SERVICE MANUAL

W270C / W300C Tier 4 Wheel loader

Print No. 84547255B



W270C W300C

Wheel Loader

84547255B

Use for Service Manual

W270C - W300C Wheel Loader Service Manual 84547255B

Table of Contents

Description	Section No.
General	Tab 1
Section Index - General	
Standard Torque Specifications	1001
Fluids and Lubricants	1002
Metric Conversion Chart	1003
Engines	Tab 2
Section Index - Engines	
Engine and Radiator Removal and Installation	2000
Stall Tests	2002
After Cooler	2003
For Engine Repair, See the Engine Service Manual 84394558	
Fuel System	Tab 3
Section Index - Fuel System	
For Fuel System Repair, See the Engine Service Manual 84394558	
SCR System	3002
Electrical	Tab 4
Section Index - Electrical	
Removal and Installation of Starter and Alternator	4001
Electrical Specifications and Troubleshooting	4002
Batteries	4003
Jump post option	4003a
Instrument Cluster	4005
Rear view Camera and Monitor	4006
Steering	Tab 5
Section Index - Steering	
Removal and Installation of Steering Components	5001
Steering Specifications, Pressure Checks, and Troubleshooting	5002
Steering Cylinders	5005
Center Pivot	5006

W270C - W300C Wheel Loader Service Manual 84547255B

Table of Contents

Description	Section No.
Auxiliary Steering Motor and Pump	5008
Joystick Steering System (JSS) (Optional)	5009
Power Train	Tab 6
Section Index - Power Train	
Removal and Installation of Power Train Components	6001
Transmission Specifications, Pressure Checks, and Troubleshooting	6002
Transmission	6003
Front Axle	6004
Rear Axle	6004
Drive Shafts, Center Bearing, and Universal Joints	6005
Wheels and Tires	6006
Transmission Control Valve	6007
Brakes	Tab 7
Section Index - Brakes	I QIQ I
Removal and Installation of Brake Components	7001
Hydraulic Brake Troubleshooting	7002
Brake Pump	7002
Brake Accumulators	7003
Parking Brake	700-
raiking blake	7000
Hydraulics	Tab 8
Section Index - Hydraulics	
Removal and Installation of Hydraulic Components	8001
Hydraulic Specifications, Troubleshooting, and Pressure Checks	8002
Cleaning the Hydraulic System	8003
Hydraulic Pump	8004
Loader Control Valve	8005
Cylinders	8008
Ride Control Accumulator	8013
Ride Control Valve	8014

W270C - W300C Wheel Loader Service Manual 84547255B

Table of Contents

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

It's a preview. You can download the full file by clicking the link below.

https://shopservicemanual.com/

Service Manuals from 2\$