2010-2016 Land Rover Discovery - Front Wheel

2010-2016 Land Rover Discovery | Advanced | 2-3 hours | $270 DIY

TOOLS

Trolley Jack Axle Stands Socket Set (8mm - 32mm) Breaker Bar (" drive, 600mm long) Impact Driver (" drive) Torx Drive Bits Torque Wrench (at least 350Nm capacity) 3lb Hammer or Larger 25mm Steel Rod (approximately 300mm long) Copper Grease

PARTS

Front Wheel Hub Assembly LR014147 $250.00
Hub Nut M24 x 1.5 RFD500020 $20.00

STEPS

1. **Loosen lugs and support the vehicle - On level ground, crack the wheel lug nuts loose on** the 2010-2016 Land Rover Discovery 4. Chock the opposite wheels, jack at the approved lift point, and support with jack stands. Remove the wheel. Wear gloves and eye protection.
2. **Remove brakes and free the hub area - Remove the brake caliper and hang it with a** hook/wire - do not let it dangle by the hose. Remove the caliper bracket and rotor. On FWD/AWD, remove the axle nut and separate the axle from the hub if it passes through the bearing; support...
3. **Disconnect knuckle attachments as needed - Unbolt the ABS wheel-speed sensor and any dust** shields. Separate the tie-rod end and/or ball joint(s) only as required for hub/knuckle access on this 2010-2016 Land Rover Discovery 4 design. Mark camber/alignment eccentrics if present.
4. **Remove the old hub bearing assembly - Remove the hub-face bolts (or press the bearing** from the knuckle if it is a pressed-in design). Tap the hub loose with a soft mallet if stuck - never hammer the ABS ring or bearing race directly. Compare the new hub/bearing to the old un...
5. **Install the new bearing/hub - Clean the knuckle bore/mounting face. Install the new hub** assembly or press the new bearing squarely with the correct drivers - apply force only on the proper race. Torque hub bolts/axle nut to the specified values for the 2010-2016 Land...
6. **Reassemble, torque, and road-test - Reinstall rotor, bracket, and caliper; torque** fasteners to spec. Refit the wheel, lower the 2010-2016 Land Rover Discovery 4, and torque lugs in a star pattern. Road-test and listen for growl/hum; get an alignment if ball joints or tie rod...

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