

Dealer Service Instructions for:

# **Safety Recall E18**

## **Reprogram Totally Integrated Power Module (TIPM)**

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### **Models**

**2006 (DR) Dodge Ram Light Duty 4x4 Pick Up Truck**

*NOTE: This recall applies only to the above vehicles equipped with a NV246 transfer case (sales code DH8) built from February 9, 2005 through September 7, 2005 (MDH 020910 through 090708).*

**IMPORTANT: Some of the involved vehicles may be in dealer new vehicle inventory. Federal law requires you to complete this recall service on these vehicles before retail delivery.** Dealers should also consider this requirement to apply to used vehicle inventory and should perform this recall on vehicles in for service. Involved vehicles can be determined by using the VIP inquiry process.

### **Subject**

The Totally Integrated Power Module (TIPM) on about 135 of the above vehicles contains an incorrect calibration that may inadvertently cause the transfer case to default into neutral and allow unintended movement of the vehicle. If this occurs and the parking brake is not applied, the vehicle could roll away with the transmission in the Park position and cause a crash without warning.

### **Repair**

The TIPM must be reprogrammed (flashed).

## **Parts Information**

No parts are required to perform this service procedure.

## **Special Tools**

**The following existing special tools may be 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**

### **Reprogram the TIPM**

1. Open the hood, install a battery charger and verify that the charging rate provides approximately 13.5 volts.
2. Shift the transfer case to “**4 Auto**” if not already in that position.
3. Connect the CH9410 StarSCAN<sup>®</sup> ethernet cable to the StarSCAN and the dealer's network drop (optional).
4. Connect the CH9404 StarSCAN vehicle cable to the StarSCAN and the vehicle.

**Service Procedure**

5. Place the Ignition in the “**RUN**” position, then Power “**ON**” the StarSCAN.
6. Retrieve the old ECU part number. Start at the StarSCAN at the “**Home**” screen and follow the procedure below:
  - a. Select “**ECU View**”
  - b. Touch the screen to highlight “**TIPM**” in the list of modules.
  - c. Record the “**Part Number**” displayed on the “**ECU Overview**” screen for later reference.
7. Download the flash file from the internet to the StarSCAN. Start at the StarSCAN “**ECU Overview**” screen and follow the procedure below:
  - a. Select “**Back**”
  - b. Select “**ECU Flash**”
  - c. Select “**Browse for New File**” and then follow the on screen instructions.
  - d. Select “**Download to Scan tool**”.
  - e. Select “**Close**” after the download is complete and then select “**Back**”.
  - f. Highlight the listed calibration.
  - g. Select “**Update Controller**”.
  - h. When update is completed, select “**OK**”. Then select “**Back**”

**NOTE: After completing the flash, if the red neutral LED indicator light remains on, apply the park brake and with the engine running, place the transmission in neutral. Then depress the neutral shift button until the neutral indicator light turns off.**

**NOTE: Due to the TIPM programming procedure, a Diagnostic Trouble Code (DTC) may be set in other modules (TCM, BCM, MIC, SKREEM, etc.) within the vehicle, if so equipped. Some DTC's may cause the MIL to illuminate. From the “Home” screen select “System View”. Then select “All DTCs”. Press “Clear All Stored DTCs” if there are any DTCs shown on the list.**

**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 DaimlerChrysler to record recall service completions and provide dealer payments.

Use the following labor operation number and time allowance:

	<b><u>Labor Operation Number</u></b>	<b><u>Time Allowance</u></b>
Reprogram Totally Integrated Power Module	08-E1-81-82	0.3 hours

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

**Dealer Notification**

All dealers will receive a copy of this dealer recall notification letter by mail. Two additional copies will be sent through the DCMMS. To view this notification on DealerCONNECT, select “Global Recall System” on the Service tab, then click on the description of this notification.

**Owner Notification and Service Scheduling**

All involved vehicle owners known to DaimlerChrysler are being notified of the service requirement by first class mail. They are requested to schedule appointments for this service with their dealers. A generic copy of the owner letter is attached.

Enclosed with each owner letter is an Owner Notification postcard to allow owners to update our records if applicable.

Dealers are encouraged to consider alternative scheduling and servicing approaches for this recall. This repair does not require hoists or other full service facility special equipment and is a DaimlerChrysler Mobile Service approved repair.

**Vehicle Lists, Global Recall System, VIP and Dealer Follow Up**

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

GRS provides involved dealers with an updated VIN list of their incomplete vehicles. The owner's name, address and phone number are listed if known. Completed vehicles are removed from GRS within several days of repair claim submission.

To use this system, click on the “**Service**” tab and then click on “**Global Recall System.**” Your dealer's VIN list for each recall displayed can be sorted by: those vehicles that were unsold at recall launch, those with a phone number, city, zip code, or VIN sequence.

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

*Recall VIN lists may contain confidential, restricted owner name and address information that was obtained from the Department of Motor Vehicles of various states. Use of this information is permitted for this recall only and is strictly prohibited from all other use.*

**Additional Information**

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

Customer Services Field Operations  
DaimlerChrysler Corporation

# DAIMLERCHRYSLER

*Buckle up  
for Safety!*

## **SAFETY RECALL E18 – REPROGRAM TOTALLY INTEGRATED POWER MODULE (TIPM)**

Dear: (Name)

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

DaimlerChrysler Corporation has decided that a defect, which relates to motor vehicle safety, exists in some **2006 model year Dodge Ram Light Duty 4x4 Pick Up trucks.**

***The problem is...***     **The Totally Integrated Power Module on your truck (VIN: xxxxxxxxxxxxxxxxx) contains an incorrect calibration that may inadvertently cause the transfer case to default into neutral and allow unintended movement of the vehicle. If this occurs and the parking brake is not applied, the vehicle could roll away with the transmission in the Park position and cause a crash without warning.**

***What your dealer will do...***     **DaimlerChrysler will repair your vehicle free of charge (parts and labor). To do this, your dealer will reprogram the TIPM module. The work will take about one half hour to complete. However, additional time may be necessary depending on how dealer appointments are scheduled and processed.**

***What you must do to ensure your safety...***     **Simply **contact your dealer** right away to schedule a service appointment. No parts are required to repair your vehicle. **Remember to bring this letter with you to your dealer.****

***If you need help...***     **If you have questions or concerns which your dealer is unable to resolve, please contact DaimlerChrysler at 1-800-853-1403.**

Please help us update our records, by filling out the enclosed prepaid postcard, if any of the conditions listed on the card apply to you or your vehicle. Be sure to print the last eight (8) characters of the VIN (VVVVVVVV) and notification code E18 on the postcard.

If you have already experienced this condition and have paid to have it repaired, you may send your original receipts and/or other adequate proof of payment to the following address for reimbursement: DaimlerChrysler, P.O. Box 4639, Oak Ridge, TN 37831, Attention: Reimbursement.

If your dealer fails or is unable to remedy this defect without charge and within a reasonable time, you may submit a written complaint to the Administrator, National Highway Traffic Safety Administration, 400 Seventh Street, S.W., Washington, DC 20590, or call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153), or go to <http://www.safercar.gov>.

We're sorry for any inconvenience, but we are sincerely concerned about your safety. Thank you for your attention to this important matter.

Customer Services Field Operations  
DaimlerChrysler Corporation  
Notification Code E18

*Note to lessors receiving this recall: Federal regulation requires that you forward this recall notice to the lessee within 10 days.*