



P04CD

Fuel Fill Door Open Request Sensor/Switch Stuck On

P04CD indicates that the fuel fill door open request sensor or switch has been detected as stuck in the 'on' position for longer than the module expects. The computer sees a continuous request to open the fuel door even when no command is present, which can affect fuel system pressure release and refueling logic.

SYSTEM	CODE TYPE	SEVERITY	FIX DIFFICULTY	AREA
Powertrain	Generic (all makes)	Low	Intermediate	Auxiliary emission controls

Symptoms you may notice

- The fuel fill door may not open when commanded, or may open unexpectedly.
- A warning light on the dashboard, often accompanied by a message about the fuel door.
- The fuel door may appear to be unlatched or not flush with the body.
- Refueling may be difficult because the filler neck flap does not release.
- Often no symptoms besides the warning light, especially if the switch is only intermittently stuck.
- The remote fuel door release button may not work or may work intermittently.

Common causes, most likely first

- 1 A faulty fuel fill door open request switch that is mechanically stuck or electrically shorted.
- 2 A stuck or binding fuel fill door latch assembly that keeps the switch engaged.
- 3 Wiring damage such as a short to voltage or ground in the circuit between the switch and the control module.
- 4 A malfunctioning body control module (BCM) or fuel door control module that misinterprets the switch signal.
- 5 Contamination or debris (dirt, ice, or corrosion) in the switch or latch mechanism causing it to stick.
- 6 A misadjusted fuel door striker or hinge that holds the switch in the 'on' position.



How to diagnose and fix it

- 1 Inspect the fuel fill door and latch for physical obstructions, debris, or ice that could keep the switch engaged.
- 2 Disconnect the fuel fill door switch and check for continuity or resistance changes when manually operating the switch.
- 3 Check the wiring harness for shorts to voltage or ground, and repair any damaged wires.
- 4 Test the switch signal at the control module connector to confirm the module is receiving the correct input.
- 5 If the switch tests good, verify the control module is not falsely triggering the code by checking for software updates or known issues.
- 6 Replace the faulty fuel fill door switch or latch assembly if it fails testing.
- 7 Clear the code and perform a road test to confirm the repair and ensure the code does not return.

Don't overlook the fuel door switch

- A stuck fuel fill door switch can prevent the fuel system from depressurizing, leading to refueling issues that owners mistakenly attribute to the fuel cap or EVAP system.
The code may set intermittently due to a switch that sticks only in cold weather or after exposure to moisture, so a thorough inspection in different conditions is wise.
- A shorted wire in the fuel door circuit can mimic a failed switch, so always check the harness before replacing parts.
- Some vehicles use the same switch to detect both open and closed positions, and a misadjusted striker can cause the switch to remain in the 'open request' state.
The body control module may set this code if it receives a continuous 'open' request for more than a calibrated time, even if the switch itself is not defective.

Can I keep driving with P04CD?

The vehicle is generally safe to drive with this code because it does not affect engine performance or safety systems. However, avoid forcing the fuel door open manually, as that can damage the latch, and have the issue addressed soon to prevent refueling problems.

Tools that help

- OBD-II scan tool
- Digital multimeter
- Trim removal tool
- Service manual or wiring diagram



Reading P04CD

- P** Powertrain: engine, transmission and emissions.
- 0** Generic (SAE) code: it means the same thing on every OBD-II vehicle.
- 4** Auxiliary emission controls.
- CD** The exact fault within that area.

Often seen with

P0455 EVAP System Leak Detected (Large) · **P0456** Evaporative Emission System Leak Detected (very small leak) · **P0457** Evaporative Emission System Leak Detected (fuel cap loose/of · **P04CE** EGR Temperature Sensor C Circuit · **P04CF** EGR Temperature Sensor C Circuit Range/Performance

See it working

Watch the animated explainer [How a Starter Motor Works: Pre-Engaged Starter](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/p04cd/>

