

SERVICE PROCEDURE

18514

OCTOBER 2018

SUBJECT: SAFETY RECALL

Trailer Brake Light Circuit on certain International® HV™ and MV™ Series trucks built 30 March 2017 through 28 August 2018 with feature code 08HAH or 08TMG (combined trailer stop / turn lamps)

DEFECT DESCRIPTION

If a truck is operating with a trailer attached and the electric connection is made between the truck and the trailer, the trailer brake lights in the combined stop / turn lamps may not illuminate when the truck service brakes are applied. Inoperative trailer brake lights may fail to warn other motorists that the combined truck and trailer is slowing or stopping. Failure to warn other motorists that the combined truck and trailer is slowing or stopping may increase the risk of a vehicle crash which may result in property damage or personal injury.

MODELS INVOLVED

This Safety Recall involves certain International® HV™ and MV™ Series trucks built 30 March 2017 through 28 August 2018 with feature code 08HAH or 08TMG (combined trailer stop / turn lamps).

ELIGIBILITY

This procedure applies ONLY to vehicles marked in the International® Service Portal™ with Safety Recall 18514. Also complete any other open campaigns listed on the Service Portal at this time.

PARTS INFORMATION

Part Number	Part Description	Quantity
3517502C1 or Source Locally	Terminal, Cable, Butt Splice Non-Insulated (For Splice)	2
2644000R1 or Source Locally	Sleeve, Cable Insulating (Heat Shrink with Inter-melt)	4

SERVICE PROCEDURE

WARNING! To prevent property damage, personal injury, and / or death, park vehicle on hard flat surface, turn the engine off, set the parking brake and install wheel chocks to prevent the vehicle from moving in either direction.

WARNING! To prevent property damage, personal injury, and / or death, if the vehicle must be raised, do not work under the vehicle supported only by jacks. Jacks can slip or fall over.

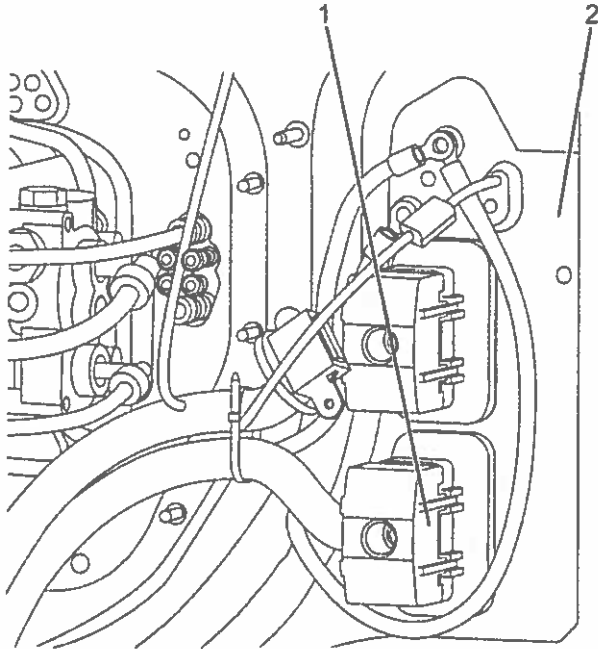
WARNING! To prevent personal injury and / or death, always wear safe eye protection when performing vehicle maintenance.

WARNING! To prevent property damage, personal injury, and / or death, allow engine / vehicle components to cool before servicing.

WARNING! To prevent property damage, personal injury, and / or death, keep flames or sparks away from vehicle and do not smoke while servicing the vehicle's batteries. Batteries expel explosive gases.

WARNING! To prevent property damage, personal injury, and / or death, remove the ground cable from the negative terminal of the battery box before disconnecting any electrical components. Always connect the ground cable last.

1. Park vehicle on flat surface.
2. Shift transmission to Park or Neutral and set parking brake.
3. Turn vehicle ignition to Key OFF position.
4. Install wheel chocks.
5. Disconnect and isolate negative battery cable from main vehicle battery.
6. Unlatch and open hood.
7. Remove left-side front fender.



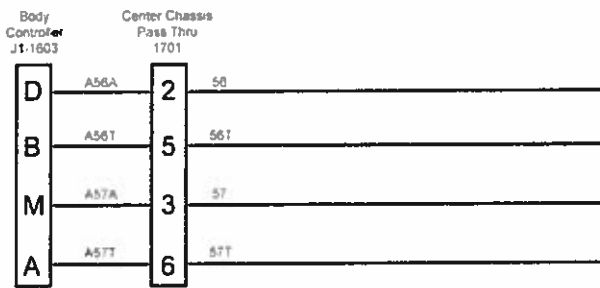
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Figure 1. Connector Location

1. Connector 1701F
2. Firewall

8. Locate bulk head chassis harness connector 1701F (Figure 1, Item 1) on firewall (Figure 1, Item 2).

9. Disconnect bulk head chassis harness connector 1701F from body controller firewall pass through and remove protective shell.

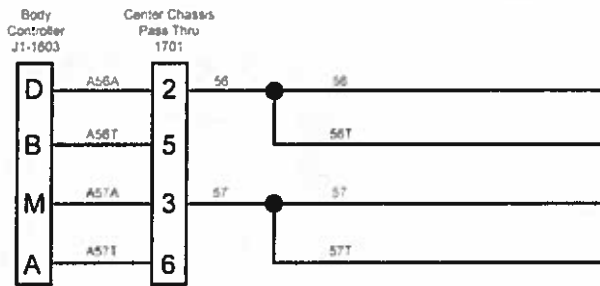


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Figure 2. Wiring

NOTE: Refer to Figure 2 for Steps 10 through 16.

10. Locate wires N56T 10-gauge YELLOW and N57T 10-gauge LIGHT GREEN in cavities 5 and 6.
11. Cut wires N56T and N57T 2 inches from rear of connector.
12. Position heat shrink tube over ends of both N56T and N57T coming out of connector body. Tubing must extend 2 inches past end of wire.
13. Using heat gun and pliers, shrink tubing and pinch end closed.
14. Locate wires N56 and N57, both wires are 14-gauge ORANGE in cavities 2 and 3.
15. Cut wires N56 and N57 2 inches from rear of connector.
16. Position heat shrink tube onto both N56 and N57 coming out of connector body.
17. Strip wire ends on all 6 open wires.



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Figure 3. Wire Splices

18. Using butt splice terminal, splice wires N56 and N56T together (Figure 3).
19. Using butt splice terminal, splice N57 and N57T together (Figure 3).
20. Crimp and solder butt splice terminals.
21. Position heat shrink tubes over both wire splices and shrink tubing.
22. Install protective shell onto connector 1701F and connect to body controller firewall pass through.
23. Install left-side front fender.
24. Close and latch hood.
25. Connect negative battery cable to main vehicle battery.
26. Verify operation of right-side turn, left-side turn, stop, and hazard lights for both truck and trailer lights.
27. Remove wheel chocks.

END OF SERVICE PROCEDURE

LABOR INFORMATION

Operation Number	Description	Time
A40-18514-1	Modify Trailer Brake Light Circuit	0.5 hrs

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 18514.

Section 7 of the Warranty Policy and Procedures Manual contains further information related to the submission and processing of AFC / Recall claims.

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

GROUP	NOUN	C	WARR	TP	PAD

GROUP — Enter number ←

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 ←

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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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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.