

# ***SERVICE PROCEDURE***

**G-11509  
JUNE 2011**

**SUBJECT: SAFETY RECALL  
BATTERY CABLES on certain DuraStar models  
built 1/21/10 thru 4/19/11 with engine feature code  
12UXJ or 12UXH.**

## **DEFECT DESCRIPTION**

The battery cable insulation may wear on the front suspension spring shackle possibly resulting in an electrical short.

## **MODELS INVOLVED**

This Safety Recall involves certain DuraStar models built 1/21/10 thru 4/19/11 with engine feature code 12UXJ or 12UXH.

## **PARTS INFORMATION**

<b>Part Number</b>	<b>Part Description</b>	<b>Quantity</b>
8900219R91	Kit, Battery Cable Repair	1

**8900219R91** contains the following parts:

<b>Part Number</b>	<b>Part Description</b>	<b>Quantity</b>
3889015C1	Extension, Clip	1
2041341C1	Saddle, Clamp	1
25222R1	Bolt, 1/4-20 x 3/4	1
120380	Washer, Lock 1/4"	1
3516934C1	Cable Strap, 0.5" x 20"	1

## **SERVICE PROCEDURE**

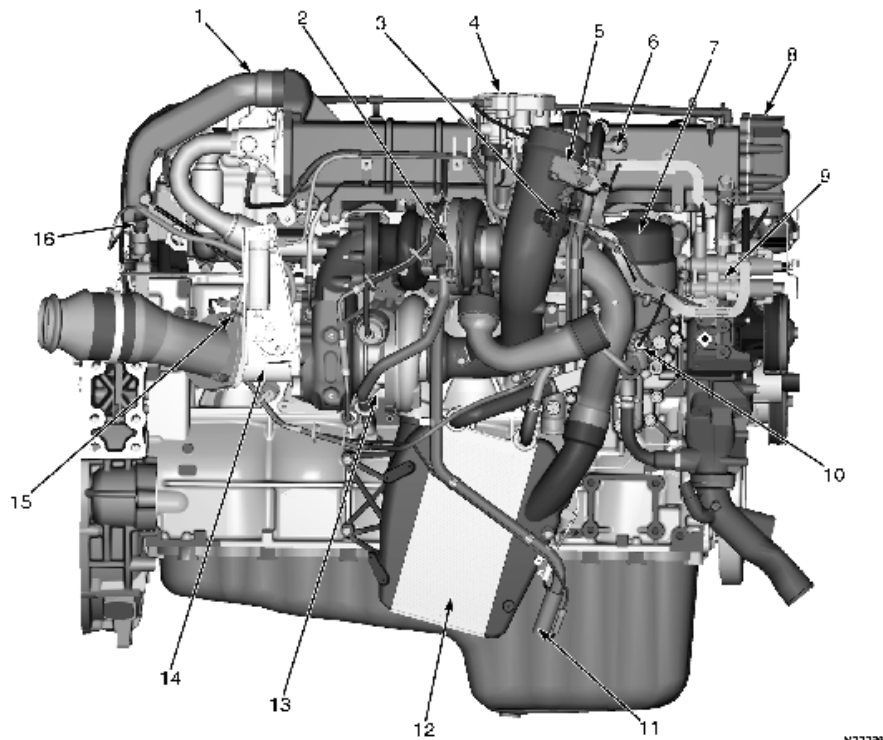
**WARNING!** PARK VEHICLE ON HARD FLAT SURFACE, TURN THE ENGINE OFF, SET THE PARKING BRAKE AND BLOCK THE WHEELS TO PREVENT THE VEHICLE FROM MOVING IN BOTH DIRECTIONS. FAILURE TO DO SO MAY RESULT IN PROPERTY DAMAGE, PERSONAL INJURY AND/OR DEATH.

**WARNING!** IF THE VEHICLE MUST BE RAISED, DO NOT WORK UNDER THE VEHICLE SUPPORTED ONLY BY JACKS. JACKS CAN SLIP OR FALL OVER, POTENTIALLY RESULTING IN PROPERTY DAMAGE, PERSONAL INJURY AND/OR DEATH.

**WARNING!** ALWAYS WEAR SAFE EYE PROTECTION WHEN PERFORMING VEHICLE MAINTENANCE. FAILURE TO DO SO MAY RESULT IN SERIOUS EYE INJURY.

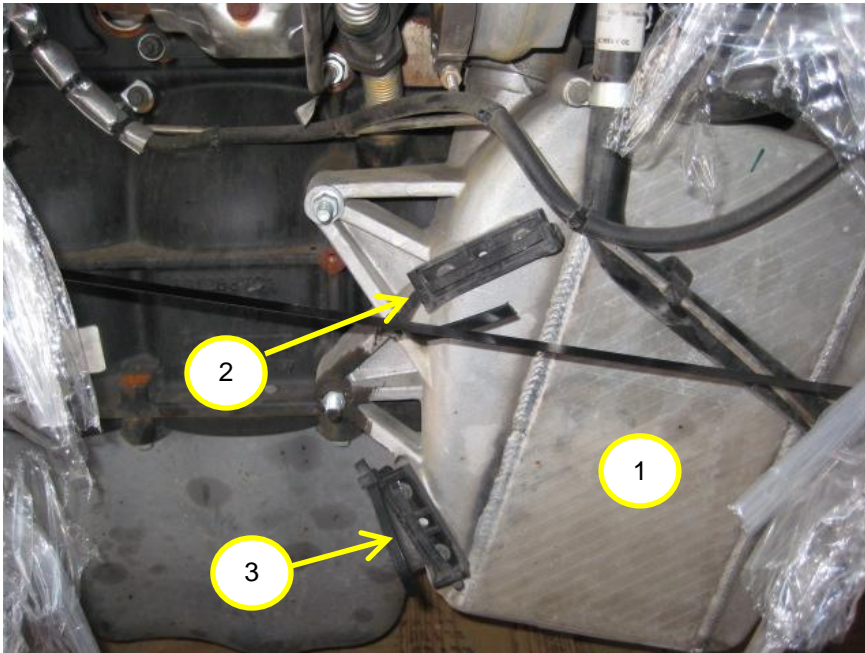
**WARNING!** ALLOW COMPONENTS IN ENGINE COMPARTMENT TO COOL BEFORE SERVICING ENGINE OR VEHICLE. FAILURE TO DO SO MAY RESULT IN PROPERTY DAMAGE, PERSONAL INJURY AND/OR DEATH.

1. Locate the low pressure charge air cooler on the right side of the engine.



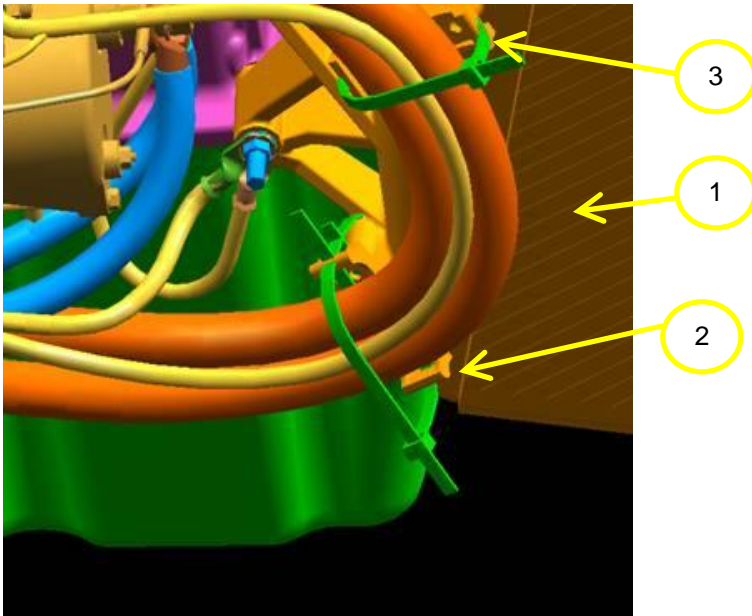
1. EGR cooler coolant manifold
2. HP turbocharger
3. Humidity Sensor (HS) / Air Inlet Temperature (AIT) sensor
4. ACV
5. MAF sensor
6. Engine Coolant Temperature 2 (ECT2)
7. Oil filter cap
8. EGR Cooler
9. CCV
10. Engine Oil Pressure (EOP) sensor
11. Crankcase Oil Separator (CCOS)
12. Low Pressure Charge Air Cooler
13. LP Turbocharger
14. Engine Back Pressure Valve (EBPV)
15. Aftertreatment Fuel Injector (AFTFI)
16. Engine Coolant Temperature 1 (ECT1) sensor

2. Locate the two battery cable routing saddles on the low pressure charge air cooler. Cut the tie straps to free the battery cables.

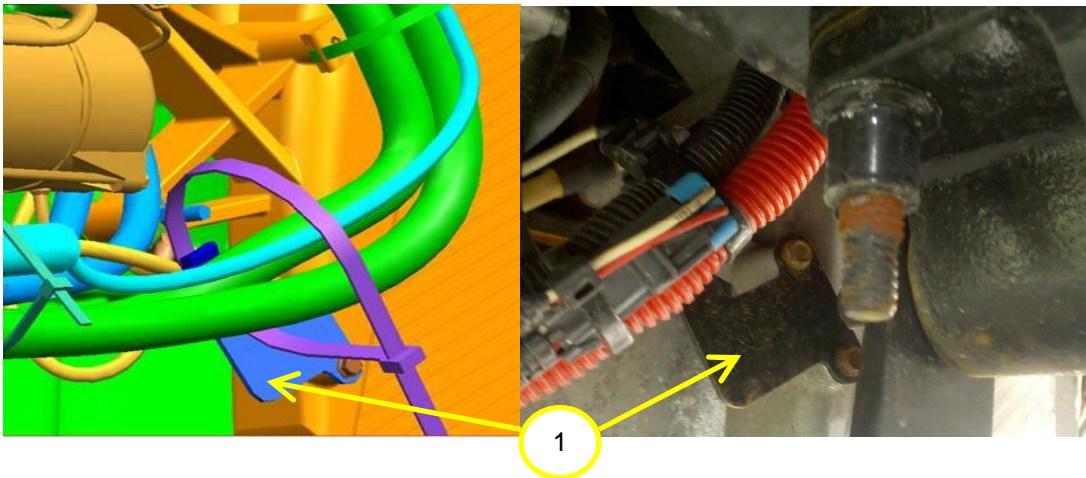


1. Low Pressure Charge Air Cooler
2. Upper Battery Cable Routing Saddle
3. Lower Battery Cable Routing Saddle

3. Remove the lower battery cable routing saddle and install the new routing bracket.



1. Low Pressure Charge Air Cooler
2. Lower Battery Cable Routing Saddle
3. Upper Battery Cable Routing Saddle



1. New Battery Cable Routing Bracket

4. Route the battery cables away from the front spring shackle using the new bracket and existing top saddle. Other battery cable clip points may need to be loosened or cut. Note: any removed tie strap should be replaced with the same size and part number strap. Ensure that the battery cables do not contact anything other than the clip point hardware. Tighten or tie strap the clip points securely.

## END OF SERVICE PROCEDURE

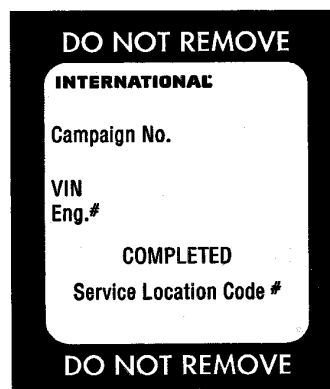
### LABOR INFORMATION

Operation Number	Description	Time
A40-11509-1	Install Bracket & Reroute Cables	0.6

### 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.



### ADMINISTRATIVE/DEALER RESPONSIBILITIES

#### 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)

1. Inspected (No repair required).
2. Inspected and repaired.
3. Defective part from parts stock.

WARRANTY (Warranty Code) Enter 40. \_\_\_\_\_

TYPE PART Enter P for type part causing failure. \_\_\_\_\_

PAD Enter 100 \_\_\_\_\_

## **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.

## **CANADA**

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.

## **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**