



**NUMBER:** 08-024-11 REV. A

**GROUP:** Electrical

**DATE:** July 01, 2011

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**THIS BULLETIN SUPERSEDES SERVICE BULLETIN 08-024-11, DATED JUNE 15, 2011, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **\*\*ASTERISKS\*\*** AND INCLUDE ADDED D SERIES TRUCKS AND SPECIAL CONSIDERATION FOR HANDLING VEHICLES EQUIPPED WITH A CUMMINS DIESEL.**

**THIS SERVICE BULLETIN IS ALSO BEING RELEASED AS RAPID RESPONSE TRANSMITTAL (RRT) 11-047. ALL APPLICABLE SOLD AND UN-SOLD RRT VIN'S HAVE BEEN LOADED. TO VERIFY THAT THIS RRT SERVICE ACTION IS APPLICABLE TO THE VEHICLE, USE VIP OR PERFORM A VIN SEARCH IN TECHCONNECT. ALL REPAIRS ARE REIMBURSABLE WITHIN THE PROVISIONS OF WARRANTY.**

**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 **\*\*12.01\*\*** OR HIGHER TO PERFORM THIS PROCEDURE.**

***SUBJECT:***

Flash: Intermittent No Start Or Intermittent RKE Function

***OVERVIEW:***

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

**MODELS:**

**2011	(DD)	Ram 3500 Cab Chassis**
**2011	(DJ)	Ram 2500 Pickup**
**2011	(DP)	Ram 4500 / 5500 Cab Chassis**
2011	(DS)	Ram 1500 Pickup
**2011	(DX)	Reg Cab Chassis (Mexico)**
2011	(LC)	Challenger
2011	(RT)	Caravan / Town & Country
2011	(W2)	Grand Cherokee (CKD)
2011	(WD)	Durango
2011	(WK)	Grand Cherokee

**NOTE: This bulletin applies to \*\*DD, DJ, DP, DS, DX\*\* vehicles built before April 7, 2011 (MDH 0407XX) equipped with Remote Keyless Entry (Sales Code GXM).**

**NOTE: This bulletin applies to LC, W2, WD, WK vehicles built before April 7, 2011 (MDH 0407XX).**

**NOTE: This bulletin applies to RT vehicles built before April 12, 2011 (MDH 0412XX).**

**SYMPTOM/CONDITION:**

The service flash corrects the following conditions:

- Intermittent no start
- Intermittent RKE function

The above conditions may be caused by a software lockup in the module. The lockup condition may be cleared by removing and reinserting fuse M27.

Flash reprogramming the WIN will correct these conditions.

**DIAGNOSIS:**

Verify that the Wireless Ignition Node is functioning as designed. If DTC's are present, record them on the repair order and repair as necessary before proceeding further.

If a customer's VIN is listed in VIP or your RRT VIN list, perform the repair. For all other customers that describe the symptom/condition, perform the Repair Procedure.

**REPAIR PROCEDURE:**

**WARNING:\*\*If this flash process is interrupted/aborted, Do NOT cycle the ignition. The diagnostic session requires the WIN to report the ignition position and with a failed/aborted flash the WIN can not report the ignition position. Cycling the key will result in a vehicle off road condition and Technical Advisor intervention and/or WIN replacement will be required.\*\***

**NOTE: Install a battery charger to ensure battery voltage does not drop below 13.2 volts. Do not allow the charging voltage to climb above 13.5 volts during the flash process.**

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

1. **\*\*The vehicle VIN must be reported on the CAN bus by the PCM in order to establish a wiTECH diagnostics session. Ensure that the wiTECH diagnostics session has been established before proceeding.\*\***
2. **\*\*Is the vehicle equipped with 6.7L I6 CUMMINS TURBO DIESEL ENGINE (sales code ETJ)?**
  - a. YES >> Remove the 30 Amp PCM Fuse (J3) located in the TIPM and proceed to [Step #3](#).
  - b. NO >> Proceed to [Step #3](#).
3. Flash reprogram the WIN. Help using the wiTECH Diagnostic Application for flashing Wireless Ignition Node 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 be selected.
4. **\*\*Is the vehicle equipped with 6.7L I6 CUMMINS TURBO DIESEL ENGINE (sales code ETJ)?**
  - a. YES >> Reinsert the 30 Amp PCM Fuse (J3), ensure the TIPM cover is fully closed, and proceed to [Step #5](#)
  - b. NO >> Proceed to [Step #5](#).
5. 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
18-80-32-97	Wireless Ignition Node, Flash Reprogram (C)	0.2 Hrs.

**FAILURE CODE:**

FM	Flash Module
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