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**GROUP:** Electrical

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**SUBJECT:**

1/1 O2 Sensor Usage

**MODELS:**

2005	(CS)	Pacifica
2005	(RS)	Town & Country/Caravan/Voyager
2005	(RG)	Chrysler Voyager (International Markets)

**NOTE: This bulletin applies to 2005 CS vehicles equipped with a 3.8L engine (sales code EGH), 2005 RS or 2005 RG vehicles equipped with a 3.3/3.8L engine (sales code EGA, EGM and EGH).**

**DISCUSSION:**

A new 1/1 O2 sensor (PN 56029085AA) has been introduced on the 3.3/3.8L engines for the 2005 RS/RG and CS vehicles built after July 8, 2004 (MDH 0708XX). Installing an incorrect 1/1 O2 sensor will cause a MIL illumination for DTC P0135 - O2 Sensor 1/1 Heater Performance to be set.

The operation of the new O2 sensor has also changed. The new 1/1 O2 sensor runs at 100% duty cycle all the time because the resistance of the heater is higher. Monitoring the 1/1 O2 sensor with the DRBIII® while the vehicle is in the service bay will show 100% duty cycle, which is normal for this new sensor.

**2005 Model Year 1/1 O2 Sensor Usage**

Part No.	Build Date	Heater Resistance	Description	Sales Code
56029085AA	built after July 8, 2004	7.5 to 10 ohm at 70° F (20° C)	1/1 O2 Sensor	XZZ
56029052AA	built on or before July 8, 2004	2.0 to 2.8 ohms at 70° F (20° C)	1/1 O2 Sensor (blue wire in sensor pigtail)	-XZZ

**POLICY:**

Information Only.



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