

DAIMLER

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

June 22, 2012

Nancy Lewis
Associate Administrator for Enforcement
National Highway Traffic Safety Administration
Attention: Recall Management Division (NVS-215, Rm. W45-206)
1200 New Jersey Avenue S.E.
Washington D.C. 20590

**RE: Defect Information Report – Supplemental Report No. 1
12V-178, FL-625, Haldex Quick Release Valves
Dealer Notice**

Ms. Lewis,

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.

- (c)(3) Total number of vehicles potentially affected: 2,215
- (c)(8)(ii) Dealer and distributor notification: Began and ended: June 22, 2012
- (c)(10) A copy of communications sent to dealers is attached.

Please contact me if you have any questions, or concerns.

Sincerely yours,



Nasser Zamani

Cc: Amy Martin, CAL-OSHA
Attachment

IMPORTANT CAMPAIGN INFORMATION

ATTENTION: Dealer Principal, Warranty Manager, Service Manager, Parts Manager

Freightliner Dealers – U.S. and Canada
Western Star and Sterling Dealers – U.S. and Canada
FCCC Dealers – U.S. and Canada
Thomas Built Bus Dealers – U.S. and Canada
Export Distributors
Direct Warranty Customers – U.S. and Canada

Daimler Trucks North America LLC

WARRANTY CAMPAIGNS DEPARTMENT

P.O. Box 4090 800-547-0712
Portland, Oregon 97208-4090 FAX 503-745-9009

If you have questions about this Letter, please submit your inquiry on the Web at:

AccessFreightliner.com / Support / My Tickets and Submit an Inquiry

REF #: ICI12-012

Effective: 06/22/12

Release: 06/22/12

SUBJECT: FL625 – Recall Kits Available Soon

This letter is to inform you that recall kits for FL625, *Haldex Quick Release Valves*, will be available shortly after the recall begins.

If your location needs to replace a valve and a kit is not available, use the appropriate individual QRV part number. Refer to the Replacement Parts Table below and in the bulletin. The two part numbers listed may be claimed without authorization or pre-approval when needed.

Replacement Parts for FL625

Campaign Number	Kit Number	Part Description	Part Number	Qty.	Suggested Wholesale*
FL625A	25-FL625-000	Meritor WABCO QRV Kit FRK-12-10144	Contains: TDA RKN32011	1 kit	\$5.72 U.S. \$5.83 CAN
FL625B	25-FL625-001	Meritor WABCO QRV Kit FRK-12-10145	Contains: TDA RKN32050	1 kit	\$9.49 U.S. \$9.68 CAN

* Please charge all U.S. and Canadian Direct Warranty Customers the above-listed price for the kit, as they are authorized to perform their own Recalls. This pricing does not apply to Export Distributors.

Table 1

If you have questions or need further information, contact the Warranty Campaigns Department by submitting an inquiry through www.AccessFreightliner.com / Support / My Tickets and Submit an Inquiry from 7:00 a.m. to 4:00 p.m. Pacific Time, Monday through Friday.

The information contained in this letter supercedes and supplements any related policies and procedures in any previously released bulletins, the Warranty Manual, and/or previously released letters. Failure to read or distribute this letter will not exempt addressees from compliance with the information contained herein.

Subject: Haldex Quick Release Valves

Models Affected: Specific Freightliner 108SD, Business Class M2, Cascadia, Columbia, and Coronado vehicles manufactured February 3, 2012, through March 1, 2012, with certain Haldex quick release valves.

General Information

Daimler Trucks North America LLC (DTNA), on behalf of its Freightliner Trucks Division, has decided that a defect that relates to motor vehicle safety exists on the vehicles mentioned above.

There are approximately 2,500 vehicles involved in this campaign.

On certain quick release valves (QRVs), the cover which retains the valve spring and diaphragm may not be adequately spin welded to the valve body. This may allow the cover to become loose or separate from the valve body, supplying less air pressure to the front brakes during brake application. The rear brakes will continue to function. Separation of the valve cover from the body of the valve may increase stopping distance, resulting in an increased risk of a crash.

QRVs will be inspected and those that fall within the suspect manufacturing period will be replaced. Replacement of the QRV will be required for approximately 32 percent of vehicles. Most vehicles will need just the inspection.

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 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 parts are now available and can be obtained by ordering the kit number(s) listed below from your facing Parts Distribution Center.

IMPORTANT: Due to the low number QRV replacements that will be needed, a kit should be ordered only if your location will be performing this Recall. If a kit is not available, the individual part number may be installed and claimed, see the QRV part numbers listed in the Replacement Parts Table.

If our records show your dealership has ordered any vehicles involved in campaign number FL625AB, 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.

Recall Campaign

Daimler Trucks
North America LLC

June 2012
FL625AB
NHTSA #12V-178
Transport Canada #12-139

Table 1 - Replacement Parts for FL625

Campaign Number	Kit Number	Part Description	Part Number	Qty.	Suggested Wholesale*
FL625A	25-FL625-000	QRV Kit FRK-12-10144	Contains: TDA RKN32011	1 kit	\$5.72 U.S. \$5.83 CAN
FL625B	25-FL625-001	QRV Kit FRK-12-10145	Contains: TDA RKN32050	1 kit	\$9.49 U.S. \$9.68 CAN

* Please charge all U.S. and Canadian Direct Warranty Customers the above-listed price for the kit, as they are authorized to perform their own Recalls. This pricing does not apply to Export Distributors.

Table 1

Removed Parts

U. S. and Canadian Dealers, please follow Warranty Failed Parts Tracking shipping instructions for the disposition of all removed parts. Export distributors, please destroy removed parts unless otherwise advised.

Labor Allowance

Table 2 - Labor Allowance

Campaign Number	Procedure	Time Allowed (hours)	SRT Code	Damage Code
FL625AB	Inspect quick release valve	0.3	996-0878A	000-Inspected
	Inspect and replace quick release valve	0.6	996-0878B	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 (landed cost for Export Distributors) by submitting your claim through the Warranty system within 30 days of completing this campaign. Please reference the following information in QuickClaim or OWL:

- Claim type is **Recall**.
- In the FTL Authorization field, enter the campaign number and appropriate condition code (**FL625A** or **FL625B**).
- In the Primary Failed Part Number field, enter **25-FL625-000**.
- In the Parts field, enter the appropriate kit number(s) as shown in the Replacement Parts Table. **IMPORTANT:** Due to the low number QRV replacements that will be needed, a kit should be ordered only if your location will be performing this Recall. If a kit is not available, the individual part number may be installed and claimed, see the QRV part numbers listed in the Replacement Parts Table.
- If a new QRV fails the leak test and a second valve is needed (this should happen rarely or not at all):

OWL Dealers: Include the second valve, 0.3 hours of generic time, and an explanation on a recall pre-approval request.

QuickClaim Dealers: Include the second valve, 0.3 hours listed as 996-0000T, and an explanation on the recall claim. If there is difficulty filing, submit a WSC Campaign Pre-Approval inquiry for assistance.

- 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.
- For OWL, the VMRS Component Code is 013-010-008 and the Cause Code is A1 - Campaign.
- **U.S. and Canada – 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.)
 - Submit a Campaign Pre-Approval inquiry to 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 or OWL 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.

U.S. and Canadian dealers, contact the Warranty Campaigns Department from 7:00 a.m. to 4:00 p.m. Pacific Time, Monday through Friday, via Web inquiry at AccessFreightliner.com / Support / My Tickets and Submit an Inquiry, or the Customer Assistance Center at (800) 385-4357, after normal business hours, if you have any questions or need additional information. Export distributors, submit a Web inquiry or contact your International Service Manager.

U.S. and Canadian Dealers: 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. Export Distributors: Excess inventory is not returnable.

The letter notifying U.S. and Canadian 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

June 2012
FL625AB
NHTSA #12V-178
Transport Canada #12-139

Copy of Notice to Owners Subject: Haldex Quick Release Valves

For the Notice to U.S. Customers: This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

For the Notice to Canadian Customers: This notice is sent to you in accordance with the Canadian Motor Vehicles Safety Act.

Daimler Trucks North America LLC (DTNA), on behalf of its Freightliner Trucks Division, has decided that a defect which relates to motor vehicle safety exists on specific Freightliner 108SD, Business Class M2, Cascadia, Columbia, and Coronado vehicles manufactured February 3, 2012, through March 1, 2012, with certain Haldex quick release valves.

On certain quick release valves (QRVs), the cover which retains the valve spring and diaphragm may not be adequately spin welded to the valve body. This may allow the cover to become loose or separate from the valve body, supplying less air pressure to the front brakes during brake application. The rear brakes will continue to function. Separation of the valve cover from the body of the valve may increase stopping distance, resulting in an increased risk of a crash.

QRVs will be inspected and those that fall within the suspect manufacturing period will be replaced.

Please contact an authorized Daimler Trucks North America dealer to arrange to have the recall performed. To locate an authorized dealer, search online at www.Daimler-TrucksNorthAmerica.com. The Recall will take approximately half an hour to an hour, depending on the work needed, and will be performed at no charge to you.

You may be liable for any progressive damage that results from your failure to complete the Recall within a reasonable time after receiving notification.

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.

For the Notice to U.S. Customers: If you have questions about this Recall, 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) 385-4357 after normal business hours. If you are not able to have the defect remedied without charge and within a reasonable time, you may 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>.

For the Notice to Canadian Customers: If you have questions about this Recall, 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) 385-4357 after normal business hours.

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.

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Work Instructions

Subject: Haldex Quick Release Valves

Models Affected: Specific Freightliner 108SD, Business Class M2, Cascadia, Columbia, and Coronado vehicles manufactured February 3, 2012, through March 1, 2012, with certain Haldex quick release valves.

IMPORTANT: Due to the low number QRV replacements that will be needed, a kit should be ordered only if your location will be performing this Recall. If a kit is not available, the individual part number may be installed and claimed, see the QRV part numbers listed in the Replacement Parts Table.

Safety Precautions

When working on the vehicle air system, observe the following precautions:

- 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.
- Disconnect the batteries.
- 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.
- Do not remove, disassemble, assemble or install a component until you have read and understand the service procedures. Some components contain powerful springs, and injury can result if not properly disassembled. Use the correct tools and observe all precautions pertaining to use of those tools.
- Replacement hardware, tubing, hose, fittings, etc., should be the equivalent size, type, length, and strength of the original equipment.
- Make sure when replacing tubes or hoses, that all of the original supports, clamps, or suspending devices are installed or replaced.
- 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 Inspection

NOTE: The quick release valve (QRV) may be located in several different places, depending on the vehicle configuration. Trace the front brake air lines to locate the QRV. It may be necessary to scrape the paint from the QRV to see the numbers.

1. Check the base label (Form WAR259) for a completion sticker for FL625 (Form WAR260) indicating this work has been done. The base label is usually located on the passenger-side door about 12 inches (30 cm) below the door latch. If a sticker is present, no work needs to be done. If there is no sticker, proceed with the next step.
2. Park the vehicle on a level surface, shut down the engine, and set the parking brake. Chock the rear tires.

3. Locate the QRV on the front crossmember, and scrape any paint off of it, in order to see the date code.
4. Inspect the QRV to determine whether it needs to be replaced. See **Fig. 1** for the location of the date code. Refer to **Table 3** for the affected date codes. If the date code is included in **Table 3**, replace the valve. Go to "Quick Release Valve Replacement" in these work instructions.

If the date code is **not** included in the table, no further work is needed. Clean a spot on the base label (Form WAR259) and attach a completion sticker for FL625 (Form WAR260) to the base label.

Suspect Date Codes	
Date Codes	023A2A 024A2A

Table 3, Suspect Date Codes

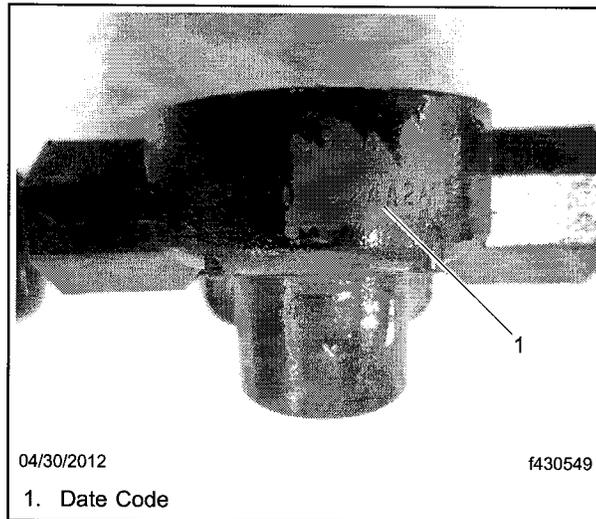


Fig. 1, Quick Release Valve Information

Quick Release Valve Replacement

Refer to **Fig. 2** for this procedure.


WARNING

Before working on or around air brake systems and components, read and understand the Safety Precautions listed above. Failure to do so may result in personal injury.

1. Drain the air from the primary and secondary air system.
2. Disconnect the air lines from the supply and delivery ports of the valve. Mark the lines as they are removed to assure proper installation.
3. Remove the fasteners holding the QRV to the mounting bracket and remove the valve from the vehicle. Save the fasteners.
4. Remove the fittings from the old valve, and clean them as needed.

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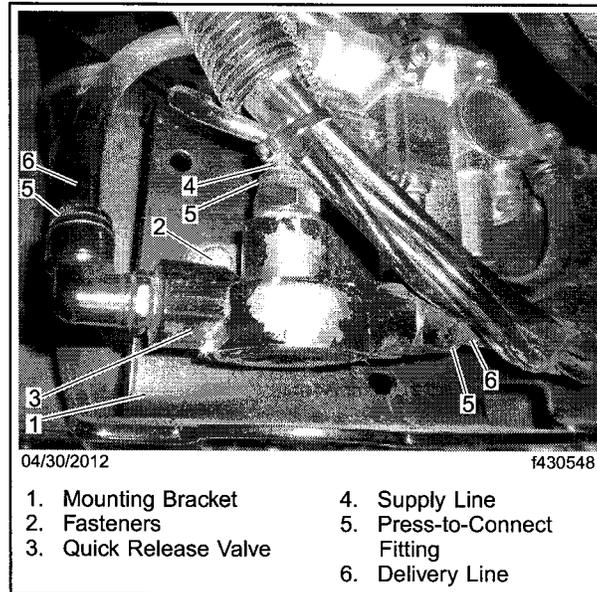


Fig. 2, Quick Release Valve Installation

5. Coat the threads of the fittings with a thin layer of Teflon paste, and install the fittings on the new valve. Tighten the fittings 75 to 200 lbf-in (847 to 2260 N-cm).
6. Install the QRV on the mounting bracket. Tighten the fasteners 18 lbf-ft (24 N-m).
7. Connect the air lines to the QRV.
8. Perform the "Operating and Leakage Tests" below.
9. Clean a spot on the base label (Form WAR259) and attach a completion sticker for FL625 (Form WAR260) to the base label.

Operating and Leakage Tests

The following tests should be performed after repairing or replacing the quick release valve to ensure that it is functioning properly.

1. Drain the air system.
2. Release the parking brakes.
3. 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.
4. Apply the parking brakes. Step on the foot brake; the valve should exhaust air at the exhaust port when the foot brake is released.
5. Drain the air system.
6. Remove the air line from the valve's 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.

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7. If the valve does not function properly, or if leakage is excessive, replace it.

OWL Dealers: Include the second valve, 0.3 hours of generic time and an explanation on a recall pre-approval request.

QuickClaim Dealers: Include the second valve. 0.3 hours listed as 996-0000T, and an explanation on the recall claim. If there is difficulty filing, submit a WSC Campaign Pre-Approval inquiry for assistance.

8. Go to step 9 of the "Quick Release Valve Replacement" procedure.