

# ***SERVICE PROCEDURE***

**G-07504**  
**March 2007**

**SUBJECT: SAFETY RECALL (MEXICO, EXPORT)**  
**AIR BRAKE TUBING on 4300 and 4400 tractors built**  
**6/21/2004 thru 2/21/2007**

## **DEFECT DESCRIPTION**

Air brake tubing is routed incorrectly causing the rear axle of the tractor to not receive the proper air pressure while a trailer is connected to the vehicle. This reduced air pressure lessens the braking force the tractor's rear axle brakes can apply. Under certain loaded tractor-trailer conditions, this reduced braking force may increase stopping distance. An unexpected increase in stopping distance may contribute to a vehicle crash which may result in property damage, personal injury or death.

## **MODELS INVOLVED**

This Safety Recall involves certain 4300 and 4400 tractors built 6/21/2004 thru 2/21/2007 with feature codes: **0004092** – *TRACTOR DUAL AIR BRAKE SYSTEM* AND **0004AZG** – *OMIT AIR BRAKE ANTILOCK SYSTEM*.

## **PARTS INFORMATION**

<b>Part Number</b>	<b>Part Description</b>	<b>Quantity</b>
<b>2024458C1</b>	FITTING, "T" QUICK CONNECT 3/8" QC X 3/8" TUBE X 3/8" TUBE	<b>1</b>
<b>2017509C1</b>	FITTING, ELBOW QUICK CONNECT 90 DEGREE 1/8" NPT X 3/8" TUBE	<b>1</b>
<b>417199C3</b>	TUBE,NYLON BULK 3/8	<b>17ft (5050mm)</b>
<b>291207C1 or Equivalent</b>	STRAP, TIE	<b>As Necessary</b>

## **SERVICE PROCEDURE**



### **WARNING:**

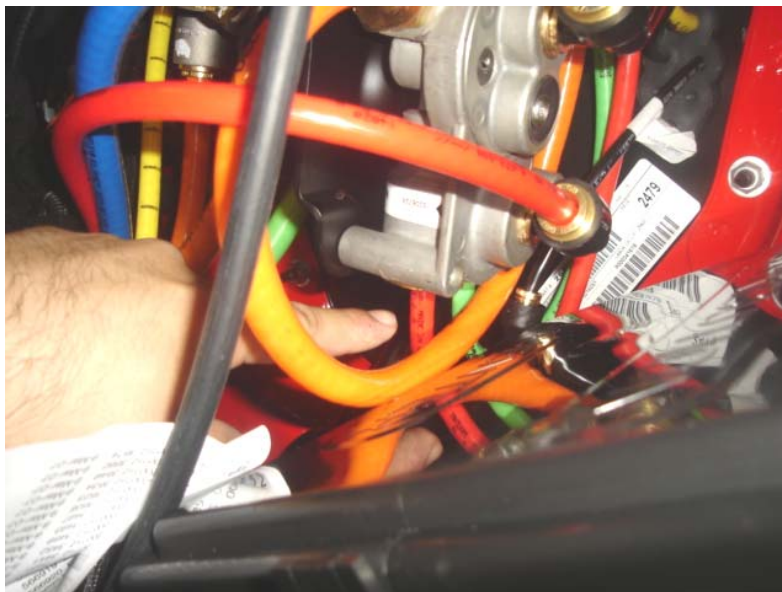
***TO PREVENT SERIOUS EYE INJURY, ALWAYS WEAR SAFE EYE PROTECTION WHEN YOU PERFORM VEHICLE MAINTENANCE OR SERVICE.***



### **WARNING:**

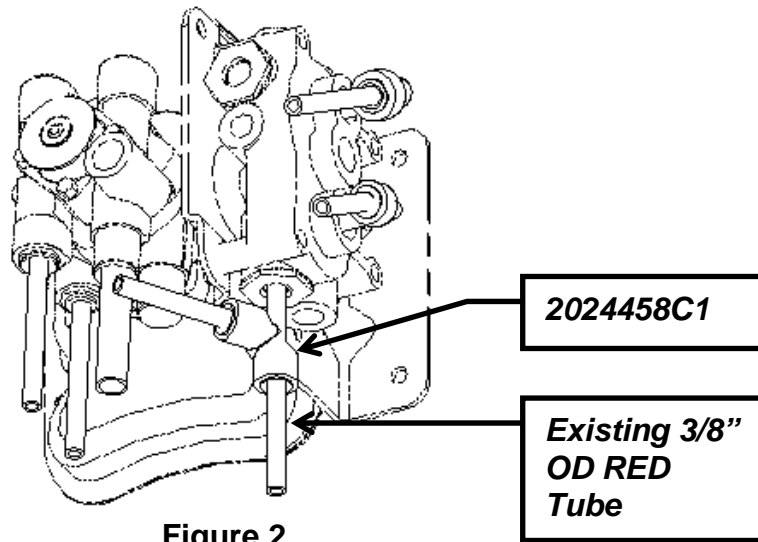
***TO PREVENT UNEXPECTED MOVEMENT OF THE VEHICLE AND POSSIBLE SERIOUS PERSONAL INJURY OR DEATH, BLOCK THE WHEELS TO PREVENT THE VEHICLE FROM MOVING IN BOTH DIRECTIONS.***

1. Drain the vehicle's air tanks by repeatedly depressing the brake pedal or opening the tank drain valves.
2. Open vehicle hood. Locate and remove the single 3/8" OD RED air brake tube located on the bottom side of the TP-5 Tractor Protection Valve, mounted on the driver's side of the firewall.



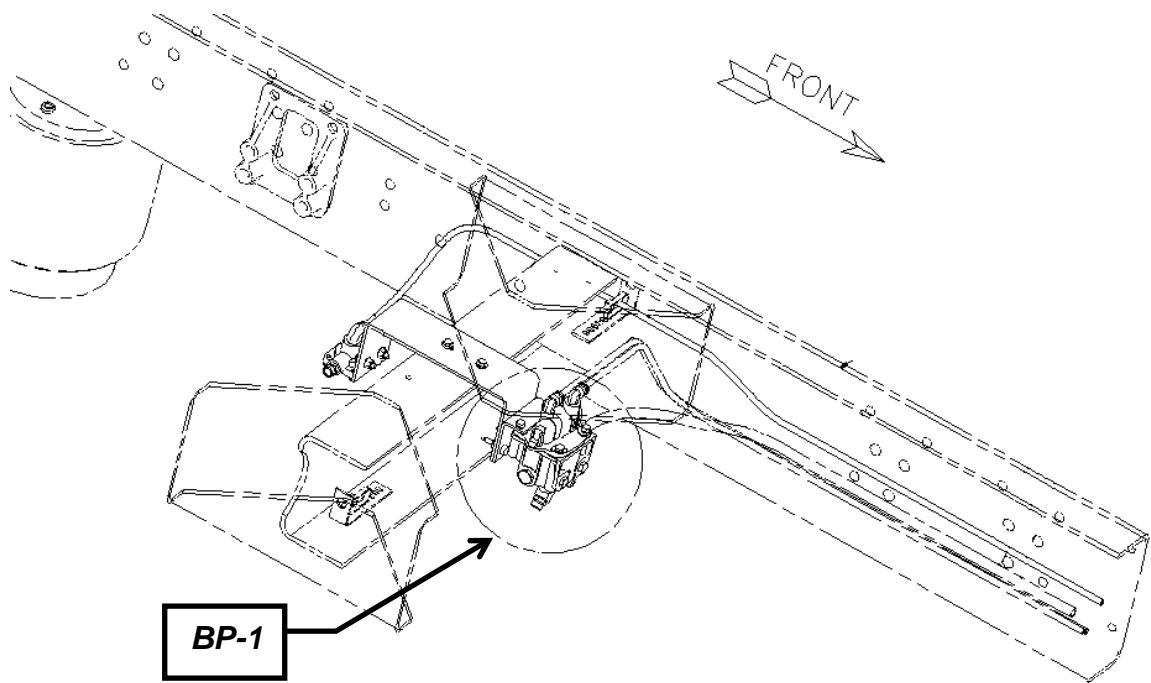
**Figure 1**

3. Install quick connect tee (2024458C1) into port where single 3/8" OD RED tube was located.



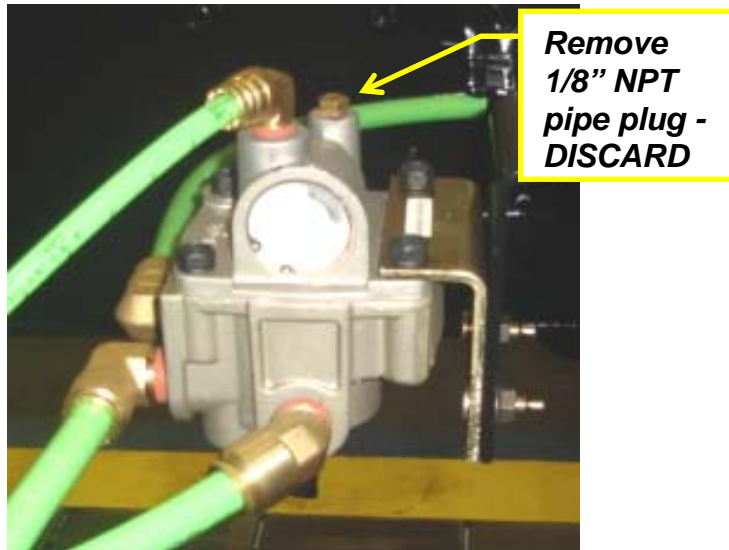
**Figure 2**

4. Locate the BP-1 Bobtail Proportioning valve on the rear frame cross member.



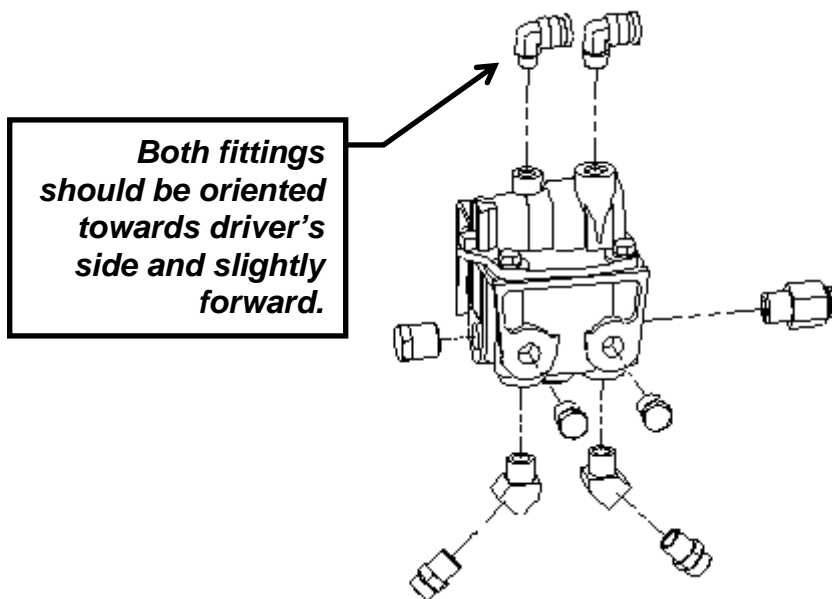
**Figure 3**

5. Remove 1/8" NPT plug from BP1 valve.



**Figure 4**

6. Clean threads if necessary.
7. Install elbow (2017509C1). Orient fitting toward driver's side as shown.



**Figure 5**

8. Install 3/8" OD BLACK service tubing (417199C3) to connect BP-1 bobtail proportioning valve with the TP-5 tractor protection valve. Route tubing as necessary securing with strap-locks no greater than 12" (305mm).



**Figure 6a – 3/8" OD Service Tube shown in RED for Clarity**



**Figure 6b – 3/8" OD Service Tube shown in RED for Clarity**

9. Re-fill vehicle air tanks. Ensure there are no air leaks.

## **END OF SERVICE PROCEDURE**

## LABOR INFORMATION

<u>Operation No.</u>	<u>Description</u>	<u>Time</u>
A40-07504-1	<i>Perform Recall Service Procedure</i>	0.5 hr

## 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>

## 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**