

Advanced Technical Information

Macan **2**
1502 2470

Check Engine Light is illuminated and fault P0299 stored in the DME

Binder - Advanced Technical Information
 Replaces ATI 2 1502 dated 6-17-15

Vehicle Type: **Macan Turbo**

Model Year: **2015 to present**

Concern: Fault P0299 stored in the DME

Information: Fault P0299 is stored when the actual boost level deviates from the specified boost level for greater than 3 seconds. Anything that can cause incorrect boost levels will set this fault, such as leaks in the intake/intercooler system, leaks in the boost control system (i.e. vacuum lines to the diverter valves, pressure converter and vacuum reservoir).

All possible fault causes outlined in Guided Fault Finding **MUST** be addressed.

If all of the possible causes are ruled out, then program the DME with PIWIS II software version 15.500 or higher.

Some diagnostic hints:

Check the freeze frame data of the fault. If the fault occurred at:
 <2500rpm/<60% engine load, this is most likely a software issue
 >2500rpm/>60% engine load, this is most likely a hardware issue (i.e. vacuum leak in a boost control line, or disconnected boost hose)

If the software version of the DME is W08B10684UM06, or higher, then the DME has already been updated with the software to correct this issue and there is most likely a hardware issue.

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Distribution	Asst. Manager	Warranty Admin.	Service Technician				
Routing							

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