



NUMBER: 18-010-10 REV. A

GROUP: Vehicle Performance

DATE: April 28, 2010

This bulletin is supplied as technical information only and is not an authorization for repair. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, or otherwise, without written permission of Chrysler Group LLC.

THIS BULLETIN SUPERSEDES SERVICE BULLETIN 18-010-10, DATED APRIL 9, 2010, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **ASTERISKS**** AND INCLUDE THE ADDITIONAL 2009 MODELS.**

THE wITECH DIAGNOSTIC APPLICATION IS THE PREFERRED METHOD FOR FLASHING ECUs. 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 10.03 OR HIGHER TO PERFORM THIS PROCEDURE.

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

SUBJECT:

Flash: MIL Illumination P013A And/Or P013C

OVERVIEW:

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

MODELS:

2009 - 2010 (WK)	Grand Cherokee
2009 - 2010 (WH)	Grand Cherokee (International Markets)
2009 - 2010 (XK)	Commander
2009 (XH)	Commander (International Markets)

NOTE: **This bulletin applies to all WK and XK vehicles equipped with a 3.7L engine (Sales code EKG) and a NAG1 automatic transmission (Sales code DGJ) or WK, WH, XK and XH vehicles equipped with a 4.7L engine (Sales code EVE) and a 545RFE automatic transmission (Sales code DGQ).******

NOTE: This bulletin applies to all WH vehicles equipped with a 3.7L engine (Sales code EKG) and a NAG1 automatic transmission (Sales code DGJ). built before March 23, 2010 (MDH 0323XX).



Stick with the Specialists™

SYMPTOM/CONDITION:

The customer may experience a MIL illumination. Upon further investigation the Technician may find that one or all of the following Diagnostic Trouble Codes (DTC) are present:

1. P013A - O2 Sensor 1/2 Slow Response - Rich to Lean
2. P013C - O2 Sensor 2/2 Slow Response - Rich to Lean

Updating the PCM software will correct the conditions listed above.

DIAGNOSIS:

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

If the above condition is present, 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.
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-G6	Module, Powertrain Control (PCM) - Reprogram (C)	0.2 Hrs.
International Related Operation		
18-00-00-WT	StarMOBILE (International) (C)	0.2 Hrs.

FAILURE CODE:

FM	Flash Module
----	--------------