



WHEEL LOADER

W130B

TIER 3

**SERVICE
MANUAL**

84249884

Issued 12 - 2009



W130B Wheel Loader Service Manual 84249884 (Replaces 87634759)

Table of Contents

Description	Section No.	Form No.
General Tab 1		
Section Index - General		5-7080
Standard Torque Specifications	1001	6-80470
Fluids and Lubricants	1002	5-7090
Metric Conversion Chart	1003	6-80690
Engines Tab 2		
Section Index - Engines		5-7100
Engine and Radiator Removal and Installation	2000	5-3370
Stall Tests	2002	5-7110
After Cooler	2003	5-7570
Engine		87519804
Fuel System Tab 3		
Section Index - Fuel System		5-7120
For Fuel System Repair, See the Engine Service Manual		87519804
Electrical Tab 4		
Section Index - Electrical		5-7130
Removal and Installation of Starter and Alternator	4001	5-3410
Electrical Specifications and Troubleshooting	4002	5-7140
Batteries	4003	6-49900
Instrument Cluster	4005	5-7620
Steering Tab 5		
Section Index - Steering		84299050 (Replaces 5-7150)
Removal and Installation of Steering Components	5001	5-7160
Steering Specifications, Pressure Checks, and Troubleshooting	5002	5-7170
Steering Cylinders	5005	5-3470
Center Pivot	5006	6-81350
Auxiliary Steering Motor and Pump	5007	6-72020
Joystick Steering	5009	5-17040

**W130B Wheel Loader
Service Manual 84249884
(Replaces 87634759)**

Table of Contents

Description	Section No.	Form No.
Power Train		
		Tab 6
Section Index - Power Train		84299051 (Replaces 5-7180)
Removal and Installation of Power Train Components	6001	5-7190
Transmission Specifications, Pressure Checks, and Troubleshooting	6002	5-3511
Transmission	6003	5-3520
Front Axle	6004	6-73300
Rear Axle	6004	6-73310
Rear Axle, Serial Number N8F203848 and After	6004	84249888
Drive Shafts, Center Bearing, and Universal Joints	6005	6-81430
Wheels and Tires	6006	6-81440
Transmission Control Valve	6007	6-81450
Brakes		
		Tab 7
Section Index - Brakes		5-7200
Removal and Installation of Brake Components	7001	5-3570
Hydraulic Brake Troubleshooting	7002	5-7210
Brake Pump	7003	5-3590
Brake Accumulators	7004	5-7220
Parking Brake	7008	5-3600
Hydraulics		
		Tab 8
Section Index - Hydraulics		5-7230
Removal and Installation of Hydraulic Components	8001	5-7240
Hydraulic Specifications, Troubleshooting, and Pressure Checks	8002	5-7250
Cleaning the Hydraulic System	8003	6-72200
Hydraulic Pump	8004	5-3640
Loader Control Valve	8005	6-81550
Cylinders	8006	6-81560
Coupler Solenoid Locking Valve	8007	6-72240
Load Travel Stabilization Accumulator	8013	5-7260
Load Travel Stabilization Valve	8014	6-81590

**W130B Wheel Loader
Service Manual 84249884
(Replaces 87634759)**

Table of Contents

Description	Section No.	Form No.
Mounted Equipment	Tab 9	
Section Index - Mounted Equipment		5-7270
Air Conditioning Troubleshooting and System Checks For Systems with HFC-134a Refrigerant	9002	5-4040
Air Conditioner System Service	9003	5-3700
Removal and Installation of Air Conditioning and Heater Components	9004	5-3710
Loader	9006	5-7280
Rollover Protective Structure (ROPS) Cab Structural Frame (CSF)	9007	5-7290
Cab Glass Installation	9010	5-3740
Electrical Schematic Foldouts and Hydraulic Schematic Foldout	In Rear Pocket	5-7300

NOTE: CNH America LLC reserves the right to make improvements in design or changes in specifications at any time without incurring any obligation to install them on units previously sold.

**Thank you very much
for your reading.**

**Please click here to buy
After you pay.**

**Then, you can
download the complete
manual instantly.
No waiting.**