

VOLKSWAGEN · POWERTRAIN

P1767

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

P1767 · Volkswagen

Throttle Angle Signal Stuck On

P1767 on Volkswagen vehicles means the engine control module (ECM) has detected that the throttle angle signal is stuck at a fixed value instead of changing as the throttle plate moves. The ECM compares the throttle position sensor (TPS) voltage against expected values during key-on and running conditions, and when the signal fails to vary within a calibrated range, it flags the circuit as stuck on.

SYSTEM

Powertrain

CODE TYPE

**Volkswagen
specific**

SEVERITY

Medium

FIX DIFFICULTY

Intermediate

AREA

Transmission

Symptoms you may notice

- The electronic throttle control (EPC) or check engine light illuminates on the dashboard
- The engine may enter limp mode with severely reduced power and a maximum speed limit
- Poor or erratic throttle response, including hesitation or a dead pedal feel
- Rough idle or stalling when coming to a stop
- Often no symptoms besides the warning light, especially if the fault is intermittent
- Cruise control may become inoperative or disengage unexpectedly

Common causes, most likely first

- 1 Carbon buildup or mechanical binding on the throttle plate shaft causing the plate to stick
- 2 Failed throttle position sensor (TPS) inside the electronic throttle body
- 3 Damaged or corroded wiring harness connector at the throttle body
- 4 Chafed or open signal wire between the TPS and the ECM
- 5 Faulty accelerator pedal position sensor sending implausible signals that the ECM cross-checks against the throttle angle
- 6 Internal ECM driver or signal processing fault (rare but documented on older Volkswagen models)
- 7 Aftermarket or incorrectly adapted electronic throttle body installed without proper basic settings



How to diagnose and fix it

- 1 Scan all modules with a Volkswagen-compatible scan tool and record freeze-frame data for P1767 before clearing anything
- 2 Inspect the throttle body connector and wiring for corrosion, pushed pins, or chafed insulation, and repair as needed
- 3 Remove the intake hose and visually inspect the throttle plate for carbon deposits or mechanical binding, cleaning the bore and plate if contaminated
- 4 Backprobe the TPS signal wire at the throttle body and watch voltage while slowly moving the throttle plate by hand; a signal that does not sweep smoothly confirms a sensor or wiring fault
- 5 Perform a throttle body adaptation or basic setting with the scan tool after cleaning or replacement
- 6 If the signal remains stuck after wiring and cleaning checks, replace the electronic throttle body with a quality unit and re-adapt
- 7 Clear codes, road test through several key cycles, and verify the throttle angle PID tracks pedal input smoothly without recurring P1767

Why throttle angle codes mislead on Volkswagens

- A dirty throttle plate that sticks slightly at closed position is the most common cause on higher-mileage Volkswagen engines, and a thorough cleaning with a new adaptation often resolves the code without any parts replacement.
- The ECM cross-checks the throttle position sensor against the accelerator pedal position sensor, so a failing pedal sensor can set P1767 even when the throttle body itself is healthy.
- Aftermarket throttle bodies frequently fail to adapt correctly on Volkswagen platforms and can set P1767 immediately after installation, so sticking with an OEM-quality unit avoids a repeat diagnosis.
- A weak or recently replaced battery can wipe throttle adaptations on some models, causing a stored P1767 that clears permanently after a successful basic setting.
- Technicians who replace the throttle body without first checking the connector pins and signal wire sweep often miss a simple wiring fault that mimics a failed sensor.

Can I keep driving with P1767?

You can usually drive the vehicle to a shop, but expect limp mode with reduced power and speed, so avoid highways and heavy traffic until the fault is repaired. If the engine stalls repeatedly or the throttle response becomes unpredictable, stop driving and arrange a tow.



Tools that help

- Volkswagen-compatible scan tool with basic settings and adaptation capability
- Digital multimeter with backprobe pins
- Throttle body cleaner and lint-free shop towels
- Basic socket and screwdriver set for intake hose removal
- Wiring diagram for the throttle body and ECM circuits

Reading P1767

P	Powertrain: engine, transmission and emissions.
1	Manufacturer-specific code (Volkswagen): its meaning depends on the make.
7	Transmission.
67	The exact fault within that area.

Often seen with

P1545 Throttle Position Control Malfunction · **P1545** A/C Clutch Relay Control Circuit · **P1545** A/C Clutch Relay Control Circuit · **P1545** Pedal Position Sensor · **P0121** Throttle Position Sensor A Circuit Range/Performance · **P0638** Throttle Actuator Control Range/Performance (Bank 1) · **P2101** Throttle Actuator Control Motor Circuit Range/Performance · **P2135** Throttle/Pedal Position Sensor A/B Voltage Correlation

See it working

Watch the animated explainer [How Regenerative Braking Works in Electric Cars](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/volkswagen-p1767/>

