

SERVICE PROCEDURE

**G-11516
DECEMBER 2011**

SUBJECT: SAFETY RECALL
ALTERNATOR WIRING on certain PayStar, WorkStar, TranStar, and ProStar models built 6/1/09 thru 5/31/11 with a MaxxForce 11 or 13 engine feature code 12UXJ or 12UXH and with alternator feature code 08GGN, 08GGR, 08 GHG, or 08GHH.

DEFECT DESCRIPTION

The positive alternator cable may rub on the high pressure power steering hose possibly compromising its insulation and causing an electrical short. An electrical short may cause a vehicle fire possibly resulting in property damage, personal injury, or death.

MODELS INVOLVED

This Safety Recall involves certain PayStar, WorkStar, TranStar, and ProStar models built 6/1/09 thru 5/31/11 with a MaxxForce 11 or 13 engine feature code 12UXJ or 12UXH and with alternator feature code 08GGN, 08GGR, 08 GHG, or 08GHH.

PARTS INFORMATION

Part Number	Part Description	Quantity
8900223R91	Kit, SR11516 Bosch Alternator Routing	1
472141C2	SEALING COMPOUND 4 OUNCE TUBE	1

8900223R91 contains the following parts:

Part Number	Part Description	Quantity
289862C1	Cable Strap	1
3545771C1	Saddle	1
25483R1	Saddle Bolt	1
120380	Saddle Lock Washer	1

25519R1	Saddle Nut	1
922860R1	Extension (Stand Off)	1
31054R1	Fuel Case Bolt	1
25708R1	Fuel Case Washer	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. Open battery compartment and disconnect frame and starter negative battery cable and clean power harness connector.
2. Assemble hardware as shown Figure 1 to match figure 2. Attach saddle (3545771C1) to extension (922860R1) and secure with saddle bolt (25483R1) using saddle lock washer (120380) and saddle nut 25519R1.



Figure 1.



Figure 2.

3. Remove securing bolt to dipstick bracket as shown in Figure 3.



Figure 3

4. Remove securing bolt to alternator harness as shown in Figure 4.



Figure 4

5. Remove securing bolt to ground of alternator harness as shown in Figure 5.

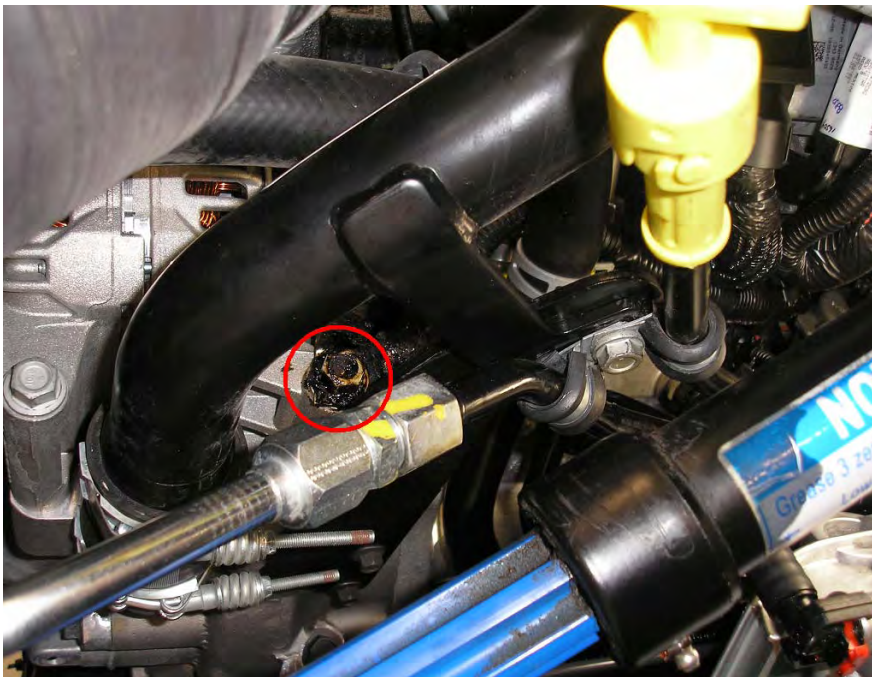


Figure 5

6. Relocate alternator harness ends to above fuel filter by gently pulling them back. Location is shown in Figure 6.



Figure 6

7. Apply grease to fuel pump surface area around bolt hole. Press fuel case washer (25708R1) to fuel pump casing centering on hole. Washer installed shown in Figure 7.



Figure 7

8. Install fuel case bolt (31054R1) and extension (922860R1) to fuel pump case in the vertical position. Ensure washer does not drop out. Tighten to 6-7nm. Stand off installed shown in figure 8.

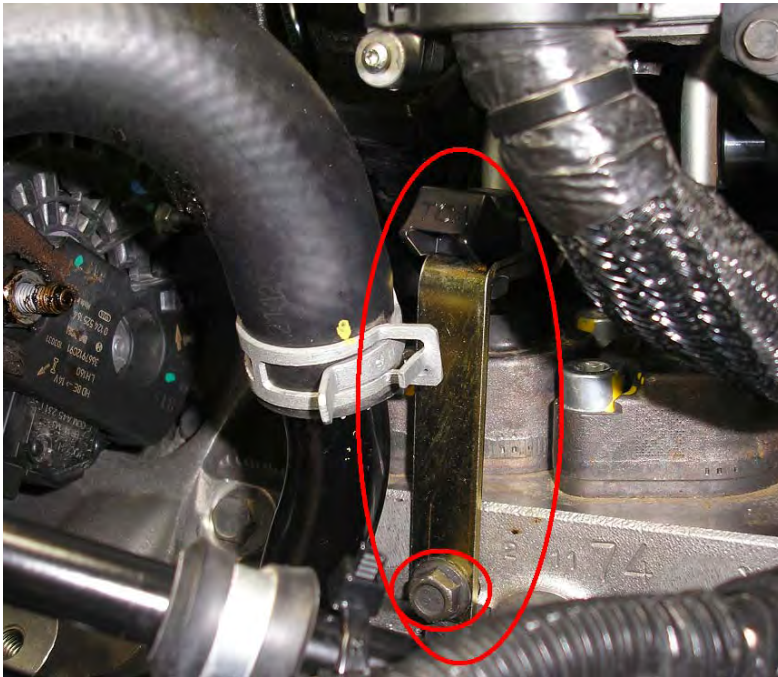


Figure 8

9. Pull wire harness over cable strap (2898621C1). Install zip tie leaving it loose over around harness. Step shown in figure 9.

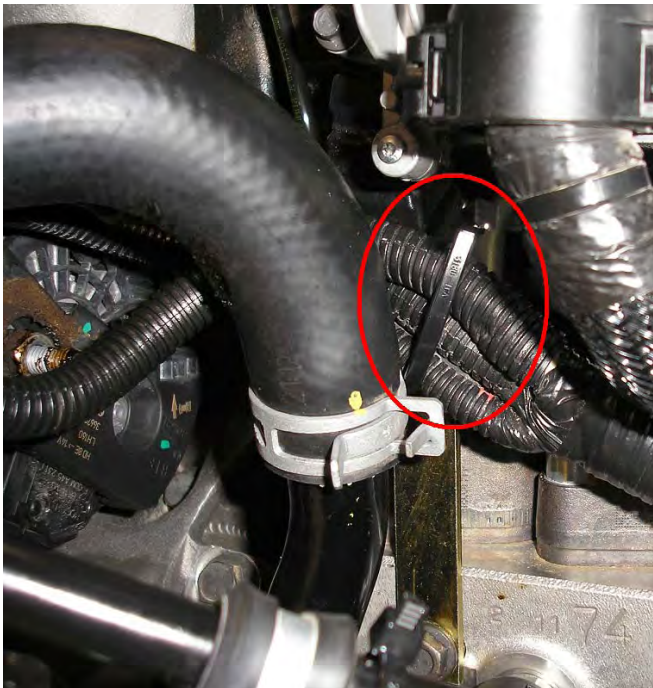


Figure 9

10. Reinstall grounding bolt for alternator harness. Apply sealing to bolt head after install. Installed bolt shown in figure 10.



Figure 10

11. Reinstall alternator harness to stud on alternator. Apply sealing to nut after install. Installed nut shown in figure 11.



Figure 11

12. Pull zip tie tight and cut off excess lead. Tightened zip-tie shown in figure 12.



Figure 12

13. Reinstall dip stick tube bolt.



Figure13

END OF SERVICE PROCEDURE

LABOR INFORMATION

Operation Number	Description	Time
A40-11516-1	Install Extension Bracket & Saddle; Route Harness	0.5

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.

DO NOT REMOVE
INTERNATIONAL
Campaign No.
VIN
Eng.#
COMPLETED
Service Location Code #
DO NOT REMOVE

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.

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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