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GROUP: Electrical

DATE: May 14, 2010

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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 10.04 OR HIGHER TO PERFORM THIS PROCEDURE.

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

SUBJECT:

Flash: WIN Module For Intermittent RKE Functions

OVERVIEW:

This bulletin involves flash reprogramming the Wireless Ignition Node (WIN) with new software.

MODELS:

2010	(DS)	Ram Truck 1500
2010	(JC)	Journey
2010	(LC)	Challenger
2010	(LE)	International 300 or Charger
2010	(LX)	300 and/or Charger
2010	(WK)	Grand Cherokee
2010	(WH)	International Grand Cherokee
2010	(XK)	Commander
2010	(XH)	International Commander

SYMPTOM/CONDITION:

Customer may experience intermittent FOB/K operating characteristics. Dealers are required to verify the manufacturer of the Wireless Ignition Node Module (WIN) and if necessary, Flash the WIN with updated software.



DIAGNOSIS:

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

REPAIR PROCEDURE:

Check manufacturer of WIN Module

1. Using the wiTECH Diagnostic Application verify the WIN module is manufactured by Marquardt
2. Click on the reports tab on the top of the main page.
3. Select Run/View Reports.
4. Select ECU Details report.
5. Click on the arrow key to run the report.
6. Scroll to the bottom to find the WIN section.
7. Check the supplier ID. Is the Supplier Marquardt?
 - a. No >>> Inspection is complete. Please refer to normal diagnostics for the customers concern.
 - b. Yes >>> Continue with step 8.
8. Now check the software version listed on the same page. Is the WIN software version lower than 10.02.01?
 - a. No >>> Inspection is complete check for other issues causing customer concern
 - b. Yes >>> Continue with the repair procedure step 9.

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

9. Using the wiTECH Diagnostic Application for flashing a WIN is made available through the wiTECH Diagnostic Application. For instructions select the "HELP" tab on upper portion of the wiTECH window, then "HELP CONTENTS." This will open the Welcome to wiTECH Help screen where help topics can now be selected.
10. 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.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Amount
18-80-32-95	Inspect for Supplier of WIN (C)	0.2 Hrs.
18-80-32-96	Inspect and Flash WIN Module (C)	0.2 Hrs.
International Related Operation		
18-00-00-WT	StarMOBILE (International) (C)	0.2 Hrs.

FAILURE CODE:

FM	Flash Module
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