

GENERIC · POWERTRAIN

P067D

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

P067D

Cylinder 5 Glow Plug Control Circuit High

P067D indicates that the engine control module (ECM) has detected a high-voltage condition on the control circuit for cylinder 5's glow plug. The ECM expects the circuit to pull the voltage low when the glow plug is commanded on, but instead it sees voltage staying near battery positive, indicating an open circuit, a faulty glow plug, or a wiring fault.

SYSTEM	CODE TYPE	SEVERITY	FIX DIFFICULTY	AREA
Powertrain	Generic (all makes)	Medium	Intermediate	Computer and output circuits

Symptoms you may notice

- Illuminated check engine light, often with no other noticeable symptoms
- Hard cold starting or extended cranking before the engine fires
- Rough idle and white smoke immediately after a cold start
- Reduced fuel economy during warm-up
- In rare cases, a misfire code for cylinder 5 may accompany P067D

Common causes, most likely first

- 1 Failed glow plug on cylinder 5 (open internal element)
- 2 Open or damaged wire in the glow plug control circuit for cylinder 5
- 3 Corroded or loose electrical connector at the cylinder 5 glow plug
- 4 Faulty glow plug control module (GPCM) or relay output for that cylinder
- 5 High resistance in the ground circuit for the glow plug
- 6 ECM internal driver fault (less common)

How to diagnose and fix it

- 1 Clear the code and verify it returns after a cold-start cycle to confirm it is not intermittent
- 2 Visually inspect the cylinder 5 glow plug connector and wiring for corrosion, chafing, or loose pins
- 3 Measure the resistance of the cylinder 5 glow plug with a multimeter and compare to specifications
- 4 Check for voltage on the control circuit with the glow plug commanded on; if voltage is present but the plug does not heat, replace the glow plug
- 5 If the glow plug is good, perform a voltage drop test on the control circuit and ground circuit to locate excessive resistance
- 6 Test the glow plug control module output for cylinder 5 if the wiring and glow plug pass inspection
- 7 Replace the faulty component and recheck for the code after a cold soak



Why a good glow plug still sets P067D

- A glow plug that tests good with an ohmmeter can still cause P067D if the control circuit has high resistance at a connector or ground point, because the ECM monitors voltage rather than current.
- The code is often set by a poor connection at the glow plug terminal that looks fine visually but has corrosion inside the boot.
- On some vehicles, a faulty glow plug control module can set a high-circuit code for one cylinder even when all glow plugs and wiring are intact.
- P067D does not always mean the glow plug is bad; the ECM may see high voltage because the control wire is shorted to battery positive, which requires tracing the harness.
- Replacing all glow plugs because of one high-circuit code is a common misdiagnosis; always test the individual circuit first.

Can I keep driving with P067D?

You can usually drive the vehicle with P067D, but cold starting may be difficult and the engine may run rough until warm. Avoid heavy loads or long idling during warm-up, and repair the fault before cold weather arrives to prevent starting problems.

Tools that help

- OBD-II scan tool
- Digital multimeter
- Glow plug socket set
- Wire probe set
- Service information for glow plug circuit specifications

Reading P067D

P	Powertrain: engine, transmission and emissions.
0	Generic (SAE) code: it means the same thing on every OBD-II vehicle.
6	Computer and output circuits.
7D	The exact fault within that area.

Often seen with

P0670 Glow Plug Module Control Circuit · **P0671** Cylinder 1 Glow Plug Circuit · **P0672** Cylinder 2 Glow Plug Circuit · **P0673** Cylinder 3 Glow Plug Circuit · **P0674** Cylinder 4 Glow Plug Circuit



See it working

Watch the animated explainer [How Variable Valve Timing Works: Cam Phaser and VVT Solenoid](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/p067d/>

