

GENERIC · CHASSIS

C066F

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

C066F

Service/Park Brake Chamber Pressure Too Low

The C066F code indicates that the electronic brake control module has detected insufficient pressure in the service or park brake chamber circuit, meaning the system cannot build or hold the required pressure for safe braking. This typically points to a leak, a faulty pressure sensor, or a problem with the air compressor or hydraulic pump that supplies the chamber.

SYSTEM

Chassis

CODE TYPE

Generic (all makes)

SEVERITY

High

FIX DIFFICULTY

Professional

AREA

Brakes, steering and suspension

Symptoms you may notice

- Brake warning light illuminated on the dashboard
- Soft or spongy brake pedal feel
- Longer stopping distances or reduced braking performance
- Audible hissing or air leak sound near the brake chambers
- Parking brake may not hold the vehicle securely
- Often no symptoms besides the warning light

Common causes, most likely first

- 1 Leaking brake chamber diaphragm or seals
- 2 Faulty brake chamber pressure sensor
- 3 Clogged or restricted air/hydraulic line to the chamber
- 4 Weak or failing air compressor or hydraulic pump
- 5 Malfunctioning brake control module or wiring issue
- 6 Excessive moisture or contamination in the brake system

How to diagnose and fix it

- 1 Scan all modules for related codes and record freeze-frame data
- 2 Inspect brake chambers and lines for visible leaks or damage
- 3 Test pressure sensor output with a scan tool and compare to actual pressure
- 4 Check air compressor or hydraulic pump output and system pressure
- 5 Perform a brake system pressure bleed and verify pressure holds
- 6 Repair or replace leaking components and clear codes
- 7 Road test to confirm the code does not return and braking performance is restored



What Most Techs Miss on C066F

- A sticking relay or blown fuse for the air compressor can cause low pressure without setting a compressor-specific code.
- The pressure sensor may read low due to a poor ground connection rather than an actual pressure loss.
- On some vehicles, a weak battery or charging system issue can cause the brake module to log false low-pressure codes.
- After repairs, the brake system may require a relearn or calibration procedure to clear the code permanently.
- A restricted brake hose can cause low pressure at the chamber even if system pressure is normal elsewhere.

Can I keep driving with C066F?

Do not drive the vehicle if the brake warning light is on or braking performance feels reduced, as this code indicates a potential loss of braking capability. Have the vehicle towed to a repair facility for diagnosis and repair.

Tools that help

- OBD-II scan tool with manufacturer-specific software
- Digital multimeter
- Brake pressure gauge
- Leak detection spray or soapy water
- Basic hand tools

Reading C066F

C	Chassis: brakes, steering and suspension.
0	Generic (SAE) code: it means the same thing on every OBD-II vehicle.
6	Brakes, steering and suspension.
6F	The exact fault within that area.

Often seen with

C0040 Left Rear Wheel Speed Sensor Circuit · **C0050** Right Rear Wheel Speed Sensor Circuit Malfunction · **C066E** Service/Park Brake Chamber Pressure Too High · **C0670** Electric Park Brake Actuator Left Circuit · **P0571** Brake Switch 'A' Circuit



See it working

Watch the animated explainer [How ABS Works: Anti-Lock Brakes in X-Ray](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/c066f/>

