

GENERIC · NETWORK

U0573

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

U0573

Invalid Data Received From Vehicle Motion Control Module B

U0573 means the vehicle motion control module B is sending data that other computers on the network judge to be invalid or out of range. The module itself may be reporting a fault, or the data it broadcasts may be corrupted, missing expected values, or arriving at the wrong time.

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

Symptoms you may notice

- Anti-lock braking system (ABS) or traction control warning light illuminated on the dashboard
- Electronic stability control (ESC) light on, sometimes with a message to service the system
- Reduced or disabled traction control and stability assist functions
- Unexpected braking intervention or a pulsating brake pedal during normal driving
- Speedometer or odometer behaving erratically if the motion control module shares wheel-speed data
- Often no symptoms besides the warning light, especially if the fault is intermittent

Common causes, most likely first

- 1 Faulty or failing vehicle motion control module B (the module itself)
- 2 Damaged, chafed, or corroded wiring in the controller area network (CAN) bus or module power/ground circuits
- 3 Loose or corroded connector pins at the motion control module or at a network splice point
- 4 Low or unstable battery voltage causing the module to broadcast corrupted data
- 5 Software or calibration issue in the motion control module requiring a reflash or update
- 6 Another module on the network transmitting invalid data that the motion control module repeats or misinterprets
- 7 Aftermarket electronic accessories improperly wired into the CAN bus or module circuits



How to diagnose and fix it

- 1 Verify battery voltage and charging system output; low voltage is a common cause of invalid data and should be ruled out first.
- 2 Scan all modules for stored codes, especially U-codes and ABS/stability codes, and record freeze-frame data before clearing anything.
- 3 Inspect the motion control module connectors and harness for corrosion, pushed pins, chafing, and loose grounds.
- 4 Check CAN bus integrity with a multimeter or oscilloscope: measure resistance between CAN high and CAN low and look for shorts to power or ground.
- 5 Confirm the module is receiving proper power and ground at its connector with a load test, not just a voltage check.
- 6 If wiring and power are good, check for technical service bulletins (TSBs) or calibration updates for the motion control module before condemning it.
- 7 Replace the vehicle motion control module B only after all network and power checks pass, then perform any required programming or calibration.

What U0573 really points to before replacing the module

- A weak or failing battery is one of the most common causes of U0573 because modules that see low voltage can broadcast invalid data without setting a low-voltage code themselves.
- The code does not always mean the motion control module is bad; a faulty wheel-speed sensor or another module feeding bad data can cause the motion control module to transmit values that fail plausibility checks.
- Aftermarket alarms, remote starters, or dash cameras tapped into the CAN bus can corrupt network traffic and trigger U0573 intermittently.
- A loose ground strap or corroded battery terminal can cause the module to reset mid-message, which the network logs as invalid data rather than a communication loss.
- Clearing U0573 without checking for related ABS or stability codes can hide the real fault and lead to a misdiagnosis of the motion control module.

Can I keep driving with U0573?

You can usually drive the vehicle with U0573 stored, but stability control and traction assist may be disabled, so avoid aggressive driving, sharp turns at speed, and slippery conditions. If the ABS light is also on or you notice unexpected braking, have the vehicle inspected before continuing to drive.



Tools that help

- OBD-II scan tool with full module access and live data capability
- Digital multimeter with CAN bus resistance and voltage measurement
- Oscilloscope for CAN bus signal integrity checks
- Wiring diagram and connector pinout for the vehicle
- Battery load tester and charging system tester
- Module programming tool if a reflash or replacement is required

Reading U0573

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.
73	The exact fault within that area.

Often seen with

C0050 Right Rear Wheel Speed Sensor Circuit Malfunction · **U0100** Lost Communication With ECM/PCM A · **U0121** Lost Communication With Anti-Lock Brake System (ABS) Control · **U0572** Invalid Data Received From Vehicle Motion Control Module A · **U0574** Invalid Data Received From Lighting Driver Control Module A

See it working

Watch the animated explainer [Master the Four-Stroke Engine Cycle](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/u0573/>

