

GENERIC · BODY

B0272

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

B0272

Power Door Lock Switch Circuit

B0272 indicates that the body control module (BCM) has detected an abnormal condition in the power door lock switch circuit for one or more doors. The BCM monitors the switch input and sets this code when the voltage on the circuit is outside the expected range, often because the switch is stuck, the wiring is damaged, or the BCM itself has an internal fault.

SYSTEM	CODE TYPE	SEVERITY	FIX DIFFICULTY	AREA
Body	Generic (all makes)	Low	Intermediate	Airbags, seats, doors, lights and comfort systems

Symptoms you may notice

- One or more power door locks may not respond when using the interior switch or key fob
- The door lock switch may feel stuck or not click properly
- The locks may operate intermittently or only in one direction
- The security system may not arm or disarm properly because it relies on lock status
- Often no symptoms besides the warning light, especially if the fault is in a secondary switch circuit

Common causes, most likely first

- Faulty power door lock switch (most common, especially on high-use doors)
- Damaged wiring or connector at the door lock switch or door jamb boot
- Corroded or loose ground connection for the door lock circuit
- Failed body control module (BCM) or door control module
- Aftermarket alarm or keyless entry system improperly installed
- Water intrusion into the door or switch assembly causing short or open circuit

How to diagnose and fix it

- Verify the code with a scan tool and check for any related body codes
- Inspect the door lock switch for physical damage, sticking, or contamination
- Disconnect the switch and check for continuity and correct resistance in both lock and unlock positions
- Check wiring and connectors between the switch and BCM for chafing, corrosion, or loose pins
- Test the ground circuit for the door lock switch with a multimeter
- If all else checks out, perform a BCM diagnostic test or substitute a known-good module
- Repair or replace the faulty component and clear the code, then verify proper lock operation



Before you replace the door lock switch

- A common misdiagnosis is replacing the switch when the real problem is a broken wire in the door jamb boot, which flexes every time the door opens and closes.
- Aftermarket alarm systems or remote starters that tap into the door lock circuit can backfeed voltage and set this code even when the factory switch is fine.
- The BCM may set B0272 if the door lock switch is left in the lock or unlock position for an extended period, so check for a stuck switch before condemning the module.
- Water leaks from a failed window seal or clogged sunroof drain can corrode the switch connector and cause intermittent faults that only appear in wet weather.
- On some vehicles, the door lock switch shares a ground with other door functions, so a bad ground can set multiple body codes including B0272.

Can I keep driving with B0272?

This code does not affect engine operation or safety-critical systems, so you can continue driving. However, if the locks fail to secure the vehicle, avoid leaving valuables inside and have the fault repaired promptly to maintain security and convenience.

Tools that help

- OBD-II scan tool with body code capability
- Digital multimeter
- Trim removal tool
- Test light
- Wiring diagram for the specific vehicle

Reading B0272

B	Body: airbags, seats, doors, lights and comfort systems.
0	Generic (SAE) code: it means the same thing on every OBD-II vehicle.
2	Airbags, seats, doors, lights and comfort systems.
72	The exact fault within that area.

Often seen with

B0273 HVAC Recirculation Door Circuit · **B0274** Trunk Lid Release Switch Circuit



See it working

Watch the animated explainer [Readiness Monitors and the OBD-II Drive Cycle](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/b0272/>

