



# VEHICLE RECALL

**G-02507  
July 2002**

**SUBJECT: VEHICLE RECALL (U.S., EXPORT)  
Lower/Horizontal Clutch Rod Replacement on 4300  
and 4400 Models Built from 10/24/2000 Through  
5/30/2002 with Manual Transmissions.**

## **DEFECT DESCRIPTION**

Lower/horizontal clutch rods with turnbuckles may fail from fatigue near the turnbuckle due to bending forces experienced during clutch pedal applications.

## **RISK TO MOTOR VEHICLE SAFETY**

The lower/horizontal clutch rod can break without warning and make it difficult to shift the transmission. If the clutch rod breaks while the vehicle is stopped with the engine running or during deceleration, the vehicle may lunge unexpectedly in the direction of the selected gear. Either of these conditions could cause a vehicular accident, possibly resulting in property damage, personal injury or death.

## **DESCRIPTION OF VEHICLES INVOLVED**

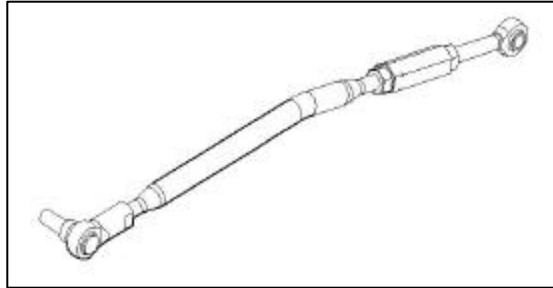
Only 4300 and 4400 models built with manual transmissions from 10/24/2000 through 5/30/2002.

## **OWNER NOTIFICATION**

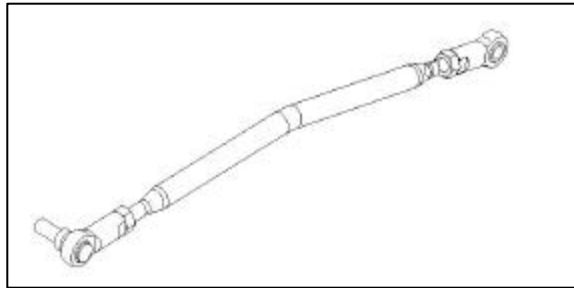
International Truck and Engine Corporation will notify owners of these vehicles about this campaign. A copy of the owner letter is attached. During the recall process, a listing of owner names and addresses will be furnished to the involved dealers to enable dealers to follow up with owners and have the vehicles corrected. 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.

## **SERVICE PROCEDURE**

**DESCRIPTION:** All vehicles in this recall must have the original lower/horizontal clutch rod replaced. The original rod has a turnbuckle and the new rod does not have a turnbuckle (see Figures 1 and 2 below).



**Figure 1: Replace original clutch rod PN: 3544400C91 with turnbuckle.**



**Figure 2: Install new clutch rod PN: 3532869C91 without turnbuckle.**

**Before performing the service, please read and understand the following instructions completely.**

**WARNING:** To prevent serious eye injury, always wear safe eye protection when you perform vehicle maintenance or service.

1. **WARNING:** Block the wheels to prevent the vehicle from moving. If a vehicle moves unexpectedly or suddenly, the result could be serious personal injury or death.
2. **WARNING:** If the vehicle must be raised, do not work under a vehicle supported only by jacks. Jacks can slip or fall over, potentially resulting in serious personal injury or death.
3. Shut off the engine, apply the parking brake and put the transmission in neutral.

4. Removing the complete lower/horizontal clutch rod as an assembly:
  - A) Do not loosen the turnbuckle or jam nuts.
  - B) Remove the nut and washer connecting the forward end to the relay or bell crank.
  - C) Hold the rod and remove the bolt that connects the rearward end to the clutch release lever, then remove the rod assembly.
5. Adjusting the new rod to length:
  - A) On the old rod, measure the straight distance from rod end to rod end.
  - B) Measure the new rod in the exact same way and adjust it to match the old rod length by turning the rod ends.
  - C) Verify that the new rod is the same length as the old rod.
  - D) Align the rod so that the bend of the rod is in the same plane as the flat face of the rod ends by turning the rod ends as required. When the stud is pointed horizontally, the bend should be in the up or vertical direction.
  - E) Tighten the jam nuts on the rod ends to 7-11 **Lbf-Ft** (10 – 15 NM).
6. Installing the adjusted rod:
  - A) Install the rod with the studded end towards the front and with the stud pointing inboard and through the bell crank.
  - B) Install the nut and lock washer on the stud and torque to 14 – 18 **Lbf-Ft** (19 – 24 NM). Note: the bend in the rod should be in the up position.
  - C) Install the other end, the end without the stud, to the outboard side of the clutch release lever using the M10 bolt. Tighten the bolt to 35 – 43 **Lbf-Ft** (47 – 58 NM).
7. Refer to International's Master Service Manual group 11 for clutch final adjustment. First check the clutch internal adjustment and adjust if necessary. Then check the clutch free travel and adjust if necessary.
8. Scrap the old clutch rod locally to assure it will not be used again.

## **PART INFORMATION**

All vehicles need to have the original style lower/horizontal clutch rod (with turnbuckle) replaced. A few of the vehicles may have had the newly designed clutch rod (3532869C91, without turnbuckle) installed before this recall was released. Purge all 3544400C91 parts from your inventory.

**RETURNING PARTS:**     **Scrap the removed defective clutch rods locally.**  
**Do not return these parts.**

## **LABOR INFORMATION**

**NOTE:** There is only one labor operation required for this recall. All vehicles must have the original lower/horizontal clutch rod replaced.

<b><u>Operation No.</u></b>	<b><u>Description</u></b>	<b><u>Time</u></b>
A40-02507-1	Replace the lower/horizontal Clutch rod assembly	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.



## **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 the 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 a vehicle or refund the purchase price less a reasonable allowance for depreciation, every effort must be made to promptly schedule an appointment with each owner to repair his or her vehicle as soon as possible.

## **WARRANTY CLAIMS**

**Special Note:** Most claims should use cause number 2 below.

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 The Recall Number	NOUN: Leave Blank.	C: (CAUSE) Enter number 1 or 2. 1. Inspected (No Repair Required). 2. Inspected and repaired.	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, the transfer location or the 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 your Regional Service Manager.

## **INTERNATIONAL TRUCK AND ENGINE CORPORATION**