

SERVICE PROCEDURE

G-07514
February 2008

SUBJECT: SAFETY RECALL (U.S.)
BATTERY CABLES on certain MXT Models built
5/20/2006 thru 4/23/2007

DEFECT DESCRIPTION

The battery cables that supply power from the batteries to the engine starter may be routed near the engine's exhaust manifold. The heat generated by the manifold can cause the cable's insulation to melt, exposing bare wire. This condition may cause an electrical short and/or fire which can result in property damage, personal injury, or death.

MODELS INVOLVED

This Safety Recall involves certain MXT models built 5/20/2006 thru 4/23/2007.

PARTS INFORMATION

Part Number	Part Description	Quantity
8900207R91	KIT, RECALL SERVICE, MXT BATTERY CABLES	1

8900207R91 Contains the following parts:

Part Number	Part Description	Quantity
308578C1	EXTENSION, CLIP	1
3517469C1	EXTENSION, CLIP	1
432013C1	EXTENSION, CLIP	1
2041341C1	CLAMP, SADDLE	3
30744R2	BOLT, M12 X 30MM LG	1
25483R1	BOLT 1/4" X 1"	3
120380	WASHER, LOCK 1/4"	3
25519R1	NUT, HEX TYPE 8 1/4" UNC	3

3551709C1	STRAP, CABLE LOCK 9" X 0.303"	10
3516934C1	STRAP, CABLE LOCK ½" X 20"	10
2644081R1	LOOM, ELECTRICAL WIRE 1.495" I.D. X 1.725" O.D.	36"

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 YOU PERFORM VEHICLE MAINTENANCE OR SERVICE.

1. Expose the battery box by removing the driver's side under door valence panel.
2. Remove the battery box cover and disconnect the battery cable group (positive cable, negative cable, and clean power ground cable) that runs from the batteries to the engine starter from the batteries.
3. Pull the battery cable group free so that it is hanging from the engine starter by removing the tie straps that restrain it.
4. Remove the heat wrap from the battery cable group.
5. Inspect the battery cable group for melted cable insulation, abnormal wear, or other damage. Replace if necessary.

6. Install the electrical wire loom 2644081R1 over the battery cable group as shown in Figure 1.

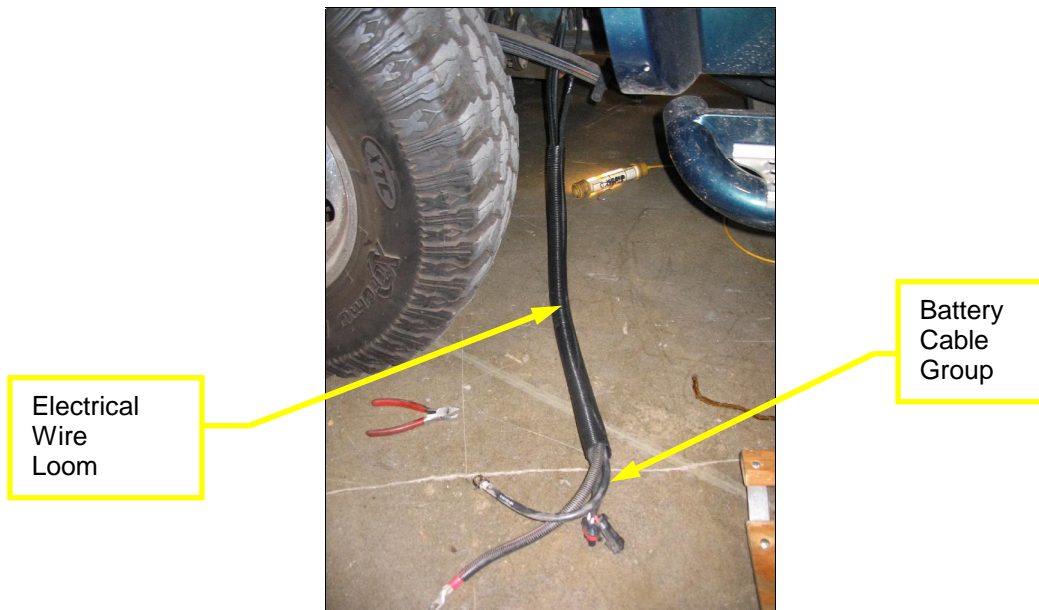


Figure 1.

7. Install extension clip assembly onto the engine starter using the existing starter mounting bolt as shown in Figure 2. The parts needed are: 308578C1 extension clip, 2041341C1 saddle clamp, 25483R1 bolt, 120380 lock washer, and 25519R1 nut.

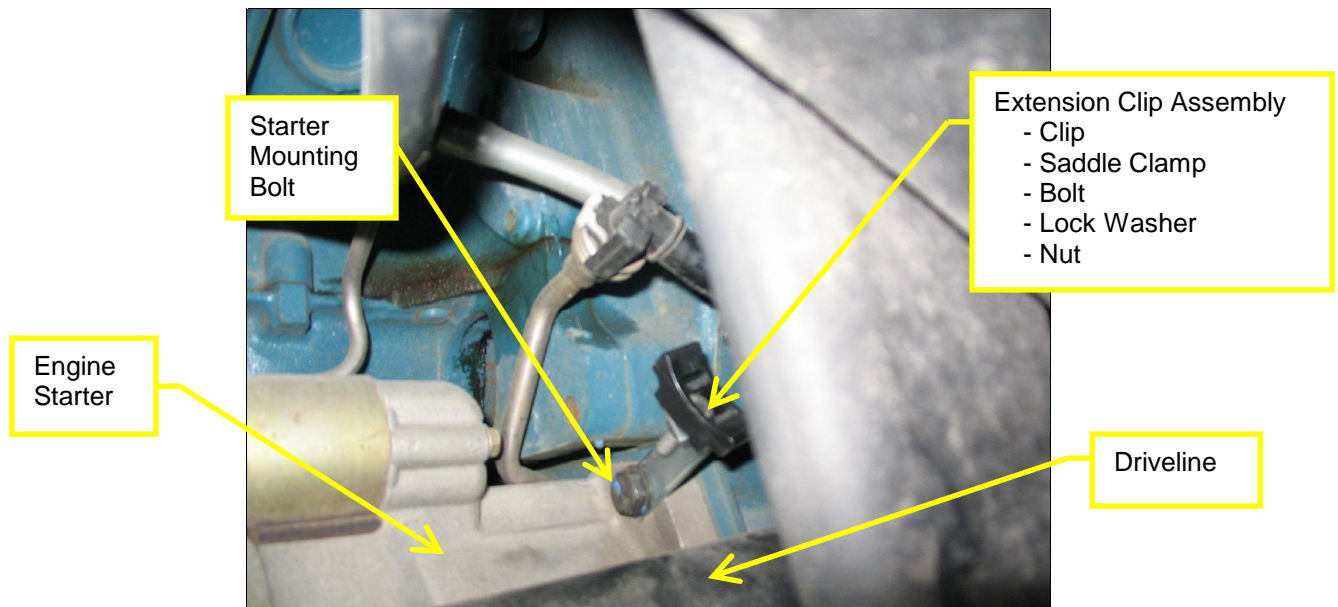


Figure 2.

8. Install extension clip assembly onto the upper transmission mounting pad as shown in Figure 3. The parts needed are 3517469C1 extension clip and 30744R2 bolt.

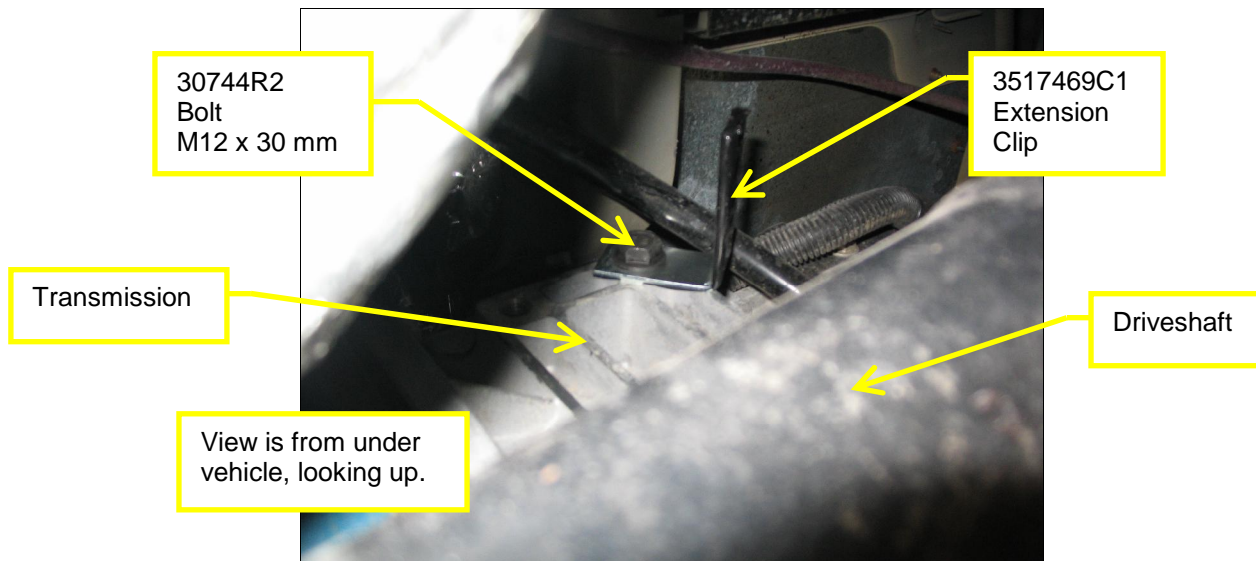


Figure 3.

9. Install extension clip assembly onto the hydraulic brake line support bracket using existing p-clip mounting bolt as shown in Figure 4. The parts needed are: 432013C1 extension clip, 2041341C1 saddle clamp, 25483R1 bolt, 120380 lock washer, and 25519R1 nut.

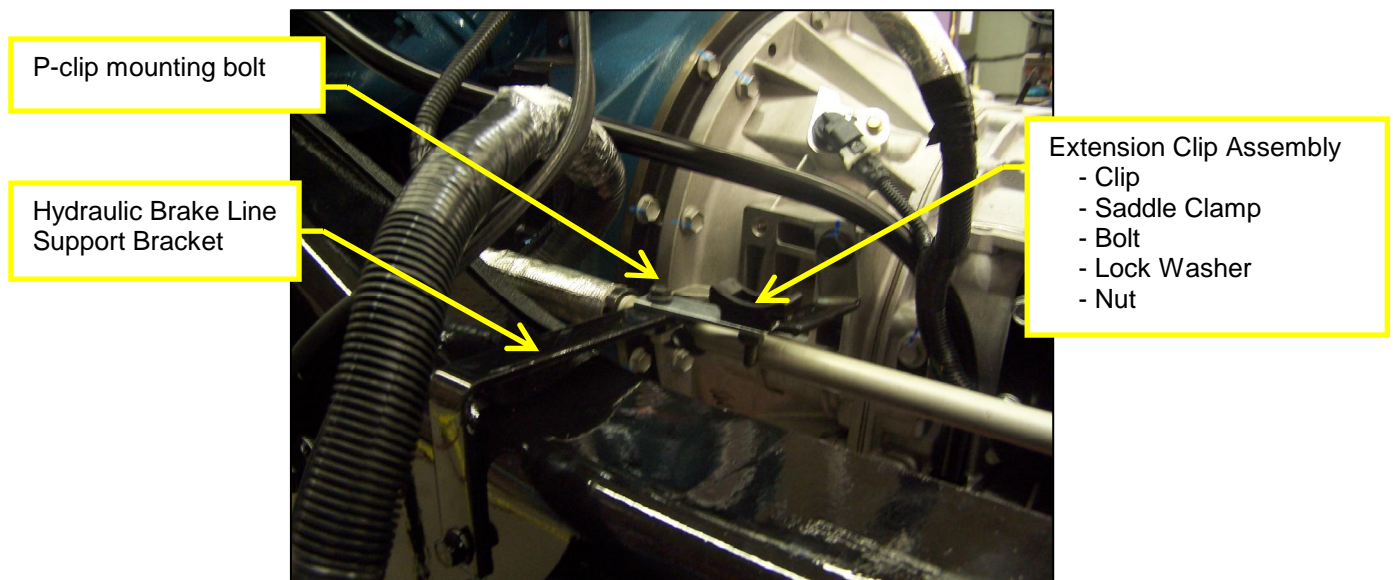


Figure 4.

10. Route the negative battery cable thru the p-clip on the side of the engine as shown in Figure 5.

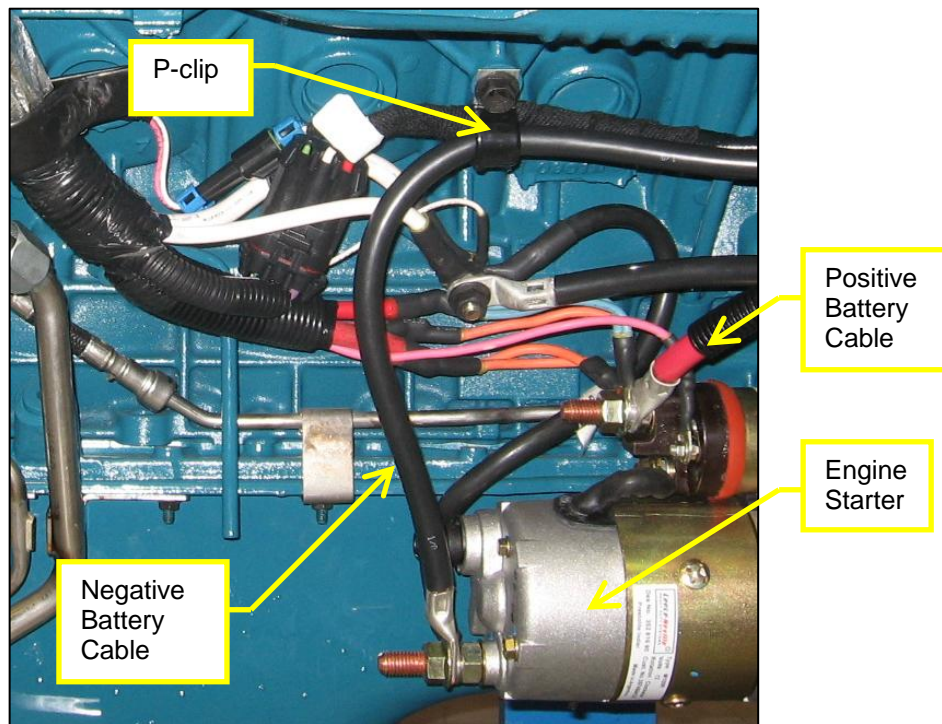


Figure 5.

11. Route the positive cable, negative cable, and clean power to ground cable together at the extension clip assembly installed on the engine starter using 3551709C1 cable strap as shown in Figure 6.

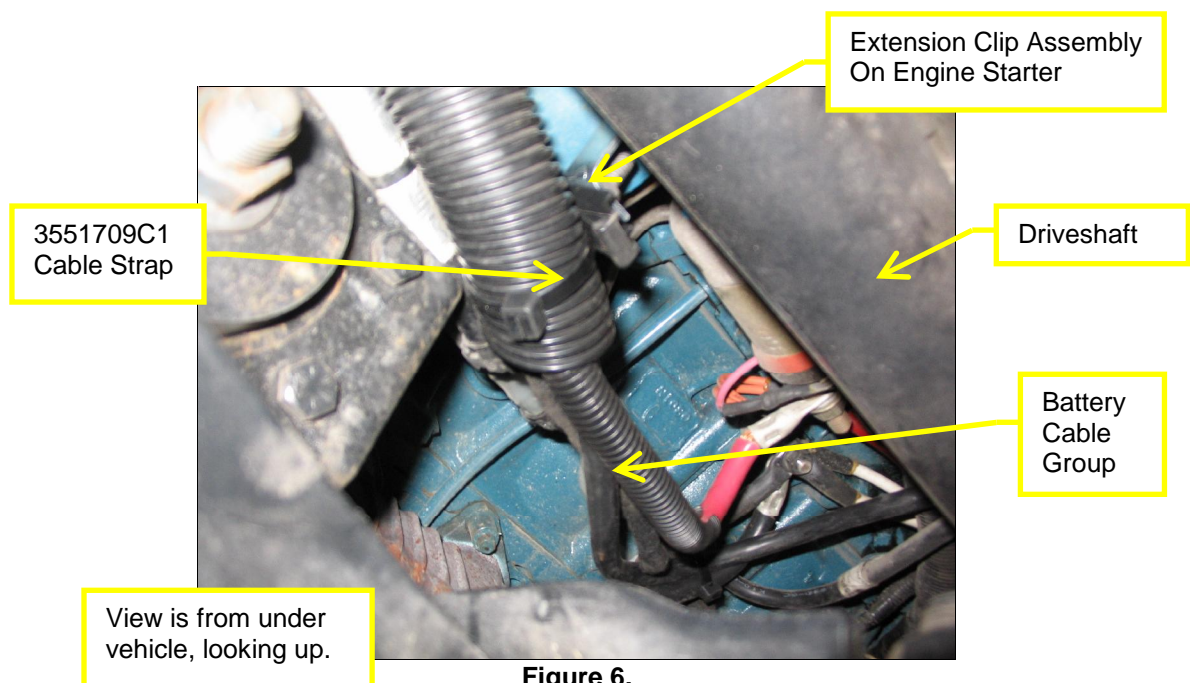


Figure 6.

12. Route the battery cable group to the battery box using the newly installed extension clip assemblies as shown in Figures 7, 8, and 9. The parts needed are tie straps 3551709C1 and 3516934C1.

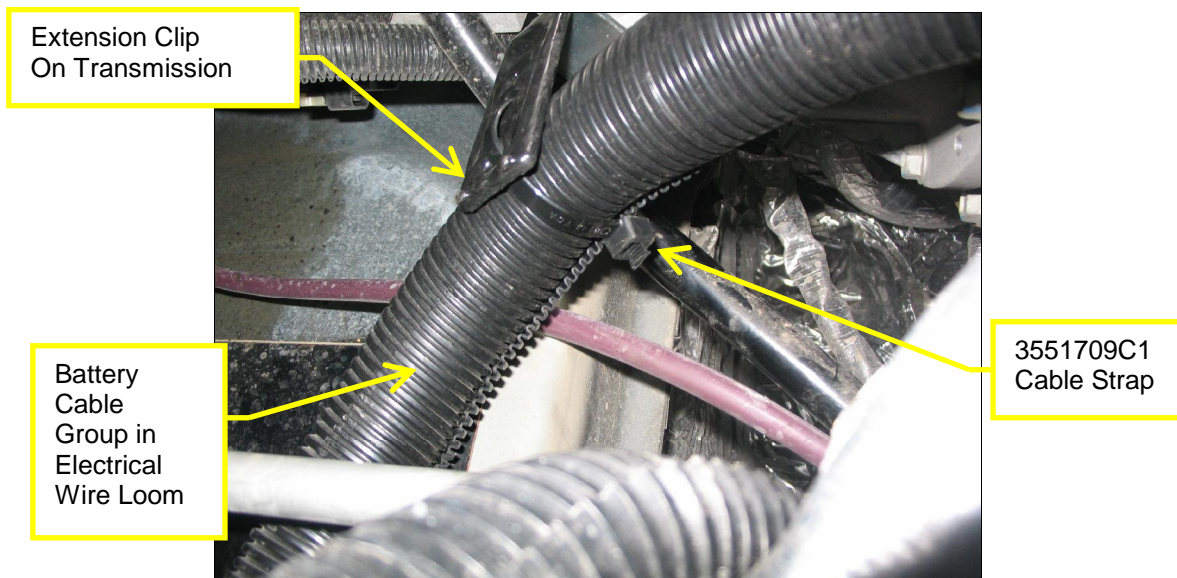


Figure 7.

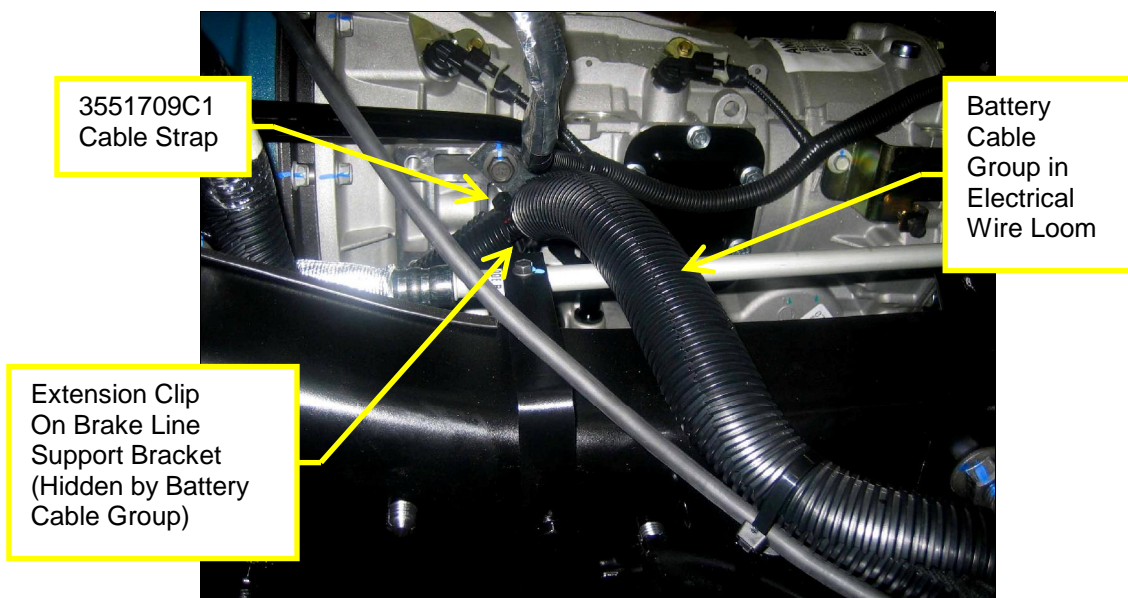


Figure 8.

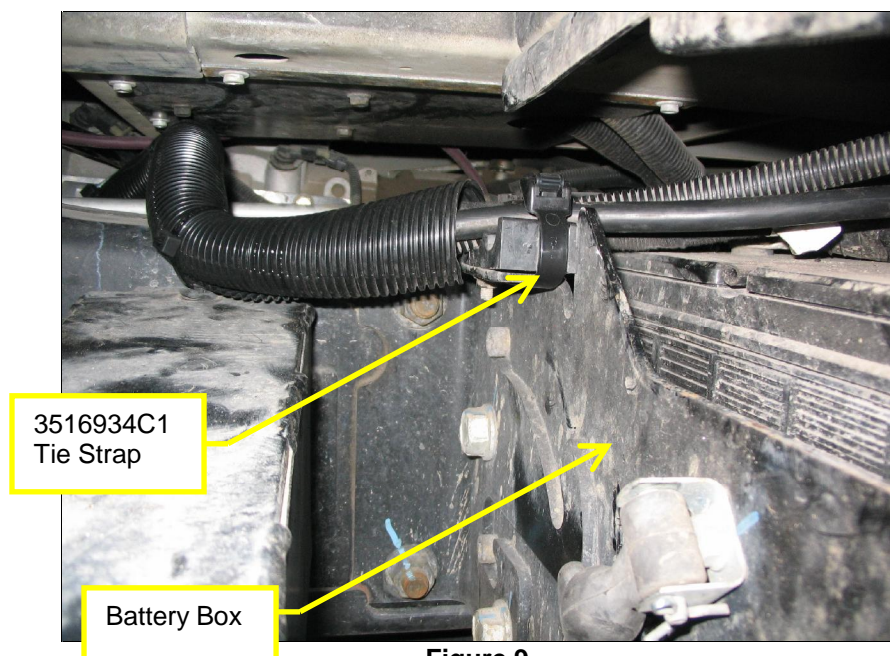


Figure 9.

13. Inspect the workmanship of the new routing, making adjustments as necessary to remove any contact points or clearance issues.
14. Connect the battery cable group to the batteries. Install the battery box cover and driver's side under door valence panel.

END OF SERVICE PROCEDURE

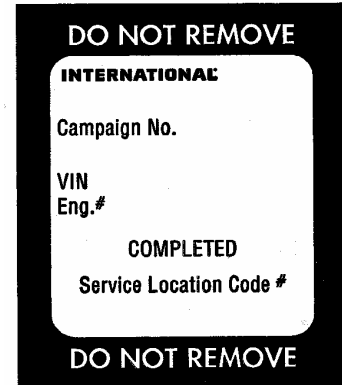
LABOR INFORMATION

<u>Operation No.</u>	<u>Description</u>	<u>Time</u>
A40-07514-1	<i>Reroute Battery Cable Group</i>	1.5 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.



ADMINISTRATIVE/DEALER RESPONSIBILITIES (U.S. & POSSESSIONS)

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 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.

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.

However, consistent with the customer notification, dealers are expected to complete the repairs on the mutually agreed upon service date.

To avoid having to replace an owner vehicle or refund the purchase price, every effort must be made to promptly schedule an appointment with each owner to repair his or her vehicle as soon as possible.

During the recall process, a listing of owner names and addresses will be furnished to the involved dealers to enable dealers to follow up with owners and have the vehicles corrected. You must limit the use of this listing 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.			

ADMINISTRATIVE/DISTRIBUTOR RESPONSIBILITY (EXPORT)

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 from your distributor location.

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

We ask for your full cooperation and follow-up to this important subject matter. If you have any questions or need further assistance, please contact the Regional Service Manager at your regional office.

INTERNATIONAL TRUCK AND ENGINE CORPORATION