

AUDI P1546: BOOST PRESSURE CONTROL VALVE SHORT TO B+

OVERVIEW

Severity	:	High
DIY Difficulty Level	:	Intermediate
Repair Cost	:	\$200-\$350
Can I Still Drive?	:	Yes (Short-term only)

What Does The Audi P1546 Code Mean?

This code indicates the condition that engine started, battery voltage at least 11.5v, all electrical components off, ground connections between engine and chassis well connected, coolant temperature at least 80-degrees Celsius. The ECM detected an short in the boost pressure control valve.

What Are The Potential Causes Of The Audi P1546 Code?

Below are some potential causes of this DTC:

- Charge air pressure sensor is faulty
- Voltage supply to the charge air pressure sensor is open or shorted
- Check the charge air system for leaks
- Recirculating valve for turbocharger is faulty
- Turbocharging system is damaged or not functioning properly
- Turbocharger recirculating valve is faulty
- Vacuum diagramfor turbocharger is out of adjustment
- Wastegate bypass regulator valve is faulty
- Boost sensor has failed
- ECM has failed

Reference Sources

[Audi A4 Avant 95-01 Service Repair Manual](#), page 56.