-1977
48	SELECTOR VALVE / STEERING / 7-359-02	P4-2009
49	RETURN FILTER ASSEMBLY / 7-118-01	P1-1513
50	CONTROL BLOCK ASSEMBLY / 7-234-94	P1-1451
51	4-WAY CONTROLLER ASSEMBLY / 7-200-139	P1-1875
52	MAIN VALVE ASSEMBLY / 7-200-80	P4-1425
53	HYDRAULIC PUMP ASSEMBLY / 7-345-113	P4-2059
54	ELECTRIC VALVE / 4-WAY / 7-367-09	P1-1447
55	ELECTRIC VALVE / 4-WAY / 7-244-31	P3-1140
56	VALVE / BOOM ACTIVATED REAR-LOCK / 7-367-13	P1-1456
57	VALVE / PARKING BRAKE & DIFF. LOCK / 7-367-02	P1-1460

INDEX / OPTIONAL EQUIPMENT
TH644C

58	FULLY ENCLOSED CAB ASSEMBLY	P1-1975
59	FORK FRAME ROTATE ASSEMBLY	P4-1556
60	ROTATE CYLINDER ASSEMBLY	P4-2020
61	DUAL PILOT CHECK VALVE	P3-1141
62	CIRCUIT / FORK ROTATE	P1-1558
63	HOSE ROLLER ASSEMBLY	P1-1568

MidWestTech | Terex TH644C, Deere 4045T Tier II, T12000, Dana 212 Telehandler Parts M... Order the manual at mid-west-tech.com >

MANUFACTURER PART NUMBER	NUMBER	DESCRIPTION	SEAL KIT
PPDB-LNN	7-234-13	CARTRIDGE / REDUCING RELIEVING	7-234-29
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
PPDB-LAN	7-234-28	CARTRIDGE / REDUCING RELIEVING	7-234-29
NFCC-LDN	7-234-37	CARTRIDGE / NEEDLE	7-234-31
CAEA-LHN	7-234-53	CARTRIDGE / COUNTERBALANCE	7-234-30
CXDA-XCN	7-234-80	CARTRIDGE / CHECK	7-234-31
POC1-10-F-0-030	7-321-88	CARTRIDGE / PILOT CHECK	7-321-92
PRV2-10-S-0-20	7-321-89	CARTRIDGE / REDUCING RELIEVING	7-321-91
DSV2-8-B-0	7-321-90	CARTRIDGE / SHUTTLE	7-321-93
PTS1-6872	7-304-07	CARTRIDGE / MODULAR CONTROL	7-304-08
DSV2-080-3B-N	7-367-03	CARTRIDGE / NORMALLY OPEN	7-367-18
DSV2-080-3-N	7-367-14	CARTRIDGE / NORMALLY CLOSED	7-367-18
DSV2-080-4C0-N	7-367-10	CARTRIDGE / 4-WAY	7-367-19
	7-182-01	CYLINDER / SWAY-REAR LOCK / P1-1924	7-900-180
	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
	7-147-48	ORBITRAL / STEERING	7-147-56

MidWestTech | Terex TH644C, Deere 4045T Tier II, T12000, Dana 212 Telehandler Parts M... Order the manual at mid-west-tech.com >

ITEM	NUMBER	DESCRIPTION	REQD
50	7-321-89	CARTRIDGE / REDUCING-RELIEVING	REF
51	7-321-88	CARTRIDGE / PILOT CHECK	REF
52	7-304-07	CARTRIDGE / MODULAR CONTROL	REF
53	7-367-13	VALVE / REAR LOCKUP	1
54	7-234-80	CARTRIDGE / CHECK	REF
55	7-303-03	PRESSURE SWITCH / CLUTCH CUT-OFF	REF
56	7-234-80	CARTRIDGE / CHECK	REF
57	7-367-14	CARTRIDGE / NORMALLY OPEN	REF
58	7-303-04	PRESSURE SWITCH / SERVICE BRAKE	REF

MidWestTech | Terex TH644C, Deere 4045T Tier II, T12000, Dana 212 Telehandler Parts M... Order the manual at mid-west-tech.com >

ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-384	CONVERTER HOUSING	1
2	7-126-385	PLUG (INCLUDES ITEM 3)	4
3	7-126-386	O-RING	4
4	7-126-387	PLUG	1
5	7-126-385	PLUG (INCLUDES ITEM 6)	1
6	7-126-386	O-RING	1
7	7-126-04	PLUG	1
8	7-126-388	SCREW	6
9	7-126-389	SCREW	3
10	7-126-390	SCREW	1
11	7-126-391	LOCKWASHER	10
12	7-126-389	SCREW	13
13	7-126-391	LOCKWASHER	13
14	7-126-393	GASKET	1
15	7-126-392	PLUG	1

MidWestTech | Terex TH644C, Deere 4045T Tier II, T12000, Dana 212 Telehandler Parts M... Order the manual at mid-west-tech.com >

ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-434	PUMP DRIVE IDLER GEAR	1
2	7-126-435	BEARING	1
3	7-126-436	PUMP DRIVE GEAR	1
4	7-126-437	PUMP DRIVE IDLER THRUST WASHER	2
5	7-126-438	PUMP DRIVE SHAFT & PIN ASSY (INCL. ITEM 6)	1
6	7-126-439	ROLL PIN	1
7	7-126-440	PUMP DRIVE GEAR BEARING	1
8	7-126-441	PUMP DRIVE GEAR BEARING	1

MidWestTech | Terex TH644C, Deere 4045T Tier II, T12000, Dana 212 Telehandler Parts M... Order the manual at mid-west-tech.com >