

AUDI P1138: LONG TERM FUEL TRIM ADD. FUEL, BANK 2 SYSTEM TOO LEAN

OVERVIEW

Severity	:	<div><div>High</div></div>
DIY Difficulty Level	:	<div><div>Intermediate</div></div>
Repair Cost	:	\$50-\$500
Can I Still Drive?	:	No

What Does The Audi P1138 Code Mean?

Condition for setting the DTC: 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 Audi P1138 Code?

Below are some potential causes of this DTC:

- Air intake system leaking, vacuum hoses leaking or damaged
- Air leaks located after the MAF sensor mounting location
- EGR valve sticking, EGR diagramleaking, or gasket leaking
- EVAP vapor recovery system has failed
- Excessive fuel pressure

Reference Sources

- Audi of America, 2013, [Technical Service Bulletin](#).
- Audi of America, 2015, [Technical Service Bulletin](#).
- Audi of America, 2020, [Technical Service Bulletin](#).
- Audi of America, 2020, [Technical Service Bulletin](#).

- Omnitek Engineering Corp., 2020, [Diagnostic Trouble Code \(DTC\) Guide for Omnitek ECM 64A/66A/88A](#), page 132.
- <a