

# FixItSmartly - Engine Inspection Guide

## Wheel Speed Sensor Replacement Checklist

Branded by FixItSmartly

Replacing a faulty wheel speed sensor can restore proper ABS and traction control function. Use this checklist to safely complete the replacement process:

### PREPARATION

- ☐ Safety gear on (gloves, goggles)
- ☐ Vehicle parked on level surface
- ☐ Parking brake engaged
- ☐ Wheel chocks placed behind tires
- ☐ Correct replacement sensor acquired
- ☐ Repair manual or torque specs available

### TOOLS READY

- ☐ Jack and jack stands
- ☐ Lug wrench
- ☐ Ratchet and socket set
- ☐ Flathead screwdriver or trim tool
- ☐ Torque wrench
- ☐ Multimeter (optional for pre-check)

### REMOVAL

- ☐ Loosen lug nuts slightly before lifting

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- ☐ Jack up the vehicle and secure with jack stands
- ☐ Remove wheel
- ☐ Locate and disconnect sensor wiring harness
- ☐ Remove mounting bolt(s)
- ☐ Carefully extract old sensor from hub

## INSTALLATION

- ☐ Clean mounting area with a rag
- ☐ Apply anti-seize compound (optional)
- ☐ Insert new sensor into mounting hole
- ☐ Reinstall and torque mounting bolt(s) to spec
- ☐ Reconnect sensor wiring harness
- ☐ Route and secure wiring away from moving parts

## FINAL STEPS

- ☐ Reinstall wheel and hand-tighten lug nuts
- ☐ Lower vehicle and torque lug nuts in star pattern
- ☐ Start engine and verify no ABS/traction lights
- ☐ Test drive to confirm fix

Pro Tip: Replacing sensors in pairs (left/right) may help maintain balanced performance.

Stay smart. Stay safe. Fix it rightFixItSmartly.