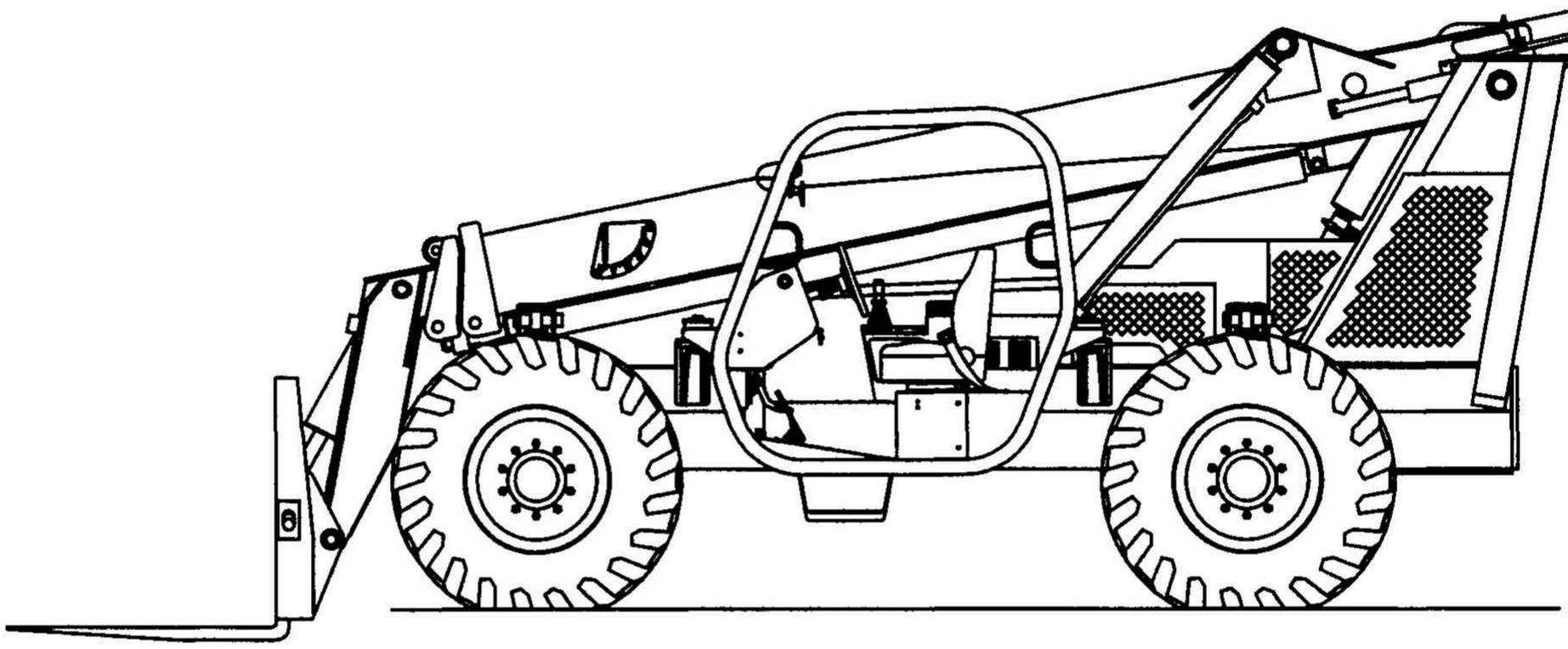
PARTS BOOK
TH842C



DATE: 2-28-03

JOHN DEERE POWERTECH 4045T TURBO ENGINE
OR OPTIONAL
CUMMINS 4B3.9-C-100 TURBO ENGINE
DANA 212 AXLES
CLARK T12000 TRANSMISSION
REMOTE MOUNTED PATZ II CAB
REXROTH HYDRAULIC PUMP
DAVID BROWN 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.terexlift.com

MidWestTech | Terex TH842C, Deere 4045T, Cummins 4B3.9-C-100, T12000, Dana 212 Telehandler Parts Manual | Publication 236107
Order the manual at mid-west-tech.com >

INDEX / STANDARD EQUIPMENT
TH842C

PAGE	DESCRIPTION	DRAWING
1	SEAL KITS / TH842C	P1-1547
2	LUBE CHART	P1-1548
3	FILTER GUIDE	P1-1549
4	DECALS	P1-1767
5	GENERAL ASSEMBLY	P1-1735
6	OPERATOR'S COMPARTMENT ASSEMBLY	P1-1687
7	POWER TRAIN ASSY / JD-4045T	P1-1551
8	ENGINE & PUMP ASSY / JD-4045T	P4-2068
9	BOOM ASSEMBLY	P1-1372
10	FOOT BRAKE ASSEMBLY	P1-1533
11	ACCELERATOR ASSY / JD-4045T	P4-2069
12	ACCELERATOR ASSEMBLY / PEDAL END	P1-1683
13	ENGINE ENCLOSURE ASSEMBLY / JD-4045T	P4-2202
14	EXHAUST ASSEMBLY / JD-4045T	P4-1795
15	AIR CLEANER ASSEMBLY / JD-4045T	P4-2237
16	DRIVESHAFT ASSEMBLY / FRONT	P1-1552
17	DRIVESHAFT ASSEMBLY / REAR	P1-1553
18	TIRE & WHEEL ASSEMBLY	P1-1667
19	ELECTRIC SCHEMATIC	P1-1537
20	WIRING DIAGRAM	P1-1538
21	INSTRUMENT PANEL ASSEMBLY	P1-1688
22	HYDRAULIC SCHEMATIC	P1-1540
23	CIRCUIT / PUMP / OIL RESERVOIR	P1-1541
24	CIRCUIT / LIFT-TILT	P4-2176
25	CIRCUIT / BOOM	P4-2177
26	CIRCUIT / 4-WAY CONTROLLER	P1-1542
27	CIRCUIT / STEERING	P1-1543
28	CIRCUIT / SWAY	P1-1544
29	CIRCUIT / REAR LOCK-UP	P1-1545
30	CIRCUIT / PARKING BRAKE	P4-1962
31	CIRCUIT / PRESSURE CHECKS	P4-1963
32	CIRCUIT / BRAKE - DIFFERENTIAL LOCK	P1-1546
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 / 7-316-239	P4-2045
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 TH842C, Deere 4045T, Cummins 4B3.9-C-100, T12000, Dana 212 Te... Order the manual at mid-west-tech.com >

INDEX / STANDARD EQUIPMENT
TH842C

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 / 7-147-01	P1-1554
48	SELECTOR VALVE / STEERING / 7-359-02	P4-2009
49	RETURN FILTER ASSEMBLY / 7-118-01	P1-1513
50	CONTROL BLOCK ASSEMBLY	P1-1451
51	4-WAY CONTROLLER ASSEMBLY / 7-358-03	P1-1280
52	MAIN VALVE ASSEMBLY / 7-358-14	P1-1391
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	CONTROLLER RELIEF VALVE / 7-367-01	P1-1446
57	VALVE / BOOM ACTIVATED REAR-LOCK / 7-367-13	P1-1456
58	VALVE / DIFFERENTIAL LOCK / 7-367-02	P1-1460

INDEX / OPTIONAL EQUIPMENT
TH842C

59	FULLY ENCLOSED CAB ASSEMBLY	P1-1739
60	FORK FRAME ROTATE ASSEMBLY	P4-1556
61	ROTATE CYLINDER ASSEMBLY	P4-2020
62	DUAL PILOT CHECK VALVE	P3-1141
63	CIRCUIT / FORK ROTATE	P1-1559
64	HOSE ROLLER ASSEMBLY	P1-1568
	CUMMINS 4B3.9-C-100 TURBO ENGINE OPTIONS	
65	ENGINE & PUMP ASSY / CUMMINS B3.9-C	P4-1950
66	ACCELERATOR ASSY / CUMMINS B3.9-C	P4-1789
67	ENGINE ENCLOSURE ASSY / CUMMINS B3.9-C	P4-2204
68	EXHAUST ASSY / CUMMINS B3.9-C	P4-1799
69	AIR CLEANER ASSY / CUMMINS B3.9-C	P4-2238
70	CIRCUIT / OIL COOLER / CUMMINS B3.9-C	P4-1965
71	CIRCUIT / FUEL / CUMMINS B3.9-C	P4-1966
72	STARTER RELAY / SENDER ASSY / CUMMINS B3.9-C	P4-1968

MidWestTech | Terex TH842C, Deere 4045T, Cummins 4B3.9-C-100, T12000, Dana 212 Te... 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
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	7-367-03	CARTRIDGE / NORMALLY OPEN	7-367-18
DSV2-080-3-N	7-367-14	CARTRIDGE / NORMALLY CLOSED	7-367-18
DSV2-080-2NOS-N	7-367-06	CARTRIDGE / NORMALLY OPEN	7-367-17
DSV2-080-4C0-N	7-367-10	CARTRIDGE / 4-WAY	7-367-19
	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
	7-316-239	CYLINDER / BOOM / P4-2045	7-900-23
	7-379-01	CYLINDER / ROTATE / P4-2020	7-900-86
	7-229-619	CYLINDER / STEERING	7-900-88
	7-198-48	BRAKE ACTUATOR	7-198-49
	7-147-01	ORBITRAL / STEERING	7-147-07
	7-358-08	PARKING BRAKE VALVE	7-358-42

MidWestTech | Terex TH842C, Deere 4045T, Cummins 4B3.9-C-100, T12000, Dana 212 Te... Order the manual at mid-west-tech.com >

ITEM	NUMBER	DESCRIPTION	REQD
51	6-6211-04	LOCKWASHER 1/4	REF
52	6-6212-04	FLATWASHER 1/4	REF
53	6-6201-04	HEX NUT 1/4 NC	REF
54	6-5205-06	CAPSCREW 5/16 NC x 3/4 LG.	REF
55	6-6211-05	LOCKWASHER 5/16	REF
56	6-6201-05	HEX NUT 5/16 NC	REF
57	7-114-05	CAB WELDMENT	REF
58	7-114-10	STEP / CAB	REF
59	6-5808-10	CAPSCREW 1/2 NC x 1 1/4 LG.	2
60	6-6211-08	LOCKWASHER 1/2	2
61	7-127-09	SWITCH / DIFF. LOCK	REF
62	6-5204-04	CAPSCREW 1/4 NC x 1/2 LG.	2
63	6-6211-04	LOCKWASHER 1/4	2

MidWestTech | Terex TH842C, Deere 4045T, Cummins 4B3.9-C-100, T12000, Dana 212 Te... Order the manual at mid-west-tech.com >

ITEM	NUMBER	DESCRIPTION	REQD
1	4-2276	OIL RESERVOIR WELDMENT	REF
2	7-345-113	PUMP ASSEMBLY	REF
3	7-272-11	BREATHER	REF
4	7-206-03	PRESSURE SWITCH / BRAKE LIGHT	REF
5	7-118-01	FILTER / RETURN	1
6	7-272-10	GAGE / RETURN FILTER	1
7	7-118-02	ELEMENT / RETURN FILTER	REF
8	7-358-08	VALVE / MANUAL PARKING BRAKE	1
9	7-303-02	PRESSURE SWITCH / PARKING BRAKE	REF
10	7-358-03	CONTROLLER / 4-WAY	1
11	7-358-14	VALVE / 3 SECTION	1
12	7-316-239	CYLINDER / BOOM	REF
13	7-316-240	CYLINDER / LIFT	REF
14	7-316-238	CYLINDER / TILT	REF
15	7-379-02	CYLINDER / SWAY	REF
16	7-379-01	CYLINDER / ROTATE	REF
17	7-229-619	CYLINDER / STEERING	REF
18	7-229-619	CYLINDER / STEERING	REF
19	7-234-03	VALVE / MOTION / BOOM	2
20	7-234-04	VALVE / DUAL CHECK	3
21	7-234-01	VALVE / MOTION / HEAD TILT	1
22	7-234-02	VALVE / MOTION / BASE TILT	1
23	7-367-09	VALVE / ELECTRIC 4-WAY	2
24	7-234-50	VALVE / TILT LIMITER	1
25	7-359-02	VALVE / STEERING SELECTOR	1
26	7-234-94	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	7-234-28	CARTRIDGE / REDUCING-RELIEVING	REF
31	7-256-25	ACCUMULATOR / BRAKE	1
32	7-198-48	BRAKE ACTUATOR	1
33	7-244-31	VALVE / ELECTRIC 4-WAY / SWAY	1
34	7-234-18	CARTRIDGE / PILOT CHECK	REF
35	7-244-31	VALVE / ELECTRIC 4-WAY / ROTATE	REF
36	7-234-35	VALVE / DUAL CHECK	REF
37	7-147-01	STEERING ORBITRAL	1
38	7-367-01	VALVE / CONTROLLER RELIEF	1
39	7-292-01	HOSE REEL ASSY / RH / ROTATE	REF
40	7-234-54	VALVE / MOTION / LIFT	2
41	1-1219	RESTRICTOR FITTING	REF
42	1-1093-2	RESTRICTOR PLUG (.060)	REF
43	1-1093-1	RESTRICTOR PLUG (.040)	REF
44	7-234-22	CARTRIDGE / COUNTERBALANCE	REF
45	7-234-53	CARTRIDGE / COUNTERBALANCE	REF
46	7-367-06	CARTRIDGE / NORMALLY OPEN	REF
47	7-234-19	CARTRIDGE / COUNTERBALANCE	REF
48	7-234-76	BLOCK ASSEMBLY / REAR LOCK-UP	1
49	7-234-79	CARTRIDGE / SHUTTLE	REF

MidWestTech | Terex TH842C, Deere 4045T, Cummins 4B3.9-C-100, T12000, Dana 212 Te... Order the manual at mid-west-tech.com >

ITEM	NUMBER	DESCRIPTION	REQD
1	7-234-94	CONTROL BLOCK ASSEMBLY	REF
2	7-234-76	BLOCK ASSEMBLY / REAR LOCK-UP	REF
3	7-304-07	CARTRIDGE / MODULAR CONTROL	2
4	6-6452-19	FITTING / 06 OR x 04 JIC 45	2
5	6-6453-04	FITTING / 06 OR x 04 JIC 90	6
6	7-367-13	VALVE / BOOM ACTIVATED REAR LOCK	REF
7	6-6452-03	FITTING / 06 OR x 06 JIC 45	1
8	6-7003-22	HOSE / 06 x 06 x 11 LG.	1
9	6-6211-05	LOCKWASHER 5/16	2
10	7-379-02	CYLINDER / REAR LOCK-UP	REF
11	6-7002-74	HOSE / 04 x 04 x 37 LG.	2
12	6-7003-56	HOSE / 06 x 06 x 28 LG.	1
13	6-7002-62	HOSE / 04 x 04 x 31 LG.	2
14	6-7003-20	HOSE / 06 x 06 x 10 LG.	1
15	6-5205-22	CAPSCREW 5/16 NC x 2 3/4 LG.	2
16	6-6453-06	FITTING / 06 OR x 06 JIC 90	5
17	6-6450-09	FITTING / 08 OR x 06 JIC STR.	1
18	3-1376	MANIFOLD BLOCK	REF
19	6-5204-14	CAPSCREW 1/4 NC x 1 3/4 LG.	2
20	6-6211-04	LOCKWASHER 1/4	2
21	6-6212-04	FLATWASHER 1/4	2
22	6-6450-08	FITTING / 06 OR x 06 JIC STR.	3
23	6-7023-62	HOSE / 06 x 06-90 x 31 LG.	1
24	6-7023-32	HOSE / 06 x 06-90 x 16 LG.	1
25	6-7003-74	HOSE / 06 x 06 x 37 LG.	1
26	6-6455-05	FITTING / 06 OR x 06 JIC RN-TEE	REF
27	6-6450-15	FITTING / 08 OR x 10 JIC STR.	REF
28	6-7025-36	HOSE / 10 x 10-90 x 18 LG.	REF

MidWestTech | Terex TH842C, Deere 4045T, Cummins 4B3.9-C-100, T12000, Dana 212 Te... Order the manual at mid-west-tech.com >