

DAIMLER



August 19, 2009

Daimler Trucks North America
Nasser Zamani
Senior Manager
Compliance and Regulatory Affairs

Dan Smith
Associate Administrator for Vehicle Safety
National Highway Traffic Safety Administration
1200 New Jersey Avenue S.E.
Washington D.C. 20590

**Re: Defect Information Report – Supplemental Report No. 1
09V-220, FL-553, Haldex Quick Release Valves**

Mr. Smith

In accordance with Part 573 of Title 49 of the Code of Federal Regulations, Daimler Trucks North America LLC herewith submits supplemental defect information and copies of documents distributed to dealers and purchasers.

- (c)(3) Total number of vehicles potentially affected: 1460**
- (c) (8)(ii) Communications sent to dealers: posted August 8, 2009**
Communications sent to owners: mailed August 12, 2009
- (c) (10) Copies of Communications sent to owners and dealers are attached.**

Please contact me if you have any questions.

Sincerely yours,

A handwritten signature in cursive script that reads "Nasser Zamani".

Nasser Zamani

Cc: Michael Mason, CAL-OSHA
Enclosure
Certified Mail#70042890000412022441

A Daimler Company

Daimler Trucks North America LLC
4747 N. Channel Avenue
Portland OR 97217-7699
503-745-6910 Phone
503-745-5544 Fax
Nasser.Zamani@Daimler.com

Subject: Haldex Quick Release Valves

Models Affected: Specific Freightliner Business Class M2, Cascadia, Columbia, and FLD vehicles; Sterling A/L-Line vehicles; and Freightliner Custom Chassis B2 school bus chassis (Thomas Built Buses Saf-T-Liner C2) manufactured June 11, 2008, through December 16, 2008.

General Information

Daimler Trucks North America LLC, on behalf of its Freightliner Trucks Division, wholly owned subsidiaries, Sterling Truck Corporation and Freightliner Custom Chassis Corporation, has decided that a defect that relates to motor vehicle safety exists on the vehicles mentioned above.

There are approximately 1,500 vehicles involved in this campaign.

The rubber diaphragm in certain Haldex quick release valves may delaminate causing leakage past and/or through the diaphragm in excess of specifications or restricting or blocking air flow. This may cause slow application of the parking brakes potentially allowing the vehicle to roll away, resulting in a possible vehicle crash.

Quick release valves will be inspected and affected valves will be replaced. It is expected that 70 percent of vehicles will require a new valve.

Additional Repairs

Dealers must complete all outstanding recall and field service campaigns prior to the sale or delivery of a vehicle. A Dealer will be liable for any progressive damage that results from its failure to complete campaigns before sale or delivery of a vehicle.

Owners may be liable for any progressive damage that results from its failure to complete campaigns within a reasonable time after receiving notification.

Work Instructions

Please refer to the attached work instructions. Prior to performing the campaign, check the vehicle for a completion sticker (Form WAR260).

Replacement Parts

Replacement kits are now available.

IMPORTANT: Kits will be ordered directly from Haldex at no charge. Please use the instructions below to place an order. Parts will not be included on FL553 claims.

- Place orders by email or fax.

Email: TerriL.Stewart@Haldex.com

Fax: 816-801-2993

- Subject Line: Recall FL553
- For vehicles in FL553A order kit 25-FL553-000
- For vehicles in FL553B order kit 25-FL553-001
- For questions regarding orders, contact Terri Stewart at 620-365-6911, extension 1357

Recall Campaign

Daimler Trucks
North America LLC

August 2009
FL553AB
NHTSA #09V-220

Table 1 - Replacement Parts for FL553AB

If our records show your dealership has ordered any vehicles involved in campaign number FL553AB, a list of the customers and vehicle identification numbers will be available on AccessFreightliner.com. Please refer to this list when ordering parts for this recall.

Campaign Number	Kit Number	Part Description	Part Number	Qty. per Kit	Suggested Wholesale*
FL553A	25-FL553-000	Quick Release Valve	TDA RKN32041	1 ea	No Charge
		Completion Sticker	WAR260	1 ea	
FL553B	25-FL553-001	Quick Release Valve	TDA RKN32005	1 ea	No Charge
		Completion Sticker	WAR260	1 ea	

* Please charge all Direct Warranty Customers the above-listed price for the kit, as they are authorized to perform their own Recalls.

Table 1

Removed Parts

Please follow Warranty Failed Parts Tracking shipping instructions for the disposition of all removed parts.

Labor Allowance

Table 2 - Labor Allowance

Campaign Number	Procedure	Time Allowed (hours)	SRT Code	Damage Code
FL553AB	Inspect quick release valve and replace as needed	0.3	996-0787A	000-Modifiedx

Table 2

IMPORTANT: When the recall has been completed, locate the base completion label in the appropriate location on the vehicle, and attach the red completion sticker provided in the recall kit (Form WAR260). If the vehicle does not have a base completion label, clean a spot on the appropriate location of the vehicle and first attach the base completion label (Form WAR259). If a recall kit is not required or there is no completion sticker in the kit, write the recall number on a blank sticker and attach it to the base completion label.

Claims for Credit

You will be reimbursed for your parts, labor, and handling by submitting your claim through the Warranty system within 30 days of completing this campaign. Please reference the following information in QuickClaim®:

- Claim type is **Recall**.
- In the FTL Authorization field, enter the campaign number and appropriate condition code (**FL553A or FL553B**).
- In the Primary Failed Part Number field, enter **25-FL553-000**.
- Put nothing in the Parts field. Kits will be ordered directly from Haldex at no charge. Refer to the instructions on page 1 under Replacement Parts.
- In the Labor field, first enter the appropriate SRT from the Labor Allowance Table. For administrative time, enter SRT 939-0010A for 0.3 hours.
- If a new quick release valve fails the operating and leak test (see the Work Instructions), install a second recall kit (still at no charge) and 996-0000T for 0.3 hours of additional labor may be claimed without further authorization. The claim story must state that the new valve failed the operating and leak test, requiring the second recall kit. If this is not included, the additional labor may be denied.

- **Reimbursement for Prior Repairs.** When a customer asks about reimbursement, please do the following.
 - Accept the documentation of the previous repair.
 - Make a brief check of the customer's paperwork to see if the repair may be eligible for reimbursement. (See the "Copy of Owner Letter" section of this bulletin for reimbursement guidelines for this recall.)
 - Contact the Warranty Campaigns Department for a decision and authorization number.
 - Include the approved amount on your claim in sublet/outside purchases.
 - In the claim story, first note the authorization number and that the claim includes a reimbursement request.
 - Retain the documentation and provide it to Warranty Campaigns or Claims Processing if requested.
 - When your claim is paid, reimburse the customer the appropriate amount.

IMPORTANT: ServicePro® must be viewed prior to performing the recall to ensure the vehicle is involved and the campaign has not been previously completed. Also, check for a completion sticker prior to beginning work.

Contact the Warranty Campaigns Department at (800) 547-0712, from 7:00 a.m. to 4:00 p.m. Pacific Time, Monday through Friday, Web inquiry at [AccessFreightliner.com / Support / Submit an Inquiry](http://AccessFreightliner.com/Support/SubmitanInquiry), or the Customer Assistance Center at (800) 385-4357, after normal business hours, if you have any questions or need additional information.

To return excess kit inventory related to this campaign, U.S. dealers must submit a Parts Authorization Return (PAR) to the Memphis PDC. Canadian dealers must submit a PAR to their facing PDC. All kits must be in resalable condition. PAR requests must include the original purchase invoice number.

The letter notifying vehicle owners is included for your reference.

Please note that the National Traffic and Motor Vehicle Safety Act, as amended (Title 49, United States Code, Chapter 301), requires the owner's vehicle(s) be corrected within a reasonable time after parts are available to you. The Act states that failure to repair a vehicle within 60 days after tender for repair shall be prima facie evidence of an unreasonable time. However, circumstances of a particular situation may reduce the 60 day period. Failure to repair a vehicle within a reasonable time can result in either the obligation to (a) replace the vehicle with an identical or reasonably equivalent vehicle, without charge, or (b) refund the purchase price in full, less a reasonable allowance for depreciation. The Act further prohibits dealers from selling a vehicle unless all outstanding recalls are performed. Any lessor is required to send a copy of the recall notification to the lessee within 10 days. Any subsequent stage manufacturer is required to forward this notice to its distributors and retail outlets within five working days.

Recall Campaign

Daimler Trucks
North America LLC

August 2009
FL553AB
NHTSA #09V-220

Copy of Letter to Owner Subject: Haldex Quick Release Valves

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

Daimler Trucks North America LLC, on behalf of its Freightliner Trucks Division, wholly owned subsidiaries, Sterling Truck Corporation and Freightliner Custom Chassis Corporation, has decided that a defect which relates to motor vehicle safety exists on specific Freightliner Business Class M2, Cascadia, Columbia, and FLD vehicles; Sterling A/L-Line vehicles; and Freightliner Custom Chassis B2 school bus chassis (Thomas Built Buses Saf-T-Liner C2) manufactured June 11, 2008, through December 16, 2008.

The rubber diaphragm in certain Haldex quick release valves may delaminate causing leakage past and/or through the diaphragm in excess of specifications or restricting or blocking air flow. This may cause slow application of the parking brakes potentially allowing the vehicle to roll away, resulting in a possible vehicle crash.

Quick release valves will be inspected and affected valves will be replaced.

Parts are now available for authorized dealers to order. Contact your authorized dealer to arrange to have the recall performed and to ensure that parts are available at the dealership. To locate a dealer, search online at www.FreightlinerTrucks.com or contact the Warranty Campaigns Department for assistance.

When you contact your dealer, refer to campaign number **FL553AB**. Once kit(s) are received at the dealership, the Recall should take just under an hour and will be performed at no charge to you.

IMPORTANT: When the Recall has been completed, please ensure that a label has been affixed to your vehicle referencing **FL553AB**.

If you do not own the vehicle that corresponds to the identification number(s) which appears on the Recall Notification, please return the notification to the Warranty Campaigns Department with any information you can furnish that will assist us in locating the present owner. If you have leased this vehicle, Federal law requires that you forward this notice to the lessee within 10 days. If you are a subsequent stage manufacturer, Federal law requires that you forward this notice to your distributors and retail outlets within five working days. If you have paid to have this recall condition corrected prior to this notice, you may be eligible to receive reimbursement. Please see the reverse side of this notice for details.

If you are not able to have the defect remedied without charge and within a reasonable time, which is not longer than 60 days after you tender the vehicle for repair, please contact the Warranty Campaigns Department at (800) 547-0712, 7:00 a.m. to 4:00 p.m. Pacific Time, Monday through Friday, e-mail address DTNA.Warranty.Campaigns@Daimler.com, or the Customer Assistance Center at (800) FTL-HELP or (800) STL-HELP, after normal business hours. You may also wish to submit a complaint to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE., Washington, DC 20590; or call the Vehicle Safety Hotline at (888) 327-4236 (TTY: 800-424-9153); or to <http://www.safercar.gov>. If your vehicle is involved in the Canadian portion, you may wish to notify Transport Canada, ASFAD, Place de Ville Tower C, 330 Sparks Street, Ottawa, ON K1A 0N5, or phone (800) 333-0510.

We regret any inconvenience this action may cause but feel certain you understand our interest in motor vehicle safety.

WARRANTY CAMPAIGNS DEPARTMENT

Enclosure

Reimbursement to Customers for Repairs Performed Prior to Recall

If you have already paid to have this recall condition corrected you may be eligible to receive reimbursement.

Requests for reimbursement may include parts and labor. Reimbursement may be limited to the amount the repair would have cost if completed by an authorized Daimler Trucks North America LLC dealer. The following documentation must be presented to your dealer for consideration for reimbursement.

Please provide original or clear copies of all receipts, invoices, and repair orders that show:

- The name and address of the person who paid for the repair.
- The Vehicle Identification Number (VIN) of the vehicle that was repaired.
- What problem occurred, what repair was done, when the repair was done.
- Who repaired the vehicle.
- The total cost of the repair expense that is being claimed.
- Proof of payment for the repair (such as the front and back of a cancelled check or a credit card receipt).

Reimbursement will be made by check from your Daimler Trucks North America LLC dealer.

Please speak with your Daimler Trucks North America LLC authorized dealer concerning this matter.

Recall Campaign

Daimler Trucks
North America LLC

August 2009
FL553AB
NHTSA #09V-220

Work Instructions

Subject: Haldex Quick Release Valves

Models Affected: Specific Freightliner Business Class M2, Cascadia, Columbia, and FLD vehicles; Sterling A/L-Line vehicles; and Freightliner Custom Chassis B2 school bus chassis (Thomas Built Buses Saf-T-Liner C2) manufactured June 11, 2008, through December 16, 2008.

IMPORTANT: When a valve is replaced, kits will be ordered directly from Haldex at no charge. Please use the instructions below to place an order. Parts will not be included on FL553 claims.

- Place orders by email or fax.

Email: TerriL.Stewart@Haldex.com

Fax: 816-801-2993

- Subject Line: Recall FL553
- For vehicles in FL553A order kit 25-FL553-000
- For vehicles in FL553B order kit 25-FL553-001
- For questions regarding orders, contact Terri Stewart at 620-365-6911, extension 1357

If a new quick release valve fails the operating and leak test below, install a second recall kit (still at no charge) and 996-0000T for 0.3 hours of additional labor may be claimed without additional authorization. The claim story must state that the new valve failed the operating and leak test, requiring the second recall kit. If this is not included, the additional labor may be denied.

Safety Precautions

When working on or around a vehicle, observe the following precautions:

- Make certain to drain the air pressure from all reservoirs before beginning any work on the vehicle. Depleting air system pressure may cause the vehicle to roll. Keep hands away from brake chamber pushrods and slack adjusters, which may apply as air pressure drops.
- Never connect or disconnect a hose or line containing compressed air. It may whip as air escapes. Never remove a component or pipe plug unless you are certain all system pressure has been released.
- Never exceed recommended air pressure. Always wear safety glasses when working with compressed air. Never look into air jets or direct them at anyone.
- Replace devices that have stripped threads or damaged parts. Repairs requiring machining should not be attempted.
- Prior to returning the vehicle to service, make certain all components and systems are restored to their proper operating condition.

Quick Release Valve Replacement

1. Check the base label (Form WAR259) for a completion sticker for FL553 (Form WAR260) indicating this work has been done. On trucks, the base label is usually located on the passenger-side door about 12 inches (30 cm) below the door latch. On school buses, the base label is usually located above the driver's side window. If a sticker is present, nothing further needs to be done. If there is no sticker, go to the next step.

2. Shut down the engine, set the parking brake, and chock the tires.
3. Disconnect the batteries at the negative terminals.
4. Drain the air brake system.
5. Mark and disconnect the air lines from the parking brake quick release valve.
6. Remove the mounting bolts and the valve. See **Fig. 1**.
7. Install the new quick release valve with the exhaust port facing down. Securely tighten the mounting bolts.
8. Install the air lines to the quick release valve in the locations previously marked.
9. Perform the operating and leakage tests in "Operating and Leakage Tests" below.
10. Clean a spot on the base label (Form WAR259), and attach a completion sticker for campaign SF553 (Form WAR260) to the base label.

Operating and Leak Tests

Refer to the following figures during these procedures:

- QR-1 Valve — **Fig. 2**.
- QR-1C Valve — **Fig. 3**.

1. Release the parking brakes.
2. On QR-1C valves, remove the air line from the valve balance port. Build system air pressure to 120 psi (827 kPa). Coat the exhaust and balance ports with a soap solution; leakage of no greater than a 1-inch (2.5-cm) bubble in 5 seconds at either port is allowable. Install the air line at the balance port.

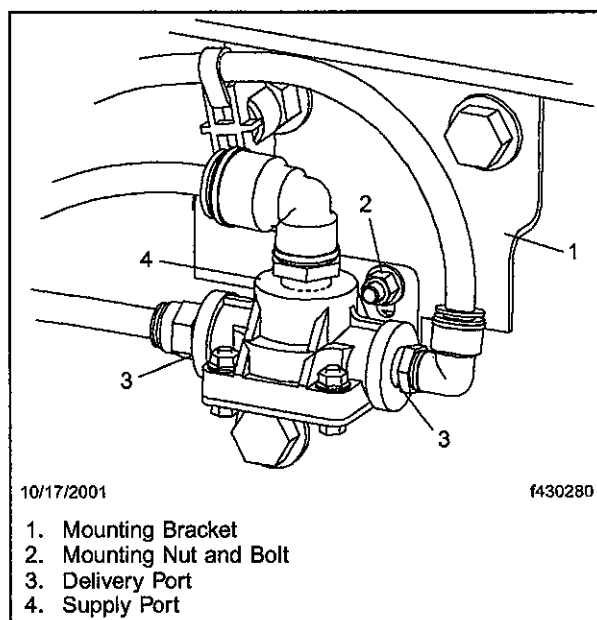


Fig. 1, Quick Release Valve Mounting (typical)

Recall Campaign

Daimler Trucks
North America LLC

August 2009
FL553AB
NHTSA #09V-220

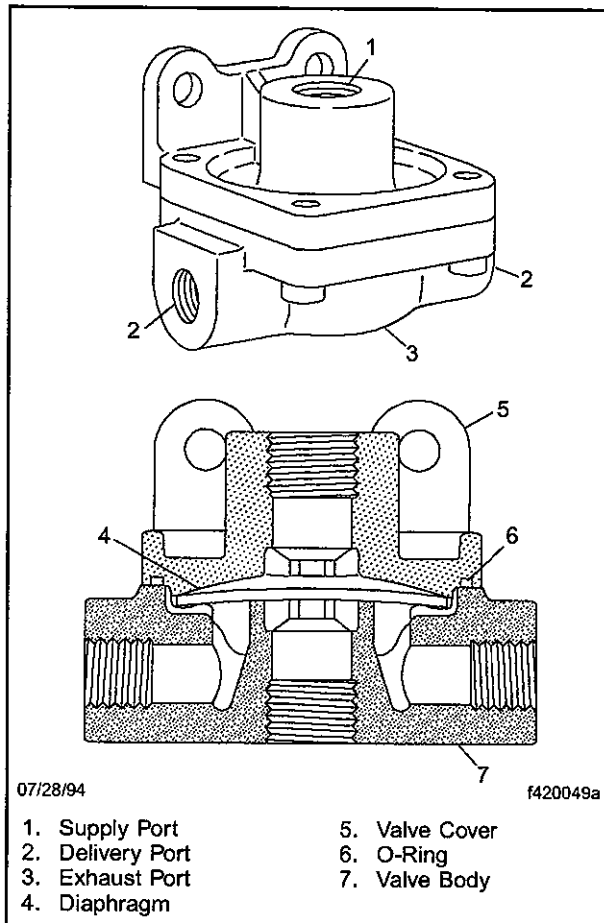


Fig. 2, QR-1 Valve and Cross-Section

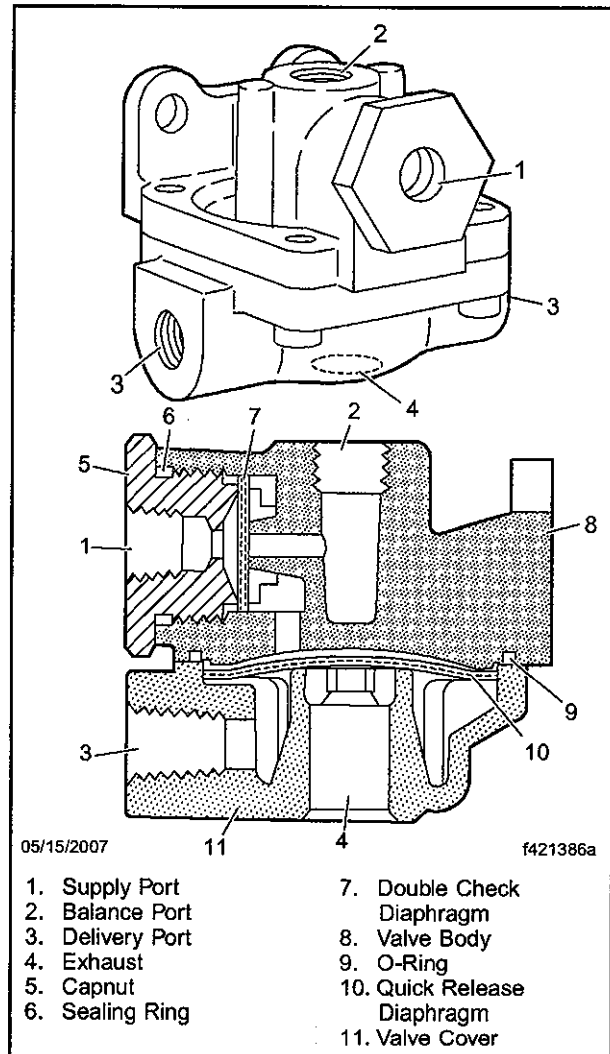


Fig. 3, QR-1C Valve and Cross-Section

3. Apply the parking brakes. Step on the foot brake; the valve should exhaust air at the exhaust port when the foot brake is released.
4. Drain the air system.
5. Remove the air line from the valve supply port. Build system air pressure to 120 psi (827 kPa). With the foot valve depressed, coat the supply port and the seam between the body and cover with a soap solution; leakage of no greater than a 1-inch (2.5-cm) bubble in 5 seconds at the supply port is allowable. No leakage between the body and cover is permitted. Install the air line at the supply port.
6. If the valve functions properly, go to step 10 in "Quick Release Valve Replacement" above.

If the valve does not function properly or if leakage is excessive, replace it following the instructions in "Quick Release Valve Replacement" above and install a second recall kit (still at no charge). An additional 0.3 hours may be claimed using 996-0000T without further authorization. The claim story must state that the new valve failed the operating and leak test, requiring the second recall kit. If this is not included, the additional labor may be denied.