



B010D

Camera Washer Actuator D

B010D indicates that the body control module (BCM) or camera control module has detected a fault in the circuit or operation of the camera washer actuator D, which is typically the rear camera washer pump or a dedicated washer nozzle actuator for the rearview camera. The computer monitors the actuator's electrical current and feedback signal, and it sets this code when the expected response is missing, out of range, or implausible during a commanded test.

SYSTEM	CODE TYPE	SEVERITY	FIX DIFFICULTY	AREA
Body	Generic (all makes)	Low	Intermediate	Airbags, seats, doors, lights and comfort systems

Symptoms you may notice

- The camera washer does not spray fluid when activated, leaving the rearview camera lens dirty.
- The washer fluid warning light may illuminate if the system detects a low fluid level or circuit fault.
- A warning message such as 'Camera Washer System Fault' appears on the driver information center.
- The washer pump may run continuously or not at all, depending on the failure mode.
- Often no symptoms besides the warning light, especially if the actuator fails only under certain conditions.
- Other camera-related features like the rearview display may show a dirty lens warning or degraded image.

Common causes, most likely first

- 1 Failed camera washer actuator (pump or nozzle assembly) due to internal electrical failure or mechanical seizure.
- 2 Open or shorted wiring in the actuator circuit, often from flexing at the hatch or tailgate hinge.
- 3 Blown fuse or corroded relay supplying power to the camera washer circuit.
- 4 Clogged washer nozzle or fluid line causing the actuator to overheat or draw excessive current.
- 5 Low or frozen washer fluid, leading to pump cavitation and a detected fault.
- 6 Faulty body control module (BCM) or camera control module, though this is less common.
- 7 Water intrusion into the actuator connector or module causing corrosion and signal disruption.



How to diagnose and fix it

- 1 Check the washer fluid level and verify the fluid is not frozen or contaminated; top up with the correct fluid.
- 2 Inspect the camera washer actuator connector and wiring for corrosion, damage, or loose pins, especially at the hatch or tailgate pass-through.
- 3 Test the actuator with a scan tool bidirectional control to command it on and off while listening for pump operation.
- 4 Measure resistance and voltage at the actuator connector to compare with manufacturer specifications; check for open or short circuits.
- 5 Check the fuse and relay for the camera washer circuit and replace if blown or faulty.
- 6 Remove and inspect the washer nozzle and fluid line for blockages; clean or replace as needed.
- 7 If all electrical and mechanical checks pass, suspect the body control module or camera control module and perform further diagnostics before replacement.

Hidden causes of camera washer faults

- A clogged or frozen washer nozzle is a frequent culprit that mimics an actuator failure, so always verify fluid flow before condemning the pump.
- Wiring harness chafing at the tailgate hinge is a common hidden cause because the constant flexing breaks conductor strands inside intact insulation.
- The code can set intermittently due to a weak actuator that only fails when cold or under low voltage, so testing at operating temperature is crucial.
- Aftermarket or incorrect washer fluid can leave deposits that seize the pump, leading to a false actuator diagnosis.
- The camera washer actuator may share a ground with other rear accessories, so a bad ground can set this code along with unrelated faults.

Can I keep driving with B010D?

The vehicle remains safe to drive because the camera washer is a convenience feature and does not affect braking, steering, or engine operation. Avoid using the washer system until repaired to prevent potential electrical shorts or pump damage, and clean the camera lens manually if visibility is reduced.

Tools that help

- Scan tool with bidirectional control capability
- Digital multimeter
- Trim removal tools
- Test light
- Wiring diagram for the camera washer circuit



Reading B010D

- 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.
- 0D** The exact fault within that area.

Often seen with

B010B Camera Washer Actuator B · **B010C** Camera Washer Actuator C · **B010E** Camera Washer Actuator E
 · **U0100** Lost Communication With ECM/PCM A

See it working

Watch the animated explainer [Turbocharger Trainer: Boost, Wastegate and Intercooler](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/b010d/>

