

FORD · POWERTRAIN

P1360

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

P1360 · Ford

Ignition Coil A Secondary Circuit Malfunction

P1360 on Ford vehicles means the powertrain control module (PCM) has detected a fault in the secondary circuit of ignition coil A, which is the high-voltage side that fires the spark plug. The PCM monitors the coil's feedback signal and flags this code when the voltage or current pattern falls outside the expected range during engine operation.

SYSTEM

Powertrain

CODE TYPE

Ford specific

SEVERITY

Medium

FIX DIFFICULTY

Intermediate

AREA

Ignition system and misfire

Symptoms you may notice

- Engine misfire felt as a stumble, rough idle, or hesitation under acceleration
- Often no symptoms besides the warning light if the fault is intermittent
- Reduced engine power or a limp-home mode in some Ford models
- Shaking or vibration from the engine bay, especially at idle
- A flashing check engine light when the misfire is severe enough to risk catalytic converter damage

Common causes, most likely first

- 1 Faulty ignition coil A with a failed secondary winding or internal short
- 2 Worn or damaged spark plug or spark plug boot on the affected cylinder
- 3 Corroded, loose, or damaged electrical connector at coil A
- 4 Open or shorted secondary circuit wiring between the coil and the PCM
- 5 PCM driver circuit fault for coil A (less common but possible)
- 6 Moisture or oil intrusion into the coil-on-plug well causing secondary voltage leakage

How to diagnose and fix it

- 1 Scan all modules and record freeze-frame data to confirm when the misfire occurs
- 2 Inspect coil A connector, boot, and spark plug well for corrosion, oil, or moisture
- 3 Swap coil A with a known-good coil from another cylinder and see if the misfire moves
- 4 Replace the spark plug on the affected cylinder and check gap and condition
- 5 Perform a secondary ignition scope test or measure coil resistance if the fault persists
- 6 Check continuity and resistance of the secondary circuit wiring between coil A and the PCM
- 7 If wiring and coil are good, test the PCM driver output or substitute a known-good PCM



What Ford coil A faults really mean

- A P1360 can set from a marginal spark plug that loads the secondary circuit without causing a noticeable misfire, so always inspect plugs before condemning the coil.
- On many Ford engines, coil A is not necessarily cylinder 1; confirm the coil lettering or cylinder numbering in the service information before swapping parts.
- Oil leaking from a failed valve cover gasket into the spark plug well is a common hidden cause of secondary circuit faults on Ford coil-on-plug engines.
- An intermittent P1360 that clears after rain or a car wash often points to moisture ingress at the coil boot rather than a failed coil.
- A failed coil A can damage the PCM driver if the secondary short is severe, so do not keep driving with a hard misfire.

Can I keep driving with P1360?

You can drive cautiously to a repair shop if the light is steady and the engine runs smoothly, but avoid heavy acceleration and long trips. If the check engine light flashes or the engine misfires badly, stop driving to prevent catalytic converter damage.

Tools that help

- OBD-II scan tool with live data and freeze-frame capability
- Digital multimeter for resistance and continuity checks
- Ignition spark tester or oscilloscope for secondary circuit testing
- Basic hand tools including socket set and spark plug socket
- Factory service information for coil lettering and torque specs

Reading P1360

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

Often seen with

P1361 Cylinder 3 Ignition Circuit Open · **P1361** TDC Sensor Intermittent Interruption · **P1361** Ignition Coil B Secondary Circuit · **P1361** Ignition Coil Cylinder 1 No Activation · **P1361** TDC Sensor Intermittent Interruption · **P1361** IC Circuit Low Voltage · **P1361** Ignition Control IC Circuit Low Voltage · **P1361** IC Circuit Low Voltage · **P1361** Misfire Cylinder 10 With Fuel Cut-off · **P0300** Random/Multiple Cylinder Misfire Detected · **P0301** Cylinder 1 Misfire Detected · **P0351** Ignition Coil A Primary/Secondary Circuit Malfunction · **P0352** Ignition Coil B Primary/Secondary Circuit Malfunction



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/ford-p1360/>

