

VOLKSWAGEN P1141: LOAD CALCULATION CROSS CHECK RANGE/PERFORMANCE

OVERVIEW

Severity	:	High
DIY Difficulty Level	:	Intermediate
Repair Cost	:	\$100-\$1000
Can I Still Drive?	:	No

What Does The Volkswagen P1141 Code Mean?

Engine started, battery voltage must be at least 11.5v, all electrical components must be off, the ground between the engine and the chassis must be well connected, the exhaust system must be properly sealed between the catalytic converter and the cylinder head, and the oxygen sensor heater for oxygen sensor before the catalytic converter must be properly functioning. Note: Vacuum in the intake system sucks in the leak detection spray with false air. Leak detection spray decreases ignition quality of the fuel mixture. This causes a drop in engine speed and changes the value produced by the Heated Oxygen Sensor. Note: Both Throttle Position (TP) sensor and Sender 2 for accelerator pedal position are located at the accelerator pedal and communicate the driver's intentions to the ECM completely independently of each other. Both sensors are stored in one housing.

What Are The Potential Causes Of The Volkswagen P1141 Code?

- Intake system is leaking
- Signal is grounding
- ECM has failed
- Intake Manifold Runner Position Sensor is faulty
- Intake system for leaks (false air) is faulty
- Motor for intake flap is faulty

- Mass Air Flow (MAF) sensor is faulty
- Throttle Position (TP) sensor is faulty
- Throttle valve control module is faulty

Reference Sources

[Volkswagen P1141](#), DTCDECODE.