

## AUDI P117A: O2S (BANK 1, SENSOR 3)

### OVERVIEW

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

### What Does The Audi P117A Code Mean?

Lambda control, closed loop 2nd lambda control, closed loop 3rd lambda control, closed loop Modeled exhaust gas temp, >400° C Engine speed, 1500-6300 RPM Engine load, 14-120% Electrical check, ready, no fault O2S heater rear 1, ready, no fault O2S heater rear 2, active

### What Are The Potential Causes Of The Audi P117A Code?

- O2 sensor circuit has shorted to ground or B+
- O2 sensor circuit is open
- ECM has failed
- O2 sensor has failed
- Intake Manifold Runner Position Sensor is faulty
- Intake system for leaks (false air) is faulty
- Motor for intake flap is faulty

### Reference Sources

Audi, 2013, [2013 Audi TT Quick Reference Specification Book](#), page 195.