

GENERIC · POWERTRAIN

P0808

OBD-II TROUBLE CODE

P0808

Clutch Position Sensor Circuit High

P0808 indicates that the powertrain control module has detected an abnormally high voltage on the clutch position sensor circuit, which typically means the signal wire is shorted to power or the sensor's internal resistance has risen beyond specification. The computer expects a voltage within a calibrated range as the clutch pedal moves, and a reading above the upper threshold triggers this code.

SYSTEM	CODE TYPE	SEVERITY	FIX DIFFICULTY	AREA
Powertrain	Generic (all makes)	Medium	Intermediate	Transmission

Symptoms you may notice

- Illumination of the check engine light, often with no other noticeable symptoms
- Difficulty engaging or disengaging the clutch smoothly, especially when starting from a stop
- The engine may stall when coming to a stop or when the clutch pedal is pressed
- Inconsistent clutch pedal feel or a pedal that does not return to its normal resting position
- Cruise control or engine start-stop functions may become inoperative on vehicles that use the clutch position signal

Common causes, most likely first

- 1 Clutch position sensor has failed internally, producing a high-resistance or open signal
- 2 Signal wire between the sensor and the powertrain control module is shorted to a power source
- 3 Corroded, loose, or damaged electrical connector at the clutch position sensor
- 4 Damaged or misadjusted sensor mounting bracket causing the sensor to read out of range
- 5 Faulty powertrain control module, though this is rare and should be diagnosed last



How to diagnose and fix it

- 1 Connect a scan tool and record the clutch position sensor voltage with the key on and engine off, then compare it to the manufacturer's specification
- 2 Visually inspect the sensor connector and wiring harness for corrosion, chafing, or loose pins, and repair as needed
- 3 Back-probe the sensor signal wire at the powertrain control module and check for a short to voltage with the sensor disconnected
- 4 Test the clutch position sensor with a multimeter for resistance or voltage output through its full travel, and replace it if it does not match the specification
- 5 Check the sensor mounting bracket and pedal assembly for damage or misalignment that could hold the sensor out of its normal range
- 6 Clear the diagnostic trouble codes and perform a road test to verify the repair, confirming the code does not return

Clutch Sensor Voltage Checks Before Replacement

- A shorted signal wire can mimic a failed sensor, so always disconnect the sensor and recheck the circuit voltage before condemning the part.
- On some vehicles, the clutch position sensor shares a reference voltage with other sensors, and a fault in that shared circuit can set P0808 along with other codes.
- A misadjusted or bent sensor bracket can hold the sensor at the top of its travel, producing a high-voltage signal even when the sensor itself is good.
- The clutch position sensor signal is often used by the cruise control and engine start-stop systems, so those features may be disabled even if the driver notices no drivability issue.
- After replacing the sensor, some vehicles require a relearn procedure for the clutch pedal position, which a scan tool must perform to prevent the code from returning.

Can I keep driving with P0808?

You can usually drive the vehicle to a repair shop, but avoid aggressive clutch operation and be prepared for the engine to stall when coming to a stop. If the clutch pedal feels abnormal or the engine stalls frequently, stop driving and have the vehicle towed to prevent a safety hazard.

Tools that help

- OBD-II scan tool with live data capability
- Digital multimeter
- Back-probe kit or breakout leads
- Socket and ratchet set
- Vehicle service information for wiring diagrams and specifications



Reading P0808

P	Powertrain: engine, transmission and emissions.
0	Generic (SAE) code: it means the same thing on every OBD-II vehicle.
8	Transmission.
08	The exact fault within that area.

Often seen with

P0807 Clutch Position Sensor Circuit Low · **P0809** Clutch Position Sensor Circuit Intermittent · **P0830** Clutch Pedal Switch 'A' Circuit · **P0831** Clutch Pedal Switch 'A' Circuit Low · **P0832** Clutch Pedal Switch 'A' Circuit High

See it working

Watch the animated explainer [Manual Car Driving Simulator: Learn Clutch Control](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/p0808/>

