

SERVICE PROCEDURE

14525
DECEMBER 2014

SUBJECT: NON-COMPLIANCE RECALL

Bumper headlights on certain WorkStar® models built 16 March 2012 thru 1 October 2014 with headlights in bumper (feature code 0508028 with harness P/N 3898445C92).

DEFECT DESCRIPTION

The headlight low beam and ground circuits are reversed at the headlight connector and may result in the low beam headlights to not conform to Federal Motor Vehicle Safety Standards for headlight illumination. With the wires reversed, the output of the headlight is reduced which could impair a driver's vision during night driving resulting in possible accident or injury.

MODELS INVOLVED

This non-compliance recall involves certain WorkStar® models built 16 March 2012 thru 1 October 2014 with feature code 0508028 (headlights in bumper) and harness part number 3898445C92) .

PARTS INFORMATION

There are no required parts for this campaign

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! 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.

WARNING! KEEP FLAMES OR SPARKS AWAY FROM VEHICLE AND DO NOT SMOKE WHILE SERVICING THE VEHICLE'S BATTERIES. BATTERIES EXPEL EXPLOSIVE GASES. FAILURE TO DO SO MAY RESULT IN PROPERTY DAMAGE, PERSONAL INJURY, AND/OR DEATH.

WARNING! REMOVE THE GROUND CABLE FROM THE NEGATIVE TERMINAL OF THE BATTERY BOX BEFORE DISCONNECTING ANY ELECTRICAL COMPONENTS. ALWAYS CONNECT THE GROUND CABLE LAST. FAILURE TO DO SO MAY RESULT IN PROPERTY DAMAGE, PERSONAL INJURY, AND/OR DEATH.

1. Bring vehicle into shop and park on flat surface.
2. Shift transmission to Park or Neutral, set parking brake, and install wheel chocks.
3. Remove the electrical connections at the batteries. Always remove the negative battery cable first.
4. Remove the cover from the backside of the left side headlight.
5. Remove the electrical connector from the left side headlight. See Figure 1.

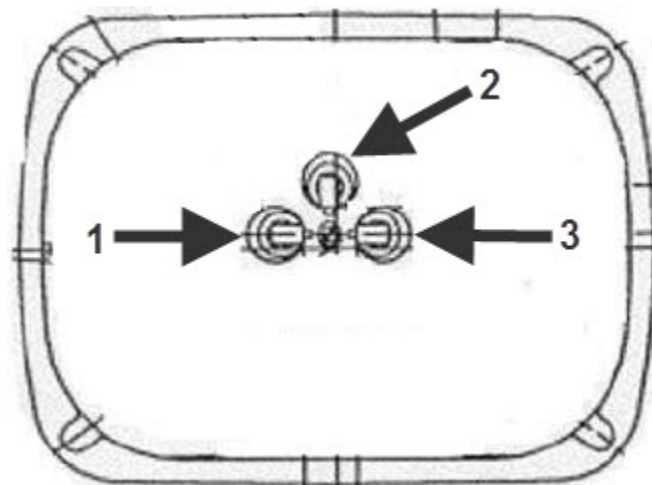


Figure 1 Rectangular Sealed-Beam Headlight (H5054)

1. Ground
2. Low Beam
3. High Beam

6. Verify circuit U11-GH WH is inserted into cavity A and circuit U52-D YL is inserted into cavity B. If the circuits are found to be in these cavities, proceed to step 7. If the circuits are reversed, remove the terminals from cavities A and B of the electrical connector and switch their positions upon reinstallation to the connector so U11-GH WH is inserted into cavity A and circuit U52-D YL is inserted into cavity B. See Figure 2 and Table 1.

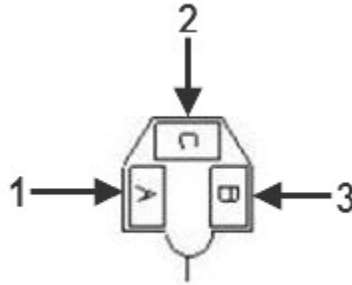


Figure 2 Headlight Connector (Viewed from Harness Insertion End)

1. Ground
2. Headlight Low Beam
3. Headlight High Beam

CAV	CIR	
A	U11-GH	Ground
B	U52D	Headlight Hi Beam
C	U53D	Headlight Low Beam

Table 1

7. Reconnect the electrical connector to the left side headlight.
8. Reinstall the cover onto the backside of the left side headlight.
9. Remove the cover from the backside of the right side headlight.
10. Remove the electrical connector from the right side headlight. See Figure 1.
11. Verify circuit U11-GH WH is inserted into cavity A and circuit U52-D YL is inserted into cavity B. If the circuits are found to be in these cavities, proceed to step 12. If the circuits are reversed, remove the terminals from cavities A and B of the electrical connector and switch their positions upon reinstallation to the connector so U11-GH WH is inserted into cavity A and circuit U52-D YL is inserted into cavity B. See Figure 2 and Table 1.
12. Reconnect the electrical connector to the right side headlight.
13. Reinstall the cover onto the backside of the right side headlight.
14. Reconnect the electrical connections to the batteries. Always reconnect the ground cable last.

15. Check for proper operation of the headlights.

16. Remove the wheel blocks.

END OF SERVICE PROCEDURE

LABOR INFORMATION

Operation Number	Description	Time
A40-14525-1	Repair headlight wiring	0.4

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

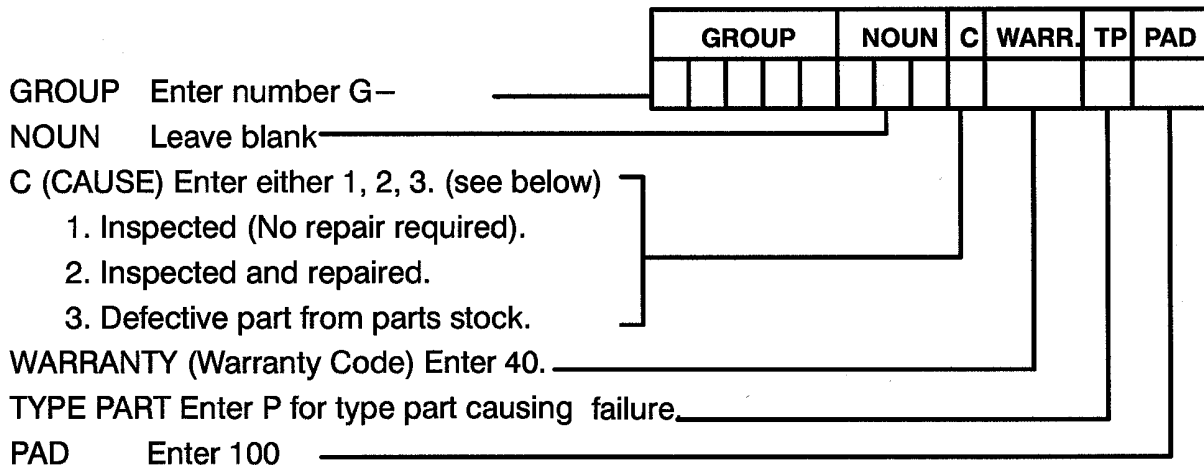
ADMINISTRATIVE/DEALER RESPONSIBILITIES

WARRANTY CLAIMS

Warranty claim expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Safety Recall 14525.

It is important that the coding be completed properly to assist in processing the warranty claim. Complete instructions will be found in the Warranty Policy Manual, Section 7.1.8.

As with all claim submission, items acquired locally must be submitted in the “Other Charges” tab. The cost of any bulk items (bag of cable tie straps, roll of wire, barrel of oil, tube of silicone, etc.) should be prorated for the cost of the individual pieces/amount used during each repair.



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