



**NUMBER:** 08-005-04

**GROUP:** Electrical

**DATE:** February 3, 2004

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**THE SOFTWARE IN THE DRBIII® MUST BE OPERATING WITH VERSION 59.0 OR HIGHER AVAILABLE ON TechCONNECT FEBRUARY 3, 2004.**

**SUBJECT:**

Erroneous Actuation of Horns, Headlamps, and Parking Lamps while vehicle is parked

**OVERVIEW:**

This bulletin involves replacing or reprogramming the Front Control Module (FCM).

**MODELS:**

- 2001 - 2004 (RG) Chrysler Voyager (International Markets)
- 2001 - 2004 (RS) Town & Country/Caravan/Voyager

**SYMPTOM/CONDITION:**

While the vehicle is parked the customer may experience the horn sounding on and off, flashing the headlamps and the parking lamps as if the security alarm was actuated. The technician may find the vehicle is not equipped with Security Alarm system (sales code LSA).

**DIAGNOSIS:**

1. Using a Scan Tool (DRBIII®) with the appropriate Diagnostic Procedures Manual, verify all engine systems are functioning as designed. If DTCs are present record them on the repair order and repair as necessary before proceeding further with this bulletin.
2. Determine the "Hardware Part #" of the FCM. Using the DRBIII® select:
3. DRBIII Standalone
4. 1998 - 2005 Diagnostics
5. All
6. Body Interior
7. FCM/IPM
8. Module Display
9. Record the "Hardware Part #" on the repair order for later reference.
10. The condition is not easy to duplicate. If the customer describes the Symptom/Condition and the vehicle is **not** equipped with Security Alarm system, perform the Repair Procedure based on the table below. If the vehicle is equipped with Security Alarm system, further diagnosis is necessary and this bulletin does not apply.

**REPAIR PROCEDURE TABLE**

Year	Model	Current FCM p/n	Repair Procedure
2001 - 2002	RS	04869000AJ	B
2003	RS	04727079AC	B

Year	Model	Current FCM p/n	Repair Procedure
2004	RS	04748479AC	B
2003	RS	04727079AD 04727079AE	A
2001 - 2002	RG	04869001AJ	B
2003	RG	04727080AC	B
2004	RG	04727480AC	B
2003	RG	04727080AD 04727080AE	A

**PARTS REQUIRED:**

Qty.	Part No.	Description
1	04727079AF	Module, Front Control, 2003 RS Vehicles
1	04727080AF	Module, Front Control, 2003 RG Vehicles

**REPAIR PROCEDURE A:**

Replace the Front Control Module. Refer to the service information available in TechCONNECT or the appropriate service manual, Section 8E Electronic Control Modules, Front Control Module, Removal and Installation.

**REPAIR PROCEDURE B:**

1. Before beginning the reprogramming procedure, remove any old flash reprogramming files from the DRBIII® memory. To clear the memory from the MAIN MENU:
  - a. Simultaneously press the "MORE" and "YES" keys.
  - b. A screen will appear requesting a "COLD BOOT".
  - c. Follow the on screen instructions by selecting the "F4" key.
  - d. When the DRBIII® reboots to the MAIN MENU, proceed to
2. Open the hood, install a battery charger and verify battery state is above 12.5 volts.
3. Connect the DRBIII® to TechCONNECT. Open TechTOOLS and verify that the "Device Status: DRB Connected" message is in the upper right corner of the TechTOOLS screen.
4. Manually enter the VIN then TechTOOLS will populate the available updates.
5. Select the "FCM" calibration.
6. Select the "DRBIII" radio button which is next to the "Download/Update" button.
7. Select the "Download/Update" button.
8. Monitor the "Flash Download/Update Progress" window on the TechCONNECT and follow the instructions on TechCONNECT. When the flash process is complete proceed to
9. **Disconnect the DRBIII® from TechCONNECT.**
10. Connect the DRBIII® to the vehicle.
11. Download the flash from the DRBIII® to the vehicle. Using the DRBIII® select:
  - a. "Vehicle Flash"
  - b. Follow the directions on the DRBIII® screen.

**NOTE:** Due to the FCM programming procedure, a DTC may be set in other modules (TCM, PCM, MIC, SKIM, etc.) within the vehicle, if so equipped. Some DTC's may cause the MIL to illuminate. Check all modules using "Module Scan", record the DTC's, and erase these DTC's prior to returning the vehicle to the customer. Erase any DTC's in the PCM only after all other modules have had their DTC's erased.

***POLICY:***

Reimbursable within the provisions of the warranty.

***TIME ALLOWANCE:***

<b>Labor Operation No:</b>	<b>Description</b>	<b>Amount</b>
08-19-08-90	Replace Front Control Module	0.2 Hrs.
08-19-08-91	Reprogram Front Control Module	0.5 Hrs.

***FAILURE CODE:***

58	Internal Defect
FM	Flash Module