2015-2023 Dodge Challenger - Front Wheel Bearing

2015-2023 Dodge Challenger | Advanced | 3-5 hours | $230 DIY

TOOLS

Floor jack, rated jack stands, wheel chocks, and a breaker bar Metric/SAE socket set, extensions, hex/Torx sockets, and trim tools as fitted Caliper hanger, dead-blow hammer, brass drift, and penetrating oil Torque wrench covering axle-nut and wheel-lug ranges Press or approved bearing driver set (bearing guide) / slide hammer or hub puller (hub assembly guide) ABS-safe electrical cleaner, wire brush, shop towels, and safety glasses/gloves

PARTS

Front wheel bearing kit for 2015-2023 Dodge Challenger; verify 2WD/4WD, engine, ABS encoder, and side fitment $180.00
New axle nut or prevailing-torque fastener for 2015-2023 Dodge Challenger; replace whenever the manufacturer requires $15.00
New wheel-speed sensor or retaining hardware only if inspection finds damage on 2015-2023 Dodge Challenger $35.00

STEPS

1. **Confirm diagnosis, fitment, and replacement parts - Confirm the noisy or loose corner on** the 2015-2023 Dodge Challenger, compare the new part with the removed assembly, and verify drivetrain, ABS encoder, brake package, and the manufacturer procedure before lifting the vehicle. Do not repla...
2. **Lift and remove the wheel - Park the 2015-2023 Dodge Challenger on level ground, chock** the opposite wheels, break the lug torque loose, lift at the approved point, and support the vehicle on stands. Remove the wheel and keep the lug nuts clean.
3. **Remove the brake and ABS components - Unbolt the caliper and hang it from the suspension,** remove the rotor, and unplug or unclip the wheel-speed sensor as applicable. Mark the harness route and keep brake dust and debris out of the hub area.
4. **Remove the old bearing or hub - Remove the caliper and rotor, disconnect the ABS sensor** as required, and remove the axle nut and hub fasteners without pulling on the sensor harness.
5. **Clean and install the replacement - Install the bearing with the correct orientation and** press only on the proper race; never hammer through the new bearing or load the ABS encoder ring.
6. **Torque and reassemble - Reinstall the rotor, caliper, sensor, and wheel on the 2015-2023** Dodge Challenger. Use a calibrated torque wrench for the vehicle-specific axle nut, hub bolts, and lug nuts; never use an impact gun for final torque and never reuse a one-ti...
7. **Verify ABS operation and road-test - Clear any stored ABS code only after diagnosing it,** perform a slow road test, then recheck lug torque and listen for noise. Stop if an ABS light, vibration, looseness, grinding, or pull remains.

TORQUE

Front axle nut 240 Nm 177 ft-lbs
Wheel lug nuts 150.5 Nm 111 ft-lbs
Hub mounting bolts 104.4 Nm 77 ft-lbs