

GENERIC · CHASSIS

C060B

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

C060B

Left Park Brake Actuator Control Circuit/Open

C060B indicates that the electronic parking brake control module has detected an open circuit in the wiring for the left park brake actuator, meaning the electrical path to that motor is broken. The module commands the actuator to apply or release, but it sees no current flow or an incomplete circuit, so it sets this code and may disable the left parking brake function.

SYSTEM

Chassis

CODE TYPE

Generic (all makes)

SEVERITY

Medium

FIX DIFFICULTY

Intermediate

AREA

Brakes, steering and suspension

Symptoms you may notice

- Parking brake warning light illuminated on the dashboard
- Left rear parking brake may not apply or release, causing uneven holding force
- Audible warning chime or message on the driver information display
- Electronic parking brake switch may feel unresponsive or require multiple presses
- Often no symptoms besides the warning light, especially if the fault is intermittent
- Vehicle may roll slightly when parked on an incline if the left actuator fails to engage

Common causes, most likely first

- 1 Broken or corroded wire in the left park brake actuator circuit
- 2 Disconnected or damaged electrical connector at the left park brake actuator
- 3 Failed left park brake actuator motor (open winding or internal fault)
- 4 Water intrusion or corrosion in the connector or wiring harness
- 5 Faulty electronic parking brake control module (less common)
- 6 Rodent damage or physical damage to the wiring harness



How to diagnose and fix it

- 1 Inspect the left park brake actuator connector and wiring for visible damage, corrosion, or disconnection
- 2 Disconnect the actuator connector and check for battery voltage and ground on the control circuit during activation
- 3 Measure resistance of the left park brake actuator motor and compare to the right side or specification
- 4 Perform a wiggle test on the harness while monitoring actuator operation to detect intermittent opens
- 5 Check for continuity and resistance on the control circuit between the module and actuator
- 6 If wiring and actuator test good, diagnose the electronic parking brake control module for internal open circuit
- 7 Repair or replace the faulty wiring, connector, actuator, or module as needed, then clear codes and verify operation

Before you replace the park brake actuator

- A common oversight is assuming the actuator is faulty when the real problem is a corroded connector or chafed wire hidden behind the wheel arch liner.
The code can be set by a momentary open circuit caused by vibration or water intrusion, so an intermittent fault may not be present during a static test.
- Some vehicles require a scan tool to retract the electronic parking brake before service; attempting manual retraction can damage the actuator and set this code.
- The electronic parking brake module may set C060B if the actuator motor is mechanically seized, because the module interprets the lack of movement as an open circuit.
Always check for related codes in the electronic parking brake system, as a module power or ground fault can cause multiple actuator circuit codes simultaneously.

Can I keep driving with C060B?

You can usually drive the vehicle, but the left parking brake may not hold, so avoid parking on steep inclines and use wheel chocks if necessary. Have the fault diagnosed soon to prevent further damage to the parking brake system.

Tools that help

- OBD-II scan tool with electronic parking brake capabilities
- Digital multimeter
- Wiring diagram for the electronic parking brake system
- Trim removal tools
- Jack and jack stands



Reading C060B

- 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.
- 0B** The exact fault within that area.

Often seen with

C060A Park Brake Switch Stuck · **C060C** Left Park Brake Actuator Control Circuit Low · **C060D** Left Park Brake Actuator Control Circuit High · **C0610** Vehicle Communication Bus E (Chassis Bus)

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/c060b/>

