

04V-507

G-04519
November 2004

SUBJECT: NONCOMPLIANCE RECALL (U.S., EXPORT)
AIR TANK CHECK VALVES on RE Busses built
4/1/2004 thru 6/16/2004 with feature code 0004VBX

DEFECT DESCRIPTION

Two (2) check valves may not have been installed on the air tanks to isolate the primary and secondary air circuits. A leak or failure of either air circuit will cause the spring brakes to automatically actuate. This may result in a **vehicle crash without warning**, possibly resulting in **property damage, personal injury or death**.

MODELS INVOLVED

This recall involves RE School Busses built 4/1/2004 thru 6/16/2004 with dual air tank feature code **0004VBX** only.

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:

Part Number	Part Description	Quantity
BX800376	VALVE, CHECK	2 As required by Recall Service Procedure
2017492C1	CONN, PUSH TO CONNECT 1/2 MPT	2 As required by 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.

CHECK VALVE INSPECTION PROCEDURE

1. Conduct a visual inspection to ensure the following check valves are present on the vehicle:

a. WET TANK to PRIMARY TANK

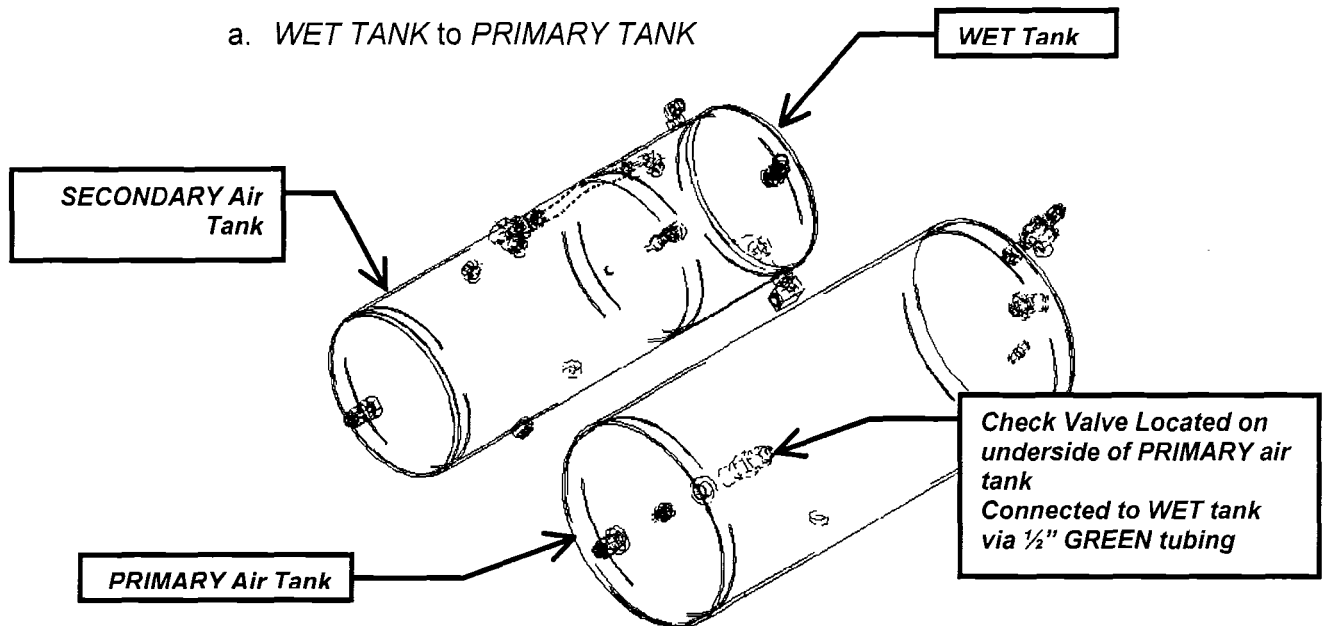


Figure 1

b. WET TANK to SECONDARY TANK

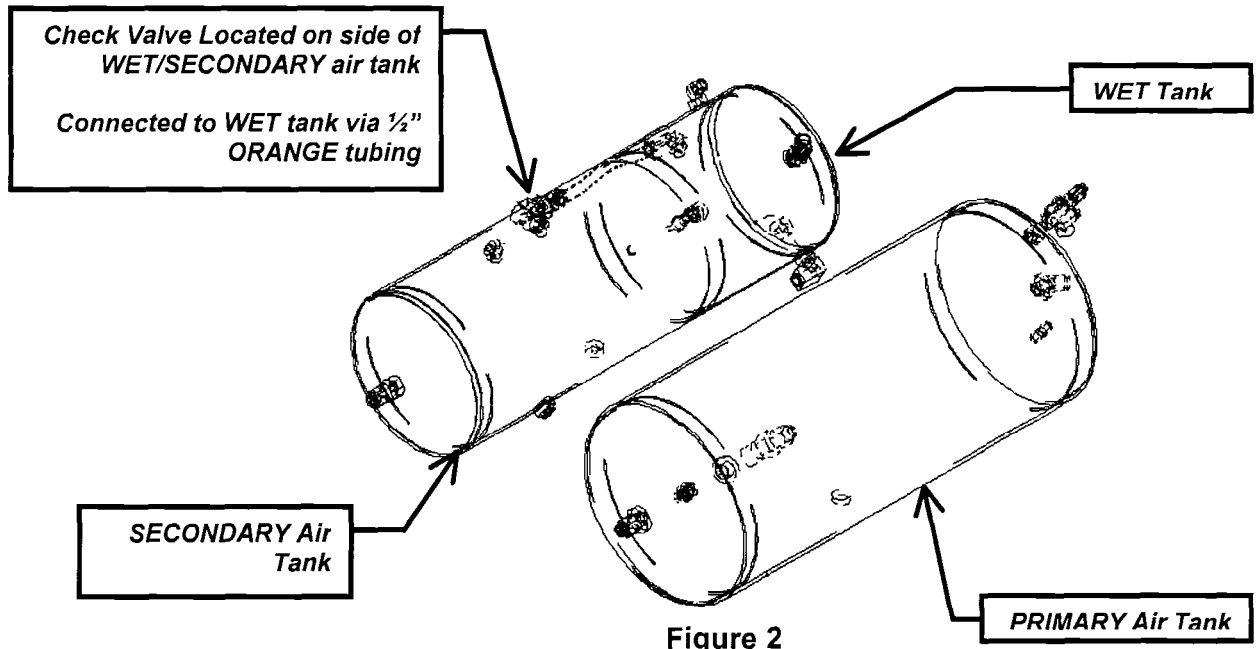


Figure 2

c. If either of the above check valve locations LOOK LIKE THIS:

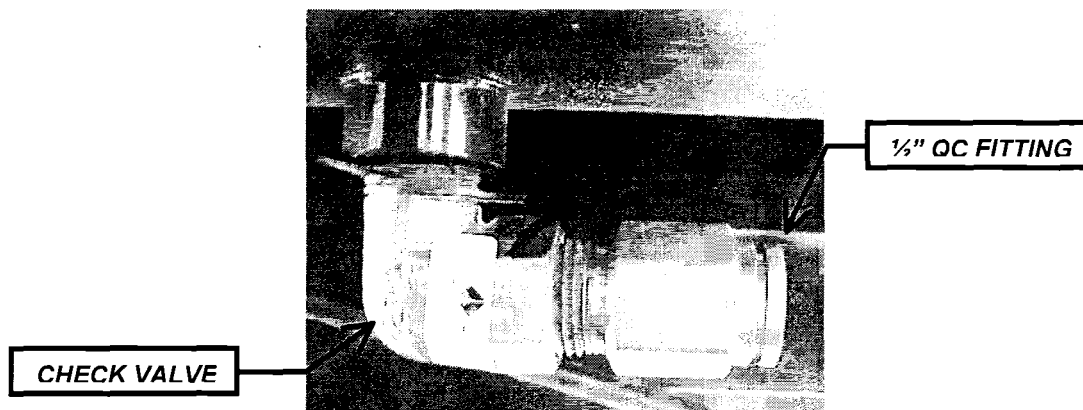


Figure 3

Then NO FURTHER ACTION IS REQUIRED.

d. If either of the above check valve locations LOOK LIKE THIS:

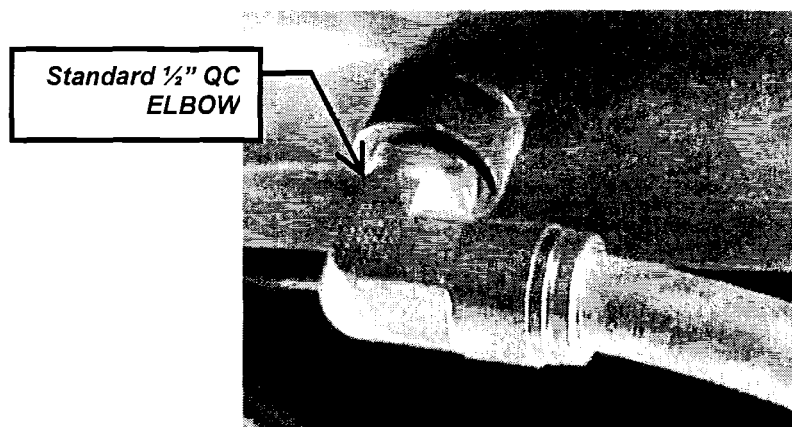


Figure 4

Then PROCEED TO STEP 2, CHECK VALVES MUST BE INSTALLED.

CHECK VALVE INSTALLATION PROCEDURE

2. With engine turned off, depress brake pedal several times until all air pressure is depleted.
3. Open PRIMARY and WET/SECONDARY tank drain valves to deplete any remaining air pressure.
4. Disconnect tubing from standard elbow fitting.

5. You will need to remove $\frac{3}{4}$ "-1" (20-25mm) from the end of the tube to accommodate the check valve and additional fitting.

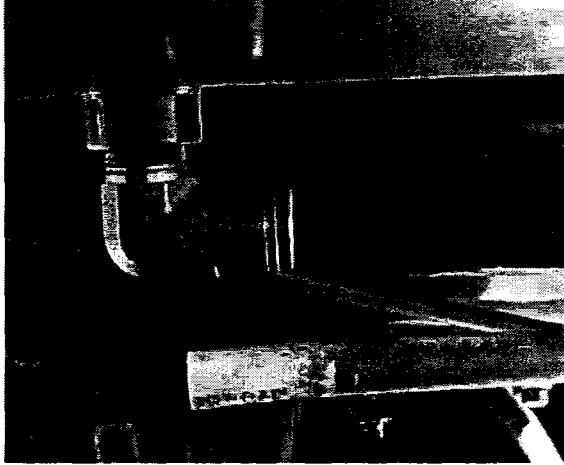


Figure 5

6. Remove standard elbow from air tank.
7. Assemble new fitting to check valve and install into tank. Check Valve Assembly will point **REARWARD**.

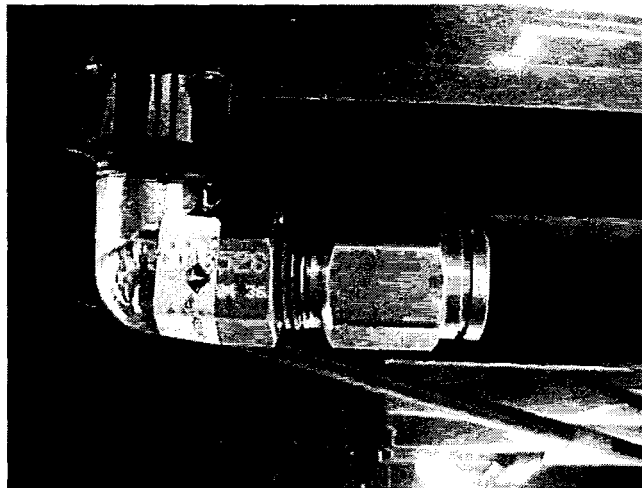


Figure 6

8. Insert air tubing.
9. Start vehicle, allow air system to build pressure, check for and repair any leaks.

END OF SERVICE PROCEDURE

LABOR INFORMATION

<u>Operation No.</u>	<u>Description</u>	<u>Time</u>
A40-04519-1	<i>Inspection Only</i>	0.3 Hr
A40-04519-2	<i>Inspection and Check Valve Install</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.

DO NOT REMOVE
INTERNATIONAL
Campaign No.
VIN Eng.#
COMPLETED
Service Location Code #
DO NOT REMOVE

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.