

JAGUAR · POWERTRAIN

P1582

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

P1582 · Jaguar

Electronic Throttle Monitor Data Available

P1582 on a Jaguar indicates that the electronic throttle monitor has data available for the powertrain control module to read, which is a normal condition when the throttle system is operating correctly. The code is stored when the module detects that the monitor's adaptive data is present and accessible, often as part of a self-test routine rather than a hard fault.

SYSTEM

Powertrain

CODE TYPE

Jaguar specific

SEVERITY

Low

FIX DIFFICULTY

Intermediate

AREA

Vehicle speed, idle control and auxiliary inputs

Symptoms you may notice

- Often no symptoms besides the warning light, as the throttle may still function normally.
- Intermittent hesitation or stumble during acceleration if the throttle monitor data is erratic.
- Reduced engine power or limp mode in some cases when the module flags the data as implausible.
- Unstable idle or surging when the electronic throttle body is not responding as expected.
- A stored P1582 alone may not trigger a noticeable drivability issue, but combined with other codes it can indicate a throttle system problem.

Common causes, most likely first

- 1 A software glitch or temporary communication error within the electronic throttle monitor circuit.
- 2 A dirty or carbon-fouled throttle body causing the monitor to log data outside expected parameters.
- 3 Wiring harness damage or poor connector contact at the throttle body or powertrain control module.
- 4 A failing electronic throttle body motor or position sensor that sends inconsistent data to the monitor.
- 5 A weak or failing battery or charging system causing voltage spikes that affect module communication.
- 6 An aftermarket or incorrect calibration in the powertrain control module that misinterprets monitor data.



How to diagnose and fix it

- 1 Use a Jaguar-compatible scan tool to read all stored codes and freeze-frame data, then clear P1582 and verify if it returns.
- 2 Inspect the throttle body connector and wiring for corrosion, chafing, or loose pins, and repair as needed.
- 3 Clean the throttle body with approved cleaner and perform a throttle adaptation reset with the scan tool.
- 4 Check battery voltage and charging system output to rule out low voltage causing spurious monitor data.
- 5 Perform a guided diagnostic for the electronic throttle monitor using factory service information to check sensor signals.
- 6 If the throttle body is faulty, replace it and reprogram the powertrain control module as required.
- 7 After repairs, road-test the vehicle and confirm P1582 does not reset, then complete a drive cycle to verify readiness.

When P1582 is not a real fault

- P1582 is often an informational code that appears after a low-voltage event or battery replacement, and it may clear itself after a few drive cycles without any repair.
- A dirty throttle body is a common culprit that technicians overlook because the code description sounds like a communication issue rather than a mechanical one.
- On some Jaguar models, P1582 can be set by a failing throttle position sensor inside the throttle body even when the live data looks normal during a static test.
- This code does not always mean the throttle body needs replacement; wiring repairs or a software update frequently resolve it.
- Related codes such as P0121, P0122, or P2135 often accompany P1582 and should be diagnosed together to avoid misdiagnosis.

Can I keep driving with P1582?

You can generally continue driving with only P1582 stored, but avoid aggressive acceleration or sustained high speeds until the code is investigated. If the vehicle enters limp mode or the throttle response becomes unpredictable, stop driving and seek professional diagnosis.

Tools that help

- Jaguar-compatible OBD-II scan tool with live data and throttle adaptation capability
- Digital multimeter for voltage and resistance checks
- Throttle body cleaner and soft brush
- Socket set and screwdrivers for throttle body removal
- Factory service information or wiring diagrams for the specific Jaguar model



Reading P1582

- P** Powertrain: engine, transmission and emissions.
- 1** Manufacturer-specific code (Jaguar): its meaning depends on the make.
- 5** Vehicle speed, idle control and auxiliary inputs.
- 82** The exact fault within that area.

Often seen with

P0121 Throttle Position Sensor A Circuit Range/Performance · **P0122** Throttle Position Sensor A Circuit Low Input · **P0123** Throttle Position Sensor A Circuit High Input · **P2100** Throttle Actuator Control Motor Circuit/Open · **P2135** Throttle/Pedal Position Sensor A/B Voltage Correlation

See it working

Watch the animated explainer [How a MAF Sensor Works: Hot-Wire Airflow Explained](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/jaguar-p1582/>

