

GENERIC · CHASSIS

**C0562**

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

**C0562**

## Brake Pedal Position Sensor Supply Voltage Circuit/Open

C0562 means the electronic brake control module (EBCM) has detected an open circuit or abnormal voltage on the power supply wire feeding the brake pedal position sensor. The sensor itself may be fine; the module is reporting that the voltage it expects to see on that supply circuit is missing or out of range, which prevents it from reliably knowing where the brake pedal is.

SYSTEM

**Chassis**

CODE TYPE

**Generic (all makes)**

SEVERITY

**Medium**

FIX DIFFICULTY

**Intermediate**

AREA

**Brakes, steering and suspension**

### Symptoms you may notice

- Anti-lock brake (ABS) warning light illuminated on the dashboard
- Traction control or stability control warning light also on, since these systems share the brake pedal position signal
- Brake pedal feels normal but cruise control may not disengage when the pedal is pressed
- Reduced or disabled ABS and stability control function during braking
- Often no symptoms besides the warning light, with normal brake pedal feel and stopping performance
- In some vehicles, the transmission may not shift out of park or the brake lights may behave erratically

### Common causes, most likely first

- 1 Broken, chafed, or corroded wire in the brake pedal position sensor supply circuit
- 2 Loose or contaminated connector at the brake pedal position sensor or at the electronic brake control module
- 3 Failed brake pedal position sensor with an internal open on its supply side
- 4 Blown fuse or faulty relay feeding the sensor supply circuit
- 5 Poor ground connection shared by the sensor or the brake control module
- 6 Water intrusion or corrosion in the harness near the pedal assembly or firewall
- 7 Failed electronic brake control module (less common but possible)



## How to diagnose and fix it

- 1 Scan all modules for codes and record freeze-frame data to confirm C0562 is current and not history
- 2 Inspect the brake pedal position sensor connector and the EBCM connector for looseness, corrosion, or pushed-out pins
- 3 Check the fuse and relay that supply power to the brake pedal position sensor circuit, replacing any blown fuse after finding the cause
- 4 Measure voltage on the sensor supply wire with the key on and the connector unplugged, comparing to the manufacturer's specified range
- 5 Perform a voltage drop test on the supply wire and ground circuit while loaded to reveal a high-resistance open
- 6 Wiggle-test the harness while watching live sensor data to catch an intermittent open before condemning parts
- 7 If the circuit tests good, substitute a known-good sensor and recheck; replace the EBCM only after all wiring and sensor checks pass

## What the supply circuit code really tells you

- C0562 is a circuit code, not a sensor performance code, so replacing the brake pedal position sensor first often fails to fix it because the open is in the wiring or connector.
- A corroded connector pin or a chafed wire behind the pedal assembly is a far more common cause than a failed sensor or module, especially on older vehicles.
- The same supply circuit often feeds other sensors, so a shared fuse or splice can set C0562 together with codes for other systems.
- Intermittent C0562 that appears only over bumps or when the pedal is moved points to a harness flex point, not an internal sensor failure.
- Some vehicles will disable cruise control and hill-start assist when this code is set, even though base braking still works normally.

## Can I keep driving with C0562?

The base hydraulic brakes still work, so the car is driveable to a shop, but ABS and stability control may be disabled and should not be relied on in an emergency stop. Avoid towing, heavy loads, or slippery conditions until the circuit is repaired.

## Tools that help

- OBD-II scan tool with ABS and live-data capability
- Digital multimeter with voltage drop and continuity functions
- Back-probe pins or breakout box for connector testing
- Wiring diagram for the brake pedal position sensor circuit
- Fuse puller and test light



## Reading C0562

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

## Often seen with

**C0040** Left Rear Wheel Speed Sensor Circuit · **C0050** Right Rear Wheel Speed Sensor Circuit Malfunction · **C0561** ABS Disabled Warning Indicator Request · **C0563** Calibration Mismatch · **P0571** Brake Switch 'A' Circuit

## 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/c0562/>

