

GENERIC · NETWORK

U0155

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

U0155

Lost Communication With Body Control Module

U0155 means the modules on the vehicle's Controller Area Network (CAN) bus have stopped receiving messages from the Body Control Module (BCM), the module that runs locks, lights, wipers and other body functions. The computer that set the code detected a loss of the BCM's periodic heartbeat or a timeout in expected BCM messages, not necessarily that the BCM itself has failed.

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

Symptoms you may notice

- Often no symptoms besides the warning light, because the BCM may still be working while only its network messages are disrupted
- Multiple unrelated body functions acting up at once, such as interior lights, power locks, wipers or turn signals
- The engine may still start and run normally, but other modules may log communication faults
- Intermittent operation of body electrical features that come and go with vibration or temperature
- A no-start condition on vehicles where the BCM participates in the immobilizer handshake
- Other warning lights or messages on the dash from modules that lost their BCM data

Common causes, most likely first

- A weak or failing battery or poor battery terminal connections causing low voltage on the network
- Corroded, loose or damaged BCM connector pins or terminals
- A blown fuse or poor ground serving the BCM
- Wiring damage in the CAN bus or BCM power/ground circuits, often from rodent damage or chafing
- A failed BCM, though this is less common than wiring and power faults
- Another module on the bus holding the network down and disrupting communication
- Aftermarket accessories or poor previous repairs tapping into body wiring



How to diagnose and fix it

- 1 Scan all modules for communication codes and record which modules can and cannot talk to the BCM
- 2 Test battery voltage and load, and clean and tighten battery terminals and grounds
- 3 Check the BCM fuses and confirm power and ground at the BCM connector with a multimeter
- 4 Inspect BCM connectors and harnesses for corrosion, pushed pins, chafing or rodent damage
- 5 Measure CAN bus resistance and voltage to confirm the bus is healthy and not shorted
- 6 If the bus and power checks pass, substitute a known-good BCM or perform module programming as required
- 7 Clear codes and road test, then recheck for returning communication faults

What U0155 does not always mean

- A U0155 does not automatically condemn the BCM, because low battery voltage or a bad ground can silence it on the network while the module itself is fine.
- Many vehicles set U0155 as a secondary code after a dead battery or jump start, and the code clears once voltage is restored and the network reinitializes.
- A single failed module on the CAN bus can disrupt communication for several modules, so the BCM may be the victim rather than the cause.
- Aftermarket alarms, remote starters or audio installs that tap body wiring are a frequent hidden cause of intermittent U0155 faults.
- On some platforms the BCM is part of the immobilizer path, so a no-start with U0155 should prompt a check of the BCM power and ground before replacing it.

Can I keep driving with U0155?

The vehicle may remain drivable because the engine control module usually runs independently, but body electrical functions and immobilizer operation can be affected. Avoid long trips and have the fault diagnosed soon, and do not continue driving if the engine will not start or safety systems are disabled.

Tools that help

- OBD-II scan tool with full module communication capability
- Digital multimeter
- Test light
- Wiring diagram for the BCM power, ground and CAN circuits
- Battery load tester
- Terminal pick and contact cleaner



Reading U0155

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

Often seen with

U0001 Loss of Bus Communication · **U0100** Lost Communication With ECM/PCM A · **U0121** Lost Communication With Anti-Lock Brake System (ABS) Control · **U0140** Lost Communication With Instrument Panel Cluster · **U0164** Lost Communication With HVAC Control Module

See it working

Watch the animated explainer [Excavator Simulator: Hydraulics You Can Operate](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/u0155/>

