

# ***SERVICE PROCEDURE***

**G-08505  
JULY 2008**

**SUBJECT: SAFETY RECALL (U.S.)  
REMOTE POWER MODULE (RPM) on certain  
INTERNATIONAL® 3000, 4000, 7000, 8000, CXT,  
MXT, ProStar model trucks and IC® CE, HC bus  
models built 11/21/00 thru 5/21/08 with one or more  
RPMs.**

## **DEFECT DESCRIPTION**

Water and contamination intrusion through the material that encapsulates the circuit board may cause an electrical short inside the RPM housing. An electrical short within the RPM housing may cause a fire, which can result in property damage, personal injury, or death.

## **MODELS INVOLVED**

This Safety Recall involves certain INTERNATIONAL® 3000, 4000, 7000, 8000, CXT, MXT, and ProStar series models trucks and IC® CE and HC model buses built 11/21/00 thru 5/21/08 with one or more RPMs.

## **PARTS INFORMATION**

| <b>Part Number</b> | <b>Part Description</b> | <b>Quantity</b> |
|--------------------|-------------------------|-----------------|
| 2597844C91         | FUSED ELECTRICAL CABLE  | 1               |

## **SERVICE PROCEDURE**

### **WARNING!**

**TO PREVENT UNEXPECTED  
MOVEMENT OF THE VEHICLE  
AND POSSIBLE SERIOUS  
PERSONAL INJURY OR DEATH,  
BLOCK THE WHEELS TO  
PREVENT THE VEHICLE FROM  
MOVING IN BOTH DIRECTIONS.**

### **WARNING!**

**TO PREVENT SERIOUS EYE  
INJURY, ALWAYS WEAR SAFE EYE  
PROTECTION WHEN PERFORMING  
VEHICLE MAINTENANCE OR  
SERVICE.**

### **PRE-2007 EMISSIONS ENGINE**

Locate the body builder six-way connector located under the hood and install a 2597844C91 fused wire cable in this circuit as shown in Figures 1 and 2. Use tie straps as needed to route the lengthened harness.



Fused Wire Cable

Figure 1.  
Fused Wire Cable Installation on a Pre-2007 Emission  
Engine

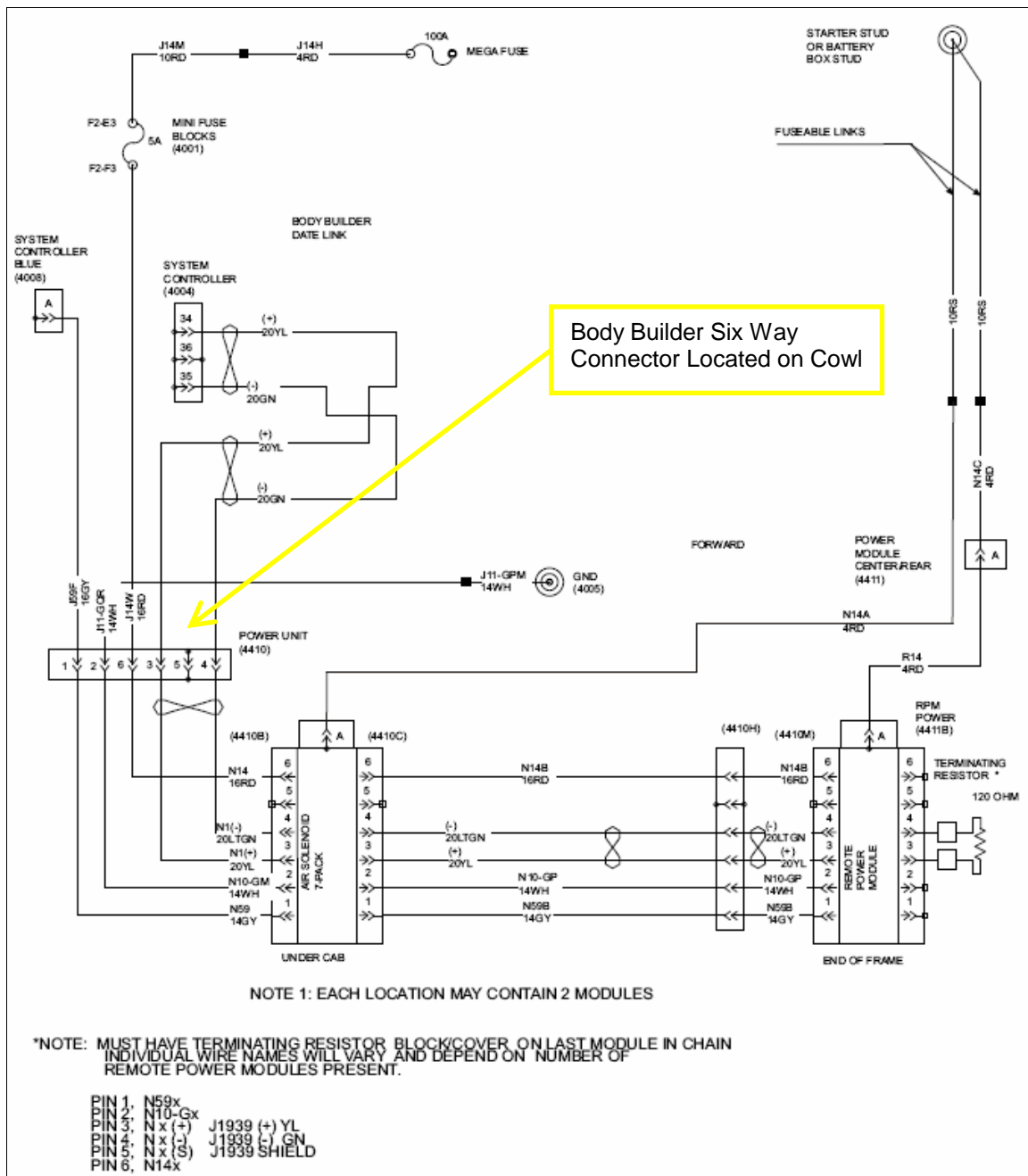


Figure 2. Wiring Diagram for RPM on Pre-2007 Emissions Engine

## 2007 EMISSIONS ENGINE

Locate the vehicle's RPM(s). Typical locations are on the back of the battery box, under the driver's side cab, and on the frame rail. However, body builders may have moved and/or added the RPMs, so check carefully.

If the vehicle is equipped with more than one module, identify those modules that are powered directly by the vehicle batteries. Any module not powered directly by the batteries is powered through a module that is. These secondary modules do not require any service.

For each RPM that is powered directly by the vehicle batteries, install a 2597844C91 fused wire cable in the circuit as shown in Figures 3 and 4. Use tie straps as needed to route the lengthened harness.

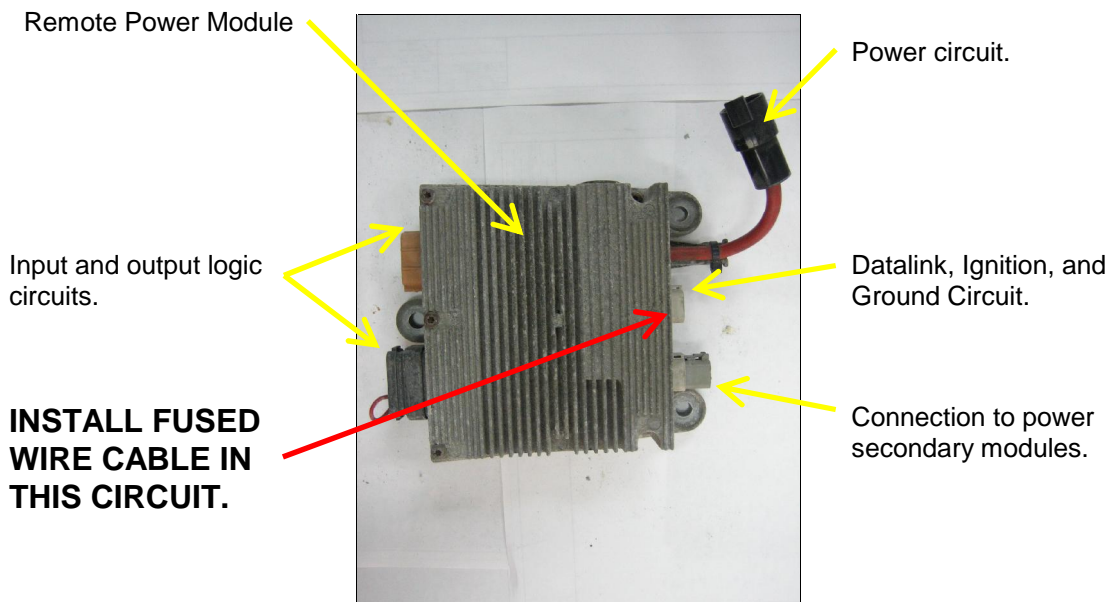


Figure 3.  
Fused Wire Cable Installation on a  
Remote Power Module

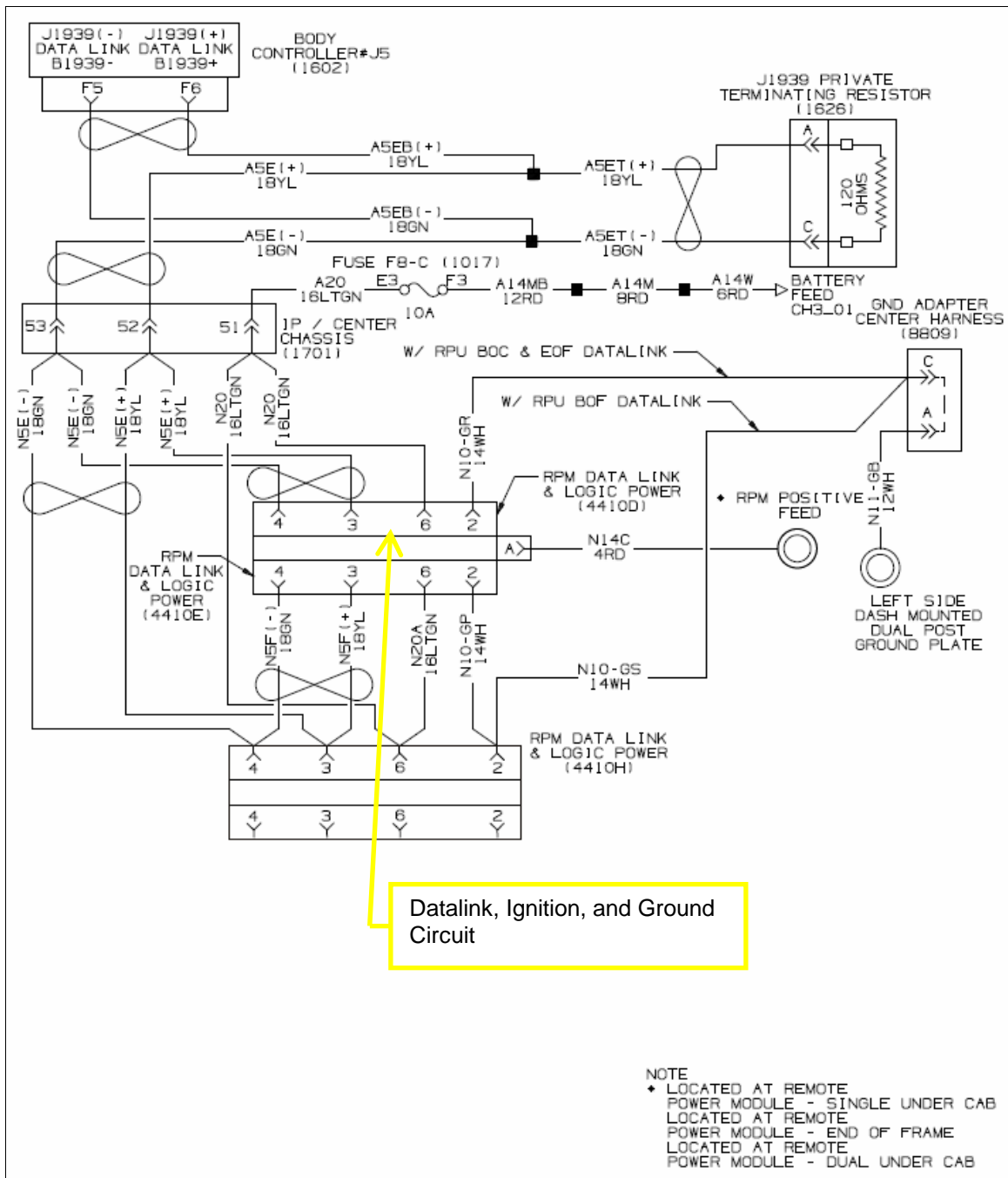


Figure 4. Wiring Diagram for RPM on 2007 Emissions Engine

## END OF SERVICE PROCEDURE

## **LABOR INFORMATION**

| Operation Number | Description                      | Time   |
|------------------|----------------------------------|--------|
| A40-08505-1      | Installation of Fused Wire Cable | 0.3 hr |

## **CAMPAIGN IDENTIFICATION LABEL**

Each vehicle corrected in accordance with this campaign must be marked with a CTS-1075 Campaign Identification Label.

Complete the label and attach on a clean surface next to the vehicle identification number (VIN) plate.



A black rectangular label with white text. At the top, it says "DO NOT REMOVE". Below that, in a white rounded rectangle, it says "INTERNATIONAL" in bold. Underneath, there are fields for "Campaign No.", "VIN", and "Eng.#". Below these fields, it says "COMPLETED" in bold, followed by "Service Location Code #". At the bottom, it says "DO NOT REMOVE".

## **ADMINISTRATIVE/DEALER RESPONSIBILITIES**

### **UNITED STATES AND POSSESSIONS**

The National Traffic and Motor Vehicle Safety Act, as amended, provides that each vehicle that is subject to a vehicle recall campaign must be adequately repaired within a reasonable time after the owner has tendered it for repair. A failure to adequately repair within 60 days after a tender of a vehicle is prima facie evidence of failure to repair within a reasonable time. If the condition is not adequately repaired within 60 days, the owner may be entitled to replacement with an identical or reasonable equivalent vehicle at no charge, or to a refund of the purchase price less a reasonable allowance for depreciation.

Dealers must correct all vehicles subject to this campaign at no charge to the owner, regardless of mileage, age of vehicle, or ownership, from this time forward.

Dealers should proceed immediately to make necessary correction to units in inventory. All inventory vehicles subject to this recall campaign must be corrected prior to sale, transfer or delivery. If vehicles have been sold or transferred and you are in receipt of Customer Notification Letters and Authorization for Recall Service cards for those vehicles, the transfer location or customer must be notified immediately from your dealer location.

Dealers must make every effort to promptly schedule an appointment with each owner to repair his or her vehicle as soon as possible. However, consistent with the customer notification, dealers are expected to complete the repairs on the mutually agreed upon service date.

Dealers involved in the recall process will be furnished a listing of owner names and addresses to enable them to follow up with owners and have the vehicles corrected. Use of this listing must be limited to this campaign because the list may contain information obtained from state motor vehicle registration records and the use of such motor vehicle registration data for purposes other than this campaign is a violation of law in several states.

## WARRANTY CLAIMS

Refer to Dealer Warranty Manual for procedures to conduct Recall Campaigns.

It is important that the Recall Coding be completed properly to assist in processing the warranty claim. Complete instructions will be found in the Warranty Manual, Section 7-1. Special attention should be given to Items 39 through 44:

| GROUP                 | NOUN             | C   | WARR.                              | TP   | PAD           |
|-----------------------|------------------|---|------------------------------------|--|---------------|
| GROUP Enter number G— | NOUN Leave blank | C (CAUSE) Enter either 1, 2, 3. (see below) | WARRANTY (Warranty Code) Enter 40. | TYPE PART Enter P for type part causing failure. | PAD Enter 100 |
|                       |                  | 1. Inspected (No repair required).          |                                    |  |               |
|                       |                  | 2. Inspected and repaired.                  |                                    |  |               |
|                       |                  | 3. Defective part from parts stock.         |                                    |  |               |

## **EXPORT**

Export Distributors should proceed immediately to make necessary correction to units in inventory. All inventory vehicles subject to this recall campaign must be corrected prior to sale, transfer or delivery. If vehicles have been sold or transferred and you are in receipt of Customer Notification Letters and Authorization for Recall Service cards for those vehicles, the transfer location or customer must be notified immediately from your distributor location.

Export Distributors are to submit warranty claims in the usual manner making reference to this recall number.

Export Distributors are expected to provide full cooperation and follow-up with respect to this important subject matter. If you have any questions or need further assistance, please contact the Regional Service Manager at your regional office.

**NAVISTAR, INC**