

GENERIC · NETWORK

U0202

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

U0202

Lost Communication With 'Door Control Module D'

U0202 is a network communication fault indicating that the vehicle's main control modules have stopped receiving regular status messages from the door control module designated as 'D' on the controller area network (CAN) bus. The computer has detected that the expected periodic frames from that specific door module are missing, which can be caused by a power, ground, or data-bus problem rather than a failed module.

SYSTEM	CODE TYPE	SEVERITY	FIX DIFFICULTY	AREA
Network	Generic (all makes)	Medium	Intermediate	Lost communication with a control module

Symptoms you may notice

- The warning light (often a door-ajar or general network fault indicator) illuminates on the dashboard.
- One or more doors may fail to lock or unlock with the central locking system or key fob.
- The interior dome light may not turn on when that door is opened, or may stay on continuously.
- Power window or mirror controls on the affected door may become inoperative.
- The driver information center may display a message about a door module or network communication fault.
- Often no symptoms besides the warning light, especially if the affected door's basic functions still work through a backup path.

Common causes, most likely first

- A blown fuse or poor connection in the power feed to door control module D.
- Corroded, loose, or damaged ground connection at the door module or door hinge area.
- Broken or chafed wires in the flexible harness that passes through the door jamb, a very common failure point.
- Water intrusion into the door module connector or into the module housing itself, causing corrosion or short circuits.
- A failed door control module D, though this is less common than wiring faults.
- A fault on the CAN bus wiring (shorted, open, or high resistance) that isolates module D from the rest of the network.
- Low battery voltage or a charging system issue that causes modules to drop offline intermittently.



How to diagnose and fix it

- 1 Verify battery voltage and charging system output; a weak battery can cause multiple modules to set communication codes.
- 2 Check all fuses that supply the door control module D, including those in the interior fuse box and any underhood fuse box, and replace any blown fuse after finding the cause.
- 3 Inspect the door jamb harness for chafed, broken, or corroded wires, flexing the harness while watching live data to catch intermittent faults.
- 4 Disconnect the door module connector and check for water intrusion, corrosion, or pushed-out pins; clean and dry as needed.
- 5 Measure power and ground at the door module connector with a multimeter or test light to confirm the module is receiving proper voltage and a good ground.
- 6 Use a scan tool to check for communication on the CAN bus at the module connector; if the bus is dead, trace the CAN wiring back toward the main gateway or body control module.
- 7 If all power, ground, and bus checks pass, substitute a known-good module of the same part number to confirm the original module has failed before replacement.

Door jamb wiring fails more often than modules

- The flexible rubber boot between the door and body is the most common place for wires to break from repeated flexing, and the break is often hidden inside the insulation.
- A door module that sets U0202 may still operate its window and lock functions locally, which fools people into thinking the module is fine when the communication fault is a bus or power issue.
- Water leaks from a clogged sunroof drain or a failed window seal can drip directly onto the door module connector and cause intermittent communication loss.
- Some vehicles use a separate body control module to relay door module messages, so a fault in that gateway module can set U0202 even when the door module itself is healthy.
- After repairing the wiring or replacing the module, the code may need to be cleared and a network re-learn or module configuration procedure performed before communication is fully restored.

Can I keep driving with U0202?

You can usually drive the vehicle with U0202 set, but do not ignore it because the affected door may not lock or unlock reliably and the interior lights may stay on and drain the battery. Avoid parking in insecure areas until the fault is repaired, and have the wiring checked promptly if the door functions are intermittent.



Tools that help

- OBD-II scan tool with live data and network communication capability
- Digital multimeter
- Test light
- Wire probe or back-probe kit
- Trim removal tools for door panel access
- Electrical contact cleaner and dielectric grease

Reading U0202

U	Network: communication between the vehicle's control modules.
0	Generic (SAE) code: it means the same thing on every OBD-II vehicle.
2	Lost communication with a control module.
02	The exact fault within that area.

Often seen with

U0140 Lost Communication With Instrument Panel Cluster · **U0155** Lost Communication With Body Control Module · **U0200** Lost Communication With 'Door Control Module B' · **U0201** Lost Communication With 'Door Control Module C' · **U0203** Lost Communication With 'Door Control Module E'

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/u0202/>

