



# VEHICLE RECALL

**G-04515**  
**September 2004**

**SUBJECT: SAFETY RECALL (U.S., EXPORT)**  
**BRAKE GROUP ATTACHMENT on certain 9200*i*,  
9400*i*, and 9900*i* models built 7/26/2004 thru  
7/29/2004**

## **DEFECT DESCRIPTION**

Only eight (8) bolts may have been installed in the brake group mounting to the rear axles of some of the above units. The brake group, an assembly that includes the brake shoes, air chambers, slack adjusters, and spider, is normally attached to the axle housing with nine (9) bolts. When one or more bolts are missing, the structural integrity of the brake group mounting is questionable. This may result in a loss of braking ability on the rear axles without warning and may result in **property damage, personal injury or death.**

## **MODELS INVOLVED**

This Safety Recall involves 9200*i*, 9400*i*, and 9900*i* models built between 7/26/2004 and 7/29/2004 at the Chatham, Ontario Assembly Plant.

## **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.

## **PARTS INFORMATION**

The parts required for this recall are:

<b>Part Number</b>	<b>Part Description</b>	<b>Quantity</b>
<b>25334R1</b>	BOLT, 5/8-NF X 1-3/4 PHC TYPE	Up to 4, See RECALL SERVICE PROCEDURE
<b>406267C1</b>	WASHER, SPECIAL 5/8	Up to 4, See RECALL SERVICE PROCEDURE
<b>9411658</b>	NUT, HEX LOCK 5/8 NF	Up to 4, See RECALL SERVICE PROCEDURE

## **SERVICE PROCEDURE**



### **WARNING:**

***TO PREVENT SERIOUS EYE INJURY, ALWAYS WEAR SAFE EYE PROTECTION WHEN YOU PERFORM VEHICLE MAINTENANCE OR SERVICE.***



### **WARNING:**

***TO PREVENT UNEXPECTED MOVEMENT OF THE VEHICLE AND POSSIBLE SERIOUS PERSONAL INJURY OR DEATH, BLOCK THE WHEELS TO PREVENT THE VEHICLE FROM MOVING IN BOTH DIRECTIONS.***

## ***WHEEL END INSPECTION PROCEDURE***

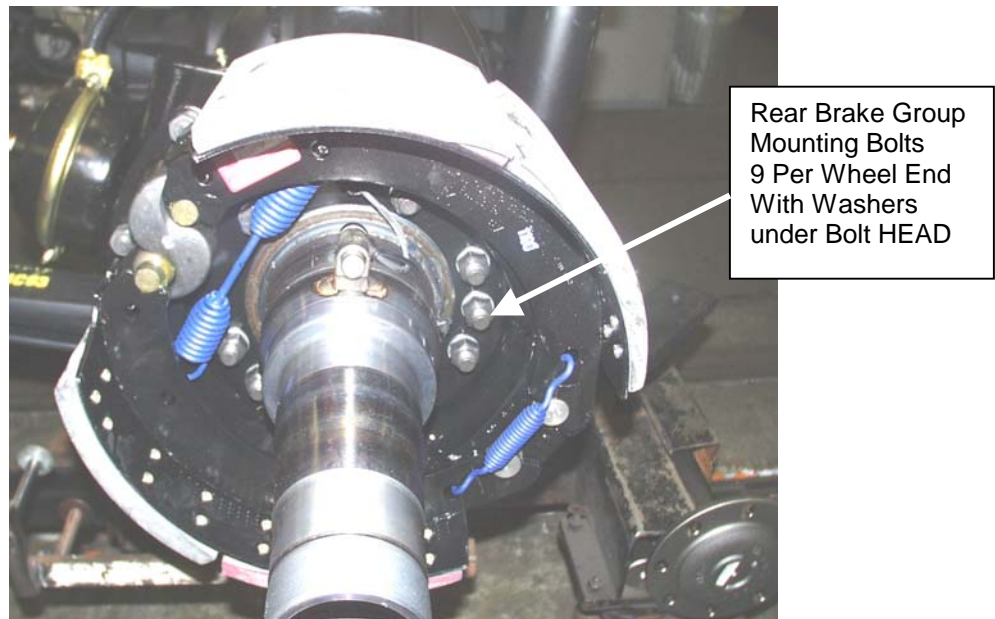
1. Inspect backside of forward-rear and rear-rear drive axle wheel ends to determine if the correct number of spider mounting bolts were installed.
  - a. Removal of the dust shield (if installed) may be required to correctly identify and count all bolts.

2. There should be a total of nine (9) bolts in each rear wheel brake group mounting.
3. Perform the **Bolt Installation Procedure** on all rear-rear and forward-rear axle wheel ends that do not have nine (9) brake group mounting bolts.

### **BOLT INSTALLATION PROCEDURE**

1. Remove rear wheel assembly (rim and tire).
2. Release park brake.
3. Remove rear brake drum (or hub). This may require loosening the brake adjustment.
4. Install missing nut, bolt, and washer. There should be a total of nine (9) bolts per wheel end.

**NOTE: INSTALL HEAD OF BOLT IN TOWARDS CENTERLINE OF VEHICLE. INSTALL WASHER UNDER BOLT HEAD ONLY.**



**Figure 1 – Rear Brake Group Mounting**

5. Torque new rear brake group bolt to **175-190 Lbf-Ft (240-260 Nm)**.
6. Perform a torque check on remaining bolts to **175-190 Lbf-Ft (240-260 Nm)**.
7. Install rear brake drum (or hub).
8. Adjust outer wheel bearing adjusting nut and check end play with dial indicator if hub was removed.

9. Re-install rear wheel assembly (rim and tire).

10. Adjust rear brake slack adjusters.

## END OF SERVICE PROCEDURE

### LABOR INFORMATION

<u>Operation No.</u>	<u>Description</u>	<u>Time</u>
A40-04515-1	<i>Base Inspection, All Vehicles must Receive</i>	0.5 Hr
A40-04515-2	<i>Add on for Bolt Install on One (1) Wheel End Only</i>	0.7 Hr
A40-04515-3	<i>Add on for Bolt Install on Two (2) Wheel Ends Only</i>	1.4 Hr
A40-04515-4	<i>Add on for Bolt Install on Three (3) Wheel Ends Only</i>	2.1 Hr
A40-04515-5	<i>Add on for Bolt Install on All Four (4) Wheel Ends Only</i>	2.8 Hr

Every vehicle will require at least an inspection to determine if additional fasteners are required.

### 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.

<b>DO NOT REMOVE</b>
<b>INTERNATIONAL</b>
Campaign No.
VIN
Eng.#
<b>COMPLETED</b>
Service Location Code #
<b>DO NOT REMOVE</b>

### 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 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 an owner vehicle or refund the purchase price, 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**

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

## **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 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 the Regional Service Manager at your regional office.

## **INTERNATIONAL TRUCK AND ENGINE CORPORATION**