PARTS CATALOG

LW130.B
WHEEL LOADER

Issued 11-2003
Revised 08-2004
Revised 05-2005

7-9082 NA

NEW HOLLAND
CONSTRUCTION

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

TABLE OF CONTENTS

02 -01	MOUNTING, ENGINE
02 -02	RADIATOR - MOUNTING
02 -03	FAN - FAN BELT
02 -04	COOLANT RECOVERY SYSTEM
02 -05	COOLING SYSTEM - FUEL TANK
02 -06	COOLING SYSTEM - MOTOR, DRIVE
02 -07	COOLING SYSTEM - MOTOR, DRIVE
02 -08	COOLING SYSTEM - MOTOR, DRIVE
02 -09	VALVE ASSY - COOLING SYSTEM
02 -10	AIR CLEANER - AIR INTAKE PARTS
02 -11	AIR CLEANER - AIR INTAKE PARTS
02 -12	AIR CLEANER ASSY
02 -13	MUFFLER - EXHAUST AND INTAKE
02 -13A	MUFFLER - EXHAUST SYSTEM - STANDARD/ASPIRATOR SPARK ARRESTER
02 -13B	MUFFLER - SPARK ARRESTER/ASPIRATOR
02 -14	ENGINE
02 -15	ENGINE, OIL
02 -16	OIL PUMP - ENGINE
02 -16A	TURBO OUTLET
02 -17	OIL FILTERS - ENGINE
02 -18	OIL FILTER AND COOLER
02 -19	OIL PUMP, PAN
02 -20	OIL PUMP, PAN - DRAIN LINE
02 -21	BREATHER - ENGINE
02 -22	TURBOCHARGER SYSTEM
02 -23	TURBOCHARGER
02 -24	WATER PUMP
02 -25	WATER PUMP - CONTROL
02 -26	CYLINDER BLOCK
02 -27	CYLINDER BLOCK
02 -28	CYLINDER BLOCK
02 -29	FLYWHEEL HOUSING
02 -30	GEAR COVER - REAR HOUSING
02 -31	FRONT GEAR COVER
02 -31A	GEAR COVER - PLATE
02 -32	CYLINDER HEAD - COVERS
02 -33	CYLINDER HEAD - VALVE MECHANISM
02 -34	CYLINDER HEAD
02 -35	MANIFOLD - INTAKE
02 -36	MANIFOLD - EXHAUST
02 -37	CAMSHAFT
02 -38	CRANKSHAFT
02 -39	CRANKSHAFT - PULLEY
02 -40	FLYWHEEL - ENGINE
02 -41	CONNECTING ROD
02 -42	PISTONS - CONNECTING ROD
02 -43	COOLING SYSTEM - ENGINE
02 -44	THERMOSTAT - ENGINE COOLING SYSTEM
02 -45	ENGINE - LIFT HOOK
02 -46	ENGINE - BLOCK HEATER
02 -47	ENGINE - COLD START SYSTEM

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

TABLE OF CONTENTS

03 -01	CONTROLS - THROTTLE, FOOT
03 -02	PEDAL ASSY - THROTTLE, FOOT
03 -03	FUEL LINES - FILTER, IN-LINE FUEL
03 -04	FUEL TANK FILLER - SENDER
03 -05	FUEL PUMP
03 -06	FUEL INJECTION PUMP
03 -07	FUEL INJECTION SYSTEM - PUMP MOUNTING
03 -08	FUEL INJECTION SYSTEM - FUEL, SUPPLY
03 -09	FUEL INJECTION SYSTEM - DRAIN LINE
03 -10	FUEL INJECTION SYSTEM
03 -11	FUEL INJECTION SYSTEM - INJECTOR
03 -12	FUEL INJECTION SYSTEM - TURBOCHARGER, PIPES AND CONNECTIONS
03 -13	FUEL FILTER
04 -01	STARTER
04 -02	ALTERNATOR
04 -02A	ALTERNATOR - IF USED
04 -03	ALTERNATOR
04 -04	PANEL, CONTROL
04 -05	PANEL, CONTROL
04 -06	HARNESS, FRONT
04 -07	INSTRUMENT CLUSTER
04 -07A	HARNESS, FRONT - IF USED
04 -07B	HARNESS, RTD - TC - IF USED -XLATIONS
04 -08	CONTROLS, CAB
04 -08A	HARNESS - CAB
04 -09	HARNESS - CAB, MAIN
04 -10	HARNESS - TRANSMISSION
04 -10A	HARNESS - TRANSMISSION
04 -11	HARNESS - GRID HEATER
04 -11A	HARNESS - GRID HEATER
04 -11B	HARNESS - GRID HEATER
04 -12	HARNESS, REAR CHASSIS
04 -13	HARNESS, REAR - RELAY BOX AND GRID HEATER
04 -13A	HARNESS, REAR CHASSIS - IF USED
04 -13B	HARNESS, REAR CHASSIS - IF USED
04 -14	ELECTRICAL - STEERING, AUXILIARY
04 -15	AUXILIARY STEERING AND RIDE CONTROL RELAY
04 -16	BATTERY - CABLES
04 -16A	BATTERY - CABLES - IF USED
04 -16B	BATTERY - INSTALLATION
04 -16C	BATTERY - INSTALLATION
04 -16D	BATTERY - STANDARD - IF USED
04 -17	MOUNTING - LAMP, FRONT
04 -17A	MOUNTING - LAMP, REAR
04 -18	LAMP ASSY - LAMP, FRONT
04 -19	LAMP ASSY - LAMPS, REAR COMBINATION
04 -19A	LAMP ASSY - LAMPS, REAR COMBINATION - IF USED
04 -20	DOUBLE-SIZE ROTATING LAMP
04 -21	CAB - WIPER, FRONT
04 -22	CAB - WIPER, REAR
04 -23	RADIO

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

TABLE OF CONTENTS

04 -24	CONVERTER, POWER OUTLET - MOUNTING
05 -01	STEERING COLUMN
05 -01A	STEERING COLUMN
05 -02	VALVE ASSY - STEERING CONTROL
05 -03	HYDRAULICS - STEERING
05 -04	HYDRAULICS - STEERING
05 -05	HYDRAULICS - STEERING
05 -06	HYDRAULICS - STEERING
05 -07	HYDRAULICS - STEERING, AUXILIARY
05 -08	PRIORITY VALVE - STEERING, AUXILIARY
05 -09	PUMP - STEERING, AUXILIARY
05 -10	CYLINDER ASSY - STEERING
06 -01	HYDRAULICS - TRANSMISSION
06 -02	MOUNTING - TRANSMISSION
06 -03	TRANSMISSION FILL TUBE - GAUGE, SIGHT
06 -04	TRANSMISSION - CONVERTER, COVER AND INPUT SHAFT
06 -05	TRANSMISSION ASSY - INPUT SHAFT
06 -06	TRANSMISSION ASSY - HOUSING
06 -07	TRANSMISSION ASSY - HOUSING TUBES
06 -08	TRANSMISSION - CLUTCH ASSY, FIRST
06 -09	TRANSMISSION - CLUTCH ASSY, SECOND
06 -10	TRANSMISSION - CLUTCH ASSY, THIRD
06 -11	TRANSMISSION - CLUTCH ASSY, FOURTH
06 -12	TRANSMISSION - CLUTCH ASSY, FORWARD
06 -13	TRANSMISSION - CLUTCH ASSY, REVERSE
06 -14	TRANSMISSION - SHAFT, OUTPUT
06 -15	TRANSMISSION - POWER TAKE OFF
06 -16	TRANSMISSION - VALVE PLATES
06 -17	TRANSMISSION - VALVE, CONTROL
06 -18	TRANSMISSION - VALVE, CONTROL
06 -19	TRANSMISSION - VALVE, REGULATOR AND OIL PUMP
06 -20	TRANSMISSION - SENSOR, SPEED AND PUMP COVER
06 -21	TRANSMISSION - FILTER, OIL AND FILLER COVER
06 -22	AXLE, FRONT - MOUNTING
06 -22A	AXLE, FRONT - HOUSING
06 -22B	AXLE, FRONT - DIFFERENTIAL CARRIER
06 -22C	AXLE, FRONT - DIFFERENTIAL
06 -22D	AXLE, FRONT - HUB, DISC BRAKES
06 -22E	AXLE, FRONT - HUB, PLANETARY
06 -23	AXLE, REAR - MOUNTING
06 -23A	AXLE, REAR - HOUSING
06 -23B	AXLE, REAR - DIFFERENTIAL CARRIER
06 -23C	AXLE, REAR - DIFFERENTIAL
06 -23D	AXLE, REAR - HUB, DISC BRAKES
06 -23E	AXLE, REAR - HUB, PLANETARY
06 -24	AXLE, REAR - STOP
06 -25	DRIVE SHAFT
06 -26	DRIVE SHAFT - ENGINE
06 -27	DRIVE SHAFT, FRONT - BEARING, SUPPORT AND LUBE LINE
06 -28	DRIVE SHAFT - CENTER AND REAR
06 -29	WHEELS

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

HYDRAULICS - BRAKE, MAIN

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
		REF			INSTRUCTION RESERVOIR TO PUMP TO ACCUMULATOR VALVE
1		87434460		1	HOSE ASSY. 2850 mm (112-1/2 in); Brake Pressure
2		700-326		1	ELBOW 13/16 fc sl x 22 orb; Incl. 3, 4
3		637-63153		1	O-RING 15,3 ID x 2,2, Boss Seal
4		238-6014		1	O-RING 1/2 ID x 1/16, Face Seal
5		87402776		1	PUMP, HYDRAULIC Brake; Incl. 5A
5A		8604987		1	KIT Seal; Not Illustrated
6		895-11010		2	WASHER 11 x 20 x 2 mm
7		627-12035		2	SCREW M12 x 35
8		4896897		1	GASKET Brake Pump
10		86985892		1	GEAR Accessory Drive
11		425-138		1	NUT 1/2, Hex Slotted
12		701-320		1	ELBOW 13/16 OD; Incl. 13
13		238-6014		1	O-RING 1/2 ID x 1/16, Face Seal
14		87403644		1	HOSE, FLEXIBLE 1497 mm (58-15/16 in); Brake Pump Suction
15		214-1416		1	CLAMP 13/16 - 1-1/2
16		198828C1		1	GROMMET Not Illustrated
20		8605243		1	VALVE, BRAKE Brake Accumulator; Incl. 21; See Figure 07-07
22		892-11012		2	WASHER, LOCK M12
23		432-616		1	PIN, SPLIT (COTTER) ,094 x 1,00 in
24		515-24222		1	CLAMP 22,2 mm
25		515-24317		1	CLAMP 31,7 mm
26		627-10030		1	SCREW M10 x 30
28		700-162		1	CONNECTOR, HYD. 12 mm; Incl. 28A, 28B
28A		238-6014		1	O-RING 1/2 ID x 1/16, Face Seal
28B		637-64236		1	O-RING 23,9 x 2,9, Boss Seal
29		700-307		1	ELBOW 90 deg; Incl. 29A, 29B
29A		637-64236		1	O-RING 15,3 ID x 2,2, Boss Seal
29B		238-6018		1	O-RING 1/2 ID x 1/16, Face Seal
		REF			INSTRUCTION PARKING BRAKE TO VALVE
30		8602743		1	TEE 90 deg; Incl. 31
31		238-6011		1	O-RING 5/16 ID x 1/16, Face Seal
32		87426282		1	HOSE ASSY. 1221 mm (48-1/16 in); Parking Brake

MidWestTech | New Holland LW130.B Wheel Loader Parts Catalog | Publication 7-9082 Order the manual at mid-west-tech.com >

VALVE ASSY - PISTON AXIS - Z-BAR

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
		REF			INSTRUCTION TWO AND THREE SPOOL VALVES FOR Z-BAR MODELS
15		(8604575)		1	Incl. 15A, 15B; For REF 16, 17, 18
15A		NSS		4	NOT SERVICED SEPARATELY O-Ring; 25.07 x 2.62
15B		NSS		2	NOT SERVICED SEPARATELY Lock Nut; M8 x 1
16		8604576		2	COVER
17		(87311972)		1	
18		8605577		1	COVER
19		(864-5060)		2	M5 X 60; 8.8
20		(87311974)		2	M5 x 85; 10.9
21		(864-5055)		4	M5 x 55; 8.8
22		(8604578)		2	Throttle Check Valve
23		(87311975)		1	
24		(87311976)		1	
25		8604579		1	PISTON SPOOL
26		8604580		2	SPRING Compression
27		8604581		3	SCREW Plug; M22 x 1.5
28		8604582		2	RETAINER Spring
29		8604583		4	SPRING Compression
30		(87311984)		2	Retanier
31		(87311985)		1	
32		(87311986)		1	
33		8604584		1	PISTON SPOOL
34		(87311988)		1	SCREW
35		8604586		1	SPRING Compression
36		(87311990)		2	
37		(87311991)		1	

MidWestTech | New Holland LW130.B Wheel Loader Parts Catalog | Publication 7-9082 Order the manual at mid-west-tech.com >

AIR CONDITIONING

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
		REF			INSTRUCTION COMPRESSOR TO CAB BASE
1		86992613		1	COMPRESSOR Component Parts Not Serviced Separately
2		109239C2		1	VALVE Condenser
3		87408371		1	HOSE 3076 mm (121-1/8 in); Compressor To Condenser; Incl. 4 - 11
4		128485A1		1	O-RING 9/16 ID x 1/16
5		128483A1		1	O-RING
6		1250594C2		1	CORE
7		1250594C1		2	CORE
8		NSS		1	NOT SERVICED SEPARATELY
9		128485A1		1	O-RING 9/16 ID x 1/16
10		122081A1		1	FITTING
11		128484A1		1	O-RING 7/16 ID x 1/16
12		232948A1		1	SWITCH, PRESSURE High Pressure
13		87409202		1	HOSE 3311 mm (130-11/32 in); Compressor To Cab Base; Incl. 14 - 16
14		128485A1		1	O-RING 9/16 ID x 1/16
15		1250594C1		1	CORE
16		122553A1		1	CAP
17		198826C1		1	GROMMET 3/4 ID
18		198825C1		1	GROMMET 5/8 ID
19		86994112		1	HOSE 2000 mm (78-3/4 in); Condenser To Receiver-Drier; Incl. 20, 21
20		128484A1		1	O-RING 7/16 ID x 1/16
21		128483A1		1	O-RING 5/16 ID x 1/16
22		87426210		1	HOSE 1460 mm (57-1/2 in); Receiver-Drier To Cab; Incl. 23
23		128483A1		1	O-RING 5/16 ID x 1/16
24		L18337		1	STRAP
25		895-18010		1	WASHER 10,5 x 18 x 1,6 mm
26		140016		1	WASHER 9 x 16 x 1,6 mm

MidWestTech | New Holland LW130.B Wheel Loader Parts Catalog | Publication 7-9082 Order the manual at mid-west-tech.com >