Additional Coolant Pump Fault (P0C4700) Causes MIL

Attention: **Service Personnel**

Vehicle Type: **Cayenne PHEV (92A)**

Model Year: **2015 - 2017**

Customer Concern: The customer observes a Malfunction Indicator Lamp (MIL). (*Note*: Typically, this MIL is the only symptom of this issue.)

Technical Concern: The technician confirms the MIL and notes P0C4700 is present in the high-voltage battery.

Service Information: In many cases, technicians noted one or more of the following root causes:
a) Corrosion on Ground Pin 6B (See figures 1 and 2.)
b) Corrosion on the connector to the secondary low temperature coolant pump.
c) A bad ground or otherwise unsound wiring.

The service recommendation is to check the ground, connector, and wiring for corrosion and circuit continuity. Repair the ground, connector, or wiring as needed. Sometimes, the ground bolt is painted and not adequately conductive. In this case, clean the ground bolt and eyelet using a wire brush and sandpaper.

If the ground, connector, and wiring are acceptable, replace the electric water pump and the electric water pump relay.

As always, be sure to document the repair completely in PQIS.

For this repair, please code the “cause” as follows:

Cause location:	19450	Additional coolant pump
Cause symptom:	1611	No function

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Service Information:
(cont'd)

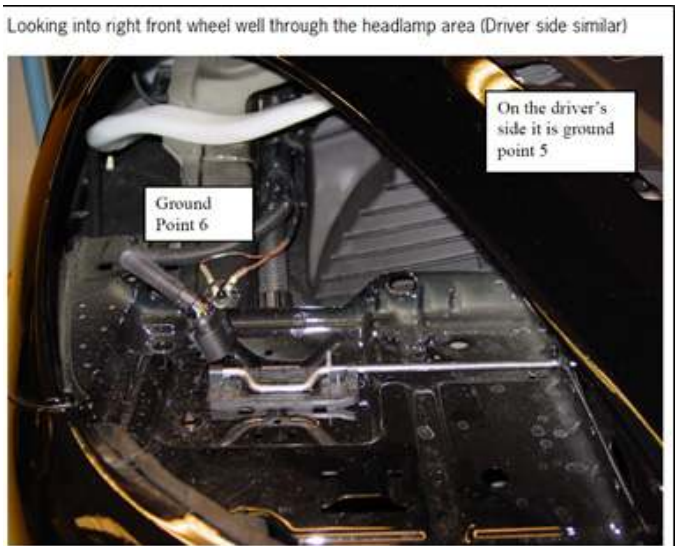


Figure 1 – Ground Pin 6B



Figure 2 – Example of corrosion on ground point

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