



**NUMBER:** 18-032-11

**GROUP:** Vehicle Performance

**DATE:** June 24, 2011

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**THIS BULLETIN SUPERSEDES SERVICE BULLETIN 18-015-10 REV. C, DATED AUGUST 12, 2010, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **\*\*ASTERISKS\*\*** AND INCLUDE ADDITIONAL VEHICLE MODELS.**

**HELP USING THE wiTECH DIAGNOSTIC APPLICATION FOR FLASHING AN ECU IS AVAILABLE BY SELECTING “HELP” THEN “HELP CONTENTS” AT THE TOP OF THE wiTECH DIAGNOSTIC APPLICATION WINDOW.**

**THE wiTECH SOFTWARE LEVEL MUST BE AT RELEASE 11.03 OR HIGHER TO PERFORM THIS PROCEDURE.**

**StarMOBILE DESKTOP CLIENT MAY ALSO BE USED TO PERFORM THIS PROCEDURE.**

***SUBJECT:***

Flash: MIL Illumination For P2181 - Cooling System Performance

***OVERVIEW:***

This bulletin involves flash reprogramming the Powertrain Control Module (PCM) with new software.

***MODELS:***

2009	(JC)	Journey
2007 - 2009	(JS)	Sebring/Avenger/Sebring Convertible
2008	(JK)	Wrangler
2008 - 2010	(K1)	Cherokee (CKD)
2009	(LC)	Challenger
2007 - 2010	(LE)	300C/300C Touring (International Markets)
2007 - 2010	(LX)	300/300 C/Charger/Magnum
2007 - 2009	(L2)	300 (China)
2008 - 2009	(RT)	Town & Country/Grand Voyager
<b>**2007**</b> - 2009	(WK)	Grand Cherokee
<b>**2007**</b> - 2009	(WH)	Grand Cherokee (International Markets)
<b>**2007**</b> - 2009	(XK)	Commander

**\*\*2007\*\* - 2009 (XH) Commander (International Markets)**

**NOTE: This bulletin applies to RT vehicles built with a 3.3L, 3.8L or 4.0L engine (Sales Codes EGV, EGL or EGQ).**

**NOTE: This bulletin applies to 2008 and 2009 WK/WH/XK/XH vehicles equipped with a 4.7L or 5.7L engine (Sales code EVE or EZB/EZH/EZD) and a automatic transmission (Sales code DGJ or DGQ).**

**NOTE: \*\*This bulletin applies to 2007 WK/WH/XK/XH vehicles equipped with a 5.7L engine (Sales code EZB) and a automatic transmission (Sales code DGQ)\*\*.**

**NOTE: This bulletin applies to JC and JS vehicles equipped with a 2.7L or 3.5L engine (Sales code EER or EGF) and a automatic transmission.**

**NOTE: This bulletin applies to LC/LE/LX/L2 vehicles equipped with a 2.7L or 3.5L engine (Sales code EER or EGG) and a 4-speed automatic transmission (sales code DGV).**

**NOTE: This bulletin applies to JK vehicles equipped with a 3.8L engine (Sales code EGT).**

**NOTE: This bulletin applies to K1 vehicles equipped with a 3.7L engine (Sales code EKG).**

***SYMPTOM/CONDITION:***

Some customers may complain of a MIL illumination. Upon further investigation the Technician may find that P2181 - Cooling System Performance has been set.

***DIAGNOSIS:***

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

If the vehicle operator describes or experiences the Symptom/Condition, perform the Repair Procedure.

***PARTS REQUIRED:***

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

**REPAIR PROCEDURE:**

**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. **After PCM reprogramming, the following must be performed:**
  - a. Clear any DTC's that may have been set in other modules due to reprogramming. The wiTECH application will automatically present all DTCs after the flash and allow the tech to clear them.
  - b. On 62TE equipped vehicles clear the Variable Line Pressure (VLP) Counters, found in the Misc Function menu for the PCM ECU.
  - c. Perform the Quick Learn function, found in the Misc Function menu for the PCM ECU.
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
18-19-06-90	Module, Powertrain Control (PCM) - Reprogram (C)	0.2 Hrs.

**FAILURE CODE:**

FM	Flash Module
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