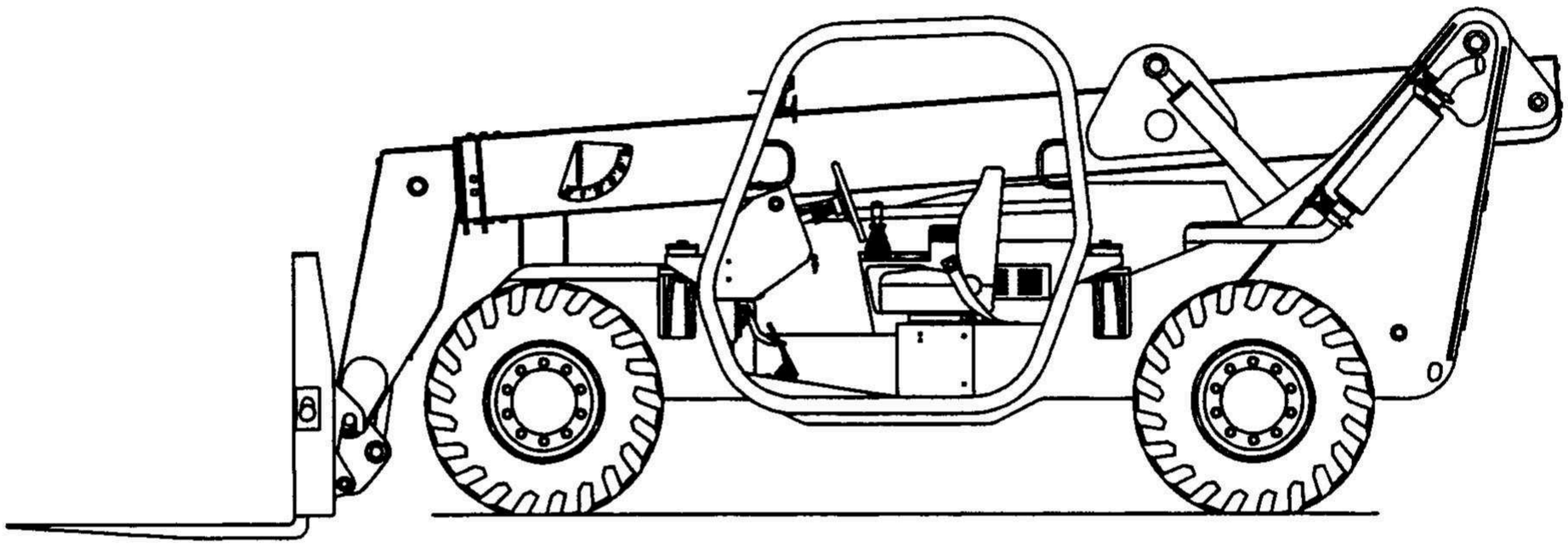
PARTS BOOK
TH528C



DATE: 05-16-03

CUMMINS B3.3 85 H.P. 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.terex.com

MidWestTech | Terex TH528C, Cummins B3.3, Dana 212, Clark T12000 Telehandler Parts Manual | Publication 235751
Order the manual at mid-west-tech.com >

INDEX / STANDARD EQUIPMENT
TH528C

PAGE	DESCRIPTION	DRAWING
1	SEAL KITS / TH528C	P1-1624
2	LUBE CHART / TH528C	P1-1623
3	FILTER GUIDE	P1-1625
4	DECALS	P1-1764
5	GENERAL ASSEMBLY	P1-1732
6	OPERATOR'S COMPARTMENT ASSEMBLY	P1-1691
7	POWER TRAIN ASSY	P1-1628
8	ENGINE & PUMP ASSY / CUMMINS B3.3-85	P1-1635
9	BOOM ASSEMBLY	P1-1359
10	FOOT BRAKE ASSEMBLY	P1-1533
11	ACCELERATOR ASSY / CUMMINS B3.3-85	P1-1629
12	ACCELERATOR ASSEMBLY / PEDAL END	P1-1683
13	ENGINE ENCLOSURE ASSEMBLY	P1-1363
14	EXHAUST ASSEMBLY / CUMMINS B3.3-85	P1-1630
15	AIR CLEANER ASSEMBLY	P1-1631
16	DRIVESHAFT ASSEMBLY / FRONT	P1-1614
17	DRIVESHAFT ASSEMBLY / REAR	P1-1655
18	TIRE & WHEEL ASSEMBLY	P1-1669
19	ELECTRIC SCHEMATIC	P1-1632
20	WIRING DIAGRAM	P1-1633
21	INSTRUMENT PANEL ASSEMBLY	P1-1688
22	HYDRAULIC SCHEMATIC	P1-1634
23	CIRCUIT / PUMP / OIL RESERVOIR	P1-1647
24	CIRCUIT / LIFT	P1-1333
25	CIRCUIT / BOOM	P1-1334
26	CIRCUIT / TILT-SLAVE	P1-1339
27	CIRCUIT / 4-WAY CONTROLLER	P1-1648
28	CIRCUIT / STEERING	P1-1650
29	CIRCUIT / SWAY	P1-1337
30	CIRCUIT / PARKING BRAKE	P1-1008
31	CIRCUIT / BRAKE	P1-1651
32	CIRCUIT / OIL COOLER	P1-1652
33	CIRCUIT / FUEL / CUMMINS B3.3-85	P1-1653
34	STARTER RELAY / SENDER ASSY / B3.3-85	P1-1654
35	AIR CLEANER / FUEL TANK / BATTERY BOX ASSY	P1-1341
36	LIFT CYLINDER / 7-316-332	P1-1352
37	TILT CYLINDER / 7-316-329	P1-1353
38	BOOM CYLINDER / 7-316-328	P1-1354
39	SWAY CYLINDER / 7-316-331	P1-1355
40	SLAVE CYLINDER / 7-316-330	P1-1356
41	ORBITRAL ASSEMBLY / 7-147-01	P1-1554
42	SELECTOR VALVE / STEERING / 7-359-02	P4-2009
43	RETURN FILTER ASSEMBLY / 7-118-01	P1-1513

MidWestTech | Terex TH528C, Cummins B3.3, Dana 212, Clark T12000 Telehandler Parts... Order the manual at mid-west-tech.com >

INDEX / STANDARD EQUIPMENT
TH528C

PAGE	DESCRIPTION	DRAWING
44	CONTROL BLOCK ASSEMBLY / 7-234-94	P1-1350
45	4-WAY CONTROLLER ASSEMBLY / 7-358-03	P1-1280
46	MAIN VALVE ASSEMBLY / 7-358-15	P1-1364
47	HYDRAULIC PUMP ASSEMBLY / 7-345-113	P4-2059
48	ELECTRIC 4-WAY VALVE / 7-367-09	P1-1447
49	ELECTRIC 4-WAY VALVE / 7-244-31	P3-1140
50	CONTROLLER RELIEF VALVE / 7-367-01	P1-1446

INDEX / OPTIONAL EQUIPMENT
TH528C

51	FULLY ENCLOSED CAB ASSEMBLY / 7-114-03	P1-1740

MidWestTech | Terex TH528C, Cummins B3.3, Dana 212, Clark T12000 Telehandler Parts... 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
CKCD-XCN	7-234-18	CARTRIDGE / PILOT CHECK	7-234-29
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
CKED-XCN	7-234-55	CARTRIDGE / PILOT CHECK	7-234-30
CXDA-XCN	7-234-80	CARTRIDGE / CHECK	7-234-31
DSV2-080-4CO-N	7-367-10	CARTRIDGE / 4-WAY	7-367-19
DSV2-080-2NOS-N	7-367-06	CARTRIDGE / NORMALLY OPEN	7-367-17
	7-316-331	CYLINDER / SWAY / P1-1355	7-900-76
	7-316-332	CYLINDER / LIFT / P1-1352	7-900-72
	7-316-329	CYLINDER / TILT / P1-1353	7-900-74
	7-316-328	CYLINDER / BOOM / P1-1354	7-900-73
	7-316-330	CYLINDER / SLAVE / P1-1356	7-900-75
	7-379-01	CYLINDER / FORK FRAME ROTATE	7-900-86
	7-229-696	CYLINDER / STEERING	7-900-88
	7-198-48	BRAKE ACTUATOR	7-198-49
	7-147-01	ORBITRAL / STEERING	7-147-07
	7-358-15	VALVE ASSEMBLY / 3 SECTION / P1-1364	7-358-40
	7-358-08	PARKING BRAKE VALVE	7-358-42

MidWestTech | Terex TH528C, Cummins B3.3, Dana 212, Clark T12000 Telehandler Parts... 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

MidWestTech | Terex TH528C, Cummins B3.3, Dana 212, Clark T12000 Telehandler Parts... Order the manual at mid-west-tech.com >

ITEM	NUMBER	DESCRIPTION	REQD
1	7-316-329	CYLINDER / TILT	REF
2	7-316-332	CYLINDER / LIFT (2)	REF
3	7-316-328	CYLINDER / BOOM	REF
4	7-316-331	CYLINDER / SWAY	REF
5	7-316-330	CYLINDER / SLAVE	REF
6	7-229-696	CYLINDER / STEERING (2)	REF
7	7-379-01	CYLINDER / ROTATE	REF
8	7-358-15	VALVE ASSEMBLY / 3 SECTION	REF
9	7-358-03	CONTROLLER / 4-WAY	REF
10	7-256-25	ACCUMULATOR / BRAKE	REF
11	7-198-48	ACTUATOR / HANGING BRAKE PEDAL	1
12	7-206-03	PRESSURE SWITCH / BRAKE LIGHTS	REF
13	7-272-11	FILLER / BREATHER / PRESSURIZED	REF
14	7-118-01	FILTER / RETURN	REF
15	7-272-10	GAGE / RETURN FILTER	REF
16	7-118-02	ELEMENT / RETURN FILTER	REF
17	7-345-113	PUMP ASSEMBLY / 60cc	REF
18	7-359-02	SELECTOR VALVE / STEERING	REF
19	1-1219	RESTRICTOR FITTING	REF
20	1-1093-1	RESTRICTOR PLUG (.040)	REF
21	7-292-01	HOSE REEL / RH / ROTATE	REF
22	4-2155	OIL RESERVOIR	REF
23	7-234-18	CARTRIDGE / CHECK (2)	REF
24	7-244-31	VALVE / ELECTRIC 4-WAY (2)	REF
25	7-234-35	VALVE / CHECK	REF
26	7-234-94	CONTROL BLOCK ASSEMBLY	REF
27	7-234-55	CARTRIDGE / CHECK	REF
28	7-234-53	CARTRIDGE / COUNTER BALANCE (4)	REF
29	7-229-377	AXLE ASSEMBLY / FRONT	REF
30	7-229-378	AXLE ASSEMBLY / REAR	REF
31	7-303-03	PRESSURE SWITCH / CLUTCH CUT-OFF	REF
32	7-358-08	VALVE / MANUAL PARKING BRAKE	REF
33	7-303-02	PRESSURE SWITCH / PARKING BRK. LT.	REF
34	7-366-01	VALVE ASSY / AUXILIARY HYDRAULICS	REF
35	1-1221	RESTRICTOR FITTING / 90	REF
36	7-147-01	ORBITRAL / STEERING	1
37	7-367-01	VALVE / CONTROLLER RELIEF	REF
38	7-367-06	CARTRIDGE / NORMALLY OPEN	REF
39	7-367-09	VALVE / ELECTRIC 4-WAY	REF
40	7-234-80	CARTRIDGE / CHECK	REF
41	7-234-37	CARTRIDGE / NEEDLE	REF
42	7-234-13	CARTRIDGE / REDUCING-RELIEVING	REF
43	7-234-28	CARTRIDGE / REDUCING-RELIEVING	REF

MidWestTech | Terex TH528C, Cummins B3.3, Dana 212, Clark T12000 Telehandler Parts... Order the manual at mid-west-tech.com >

ITEM	NUMBER	DESCRIPTION	REQD
1	4-2189	ENCLOSURE ASSY (ITEMS 2,3,4 & 5)	1
2	4-2189-1	WELDMENT / ENCLOSURE SUPPORT	REF
3	4-2189-9	WELDMENT / FUEL TANK COVER	REF
4	4-2189-10	WELDMENT / BATTERY COVER DOOR	REF
5	4-2189-11	WELDMENT / AIR CLEANER COVER DOOR	REF
6	6-5208-08	CAPSCREW 1/2 NC x 2 LG.	4
7	6-6211-08	LOCKWASHER 1/2	4
8	6-6201-08	HEX NUT 1/2 NC	4
9	7-290-01	BODY BOLT 5/16 NC x 3/4 LG.	10
10	7-294-24	BRASS BEARING WASHER / 6mm	4
11	4-2154-3	COVER / FUEL SENDER	1
12	6-5204-10	CAPSCREW 1/4 NC x 1 1/4 LG.	2
13	6-6212-04	FLATWASHER 1/4	5
14	6-6205-04	SELF LOCKING NUT 1/4 NC	7
15	6-5204-06	CAPSCREW 1/4 NC x 3/4 LG.	4
16	7-360-01	PLASTIC HOLDER	2
17	7-360-02	LATCH / RUBBER	2
18	7-355-01	BATTERY	1
19	6-7801-180B	BATTERY CABLE / RED (POSITIVE)	1
20	6-7802-88B	BATTERY CABLE / BLACK (NEGATIVE)	1
21	2-1251	BATTERY HOLD-DOWN ROD	1
22	3-1452	BATTERY HOLD-DOWN	1
23	7-194-74	WING NUT 1/4 NC SELF LOCKING	1
24	6-8512-25	CAPSCREW 12mm x 1.75 x 25mm LG.	1
25	6-5206-10	CAPSCREW 3/8 NC x 1 1/4 LG.	2
26	6-6212-06	FLATWASHER 3/8	2
27	6-6211-06	LOCKWASHER 3/8	2
28	6-6201-06	HEX NUT 3/8 NC	2
29	6-5205-05	CAPSCREW 5/16 NC x 5/8 LG.	2
30	6-9111-12	LOCKWASHER 12mm	1

MidWestTech | Terex TH528C, Cummins B3.3, Dana 212, Clark T12000 Telehandler Parts... Order the manual at mid-west-tech.com >