



December

Distributor/Dealer Service Instructions for:

## **Safety Recall G31**

# **TIPM Re-Configure, Headlamp Leveling**

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### **Models**

**2007 – 2008 (JS/PM/MK) Sebring, Avenger, Caliber, Compass and Patriot vehicles (International Markets Only)**

***NOTE: This Safety Recall applies only to the above vehicles built at the Sterling Heights Assembly Plant through June 25, 2007 (MDH 0625XX) and the Belvidere Assembly Plant through July 30, 2007 (MDH 0730XX).***

***IMPORTANT: Many of the vehicles within the above build period have already been inspected or repaired and, therefore, have been excluded from this Safety Recall.***

**IMPORTANT: Some of the involved vehicles may be in distributor/dealer used vehicle inventory. Distributors/Dealers should complete this recall service on these vehicles before retail delivery. Distributors/Dealers should also perform this repair on vehicles in for service. Involved vehicles can be determined by using the VIP inquiry process.**

### **Subject**

The Totally Integrated Power Module (TIPM) may be configured incorrectly preventing the Headlamp Leveling System from operating properly.

**Repair**

The Totally Integrated Power Module (TIPM) must be Re-Configured.

**Special Tools**

**The following existing special tools are required to perform this repair:**

- CH9401\* StarSCAN® Tool
- CH9404\* StarSCAN® Vehicle Cable
- CH9409\* StarSCAN® Documentation Kit
- CH9410\* StarSCAN® Ethernet Cable 12 ft.
- CH9412\* StarSCAN® Software Update Device Kit
- NPN TechCONNECT PC
- NPN StarSCAN® Software Update CD

\* Part of CH9400 kit.

**Service Procedure**

***NOTE: Use StarSCAN® to perform this Safety Recall. This procedure must be performed using software release 8.03 or higher.***

**Re-Configure the TIPM using StarSCAN®**

1. Open the hood. Install a battery charger and verify that the charging rate provides 13.0 to 13.5 volts. Do not allow the charger to time out during the process. Set the battery charger timer (if so equipped) to continuous charge.

**NOTE: Use an accurate stand alone voltmeter. The battery charger voltmeter may not be sufficiently accurate. Voltages outside of the specified range will cause an unsuccessful flash. If voltage reading is too high, apply an electrical load by activating the park or headlamps and/or HVAC blower motor to lower the voltage.**

2. Connect the CH9410 StarSCAN® Ethernet cable to the StarSCAN® and the dealer's network drop.

3. Connect the CH9404 StarSCAN® vehicle cable to the StarSCAN® and the vehicle.
4. Place the Ignition in the “**RUN**” position, then Power “**ON**” the StarSCAN®.
5. Re-Configure the TIPM as Follows:
  - a. With the StarSCAN® on the “**Home**” screen, select “**ECU View**”.
  - b. Select “**TIPMCGW Central Gateway**” in the list of modules.
  - c. Select “**Misc Functions**”.
  - d. Select “**Restore Vehicle Configuration**”.
  - e. Press “**Start**”.
  - f. Follow the prompts listed on the StarSCAN®.
  - g. When prompted, Enter the full 17 digit VIN found on the VIN plate.

**NOTE: Assure the correct VIN is input into the StarSCAN®.**

- h. Select “**Next**”.

**NOTE: The StarSCAN® must be connected to the dealer network drop.**

- i. Follow the prompts listed on the StarSCAN®.
6. Check and clear any Diagnostic Trouble Codes (DTC’s) that may have been set.
7. Turn the ignition key to the “**OFF**” position and remove the StarSCAN® unit, StarSCAN® cable, and battery charger from the vehicle.

**Completion Reporting and Reimbursement**

Claims for vehicles that have been serviced must be submitted on the DealerCONNECT Claim Entry Screen located on the Service tab. Claims submitted will be used by Chrysler to record recall service completions and provide dealer payments.

Use the following labor operation number and time allowance:

	<b>Labor Operation Number</b>	<b>Time Allowance</b>
Re-Configure Totally Integrated Power Module	08-G3-11-81	0.2 hours

NOTE: See the Warranty Administration Manual, Recall Claim Processing Section, for complete recall claim processing instructions.

**Distributor/ Dealer Notification and Vehicle List**

**Regional offices will receive an electronic list of involved vehicles.** The Vehicle List is arranged by Distributor/Dealer code and in Vehicle Identification Number (VIN) sequence. The lists are for Distributor/Dealer reference in arranging for service of involved vehicles.

**Owner Notification and Service Scheduling**

All involved vehicle owners should be notified of the service requirement by their Distributor/Dealer. Owners are requested to schedule appointments for this service. A sample copy of the owner notification letter is attached.

**Vehicle Lists, Global Recall System, VIP and Distributor/Dealer Follow up**

All involved vehicles have been entered into the Global Recall System (GRS) and Vehicle Information Plus (VIP) for Distributor/Dealer inquiry as needed.

GRS provides involved Distributors/Dealers with an updated VIN list of their incomplete vehicles. Completed vehicles are removed from GRS within several days of repair claim submission.

**Distributors/Dealers must perform this repair on all unsold vehicles before retail delivery.** Distributors/Dealers should also use the VIN list to follow up with all owners to schedule appointments for this repair.

**Additional Information**

If you have any questions or need assistance in completing this action, please contact your International Service and Parts Manager.

Global Service & Parts - International  
Chrysler LLC



## SAFETY RECALL TO RE-CONFIGURE THE HEADLAMP LEVELING SYSTEM

Dear Chrysler, Jeep or Dodge Owner:

Chrysler has determined that a defect, which relates to Vehicle Safety, exists in some **2007 – 2008 model year Chrysler Sebring, Dodge Avenger, Jeep Compass or Patriot, vehicles.**

***The problem is...*** The Headlamp Leveling System may not operate properly.

***What your dealer will do...*** **Chrysler will repair your vehicle free of charge (parts and labor).** To do this, your dealer will Re-Configure the module that controls the Headlamp Leveling System. The work will take about ½ hour to complete. However, additional time may be necessary depending on how dealer appointments are scheduled and processed.

***What you must do...*** Simply **contact your dealer** right away to schedule a service appointment.

***If you need help...*** If you have trouble getting your vehicle serviced, please contact the Chrysler **Distributor** nearest your location. A representative will assist you in getting your vehicle serviced. This information can be found in the Customer Assistance section of your Owner's Manual.

We apologize for any inconvenience, but we are sincerely concerned about your Satisfaction with your vehicle. Thank you for your attention to this important matter.

*Buckle up  
for Safety*

Global Service & Parts – International  
Chrysler LLC  
*Notification Code G31*