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GROUP: Vehicle Performance

DATE: September 11, 2008

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THIS BULLETIN SUPERSEDES TECHNICAL SERVICE BULLETIN 18-019-08, DATED April 25, 2008, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **ASTERISKS**** AND INCLUDE THE ADDITION OF 2007 MODEL YEAR.**

THE StarSCAN® FLASH FILES FOR THIS BULLETIN MUST BE RETRIEVED FROM THE INTERNET.

StarSCAN® SOFTWARE LEVEL MUST BE AT RELEASE 9.02 OR HIGHER.

StarMOBILE DESKTOP CLIENT -OR- StarMOBILE STANDALONE MODE MAY ALSO BE USED TO PERFORM THE FLASH.

SUBJECT:

Flash: MIL Illumination with DTC P2173

OVERVIEW:

This bulletin involves selectively erasing and reprogramming the Powertrain Control Module (PCM).

NOTE: Vehicles equipped with a CVT transmission must have the transmission control module (TCM) checked for the latest software level whenever the PCM software is updated. If newer TCM software is available, it must be installed. Failure to maintain software coordination may result in MIL illumination or driveability concerns.

MODELS:

- **2007**** - 2008 (MK49) Compass
- **2007**** - 2008 (MK74) Patriot
- **2007**** - 2008 (PM) Caliber

NOTE: **This Bulletin applies to:****

- 2007 models equipped with a 1.8L, 2.0L or 2.4L (Sales Code EBA, ECN or ED3)
- ****2008** models equipped with a 2.0L or 2.4L engine & automatic CVT2 transmission (Sales Code ECN or ED3 with DAV or DAW) built prior to April 2, 2008 (MDH 0402XX) or 1.8L/2.4L Engine with Manual transmission (Sales Code EBA or ED3)



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with DD7) built prior to February 3, 2008 (MDH0203XX).**

SYMPTOM/CONDITION:

Some customers may experience intermittent MIL illumination with electronic throttle control (ETC) lamp illumination. This may occur during high vehicle speeds or load conditions. Limp in may occur. If the vehicle ignition is “Keyed” off and the vehicle restarted, the vehicle will operate normally. Further investigation by the technician may find DTC P2173 - High Airflow/Vacuum Leak Detected (Slow Accumulation).

DIAGNOSIS:

Using a Scan Tool (StarSCAN®) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all engine systems are functioning as designed. If DTC's other than P2173 are present record them on the repair order and repair as necessary before proceeding further with this bulletin.

If the above symptom/condition is experienced and the cause for the condition cannot be determined, perform the Repair Procedure.

PARTS REQUIRED:

Qty.	Part No.	Description
1	04275086AB	Label, Authorized Modification

SPECIAL TOOLS / EQUIPMENT REQUIRED:

NPN	Battery Charger
CH9401	StarSCAN® Tool
CH9404D	StarSCAN® Vehicle Cable
CH9409	StarSCAN® Documentation Kit
CH9410	StarSCAN® Ethernet Cable, 12 ft.
CH9412	StarSCAN® Software Update Device Kit
	TechCONNECT PC or equivalent

REPAIR PROCEDURE - USING THE INTERNET TO RETRIEVE THE FLASH FILE:

NOTE: If this flash process is interrupted/aborted, the flash should be restarted.

1. Reprogram the PCM with the latest software. Follow the detailed service procedures available in DealerCONNECT/TechCONNECT, Refer To Group 8 - Electrical > Electronic Control Modules - Service Information > Module - Powertrain Control > Standard Procedures > PCM/ECM Programming - Gas.
2. Type the necessary information on the “Authorized Modification Label” and attach it near the VECI label.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Amount
18-19-03-39	Module, Global Powertrain Engine Controller (GPEC) - Reprogram (B)	0.4 Hrs.
18-19-03-40	Module, Global Powertrain Engine Controller (GPEC) & Transmission Control (TCM) - Reprogram (B) Only Required if TCM is not at latest level	0.5 Hrs.

FAILURE CODE:

ZZ	Service Action
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