

Service Manual

New Generation AC Reach Truck

Developed and Collected By:

Done Information.

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Revision Level: 1

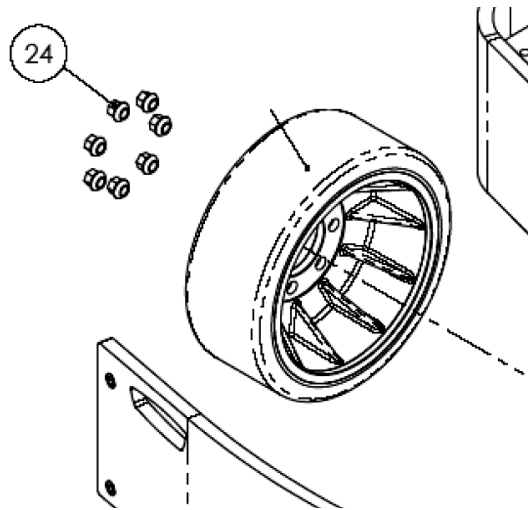


Figure: 3.4 Drive wheel nuts

The load wheels are located at the ends of the support legs. The main purpose of the load wheels is to support the weight of the mast and load. Depending on the truck model, there are either narrow or wide load wheels on each leg side.

Below is a figure portraying the construction of load wheels without the load wheel brakes:

LCD Heater ControlRange/value: **ON/OFF**

Display heater control enabled or disabled.

Sound EffectsRange/value: **ON/OFF**

Display sound effect enabled or disabled.

PreHeight SetupRange/value: **ON/OFF**

Pre-height selector setup enabled or disabled.

When disabled, programming the pre-height selector is not possible.

Performance SetupRange/value: **ON/OFF**

Performance setup enabled or disabled.

When disabled, adjusting the max. traction speed in the operator mode is not possible.

Battery Cell CheckRange/value: **ON/OFF**

Battery cell check enabled or disabled.

Height Multiplier**Default 3.75, do not change!**

Height multiplier converts mast encoder pulses to millimetres.

4.15.3 Truck Parameters**BDI Curve****0...9**

Battery discharge curve selection



Figure: 6.5 Spring positions

Use three temporary screws as table supports. Turn only two turns each. Glue the three air gap springs to their positions on the brake ring with Loctite 270.



Figure: 6.6 Wheel position over brake ring

Lower the wheel over the assembly slowly and parallel to the table.

Full Version Available

Caterpillar NR16N Reach Truck Service and Schematic Manual (WHSM0013)

Caterpillar NR16N Reach Truck service manual, covers mast, hydraulics, drive systems, wiring, and diagnostics. Searchable PDF download.

[VIEW THE FULL MANUAL](#)