

GENERIC · CHASSIS

**C0569**

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

**C0569**

## Brake Booster Solenoid Circuit Performance

C0569 indicates the anti-lock brake system (ABS) module has detected a performance fault in the brake booster solenoid circuit, meaning the solenoid is not responding as expected during self-tests or commanded actuation. The computer monitors the circuit for abnormal current draw, voltage drop, or feedback signal and sets the code when the solenoid fails to meet the expected electrical or mechanical performance criteria.

SYSTEM

**Chassis**

CODE TYPE

**Generic (all makes)**

SEVERITY

**Medium**

FIX DIFFICULTY

**Professional**

AREA

**Brakes, steering and suspension**

### Symptoms you may notice

- Illumination of the ABS warning light, often accompanied by the traction control and stability control lights
- Reduced or loss of power brake assist, requiring noticeably higher pedal effort to stop the vehicle
- A hard or stiff brake pedal, especially during the first few applications after start-up
- Intermittent brake pedal pulsation or a momentary drop in pedal assist during driving
- Often no symptoms besides the warning light, with normal brake feel in many cases

### Common causes, most likely first

- 1 Faulty brake booster solenoid, including a shorted or open internal coil
- 2 Damaged, corroded, or disconnected wiring or connector at the solenoid or ABS module
- 3 High resistance or open circuit in the power or ground feed to the solenoid
- 4 Failed ABS control module driver circuit for the solenoid
- 5 Contaminated or degraded brake fluid causing solenoid valve sticking
- 6 Internal mechanical binding or wear in the brake booster solenoid assembly



## How to diagnose and fix it

- 1 Connect a scan tool and retrieve all ABS and related module codes to confirm C0569 is current and not history
- 2 Visually inspect the brake booster solenoid connector and wiring for corrosion, chafing, or loose pins
- 3 Measure resistance across the solenoid coil and compare to the manufacturer's specification
- 4 Check for battery voltage and ground at the solenoid connector with the key on and during commanded activation
- 5 Command the solenoid on and off with a bidirectional scan tool while monitoring current draw and listening for activation
- 6 If electrical checks pass, perform a brake booster solenoid functional test and inspect for mechanical binding
- 7 Replace the brake booster solenoid or ABS module as indicated, then clear codes and verify the repair with a road test

## What Most Techs Miss on C0569

- A weak or failing battery or charging system can cause the ABS module to set C0569 because the solenoid driver circuit needs stable voltage to perform its self-test.
- Corroded ground connections at the ABS module or chassis can mimic a failed solenoid, so always verify ground integrity before condemning the solenoid.
- The brake booster solenoid is often part of the ABS hydraulic unit on many vehicles, meaning a failed solenoid may require replacement of the entire assembly rather than a separate part.
- C0569 can be set by a momentary voltage spike or low-voltage event and may not indicate a hard failure; always check for history codes and freeze-frame data before replacing parts.
- After replacing the solenoid or ABS module, some vehicles require a calibration or bleed procedure with a scan tool to restore proper brake assist and clear the code permanently.

## Can I keep driving with C0569?

The vehicle remains drivable in most cases, but brake assist may be reduced, so increase following distance and avoid heavy braking until the fault is repaired. If the pedal feels hard or stopping power is noticeably diminished, limit driving to a safe location and arrange for professional diagnosis.

## Tools that help

- OBD-II scan tool with ABS and bidirectional control capability
- Digital multimeter
- Test light
- Wiring diagram for the ABS and brake booster solenoid circuit
- Socket and wrench set
- Brake fluid and bleeding equipment



### Reading C0569

- 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.
- 69** The exact fault within that area.

### Often seen with

**C0561** ABS Disabled Warning Indicator Request · **C0562** Brake Pedal Position Sensor Supply Voltage Circuit/Open · **C0563** Calibration Mismatch · **C0564** ABS Control Module System Voltage Low · **C0565** ABS Control Module System Voltage High

### See it working

Watch the animated explainer [Turbocharger Trainer: Boost, Wastegate and Intercooler](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/c0569/>

