

## VOLKSWAGEN P1142: LOAD CALCULATION CROSS CHECK LOWER LIMIT

### OVERVIEW

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

### What Does The Volkswagen P1142 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

### What Are The Potential Causes Of The Volkswagen P1142 Code?

- 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 failed

### Reference Sources

[Volkswagen P1142](#), DTCDECODE.