



VEHICLE RECALL

G-01509
July, 2001

SUBJECT: NONCOMPLIANCE RECALL (CANADA, EXPORT)
Replacing the parking brake lever assembly on 4300 and 4400 models built between October 24, 2000 and June 11, 2001 with hydraulic brakes

DEFECT DESCRIPTION

There is an electrical defect in the parking brake lever assembly's magnetic proximity sensor that may cause the daytime running lights to be off while the vehicle is in motion, which is non-compliant to CMVSS 108, paragraph 54. The glass case surrounding the reed switch in the magnetic proximity sensor may break causing the reed switch to malfunction. Since the daytime running lights are connected to the parking brake light circuit, if the reed switch malfunctions in the closed position, the daytime running lights will be off even when the vehicle is in motion. The reed switch malfunction has been corrected with a reconfiguration of the circuit board on which the glass case surrounding the reed switch is mounted.

To repair this defect, the complete parking brake lever assembly will be replaced. There are two lever configurations, a short lever used with manual transmissions and a tall lever used with automatic transmissions.

MODELS INVOLVED

This Safety Recall includes 4300 and 4400 models with hydraulic brakes.

OWNER NOTIFICATION

International Truck and Engine Corporation will notify owners of these vehicles about this campaign. A copy of the owner letter is attached. 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.

SERVICE PROCEDURE

WARNING - To prevent personal injury and/or property damage, park the vehicle on a level surface and chock the wheels.

1. Remove the two parking brake lever shroud mounting screws located at the base and inside the cup holder (Figure 1) and (Figure 2).

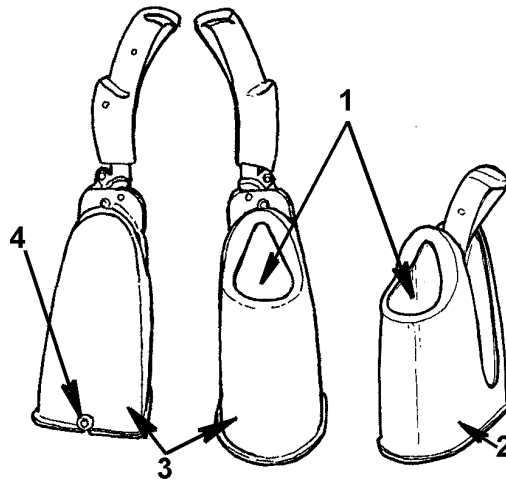


Figure 1: Parking Brake and Cup Holder Shroud

1. CUP HOLDER
2. SHORT BRAKE RELEASE ASSEMBLY (MANUAL TRANSMISSIONS)
3. TALL BRAKE RELEASE ASSEMBLY (AUTOMATIC TRANSMISSIONS)
4. SHROUD MOUNTING SCREW

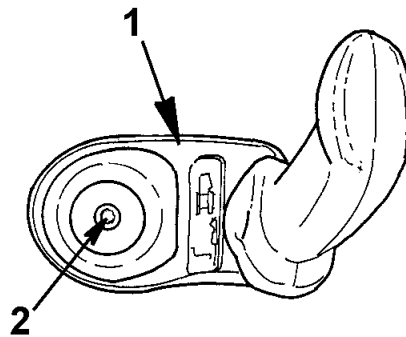


Figure 2: Brake and Shroud, Top View (Tall Brake Assembly Shown)

1. BRAKE HANDLE ASSEMBLY SHROUD
2. SHROUD MOUNTING SCREW (IN BOTTOM OF CUP HOLDER)

2. Remove the shroud.

3. Disconnect the parking brake light harness connector (Figure 3).

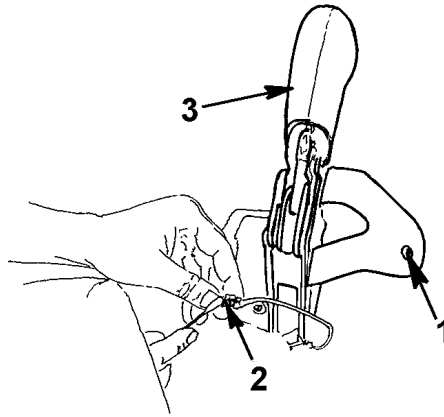


Figure 3: Harness Connector Disconnect

- 1. SHROUD MOUNTING HOLE (CUP HOLDER)
- 2. HARNESS CONNECTOR
- 3. PARKING BRAKE HANDLE

- 4. Move the park brake lever to the released position. (Cable tension of 500 lbs could cause injury).
- 5. Remove 4 mounting fasteners, (3 nuts and 1 bolt, short brake assembly) and (4 bolts, tall brake assembly) located at the parking brake base plate (Figure 4).

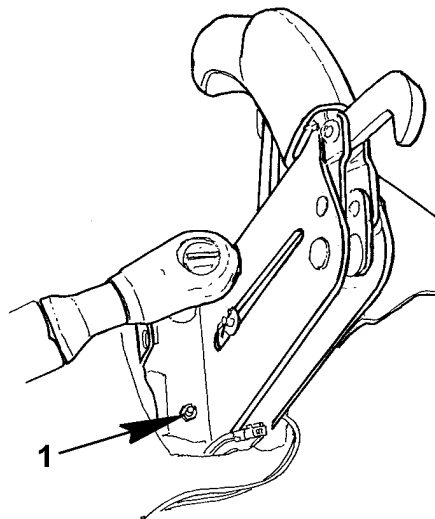


Figure 4: Mounting Fastener Removal

- 1. MOUNTING STUD AND NUT OR BOLT

6. Lift the parking brake lever from the base plate and position it on its side to gain access to the parking brake cable (Figure 5).

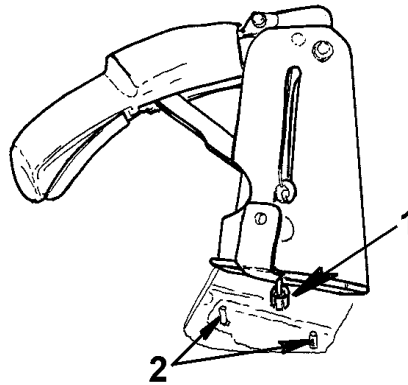


Figure 5: Parking Brake Cable Access

1. CABLE HOUSING END ATTACHMENT FOR MANUAL TRANSMISSIONS
2. PARKING BRAKE CONTROL MOUNTING STUDS FOR MANUAL TRANSMISSION OR BOLTS FOR AUTOMATIC TRANSMISSION

- a. To maintain tension on cable use small vice grip to hold the cable in place (Figure 6).

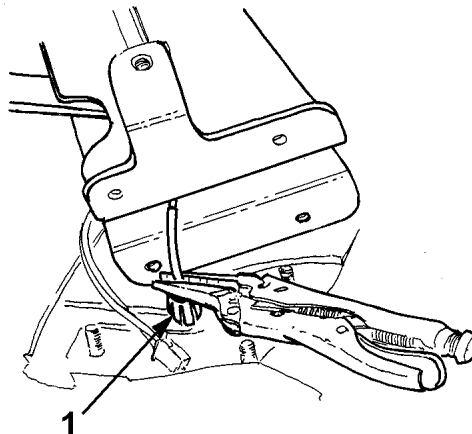


Figure 6: Securing Brake Cable

1. CABLE HOUSING ATTACHMENT

7. Remove the cotter pin and washer from the pivot pin (Figure 7).

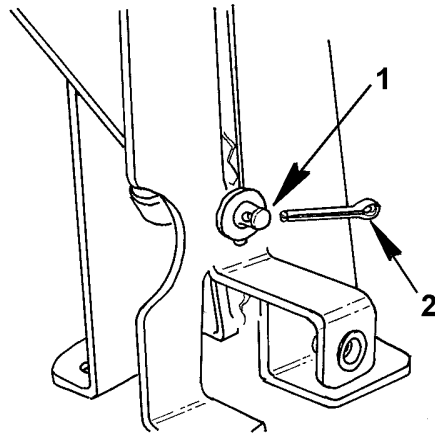


Figure 7: Cotter Pin Removal

- 1. PIVOT PIN
- 2. COTTER PIN

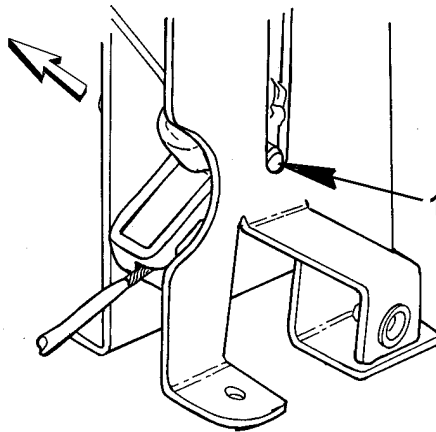


Figure 8: Pivot Pin Removal

- 1. PIVOT PIN

8. Remove the pivot yoke (Figure 8).

9. Disconnect the parking brake cable from the yoke (Figure 9).

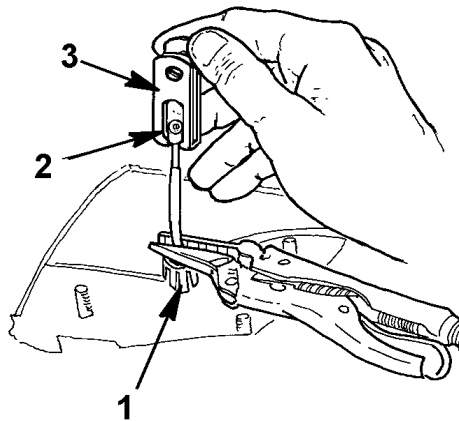


Figure 9: Disconnect Parking Brake Cable From Yoke

- 1. CABLE END ATTACHMENT
- 2. PARKING BRAKE CABLE
- 3. PIVOT YOKE

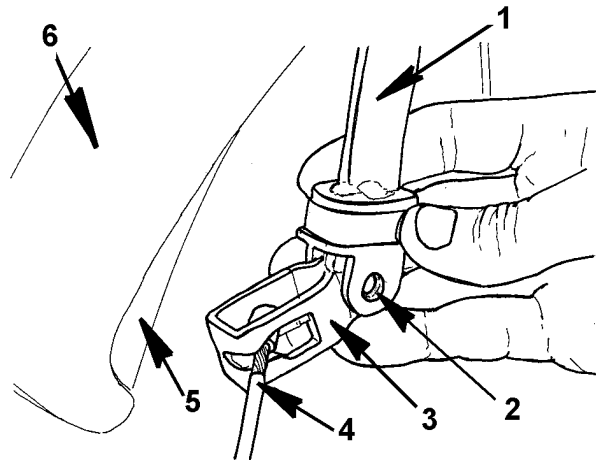


Figure 10: Tall Brake Release Assembly

- 1. PIVOT YOKE ARM
- 2. PIVOT PIN LOCATION
- 3. PIVOT YOKE
- 4. PARKING BRAKE CABLE ASSEMBLY
- 5. BRAKE RELEASE MECHANISM
- 6. PARK BRAKE RELEASE HANDLE

10. **Tall Parking Brake Lever, Part Number 3541522C6. This procedure applies to only the tall parking brake levers.** Disconnect the cable housing from the parking brake lever.

NOTE: The new short parking brake lever, Part Number 3541521C6, will be supplied with a mounting base plate. Remove and discard the base plate.

11. Connect the parking brake cable to the pivot yoke and assemble to the new lever, by installing the pivot pin, washer and cotter pin (Figure 7 and Figure 8).
12. **Tall Parking Brake Lever, Part Number 3541522C6. This procedure applies to only the tall parking brake levers.** Connect the parking brake cable housing to the new lever.
13. Continue installing the new parking brake lever by following Steps 1 to 7 in reverse order.
14. Retorque fasteners to 72–96 in-lbs (8–11 Nm).
15. Do not return the removed parking brake lever assembly. Destroy and scrap the parking brake lever assembly locally.

PART INFORMATION

The required part numbers for this campaign are listed below by application in Table 1.

Table 1

Part Number	Description	Quantity
3541521C6	Parking Brake Lever (Short) for Models with Manual Transmissions	1
3541522C6	Parking Brake Lever (Tall) for Models with Automatic Transmissions	1

LABOR INFORMATION

<u>Operation No.</u>	<u>Description</u>	<u>Time</u>
A40-01509-1	R & R Parking Brake Lever Assembly	0.5 hrs

CAMPAIGN IDENTIFICATION LABEL

Each vehicle corrected in accordance with Campaign letter G-01509 will require a CTS-1075 Campaign Identification Label.

Attach the CTS-1075 label on a clean surface next to the vehicle identification number (VIN) plate.



ADMINISTRATIVE/DEALER RESPONSIBILITIES (CANADA & 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, 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.

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

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 Recall Number 01509	NOUN: Leave Blank.	C: (CAUSE) Enter either 1, 2, or 3. 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.

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, 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 Recall letter G-01509.

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.

Distribution: All Canadian Dealers

INTERNATIONAL TRUCK AND ENGINE CORPORATION