

AUDI P1197: O2 SENSOR HEATER CIRCUIT (BANK 2-SENSOR 1) ELECTRICAL MALFUNCTION

OVERVIEW

Severity	:	<div><div></div></div> High
DIY Difficulty Level	:	<div><div>Intermediate</div></div>
Repair Cost	:	\$100-\$300
Can I Still Drive?	:	Yes

What Does The Audi P1197 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 Audi P1197 Code?

- HO2S heater power circuit is open
- HO2S heater ground circuit is open
- HO2S signal tracking (due to oil or moisture in the connector)
- HO2S is damaged or has failed
- ECM has failed
- Oxygen sensor (before catalytic converter) is faulty
- Oxygen sensor (behind catalytic converter) is faulty
- Oxygen sensor heater (before catalytic converter) is faulty
- Oxygen sensor heater (behind catalytic converter) is faulty

Reference Sources

Audi of American, 2013, [Technical Service Bulletin](#).