

AUDI P13D3: SENSOR FOR INTERNAL PRESSURE OF CYLINDER 2 IMPLAUSIBLE SIGNAL

OVERVIEW

Severity	:	<div><div>High</div></div>
DIY Difficulty Level	:	<div><div>Intermediate</div></div>
Repair Cost	:	\$100-\$250
Can I Still Drive?	:	No

What Does The Audi P13D3 Code Mean?

Condition for setting the DTC:

Engine running, throttle open. Engine condition = running throttle valve open environmental press. > 750hPa engine condition = fuel cutoff ECT > 69.96° C engine condition = fuel cutoff throttle valve open EGR valve closed swirl valve closed IAT > 2° C. . . < 44° C ECT > 60° C < 100° C

How Can You Fix The Audi P13D3 Code?

Step 1: Check for loose connections by performing a push or pull test of the connectors. If on a push test, a click can be felt; if on a pull test, the connector comes off very easily. If the connector is loose, properly seat the connector, clear any DTCs, and test drive the vehicle. Do not replace the glow plug if a loose connection is found and no faults return after the test drive. If a fault returns, continue to 2.

Step 2: Check the glow plug by swapping the glow plug from the affected cylinder with the glow plug from an adjacent cylinder without a fault.

Step 3: Check the glow plug wiring harness and connectors. While checking the harness you can monitor MVW 141 or in UDS equipped vehicles, monitor the Miximal_Cylinder_Pressure_Cylinder_X values for each cylinder while manipulating the harness and connectors, watching for changes in

the readings. If the harness is found to be at fault, perform the appropriate repairs to the harness (overlay).

Step 4: Replace the glow plug

Reference Sources

[Technical Service Bulletin for P13D3](#) - Audi of America, Inc; 2010–2014 A3 TDI & 2015 A3 Sportback TDI