

VOLVO**SERVICE NEWS**

IMPORTANT SAFETY RECALL INFORMATION! RVXX0501, Auxiliary Axle Air Tank

To: U.S. and Canada Volvo Dealer Principals
U.S. and Canada Volvo Service Managers
U.S. and Canada Volvo General Managers
Dealer Part Managers

Bulletin:
Date:

SN 05-15
June 14, 2005

From: Tim LaFon, Regulatory Compliance Administrator

Subject: Safety Alert . New recall RVXX0501

Safety Recall Summary:

On VHD84B model vehicles built between March 24, 2003 and February 26, 2004, the auxiliary air tank required for the auxiliary lift axle was not installed. Without the air tank, the vehicles fail to conform to the requirements of Federal Motor Vehicle Safety Standard No. 121 and Canadian Motor Vehicle Safety Standard 121, "Air Brake Systems."

There are 31 vehicles affected by this recall (9 of 31 vehicles are domiciled in Canada).

Dealer's Responsibility:

The National Traffic and Motor Vehicle Safety Act and Canadian Motor Vehicle Safety Act requires dealers to insure that all new and used vehicles are free of safety defects and comply with all relevant safety standards at the time of delivery to the consumer. All Safety Recalls, which affect new or used inventory, must be performed before the vehicle is sold or leased.

Additionally, Dealers should make their personnel aware of the safety recall. In the event that a dealer has a vehicle included in the safety recall, the vehicle must be addressed before releasing it to a customer.

Release Schedule:

- **Safety Bulletins were posted on the Trucks Dealer Portal on June 14, 2005.**
- Dealer lists will be mailed on June 27, 2005. Only the dealers having new vehicle inventory and/or having sold product affected by this safety recall will receive a dealer list.
- Parts are available.
- Owner notices will be mailed on June 30, 2005.

Questions:

Contact the Regulatory Compliance Department at (336) 393-2233 if you have questions.

SAFETY RECALL BULLETIN

ATTENTION: SERVICE MANAGERS
PARTS MANAGERS

SUBJECT: Auxiliary Axle Air Tank

SAFETY RECALL INFORMATION:

Volvo Trucks North America, Inc. has decided that on VHD84B model vehicles built between March 24, 2003 and February 26, 2004, the auxiliary air tank required for the auxiliary lift axle was not installed. Without the air tank, the vehicles fail to conform to the requirements of Federal Motor Vehicle Safety Standard No. 121 and Canadian Motor Vehicle Safety Standard 121, "Air Brake Systems."

As a result of the non-compliance, the stopping distance may increase when making multiple brake applications due to the lack of additional air capacity, which could result in a crash.

VEHICLES AFFECTED:

All Volvo VHD84B model vehicles manufactured by Volvo Trucks North America, Inc. between March 24, 2003 and February 26, 2004 at the New River Valley manufacturing facility. There are thirty-one (31) vehicles affected by this recall.

NOTE: To verify or determine if a particular vehicle is affected by this recall (or any other recall), you should consult the DCS, Service/Warranty screen. By entering the Vehicle Identification Number into the VEHINQ segment, the screen will display any outstanding recall.

If a "Dealer Listing" is enclosed it identifies the vehicles that were sold or shipped to your dealership. Be sure to check the VEHINQ screen before performing the recall to verify that the recall is still open.

INSPECTION INSTRUCTIONS:

There are no inspections associated with this recall.

REPAIR:

The recall repair will consist of installing the air tank



TIME ALLOWANCE:

- | | |
|-------------------------------------|---------------------------------|
| Inspection: | - Not required for this recall. |
| Repair (includes take charge time): | - 2 hours per vehicle |

RECALL PARTS:

Recall Kit Number: **85108325**

The kit consists of auxiliary air tank, fittings, hardware and airline to install tank.

One (1) kit is required per vehicle.

KIT ORDERING PROCEDURES:

Kits for this recall should be ordered through Volvo Trucks North America, Inc. Dealer Communication System. The following information is required to place an order:

1. Your dealer account number, and
2. Recall kit number.

NOTE IMPORTANT CHANGE:

Kits should be ordered CLASS THREE (3)! On class three orders, Volvo Trucks North America pays for all shipping costs; therefore, Dealer Claims MUST NOT include shipping costs.

In the event where a dealer does not have a recall kit in stock and has a vehicle that requires the recall, the dealer should order the recall kit CLASS ONE (1) to ensure the quickest possible delivery. Since dealers are responsible for the shipping cost on class one orders, **the dealer should include the expense of shipping in the claim.**

The cost of the kit plus 30% dealer mark-up will have to be claimed according to the guidelines identified under the heading "*Claims for Credit*".

DEALER INVENTORY:

No parts in dealer inventory will be affected by this recall.

REMOVED PARTS:

There are no removed parts with this recall.

CLAIMS FOR CREDIT:

Expenses associated with the performance of this recall will be reimbursed based on the guidelines identified in this bulletin, and by submitting a claim following published instructions in section 10-7-4-9 of the "Service Operations Manual" and chapter 20 of the "Parts Operations Manual".

NOTE: Claims for a recall repair **MUST** be submitted within 2 working days from the repair date.

CLAIM CODING INFORMATION:

Type: - P

Authorization Number: - RVXX0501

Inspection: - None

Repair (includes take charge time): - 56201-0-02 (2 hours per vehicle)

OWNER RECALL RESPONSE CARD:

The "Owner Recall Response Card" is to provide the vehicle owner with a convenient way to notify Volvo Trucks North America, Inc. of changes affecting the ownership of the subject vehicle. The owner card is not intended for dealer usage other than to assist you in the preparation of the repair orders necessary to perform the applicable recall on the subject vehicle. Please do not use the card as a way to inform Volvo Trucks North America, Inc. that the vehicle has been inspected or modified. Your DCS claim on line is the appropriate means of informing Volvo Trucks North America, Inc. that the vehicle has been inspected or modified.

DEALER RECALL RESPONSIBILITY:

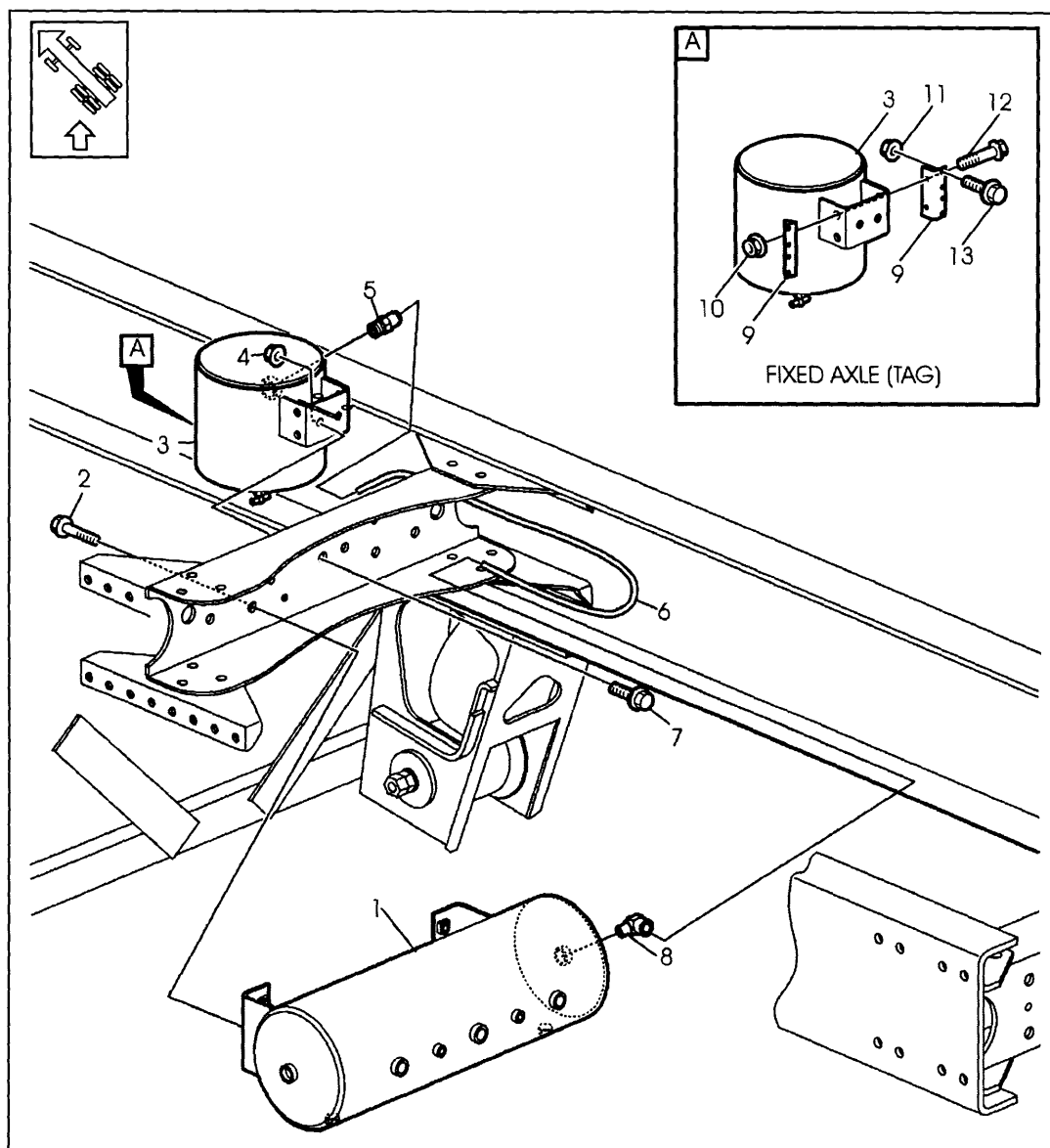
Dealers are to perform the recall on all vehicles subject to the recall at no charge to the owner regardless of mileage, age of vehicle, or ownership from this time forward. Whenever a vehicle subject to this recall is taken into or is in your vehicle inventory or dealership for service, we **strongly recommend** you make every effort to perform the recall correction before the vehicle is sold or released to the owner.

IMPORTANT NOTICE:

Please note that the National Traffic and Motor Vehicle Safety Act requires that the owner's vehicle(s) be corrected within a reasonable time after parts are available to you. The law states that failure to repair a vehicle within sixty (60) days after tender for repair shall be a prima facie evidence of unreasonable time. However, circumstances of a particular situation may reduce the sixty (60) day period. If an owner's vehicle is not repaired within a reasonable time, he or she may be entitled, without charge, to a reasonable equivalent vehicle or refund of the purchase price, less reasonable allowance for depreciation.

SAFETY RECALL RVXX0501
JUNE 2005

Repair Instructions



W5001525

1) Aux Air Tank (existing)	2) Flange Screw (existing)	3) Aux Air Tank (20447161)	4) Flange Nut (979230)	5) Fitting (8397721)
6) Air Line (945462)	7) Flange Screw (965192)	8) Fitting (8397707)	9) Bracket (20414359)	10) Flange Nut (971098)
11) Flange Nut (971098)	12) Flange Screw (968237)	13) Flange Screw (946472)		

1. Drain the air from the air system

2. Remove the bolt mounting the existing auxiliary air tank to the auxiliary axle crossmember to allow access to the crossmember.

3. Install the fitting (8397721) in the new auxiliary air tank (20447161).

NOTE: Tighten the fitting 2 turns past finger tight. Over tightening the fitting may damage the fitting or air tank bung.

For vehicles equipped with a lift type (pusher) auxiliary axle, mount the new air tank to the crossmember using the 2 flange screws (965192) and 2 flange nuts (979230).

Torque the bolts to 85 ± 15 Nm (63 ± 11 ft-lb).

For vehicles equipped with a fixed position (tag) auxiliary axle, attach 2 brackets (20414359) using 2 flange screws (968237) and 2 flange nuts (971098) to the air tank.

Then attach the air tank to the crossmember using the 4 flange screws (946472) and 4 flange nuts (971098).

Torque the bolts to 48 ± 8 Nm (35 ± 6 ft-lb).

4. Remove the plug from the end cap of the existing auxiliary air tank and install the fitting (8397707).

NOTE: Tighten the elbow fitting 1 to 1.5 turns past finger tight, then tighten clockwise to align with the tubing, never loosen to align the fitting. Over tightening the fitting may damage the fitting or air tank bung.

5. Reinstall the existing auxiliary air tank. Torque the bolts to 85 ± 15 Nm (63 ± 11 ft-lb).

6. Connect the new airline (945462) to the existing auxiliary air tank. Carefully route the airline to the new auxiliary air tank, cut off any excess, and connect it to the fitting. Secure the airline with cable ties as required.

NOTE: Make sure the new airline does not rub on any surfaces.

7. Start the engine and build up air pressure and check for leaks.

SAFETY RECALL RVXX0501
JUNE 2005

Dear Volvo Truck Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

Volvo Trucks North America, Inc. has decided that certain Volvo VHD84B model vehicles built between March 24, 2003 and February 26, 2004 fail to conform to the requirements of Federal Motor Vehicle Safety Standard No. 121, "Air Brake Systems."

SAFETY DEFECT: The auxiliary air tank required for the auxiliary lift axle was not installed.

POTENTIAL RISK: Without the air tank, the vehicle does not comply with the Federal Motor Vehicle Safety Standard 121. During multiple applications of the brake pedal, the stopping distance may increase due to the lack of additional air capacity, which could result in a crash.

PRECAUTIONS YOU CAN TAKE: There are no precautions that you can take other than having your vehicle repaired.

WHAT YOU SHOULD DO: Volvo Trucks North America, Inc. urges you to immediately contact a Volvo truck dealer for a service appointment to have your vehicle repaired. Parts are currently available for shipment to the dealer scheduling your service appointment. To locate the closest Volvo Truck Dealer you can go on line to www.volvotrucks.us.com and select "Dealer Locator" or call our toll-free number: 1-800-528-6586.

REPAIR: A Volvo Truck Dealer will install the air tank at no charge to you regardless of your vehicle's age or mileage. The labor time required to repair your vehicle is approximately 2 hours.

PRE NOTIFICATION REMEDIES: If you have previously paid for the installment of the air tank for this particular issue, you may be entitled to recovery of those expenses. Submit copies of all documentation supporting your claim according to the rules specified in the "General Plan for Reimbursement of Pre-notification Remedies" provided in this mailing.

**NOTICE REGARDING
LEASED VEHICLES:**

If you are a Lessor of vehicles subject to this Notice, you have an obligation under Federal Law to provide a copy of this Notice to all Lessees within 10 days of your receipt of this Notice. Further, you must maintain a record, which identifies the Lessee(s) to whom you send a copy of this letter, the date you send this letter, and the Vehicle Identification Number(s) of the vehicle(s) that you have leased to that Lessee. For purposes of this Notice, the term Lessor means: a person or entity that is the owner, as reflected on the vehicle's title, of any five or more leased vehicles (as defined in 49 CFR Section 577.4), as of the date of notification by the manufacturer of the existence of a safety-related defect or non-compliance with a Federal Motor Vehicle Safety Standard in one or more of the leased motor vehicles.

**OWNER RECALL
RESPONSE CARD:**

The enclosed "Owner Recall Response Card" identifies your vehicle. Presentation of this card to any authorized full-service Volvo Truck Dealer will assist in the processing of your vehicle in the shortest time possible. If you do not own, have sold or have traded the vehicle identified, please let us know by completing the response card, which can be mailed back to Volvo Trucks North America, Inc.

ASSISTANCE/:

If your vehicle has not been repaired within a reasonable time after delivering it to a Volvo Truck Dealer, please contact:

Volvo Trucks North America, Inc.
Regulatory Compliance Department,
P.O. Box 26115
Greensboro, NC 27402-6115
Phone: (336) 393-2233

You may also submit complaints to the Administrator of the National Highway Safety Administration (400 Seventh Street, S.W., Washington DC 20590 or call the toll-free Auto Safety Hot Line at 1-888-327-4236) if you believe that Volvo Trucks North America Inc. has failed to remedy the defect without charge, or has failed to remedy the vehicle within 60 days of the owners first tender to obtain repair following the earliest time that parts are available.

We regret any inconvenience this recall may cause, but hope you will share in our concern for your safety and satisfaction with your vehicle.

Sincerely,
Volvo Trucks North America, Inc.