

GENERIC · NETWORK

U0076

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

U0076

Control Module Communication Bus "C" Off

U0076 is a generic network code indicating that a control module has detected the communication bus designated 'C' is off or not responding. The module that set the code cannot exchange data with other modules on that bus, which can disable functions ranging from dashboard warnings to engine management.

SYSTEM	CODE TYPE	SEVERITY	FIX DIFFICULTY	AREA
Network	Generic (all makes)	Medium	Professional	Network wiring and bus faults

Symptoms you may notice

- Multiple warning lights illuminated simultaneously, often including ABS, airbag, and traction control
- The engine may start and run, but other electronic features like stability control or climate control may be inoperative
- Intermittent or complete failure of dashboard displays, radio, or other convenience systems
- The vehicle may enter limp mode or refuse to start if the bus carries critical powertrain data
- Often no symptoms besides the warning light, especially if the affected bus is not essential for basic driving
- Scan tool cannot communicate with one or more modules on bus 'C'

Common causes, most likely first

- Damaged or corroded wiring harness on the bus 'C' network, often from chafing or rodent damage
- A control module on bus 'C' has failed and is pulling the bus down or not transmitting
- Loose or corroded connector pins at any module or inline harness connector on the bus
- Open or short circuit in the bus wiring, including a short to ground or power
- Failed termination resistor inside a module, disrupting bus voltage levels
- Low battery voltage or poor grounds causing modules to drop offline intermittently
- Aftermarket accessories improperly tapped into the bus wiring



How to diagnose and fix it

- 1 Perform a full scan of all modules to identify which modules are communicating and which are not, noting any other U-codes
- 2 Check battery voltage and condition, and verify all grounds are clean and tight
- 3 Inspect the wiring harness and connectors at each module on bus 'C' for damage, corrosion, or loose pins
- 4 Measure bus resistance and voltage at the diagnostic link connector to check for proper termination and shorts
- 5 Disconnect modules one at a time to see if bus communication is restored, isolating a faulty module
- 6 Repair or replace damaged wiring or connectors, then clear codes and verify communication
- 7 If a module is found to be pulling the bus down, replace it and perform any required programming

When bus C goes silent

- A single failed module can take down the entire bus 'C' network, so disconnecting modules one by one is often the fastest way to isolate the culprit.
- Many technicians replace the module that set U0076 when the real problem is a chafed wire elsewhere on the bus, so always inspect the harness first.
- Bus 'C' is not always the same physical network across makes; consult the specific vehicle's network topology before probing wires.
- Intermittent U0076 codes often trace to a loose ground or low battery voltage rather than a hard wiring fault.
- Aftermarket alarms or radio installations frequently tap into bus wiring and cause communication faults that appear as U0076.

Can I keep driving with U0076?

If the vehicle drives normally and only the warning light is on, you can usually drive to a repair shop, but avoid long trips or towing. If multiple systems are disabled or the engine runs poorly, stop driving and have the vehicle towed to prevent unsafe operation.

Tools that help

- OBD-II scan tool with full system capability
- Digital multimeter
- Wiring diagram for the specific vehicle
- Breakout box or back-probe kit
- Hand tools for trim and connector removal



Reading U0076

- U** Network: communication between the vehicle's control modules.
- 0** Generic (SAE) code: it means the same thing on every OBD-II vehicle.
- 0** Network wiring and bus faults.
- 76** The exact fault within that area.

Often seen with

U0001 Loss of Bus Communication · **U0073** CAN Bus A Communication Bus Off · **U0100** Lost Communication With ECM/PCM A · **U0121** Lost Communication With Anti-Lock Brake System (ABS) Control · **U0140** Lost Communication With Instrument Panel Cluster

See it working

Watch the animated explainer [How a MAP Sensor Works: Engine Vacuum and Load](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/u0076/>

