

JAGUAR · POWERTRAIN

P1365

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

P1365 · Jaguar

Ignition Coil Cylinder 5 No Activation

P1365 on a Jaguar means the engine control module (ECM) commanded the ignition coil for cylinder 5 to fire but detected no electrical activation or feedback from that coil circuit. The ECM monitors the coil primary circuit and flags this code when the expected current pulse or confirmation signal is missing, indicating an open circuit, short, or failed coil.

SYSTEM

Powertrain

CODE TYPE

Jaguar specific

SEVERITY

Medium

FIX DIFFICULTY

Intermediate

AREA

Ignition system
and misfire

Symptoms you may notice

- Illuminated check engine light, often with no other noticeable symptoms
- Rough idle or misfire sensation, especially noticeable at idle or low speeds
- Reduced engine power or hesitation during acceleration
- Shaking or vibration from the engine bay under load
- Possible poor fuel economy due to incomplete combustion in cylinder 5
- In some cases, the engine may enter limp mode if the misfire is severe

Common causes, most likely first

- 1 Faulty ignition coil on cylinder 5 (open or shorted primary winding)
- 2 Damaged or corroded electrical connector at the cylinder 5 coil
- 3 Broken or chafed wiring in the coil activation circuit between the ECM and coil
- 4 Failed ignition coil driver inside the ECM (less common but possible)
- 5 Poor ground connection for the ignition coil circuit
- 6 Contamination or oil ingress into the coil connector or spark plug well

How to diagnose and fix it

- 1 Perform a visual inspection of the cylinder 5 coil connector and wiring for damage, corrosion, or oil contamination
- 2 Swap the cylinder 5 ignition coil with a known-good coil from another cylinder and clear the code to see if the fault moves
- 3 Use a noid light or oscilloscope to check for a switching signal at the coil connector while cranking the engine
- 4 Measure resistance of the coil primary and secondary windings and compare with specifications
- 5 Check continuity and resistance of the activation wire from the ECM to the coil, looking for opens or shorts
- 6 Verify the coil ground circuit has low resistance to the battery negative terminal
- 7 If all external circuits test good, suspect the ECM driver and perform further diagnostics before replacement

Don't overlook the coil connector

- A loose or corroded connector at the cylinder 5 coil is a frequent cause of this code, often overlooked when the coil itself tests fine.
- The code can set intermittently due to vibration or heat, so always wiggle-test the harness while monitoring live data or with a scope.
- Swapping coils is a quick diagnostic step, but remember to clear the code and recheck after driving, as the ECM may need a full drive cycle to re-detect the fault.
- On some Jaguar models, the ignition coil wiring harness runs near hot exhaust components, leading to insulation brittleness and intermittent shorts.
- Do not assume the ECM is faulty until you have ruled out all wiring and coil issues, as ECM replacement is costly and rarely the root cause.

Can I keep driving with P1365?

You can drive the vehicle short distances to a repair shop, but avoid heavy acceleration or sustained high speeds to prevent potential catalytic converter damage from unburned fuel. If the engine is running very rough or flashing the check engine light, stop driving and seek immediate assistance.

Tools that help

- OBD-II scanner with live data and misfire monitoring
- Digital multimeter for resistance and continuity tests
- Oscilloscope or noid light for signal testing
- Socket set and torx bits for coil removal
- Electrical contact cleaner and dielectric grease

Reading P1365

P	Powertrain: engine, transmission and emissions.
1	Manufacturer-specific code (Jaguar): its meaning depends on the make.
3	Ignition system and misfire.
65	The exact fault within that area.

Often seen with

P1364 Cylinder 4 Ignition Circuit Open · **P1366** Cylinder 4 Ignition Circuit Short To Ground · **P1366** TDC2 Sensor Intermittent · **P1364** Ignition Coil Primary Circuit · **P1364** Ignition Coil Cylinder 4 No Activation · **P1366** Ignition Coil Cylinder 6 No Activation · **P1366** TDC2 Sensor Intermittent · **P1364** IC Cylinder 4 Not Toggling After Enable · **P1366** IC Cylinder 6 Not Toggling After Enable · **P1364** Ignition Coil Primary Circuit Fault · **P1364** IC Cylinder 4 Not Toggling After Enable · **P1366** IC Cylinder 6 Not Toggling After Enable · **P1364** Misfire During Start Cylinder 12 · **P0305** Cylinder 5 Misfire Detected · **P0350** Ignition Coil Primary/Secondary Circuit · **P0355** Ignition Coil 'E' Primary/Secondary Circuit

See it working

Watch the animated explainer **Four-Stroke Engine Cutaway: Intake to Exhaust** on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/jaguar-p1365/>

