

Advanced Technical Information

Macan

1502 2470

2

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.

Dealership	Service Manager	Shop Foreman	Service Technician				
Distribution							
Routing	Asst. Manager	Warranty Admin.	Service Technician				

Dr. Ing. h.c. F. Porsche AG is the owner of numerous trademarks, both registered and unregistered, including without limitation the Porsche Crest®, Porsche®, Boxster®, Carrera®, Cayenne®, Cayman®, Macan®, Panamera®, Speedster®, Spyder®, 918 Spyder®, Tiptronic®, VarioCam®, PCM®, PDK®, 911®, RS®, 4S®, FOUR, UNCOMPROMISED®, and the model numbers and the distinctive shapes of the Porsche automobiles such as, the federally registered 911 and Boxster automobiles. The third party trademarks contained herein are the properties of their respective owners. Porsche Cars North America, Inc. believes the specifications to be correct at the time of printing. Specifications, performance standards, standard equipment, options, and other elements shown are subject to change without notice. Some options may be unavailable when a car is built. Some vehicles may be shown with non-U.S. equipment. The information contained herein is for internal authorized Porsche dealer use only and cannot be copied or distributed. Porsche recommends seat belt usage and observance of traffic laws at all times.