

GENERIC · NETWORK

U0576

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

U0576

Invalid Data Received From Lighting Driver Control Module C

U0576 is a communication fault indicating that a control module on the vehicle's network received invalid or corrupted data from Lighting Driver Control Module C. The computer detected a message from that module that failed its internal checksum or contained out-of-range values, so it flagged the data as untrustworthy rather than treating it as a valid command.

SYSTEM	CODE TYPE	SEVERITY	FIX DIFFICULTY	AREA
Network	Generic (all makes)	Medium	Professional	Network communication

Symptoms you may notice

- Illumination of the malfunction indicator lamp (MIL) or a message on the driver information center
- One or more exterior lighting functions may not work, such as headlamps, turn signals, or brake lights
- Interior lighting or dashboard backlighting may behave erratically or fail to dim
- Lighting-related warning messages or a chime may appear when a light is turned on
- Often no symptoms besides the warning light, especially if the affected lighting circuit is not currently in use

Common causes, most likely first

- 1 Corroded, loose, or damaged connector pins at Lighting Driver Control Module C or its harness
- 2 Chafed or open wiring in the controller area network (CAN) bus or local interconnect network (LIN) circuit feeding the module
- 3 A failing Lighting Driver Control Module C, often due to internal circuit board faults or water intrusion
- 4 Low or unstable battery voltage causing the module to transmit corrupted data frames
- 5 A software or calibration issue in the lighting driver module or a related body control module
- 6 Electrical interference from aftermarket lighting accessories or poor grounds shared with the lighting circuit



How to diagnose and fix it

- 1 Verify battery voltage and charging system output, as low voltage is a common cause of invalid data frames
- 2 Inspect and clean the connectors and pins at Lighting Driver Control Module C, looking for corrosion or pushed-out terminals
- 3 Check the wiring harness for chafing, especially where it passes through body seams or near moving components
- 4 Use a scan tool to read live data and confirm whether the module is communicating at all or only intermittently
- 5 Perform a voltage drop test on the module's power and ground circuits to rule out resistance faults
- 6 If wiring and power are good, substitute a known-good module or reflash the existing module with the latest calibration
- 7 Clear the code and road-test the vehicle to confirm the fault does not return

What invalid data from a lighting module really means

- A U0576 does not automatically mean the lighting driver module is dead; a single corrupted frame from a low battery or a loose ground can set it, so always check power and grounds first.
- Aftermarket LED or HID lighting kits can introduce electrical noise that corrupts data on the lighting bus, causing this code even when factory components are healthy.
- The module may still operate its lights correctly while sending invalid data, so a working lamp does not rule out a communication fault.
- Water intrusion into a lighting driver module mounted low in the body is a frequent hidden cause, especially after heavy rain or car washes.
- This code can be stored alongside U-codes for other modules on the same bus, which often points to a shared power or ground fault rather than multiple failed modules.

Can I keep driving with U0576?

The vehicle is generally safe to drive if all exterior lights work, but avoid driving at night or in poor visibility until the fault is repaired because lighting functions may fail intermittently. If any required lamp is out, treat the vehicle as unsafe for road use and repair it promptly.

Tools that help

- OBD-II scan tool with live data and module communication capability
- Digital multimeter for voltage and resistance checks
- Wiring diagram for the lighting driver control module circuit
- Terminal pick and contact cleaner for connector repair
- Test light or logic probe for quick circuit verification



Reading U0576

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

Often seen with

U0100 Lost Communication With ECM/PCM A · **U0140** Lost Communication With Instrument Panel Cluster · **U0155** Lost Communication With Body Control Module · **U0575** Invalid Data Received From Lighting Driver Control Module B · **U0577** Invalid Data Received From Lighting Driver Control Module D

See it working

Watch the animated explainer [How a Catalytic Converter Works: 3D Cutaway](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/u0576/>

