



U0057

Vehicle Communication Bus D (+) Open

U0057 means the vehicle's communication bus, specifically the D (+) data line, is open or disconnected somewhere in the network. The computer that set this code tried to communicate over that bus and detected no voltage or signal on the positive data wire, so it flagged the circuit as open.

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

- Multiple warning lights on the dashboard, often including the check engine light, ABS, and airbag lights
- The engine may start and run, but other modules like the transmission or body control module may be unresponsive
- Intermittent or complete failure of features controlled by networked modules, such as power windows, radio, or climate control
- The scan tool may fail to communicate with one or more control modules
- Often no symptoms besides the warning light if the open is on a non-critical branch of the bus

Common causes, most likely first

- 1 Broken or chafed wire in the D (+) data bus circuit, often at a flex point or near a connector
- 2 Corroded or loose pins in a bus connector, especially in areas exposed to moisture
- 3 Failed control module that internally shorts or opens the bus line
- 4 Damaged splice pack or junction connector where multiple bus segments meet
- 5 Aftermarket accessory improperly tapped into the bus wiring
- 6 Rodent damage to the wiring harness

How to diagnose and fix it

- 1 Connect a scan tool and check which modules can and cannot communicate to narrow down which bus segment is open
- 2 Inspect the D (+) wire at each module connector for corrosion, loose pins, or pushed-out terminals
- 3 Measure resistance and voltage on the D (+) circuit at each module to find where the signal drops out
- 4 Disconnect modules one at a time to see if the bus returns to normal, isolating a faulty module
- 5 Check splice packs and junction connectors for water intrusion or loose terminals
- 6 Repair or replace the damaged section of wire and re-test communication with all modules
- 7 Clear the code and verify the bus is stable after a test drive



What most technicians miss on a U0057

- A single failed module can pull the entire D (+) bus down, so disconnecting modules one by one is often faster than chasing wires.
- The D (+) line is one half of a twisted pair; an open on the D (-) line will set a different code, so confirm which wire is actually open before repairing.
- Aftermarket alarms, remote starters, or dash cams tapped into the bus are a common cause that owners forget to mention.
- Water intrusion in a connector far from the module that set the code can be the real fault, so inspect the whole bus path.
- A U0057 can be stored by a module that is itself failing, so replacing the module that set the code without testing the bus first is a misdiagnosis trap.

Can I keep driving with U0057?

The vehicle may still start and drive, but communication failures can disable safety systems like ABS or airbags, so limit driving to a short distance to a repair shop and avoid relying on features controlled by the affected bus.

Tools that help

- OBD-II scan tool with live data and module communication capability
- Digital multimeter
- Wiring diagram for the vehicle's communication bus
- Terminal pick and connector release tools
- Wire repair kit with crimp connectors and heat shrink

Reading U0057

- 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.
- 57** The exact fault within that area.

Often seen with

U0001 Loss of Bus Communication · **U0056** Vehicle Communication Bus D (Performance) · **U0058** Vehicle Communication Bus D (+) Low · **U0100** Lost Communication With ECM/PCM A · **U0140** Lost Communication With Instrument Panel Cluster



See it working

Watch the animated explainer [How Hydraulic Brakes Work: Pedal to Caliper](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/u0057/>

