



STAR ONLINE PUBLICATION



Case Number: S2523000055 Rev B.

Release Date: February 2026

Symptom/Vehicle Issue: Mil-On/Check Engine Lamp (CEL), Antilock Brake System (ABS) Lamp, Diagnostic Trouble Code (DTCs).

Models Affected: 2025-2026 Ram 3500 (D2) with BNB and WLA sales codes.

Customer Complaint/Technician Observation: Customer may state Service ABS message displays in the instrument cluster along with CEL and ABS lights. Ignition may not shut off and transmission may not shift from park. Technician may find one or more of the following DTC(s):

C003A-62 - Right Rear Wheel Speed Sensor-Signal Compare Failure

C0037-62 - Left Rear Wheel Speed Sensor-Signal Compare Failure

C0037-2F - Left Rear Wheel Speed Sensor-Signal Erratic

C003A-2F - Right Rear Wheel Speed Sensor-Signal Erratic

Discussion:

<<<**NOTE**>>> This document applies to D2 with sales codes **BNB** electronic stability control and **WLA** dual rear wheels.

If the customer complaint and DTCs match the above, perform standard diagnostic for the fault codes. In addition, use a bore scope to inspect the sensor bore and tone wheel for signs of debris or damage that could disrupt or degrade the wheel speed sensor signal. Clean or replace components as needed.

C003A-2F and or C0037-2F review and perform any applicable Service Bulletins.

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

Contact STAR Center, or your Technical Assistance Center Via TechConnect, eCONTACT or Service Library entry if no solution is found.



STAR ONLINE PUBLICATION



C003A-62 and or C0037-62 persists as Active or Stored after regular diagnosis, replace the wheel speed sensor. Use StarParts to look up and order the most current part. The rear axle speed sensors are unique to their position.

Part number to be used based on the location must be AB level (at the time of this publication) or newer if the above codes persist:

68646345AB: WHEEL SPEED ABS Rear Left - SENSOR ASSY

68646344AB: WHEEL SPEED ABS Rear Right- SENSOR ASSY



This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

Contact STAR Center, or your Technical Assistance Center Via TechConnect, eCONTACT or Service Library entry if no solution is found.