



Applies To: **2007-08 RDX – ALL**  
**2009 RDX – From VIN 5J8TB1...9A000001 thru 5J8TB1...9A007865**

July 15, 2011

## Amber Brake System Indicator Is On With DTC P16D9 (Supersedes 09-040, dated September 3, 2009, to revise the information marked by the black bars)

### REVISION SUMMARY

Under WARRANTY CLAIM INFORMATION, the flat rate time was changed because the MVCI updates control modules more efficiently.

### SYMPTOM

The amber brake system indicator (electric vacuum pump indicator) is on, and DTC P16D9 (powertrain control module [PCM] internal circuit malfunction) is stored.

### PROBABLE CAUSE

The PCM misinterprets electric vacuum pump feedback as a problem with the electric vacuum pump system.

### CORRECTIVE ACTION

Update the PGM-FI software.

### SOFTWARE INFORMATION

HDS Software Version:

2.018.016 (July 2009) (aqua) **or later**.

Control Module (CM) Update:

Database Update 24-JUN-2009 **or later**.

NOTE: To avoid an incorrect repair that would not be covered under warranty, use the software version listed above or a later version.

The updated PGM-FI software program ID and P/N are shown below. If the HDS or MVCI is loaded with the latest software, and it displays **No Update Needed** during the update, the software for this service bulletin is already installed.

Year/Model	Program ID (or later)	Program P/N (or later)
2007-09 RDX	WCA570	37805-RWC-A57

### WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number: 125517

Flat Rate Time: 0.2 hour

Defect Code: 03214

Symptom Code: 03203

Failed Part: P/N 37820-RWC-A56

Skill Level: Repair Technician

### REPAIR PROCEDURE

Update the PGM-FI software. Refer to Service Bulletin 01-026, *Updating Control Units/Modules*.

*Does DTC P16D9 return after the update?*

**Yes** – Check for fuel and emissions DTCs, and do the indicated DTC's troubleshooting.\*

**No** – Return the vehicle to the client.\*

\* On vehicles equipped with a navigation system and AcuraLink (Technology Package models), once the software is updated and all DTCs are resolved and cleared, do the following steps to delete the stored diagnostic message:

1. Turn the ignition switch to ON (II).
2. Select **OK** on the navigation disclaimer screen.
3. Press and hold the **MAP/GUIDE, MENU,** and **CANCEL** buttons on the navigation control panel for 3 seconds. The navigation screen displays the Select Diagnosis Items menu.
4. From the Select Diagnosis Items menu, select **XM (HIP)**.
5. From the XM (HIP) menu, select **XM (HIP) ECU**. The Select a Diagnosis Item menu appears on the screen.
6. From the Select a Diagnosis Item menu, select **Diagnostic Info**.
7. From the Diagnostic Info menu, select the electric vacuum pump system message item. When the message appears, select **Delete**, then select **Yes**.