

GENERIC · NETWORK

U0574

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

U0574

Invalid Data Received From Lighting Driver Control Module A

U0574 means the module that coordinates your vehicle's network received data from the lighting driver control module A that failed its internal validity check, so the message was rejected as untrustworthy. The lighting driver control module A is the smart module that directly operates exterior lighting circuits, and the receiving module detected that the data did not match expected values or checksum rules.

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

Symptoms you may notice

- The warning light (check engine or service vehicle soon) illuminates with no other obvious change in vehicle behavior.
- One or more exterior lamps may fail to illuminate, stay on continuously, or flash at the wrong rate.
- Turn signals or hazard lights may behave erratically, such as fast flashing or no flash on one side.
- The lighting driver control module A may be completely unresponsive to commands from the body control module.
- In some vehicles, unrelated features that share the same network segment may act intermittently.
- Often no symptoms besides the warning light, especially if the invalid data is intermittent and the lighting still works.

Common causes, most likely first

- A failing lighting driver control module A, often due to internal circuit board faults or water intrusion.
- Corroded, loose, or damaged wiring and connectors at the lighting driver control module A or along its network bus.
- Low battery voltage or a weak charging system causing the module to send corrupted data frames.
- A software or calibration mismatch in the lighting driver control module A after a replacement or update.
- Network communication faults such as a shorted or open controller area network (CAN) bus wire affecting data integrity.
- A faulty ground connection for the lighting driver control module A, leading to unstable operation.
- Aftermarket lighting accessories or improper repairs that introduce electrical noise into 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 the lighting driver control module A connectors and wiring for corrosion, chafing, or loose pins.
- 3 Check the module's ground connection and clean or tighten as needed.
- 4 Use a scan tool to read all modules for related communication codes and to confirm the lighting driver control module A is online.
- 5 Perform a wiggle test on the network bus wiring while watching live data for intermittent dropouts.
- 6 If wiring and power are good, reflash or reprogram the lighting driver control module A with the latest software.
- 7 Replace the lighting driver control module A only after all electrical and software checks pass, then clear codes and verify repair.

What the lighting module validity check really means

- U0574 is set when the receiving module rejects a message from lighting driver control module A because the data fails a validity check, not necessarily because the module is dead, so a module that still operates lamps can still trigger this code.
- A weak battery or poor ground can cause the lighting driver control module A to send corrupted data frames that look like a module failure, so always load-test the battery before condemning the module.
- Aftermarket LED bulbs or added lighting accessories can introduce electrical noise that corrupts network data, leading to this code even when the module itself is healthy.
- The code can be stored intermittently and may not reappear during a short test drive, so a thorough road test with live data monitoring is needed to confirm the repair.
- A software mismatch after replacing the lighting driver control module A with a used unit is a frequent cause, and reprogramming is often required before the code will clear.

Can I keep driving with U0574?

You can usually drive the vehicle, but avoid driving at night or in low visibility if exterior lighting is affected, and do not ignore repeated warning lights because a lighting failure can reduce your visibility to other drivers.

Tools that help

- OBD-II scan tool with live data and module communication capabilities
- Digital multimeter for voltage, resistance, and continuity checks
- Test light for quick circuit verification
- Wiring diagram and connector pinout for the lighting driver control module A
- Battery load tester or conductance tester



Reading U0574

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

Often seen with

U0140 Lost Communication With Instrument Panel Cluster · **U0155** Lost Communication With Body Control Module · **U0573** Invalid Data Received From Vehicle Motion Control Module B · **U0575** Invalid Data Received From Lighting Driver Control Module B

See it working

Watch the animated explainer [How a MAF Sensor Works: Hot-Wire Airflow Explained](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/u0574/>

