

GENERIC · CHASSIS

C0075

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

C0075

Brake Pedal Position Performance

C0075 means the antilock brake system (ABS) module has detected a performance problem with the brake pedal position signal, typically comparing the pedal switch to the pedal position sensor and finding they do not agree. The computer sets this code when the two signals are inconsistent, stuck, or outside the expected range during a key-on or driving self-test.

SYSTEM	CODE TYPE	SEVERITY	FIX DIFFICULTY	AREA
Chassis	Generic (all makes)	Medium	Intermediate	Brakes, steering and suspension

Symptoms you may notice

- ABS warning light illuminated on the dashboard, often with the traction control light
- Brake pedal feels normal in most cases, with no change in stopping power
- Cruise control may become inoperative or disengage unexpectedly
- Brake lights may stay on constantly or fail to illuminate when the pedal is pressed
- Reduced or disabled ABS and traction control functions during hard braking
- Often no symptoms besides the warning light, especially on vehicles where the fault is intermittent

Common causes, most likely first

- 1 Faulty brake pedal position sensor or brake pedal travel sensor
- 2 Misadjusted or sticking brake pedal switch bracket
- 3 Worn or damaged brake pedal pivot bushings causing excessive play
- 4 Corroded, chafed, or open wiring in the brake pedal sensor circuit
- 5 Poor electrical connection at the ABS module or pedal sensor connector
- 6 Failed ABS control module with an internal fault in the pedal signal processing
- 7 Aftermarket floor mats or debris obstructing full brake pedal travel



How to diagnose and fix it

- 1 Scan all modules for stored and pending codes, and record freeze-frame data for C0075 before clearing anything
- 2 Visually inspect the brake pedal assembly, switch bracket, and sensor for looseness, debris, or aftermarket mats
- 3 Check the brake pedal position sensor and switch with a scan tool live data stream, comparing pedal pressed and released values
- 4 Perform a voltage drop and continuity test on the sensor signal, ground, and reference circuits back to the ABS module
- 5 Verify the brake pedal switch adjustment and confirm the brake lights operate correctly through the full pedal travel
- 6 If wiring and adjustment are correct, substitute a known-good sensor and recheck live data before condemning the ABS module
- 7 Clear codes, perform the required ABS calibration or relearn procedure, and road test to confirm the repair

What most technicians miss on C0075

- A brake pedal position sensor that reads correctly at rest but drops out only during rapid pedal movement will often pass a static scan-tool test and still set C0075 on the road.
- The brake light switch and the brake pedal position sensor are separate components on many vehicles, and a faulty switch can cause the ABS module to see conflicting pedal states even though the sensor itself is fine.
- Aftermarket floor mats or a driver's habit of resting a foot on the brake pedal can hold the pedal slightly off its rest stop and trigger this code intermittently.
- A weak or failing battery can cause the ABS module to log C0075 during cranking when voltage drops below the threshold the module needs to validate the pedal signal.
- C0075 does not always mean the ABS module is bad; a chafed wire near the pedal assembly or a corroded ground can produce identical live-data symptoms.

Can I keep driving with C0075?

The vehicle remains safe to drive in normal conditions because the base hydraulic brakes are unaffected, but avoid relying on ABS or traction control and do not tow or drive in slippery conditions until the fault is repaired. If the brake lights are stuck on or the pedal feels abnormal, stop driving and have the system inspected immediately.



Tools that help

- OBD-II scan tool with ABS live-data capability
- Digital multimeter with back-probe pins
- Brake pedal switch adjustment tools or feeler gauges
- Vehicle-specific service information for ABS calibration procedures
- Basic hand tools for trim and pedal assembly access

Reading C0075

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

Often seen with

C0040 Left Rear Wheel Speed Sensor Circuit · **C0050** Right Rear Wheel Speed Sensor Circuit Malfunction · **C0076** PWM for Traction Control · **C0077** Low Tire Pressure · **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/c0075/>

