

GENERIC · CHASSIS

C0015

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

C0015

Right Front Outlet Control

C0015 is a chassis code indicating a fault in the right front outlet control circuit, which typically manages hydraulic pressure to the right front brake during antilock braking and stability control events. The control module has detected an electrical or performance issue, such as an open, short, or unexpected signal, in the wiring or solenoid associated with that outlet.

SYSTEM	CODE TYPE	SEVERITY	FIX DIFFICULTY	AREA
Chassis	Generic (all makes)	Medium	Intermediate	Brakes, steering and suspension

Symptoms you may notice

- Antilock brake system (ABS) warning light illuminated on the dashboard
- Traction control or stability control warning light also on, since these systems share the same hydraulic modulator
- Reduced or disabled ABS function, though normal braking usually remains
- Possible slight pull or uneven braking during hard stops if the outlet valve sticks
- Often no symptoms besides the warning light, especially in dry conditions

Common causes, most likely first

- Damaged or corroded wiring harness or connector at the right front outlet solenoid
- Faulty right front outlet solenoid inside the ABS hydraulic modulator
- Internal short or open in the ABS control module driver circuit for that solenoid
- High resistance or loose ground connection affecting the modulator
- Debris or contamination in the brake fluid causing the outlet valve to stick
- Aftermarket electrical accessories improperly tapped into the ABS wiring

How to diagnose and fix it

- Scan all modules for codes and record freeze-frame data to confirm C0015 is current and not history
- Visually inspect the right front outlet solenoid connector and wiring for corrosion, chafing, or loose pins
- Measure resistance of the right front outlet solenoid at the modulator connector and compare to manufacturer specification
- Check for short to ground or voltage on the control circuit between the module and solenoid
- Perform an actuator test with a capable scan tool to command the outlet valve and listen for operation
- If electrical checks pass, flush the brake fluid and re-test to rule out valve sticking from contamination
- Replace the ABS hydraulic modulator or control module only after all wiring and solenoid tests confirm an internal fault

What the outlet valve code really tells you

- C0015 often sets intermittently due to a poor connection at the modulator plug, so a wiggle test while watching live data can reveal the fault without any parts replacement.
- A sticking outlet valve can cause a slight brake drag on the right front wheel that drivers mistake for a wheel bearing or caliper problem, leading to unnecessary repairs.
- The code does not always mean the solenoid is dead; low battery voltage during cranking or a weak ground can trigger it falsely on some vehicles.
- After replacing a modulator, some vehicles require a scan-tool bleed procedure and a steering angle sensor calibration, or the ABS light will stay on.
- Corrosion inside the connector is common on vehicles driven in winter salt, and cleaning the terminals often resolves the code without replacing the modulator.

Can I keep driving with C0015?

You can usually drive the vehicle normally because base braking is unaffected, but avoid hard stops or slippery conditions where ABS would be needed. Have the fault diagnosed soon, since a sticking outlet valve can cause brake drag or uneven braking that worsens over time.

Tools that help

- OBD-II scan tool with ABS and actuator test capability
- Digital multimeter
- Wiring diagram for the ABS circuit
- Brake fluid flush kit
- Socket and wrench set

Reading C0015

- C** Chassis: brakes, steering and suspension.
- 0** Generic (SAE) code: it means the same thing on every OBD-II vehicle.
- 0** Brakes, steering and suspension.
- 15** The exact fault within that area.

Often seen with

C0010 Left Front Inlet Control · **C0011** Left Front Outlet Control · **C0012** Left Front Hydraulic Release Too Long · **C0014** Right Front Inlet Control



See it working

Watch the animated explainer [Disc Brake Trainer: How Car Brakes Stop a Wheel](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/c0015/>

