

GENERIC · BODY

B012F

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

B012F

A/V Sensor Washer Fluid A Control Circuit

B012F indicates that the body control module (BCM) has detected a fault in the control circuit for the washer fluid level sensor, often referred to as the A/V sensor washer fluid A circuit. The computer monitors the expected voltage or signal on the control wire and sets this code when the circuit is open, shorted, or out of normal range.

SYSTEM

Body

CODE TYPE

Generic (all makes)

SEVERITY

Low

FIX DIFFICULTY

Intermediate

AREA

Airbags, seats, doors, lights and comfort systems

Symptoms you may notice

- Washer fluid low warning light stays on even when the reservoir is full
- Washer fluid level gauge or indicator reads incorrectly or not at all
- Often no symptoms besides the warning light
- Intermittent or flickering washer fluid warning
- Other body control functions like wipers or washers may work normally
- No noticeable effect on engine performance or drivability

Common causes, most likely first

- 1 Disconnected or damaged washer fluid level sensor connector
- 2 Broken, chafed, or corroded wiring in the sensor control circuit
- 3 Failed washer fluid level sensor
- 4 Blown fuse or poor ground connection for the sensor circuit
- 5 Faulty body control module (BCM) driver circuit
- 6 Contamination or debris on the sensor causing incorrect resistance

How to diagnose and fix it

- 1 Check the washer fluid level and top off if low; verify the sensor is not stuck
- 2 Inspect the sensor connector and wiring for damage, corrosion, or loose pins
- 3 Test the sensor resistance or signal output according to the manufacturer's specification
- 4 Check for power and ground at the sensor connector with a multimeter
- 5 Inspect the BCM connectors and wiring for signs of water intrusion or corrosion
- 6 Clear the code and test drive to see if it returns; if it does, perform a wiggle test on the harness
- 7 Replace the washer fluid level sensor if faulty, then recheck the circuit



Washer fluid sensor circuit quirks

- A common oversight is assuming the sensor is bad when the real problem is a corroded connector behind the inner fender, often caused by road splash.
- The BCM may set this code only after a self-test cycle, so the warning light can appear intermittently and mislead diagnosis.
- Aftermarket washer fluid with conductive additives can coat the sensor and alter its resistance, triggering the code without any hard failure.
- The code does not always mean the sensor is faulty; a short to ground in the harness can mimic a failed sensor and damage the BCM if not corrected.
- On some vehicles, the washer fluid level sensor shares a ground with other body sensors, so a bad ground can set multiple unrelated codes.

Can I keep driving with B012F?

This code does not affect engine operation or safety, so you can continue driving. However, avoid relying on the washer fluid warning and check the fluid level manually until the fault is repaired.

Tools that help

- Digital multimeter
- Test light
- Wire probe set
- Vehicle-specific service information for circuit testing
- Basic hand tools for trim removal

Reading B012F

- B** Body: airbags, seats, doors, lights and comfort systems.
- 0** Generic (SAE) code: it means the same thing on every OBD-II vehicle.
- 1** Airbags, seats, doors, lights and comfort systems.
- 2F** The exact fault within that area.

Often seen with

B012E DC/AC Converter A High Voltage Power Outlet Control Module " · **B0130** Driver Seatbelt Tension Sensor Circuit · **U0140** Lost Communication With Instrument Panel Cluster



See it working

Watch the animated explainer [Readiness Monitors and the OBD-II Drive Cycle](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/b012f/>

