

GENERIC · CHASSIS

C064D

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

C064D

Brake Pressure Sensor N Circuit/Open

The anti-lock brake system (ABS) module has detected an open circuit in the wiring for brake pressure sensor N, which is one of several pressure sensors used to monitor hydraulic brake pressure. This means the sensor's electrical path is broken, so the module cannot receive a valid pressure signal and will disable ABS and stability control functions as a safety precaution.

SYSTEM

Chassis

CODE TYPE

Generic (all makes)

SEVERITY

Medium

FIX DIFFICULTY

Intermediate

AREA

Brakes, steering and suspension

Symptoms you may notice

- ABS warning light illuminated on the dashboard
- Traction control or stability control warning light also on
- Often no symptoms besides the warning light
- Reduced or disabled ABS operation during hard braking
- Brake pedal may feel slightly different or require more effort in some vehicles
- Electronic parking brake or hill-start assist may be inoperative

Common causes, most likely first

- 1 Broken or chafed wire in the brake pressure sensor N circuit
- 2 Corroded or loose electrical connector at the sensor
- 3 Failed brake pressure sensor N
- 4 Faulty ABS control module internal circuit
- 5 Damaged wiring harness from road debris or improper previous repair
- 6 Poor ground connection shared with the ABS system

How to diagnose and fix it

- 1 Use a scan tool to read ABS codes and confirm C064D is current or history
- 2 Visually inspect the brake pressure sensor N connector and wiring for damage or corrosion
- 3 Disconnect the sensor and check for reference voltage and ground at the harness connector
- 4 Measure resistance of the sensor circuit wiring to locate an open circuit
- 5 Perform a wiggle test on the harness while monitoring sensor data to find intermittent opens
- 6 Replace the brake pressure sensor N if wiring checks out and the sensor is faulty
- 7 Clear codes and verify the repair with a test drive and live sensor data



Open Circuits Often Hide in Plain Sight

- A common oversight is replacing the ABS module when the actual fault is a simple broken wire near the sensor connector, so always check continuity first.
- The code can set intermittently due to a loose connector that only loses contact over bumps, so a wiggle test with live data is essential.
- Some vehicles use a shared pressure sensor for both ABS and stability control, so a failure can disable multiple systems and trigger several codes.
- Corrosion inside the connector pins is a frequent cause on vehicles driven in salt-belt regions, even when the outside looks clean.
- A weak battery or charging system fault can cause the ABS module to log false open-circuit codes, so check system voltage before condemning parts.

Can I keep driving with C064D?

You can usually drive the vehicle with this code, but the ABS and stability control systems are disabled, so avoid hard braking or slippery conditions and have the fault repaired promptly.

Tools that help

- OBD-II scan tool with ABS capability
- Digital multimeter
- Wiring diagram for the ABS circuit
- Test light
- Socket set and trim removal tools

Reading C064D

C	Chassis: brakes, steering and suspension.
0	Generic (SAE) code: it means the same thing on every OBD-II vehicle.
6	Brakes, steering and suspension.
4D	The exact fault within that area.

Often seen with

C0035 Left Front Wheel Speed Sensor Circuit Range/Performance · **C0040** Left Rear Wheel Speed Sensor Circuit · **C0050** Right Rear Wheel Speed Sensor Circuit Malfunction · **C064C** Brake Pressure Sensor M Range/Performance · **C064E** Brake Pressure Sensor N Circuit High



See it working

Watch the animated explainer [How ABS Works: Anti-Lock Brakes in X-Ray](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/c064d/>

