

### **Permanent Diagnostic Trouble Codes (PDTCs) – Requirement for Ignoring in CARB California Smog Inspections**

---

#### **Vehicles Affected**

<b>Models</b>	<b>Model Year</b>	<b>Model Type</b>	<b>VIN Range</b>	<b>Vehicle-Specific Equipment</b>
All	As of 2010	All	N/A	N/A

#### **Revision History**

<b>Revision</b>	<b>Release Date</b>	<b>Changes</b>
0	October 31, 2023	Original document

#### **Condition**

Customer complains of a 'Permanent' fault memory that can't be erased to get a vehicle to pass smog inspection in California. Most of the time, the emissions technicians do not understand the laws regarding PDTCs and fail vehicles as a result.

#### **Technical Background**

PDTC presence can be ignored if the vehicle has completed at least 15 warm-up cycles and been driven at least 200 miles since its OBD information was last cleared (as determined by Mode \$01 PID \$30 and \$31). For more information regarding PDTCs, please visit [www.bar.ca.gov](http://www.bar.ca.gov)

### Service Information

To address PDMs that cannot be erased for a vehicle to pass emissions inspections in California, use the PIWIS Tester Scan Tool function in the Diagnostic Menu. This function should verify the values below these values can be found in the Actual Values section of the PIWIS Scan Tool.

\$01 = Monitor status since DTCs cleared

\$30 = Number of warm-ups since DTCs cleared

\$31 = Distance traveled since DTCs cleared.

\*Do not clear DME fault memory even if it is empty.\*

If there is no change in fault memory status after 200 miles/15 warm-up cycles, the PDMs can be ignored and 'pass' the emissions inspection.

### Search Items

Smog Inspection, Fault Memory

---

**Important Notice:** Technical Bulletins issued by Porsche Cars North America, Inc. are intended only for use by professional automotive technicians who have attended Porsche service training courses. They are written to inform those technicians of conditions that may occur on some Porsche vehicles, or to provide information that could assist in the proper servicing of a vehicle. Porsche special tools may be necessary in order to perform certain operations identified in these bulletins. Use of tools and procedures other than those Porsche recommends in these bulletins may be detrimental to the safe operation of your vehicle, and may endanger the people working on it. Properly trained Porsche technicians have the equipment, tools, safety instructions, and know-how to do the job properly and safely. Part numbers listed in these bulletins are for reference only. The work procedures updated electronically in the Porsche PIWIS diagnostic and testing device take precedence and, in the event of a discrepancy, the work procedures in the PIWIS Tester are the ones that must be followed.

---