

AUDI P1582: IDLING SPEED REGULATION ADAPTION LIMIT REACHED

OVERVIEW

Severity	:	High
DIY Difficulty Level	:	Advanced
Repair Cost	:	\$400-\$850
Can I Still Drive?	:	No

What Does The Audi P1582 Code Mean?

Signal low >4.571 V, Signal high <4.037 V, Potentiometer used in reversed logic (adaptive values).

What Are The Potential Causes Of The Audi P1582 Code?

- Crankcase oil is diluted (change the oil)
- Fuel injectors are worn
- Compression ratio is low
- Throttle valve control module is faulty
- Leak Detection Pump has failed
- EVAP canister system has an improper or broken seal
- Evaporative Emission (EVAP) canister purge regulator valve 1 is faulty
- Hoses between the fuel pump and the EVAP canister are faulty
- Fuel filler cap is loose
- Fuel pump seal is defective, faulty or otherwise leaking
- Hoses between the EVAP canister and the fuel flap unit are faulty
- Hoses between the EVAP canister and the evaporative emission canister purge regulator valve are faulty
- ECM has failed

Reference Sources

[Audi P1582](#), DTCDECODE.