GRADALL®

Illustrated Parts Manual

Models

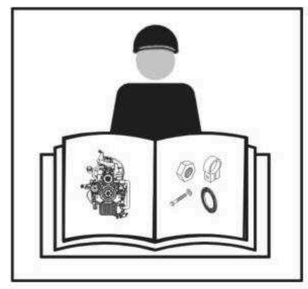
532C-6

534C-6

S/N 0188002

P/N - 9112-4051

Revised July 6, 2007



MidWestTech | Gradall 532C-6, 534C-6 Telehandler Parts Manual | Publication 9112-4051

Order the manual at mid-west-tech.com >

SECTION 1 — INTRODUCTION

Table of Contents ..... 1-1 thru 1-6
Alphabetical Index ..... 1-7 thru 1-11
Service Kits 1-12
*Part Number Index ..... 1-13 thru 1-30

SECTION 2 — CHASSIS & ATTACHING PARTS

Frame Shrouding & Trim (Starting S/N 0188002) 2-1
Frame Shrouding & Trim (Starting S/N 0288777) 2-1
Frame Shrouding & Trim (Starting S/N0388043 Turbo) 2-1
Rear Axle & Attaching Parts (Starting S/N 0188002) 2-2
Rear Axle & Attaching Parts (Starting S/N 0188214) 2-2
Front Axle Mounting 2-3
Cab Glass (Starting S/N 0288301) 2-4
Cab Glass (Starting S/N 0288777) 2-4

SECTION 3 — BOOM

First Boom Section 3-1
Second Boom Section 3-2
Third Boom Section 3-3
Extension & Retraction Cables 3-4
Quick Switch 3-5

SECTION 4 — ATTACHMENTS

Carriage Assembly 4-1
Quick Switch Mounted Carriage Assembly (Old Style) 4-2
Quick Switch Mounted Carriage Assembly (New Style) 4-2
Buckets 4-3
Slope Piler Carriage 4-4

SECTION 5 — ENGINE & ATTACHING PARTS

Engine Left Side View (532C-6) 5-1
Engine Right Side View (532C-6) 5-2
Engine Left Side View (534C-6) (Starting S/N 0188002) 5-3
Engine Left Side View (534C-6) (Starting S/N 0188251) 5-3
Engine Left Side View (534C-6 Turbo) (Starting S/N 0388043) 5-3

* *Changed the page number for the Page Number Index from 1-31 to 1-30.*

MidWestTech | Gradall 532C-6, 534C-6 Telehandler Parts Manual | Publication 9112-4051 Order the manual at mid-west-tech.com >

SECTION 5 — ENGINE & ATTACHING PARTS (continued)

Engine Right Side View (534C-6) (Starting S/N 0188002) 5-4
Engine Right Side View (534C-6) (Starting S/N 0188251) 5-4
Engine Right Side View (534C-6 Turbo) (Starting S/N 0388043) 5-4
Fuel Tank & Lines (Starting S/N 0188002) 5-5
Fuel Tank & Lines (Starting S/N 0388012) 5-5
Radiator & Hoses (Starting S/N 0188002) 5-6
Radiator & Hoses (Starting S/N 0388043 Turbo) 5-6
Air Cleaner Piping (Starting S/N 0188002) 5-7
Air Cleaner Piping (Starting S/N 0288777) 5-7
Air Cleaner Piping (Starting S/N 0388043 Turbo) 5-7
Air Cleaner 5-8
Exhaust System (Starting S/N 0188002) 5-9
Exhaust System (Starting S/N 0388043 Turbo) 5-9

SECTION 6 — DRIVE TRAIN

Front Axle Assembly 6-1
Front Axle Housing 6-2
Front Axle Differential Carrier 6-3
Brake Assembly 6-4
Front Axle Shaft & Planetary Wheel End 6-5
Rear Steering Axle Drive Hub (534C-6) (Starting S/N 0188002) 6-6
Rear Steering Axle Drive Hub (534C-6) (Starting S/N 0288568) 6-6
Rear Steering Axle Non-Drive Hub (532) 6-7
Wheels & Tires 6-8

SECTION 7 — CONTROLS

Tilt & Sway 7-1
Lift & Crowd 7-2
Accelerator Linkage(Starting S/N 0188002) 7-3
Accelerator Pedal Assembly (Starting S/N 0288777) 7-3
Steering Column - Reversing Master Switch (Starting S/N 0188002) 7-4
Steering Column - Reversing Master Switch (Starting S/N 0288777) 7-4
Steering Column (Starting S/N 0188002) 7-5
Floorplate Assembly (Starting S/N 0288777) 7-6
Brake & Inching Linkage (Starting S/N 0188002) 7-7
Brake & Inching Linkage (Starting S/N 0288777) 7-7

MidWestTech | Gradall 532C-6, 534C-6 Telehandler Parts Manual | Publication 9112-4051 Order the manual at mid-west-tech.com >

SECTION 8 — BRAKES

Service Brake Lines. 8-1
Service Brake 8-2
Brake & Inching Linkage (SEE PAGE 7-7) 8-3
Inching & Parking Brake Lines (532C-6) (Starting S/N 0188002) 8-4
Inching & Parking Brake Lines (532C-6) (Starting S/N 0188166) 8-4
Inching & Parking Brake Lines (534C-6) (Starting S/N 0188002) 8-5
Inching & Parking Brake Lines (534C-6) (Starting S/N 0188166) 8-5
Inching & Parking Brake Lines (534C-6) (Starting S/N 0188251) 8-5
Inching & Parking Brake Lines (534C-6) (Starting S/N 0288777) 8-5

SECTION 9 — HYDRAULIC CIRCUITS

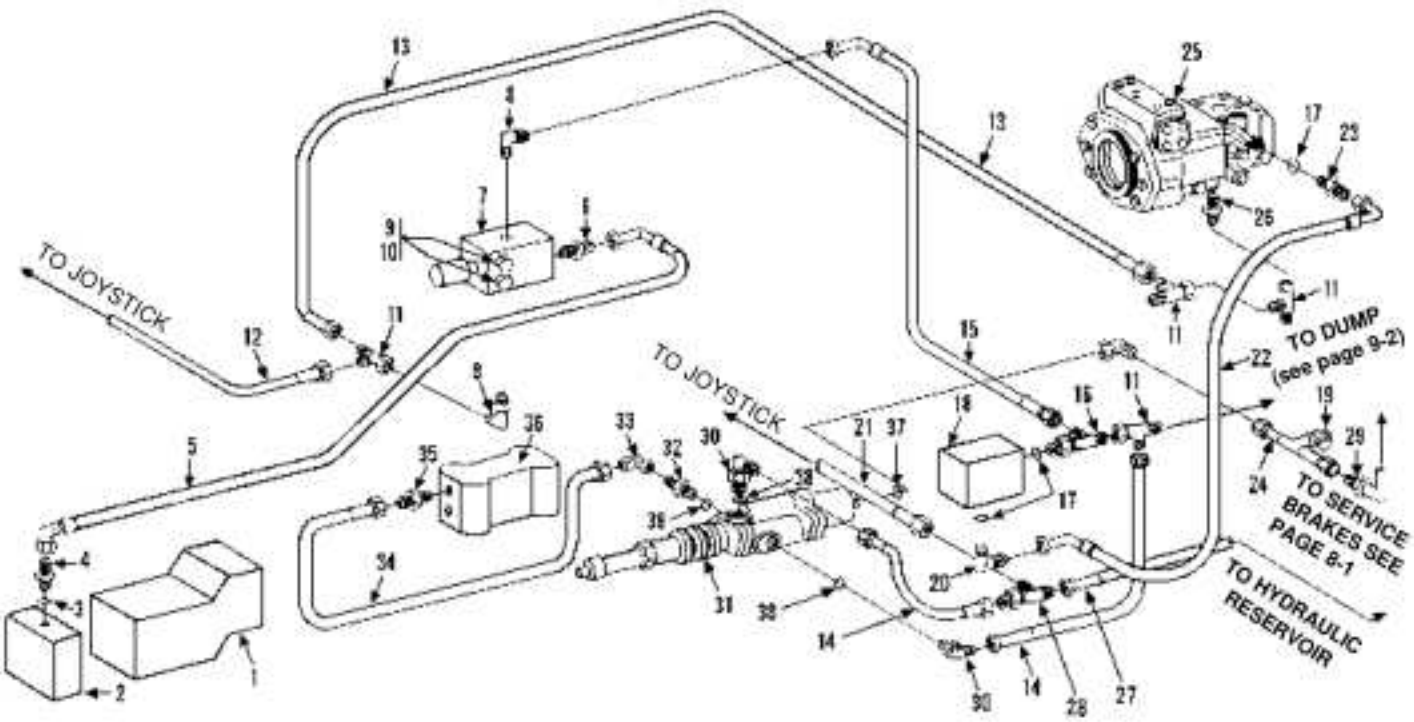
Oil Supply & Pressure Lines 9-1
Dump Circuit (534C-6) (Starting S/N 0188002) 9-2
Dump Circuit (534C-6 Turbo) (Starting S/N 0388043) 9-2
Dump Circuit (532C-6) 9-3
Drive Circuit (532C-6) (Starting S/N 0188002) 9-4
Drive Circuit (532C-6) (Starting S/N 0188256) 9-4
Drive Circuit - Front (534C-6) (Starting S/N 0188002) 9-5
Drive Circuit - Front (534C-6) (Starting S/N 0188251) 9-5
Drive Circuit - Rear (534C-6) (Starting S/N 0188002) 9-5
Drive Circuit - Rear (534C-6 (Starting S/N 0188251) 9-5
Drive Circuit - Rear (534C-6 Turbo) (Starting S/N 0388043) 9-5
Lift Cylinder 9-6
Crowd Cylinder 9-7
Tilt & Tilt Compensating Cylinder 9-8
Sway Cylinder (Starting S/N 0188002) 9-9
Swary Cylinder (Starting S/N 0388043 Turbo) 9-9
Steering Cylinder (Starting S/N 0188002) 9-10
Steering Cylinder (Starting S/N 0288032) 9-10
Joystick Circuit (Starting S/N 0188166) 9-11
Joystick Circuit (Staring S/N 0288777) 9-11

SECTION 10 — HYDRAULIC COMPONENTS

Lift Cylinder (Seitz) 10-1
Lift Cylinder (Iowa) 10-1

MidWestTech | Gradall 532C-6, 534C-6 Telehandler Parts Manual | Publication 9112-4051 Order the manual at mid-west-tech.com >

NOTE: STARTING SERIAL NUMBER 0288251 IS INCORRECT. DISCARD PAGE 8-5 WITH S/N 0288251 AND REPLACE IT WITH PAGE 8-5, STARTING S/N 0188251.



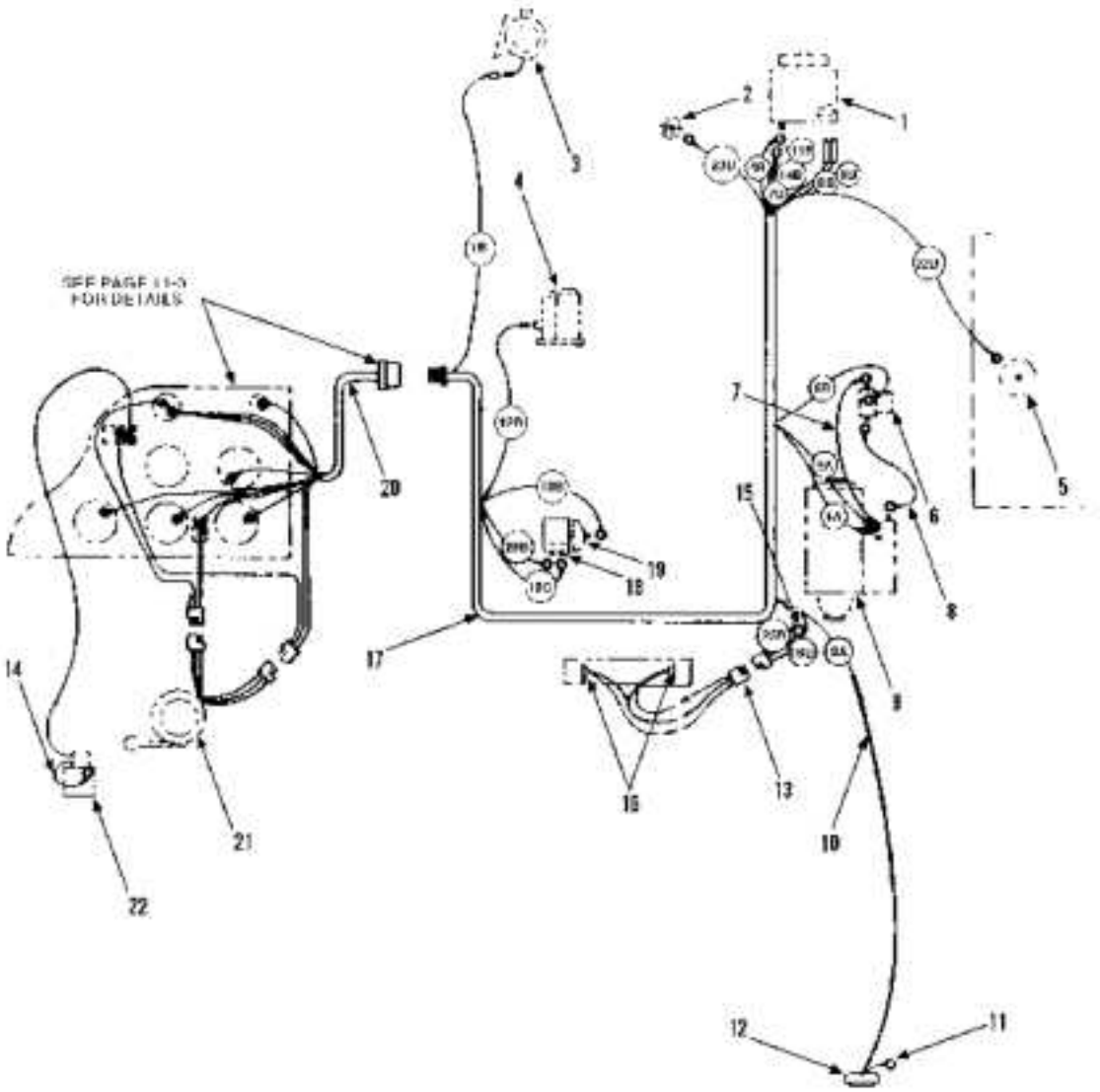
Item	Part No.	Qty.	Description Of Part
1		Ref	FRONT DRIVE MOTOR (see page 10-20 for details)
2		Ref	BRAKE ASSY (see page 6-4 for details)
3	8859-1202	1	O-RING
4	8866-2003	1	CONNECTOR (includes item 3)
5	8471-7869	1	HOSE ASSY
6	9108-3213	1	CONNECTOR
7		Ref	SOLENOID VALVE ASSY(see page 10-14 for details)
8	8866-1109	2	MALE ELBOW, 90 DEGREES, 3/8 TUBE
9	8820-1008	2	HEX HD CAPSCREW, 1/4-20X1-3/4, GR5
10	8855-1009	2	LOCKWASHER, 1/4
11	8866-2239	3	SWIVEL NUT RUN TEE, 3/8 TUBE
12	9020-4096	1	HOSE ASSY
13	8471-7852	1	HOSE ASSY
14	8471-7890	2	HOSE ASSY
15	8471-7889	1	HOSE ASSY
16	8866-2139	1	RUN TEE (includes item 17)
17	8859-1204	3	O-RING
18		Ref	INCHING VALVE (see page 10-16 for details)

Item	Part No.	Qty.	Description Of Part
19	7713-3089	1	TEST FITTING
20	8866-2064	1	ELBOW, 90 DEGREES (includes item 17)
21	7713-3197	1	HOSE ASSY
22	8471-7817	1	HOSE ASSY
23	8866-2017	1	CONNECTOR (includes item 17)
24	9104-3163	1	TUBE ASSY
25		Ref	HYDROSTATIC TRANSMISSION ASSY (see page 10-18 for details)
26	9105-3426	1	CONNECTOR
27	8471-6726	1	HOSE ASSY
28	8866-1305	1	UNION TEE, 3/8 TUBE
29	8471-8021	1	HOSE ASSY
*30	9108-3310	2	ELBOW, 90 DEGREES (includes item 38)
31		Ref	BRAKE VALVE (see page 10-13 for details)
*32	9108-3306	1	CONNECTOR (includes item 38)
33	8866-2105	2	ELBOW, 90 DEGREES (swivel nut)
34	8471-7853	1	HOSE ASSY
35	9105-3426	1	CONNECTOR
36		Ref	FLOW DIVIDER VALVE (see page 10-12 for details)
37	9020-7856	1	COPPER GASKET
*38	8859-1206	3	O-RING

KG

** Changed upper left to designate model more clearly, added item 38. Also S/N 0288251 is incorrect replace page 8-5 S/N 0288251 with page 8-5 starting S/N 0188251.*

MidWestTech | Gradall 532C-6, 534C-6 Telehandler Parts Manual | Publication 9112-4051 Order the manual at mid-west-tech.com >



Item	Part No.	Qty.	Description Of Part
1	9108-4002	Ref	ALTERNATOR
2	9020-6124	Ref	WATER TEMP. SENDER
3	2492-1393	Ref	HORN
4		Ref	FUEL SHUT-OFF VALVE, (included w/engine)
5	9040-0654	Ref	FUEL LEVEL SENDER
6	9040-2427	Ref	STARTER SOLENOID RELAY
7	9108-1462	1	JUMPER WIRE
8	9020-5205	1	JUMPER WIRE
9	9108-4003	Ref	STARTER
10	8203-3996	57"	WIRE LOOM
11		Ref	TRAVEL ALARM GROUND WIRE, (included w/travel alarm)
12	9123-3012	Ref	TRAVEL ALARM
13	9108-3406	1	PUMP HARNESS

Item	Part No.	Qty.	Description Of Part
14	9020-7719	1	JUMPER WIRE
15		Ref	FWD/REV. SWITCH GROUND
16		Ref	PLUG-IN CONNECTORS
17	9108-3048	1	ENGINE WIRING HARNESS, (includes item 15)
18	2474-1047	Ref	PRESSURE SWITCH
19	9103-3246	Ref	OIL PRESSURE SENDER
* 20	9108-3110	1	DASH WIRING HARNESS
21	9108-5025	Ref	FWD/REV. SWITCH
22	9020-6739	2	SOLENOID VALVE
			NOTE: ONLY ITEMS WITH PART NUMBER ARE AVAILABLE FOR SERVICE.

* *Changed part number on item 20.*

MidWestTech | Gradall 532C-6, 534C-6 Telehandler Parts Manual | Publication 9112-4051 Order the manual at mid-west-tech.com >

THE FOLLOWING ITEMS MUST BE ORDERED, ACCORDING TO MACHINE MODEL, IN ADDITION TO THE COMMON DECAL KIT TO MAKE A COMPLETE DECAL SET FOR EACH MACHINE. FOR LIST OF ITEMS INCLUDED IN COMMON KIT , SEE PAGES 12-2 AND 12-3.

MODEL 522

Item	Part No.	Qty.	Description Of Part
	9108-4283	AR	COMMON DECAL KIT
1	9108-3321	1	CAPACITY DECAL
2	9109-3004	2	"522"

MODEL 524

Item	Part No.	Qty.	Description Of Part
	9108-4283	AR	COMMON DECAL KIT
1	9108-3321	1	CAPACITY DECAL
2	9108-3320	2	"524"

MODEL 532C-6

Item	Part No.	Qty.	Description Of Part
	9108-4283	AR	COMMON DECAL KIT
1	9112-3117	1	CAPACITY DECAL
2	9113-3001	2	"532C"
3	9103-3018	2	"6"

MODEL 534C-6

Item	Part No.	Qty.	Description Of Part
	9108-4283	AR	COMMON DECAL KIT
1	9112-3117	1	CAPACITY DECAL
2	9112-3035	2	"534C"
3	9103-3018	2	"6"

MODEL 534C-6 *TURBO*

Item	Part No.	Qty.	Description Of Part
	9108-4283	AR	COMMON DECAL KIT
1	9112-3117	1	CAPACITY
2	9112-3035	2	"534C"
3	9103-3018	2	"6"
4	9132-3001	1	INSTRUCTION
5	9132-3002	1	"TURBO," L.H.
6	9132-3003	1	"TURBO," R.H.

**Revised serial number due to addition of new design.*

MidWestTech | Gradall 532C-6, 534C-6 Telehandler Parts Manual | Publication 9112-4051 Order the manual at mid-west-tech.com >