

Subject: Auto-Apply Park Brake Solenoid Valves

Models Affected: Specific Freightliner Business Class M2 vehicles manufactured December 10, 2012, through October 28, 2014, and equipped with Allison Transmissions.

General Information

Daimler Trucks North America LLC, 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 4,616 vehicles involved in this campaign.

Under certain conditions, trucks equipped with the auto-apply park brake feature may have the parking brake apply unintentionally without brake light application with inadequate warning to the driver or other vehicles, increasing the risk of a vehicle crash.

The auto-park solenoid valve and its mounting bracket will be replaced.

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.

If our records show your dealership has ordered any vehicles involved in campaign number FL672AB, a list of the customers and vehicle identification numbers will be available in OWL. Please refer to this list when ordering parts for this recall.

Table 1 - Replacement Parts for FL672

Campaign Number	Kit Number	Part Description	Part Number	Qty. per Kit
FL672-A	25-FL672-000	SHORT BRACKET	A12-27672-000	1 ea
		SCREW,CAP,HEX,1/2-13,GR8	23-11751-175	2 ea
		NUT-HEX,PT,1/2-13,C,ZN/AL	23-13833-108	2 ea
		WASHER-HRDN,0.53X1.06X.17	23-09114-003	4 ea
		SOLENOID	BW K073055	1 ea
FL672-B	25-FL672-001	LONG BRACKET	A12-27672-001	1 ea
		SCREW,CAP,HEX,1/2-13,GR8	23-11751-175	2 ea
		NUT-HEX,PT,1/2-13,C,ZN/AL	23-13833-108	2 ea
		WASHER-HRDN,0.53X1.06X	23-09114-003	4 ea
		SOLENOID	BW K073055	1 ea

Table 1

Recall Campaign

Daimler Trucks
North America LLC

February 2015
FL672AB
NHTSA #14V-681
Transport Canada #14-483

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	Corrective Action
FL672AB	Replace Bracket and Solenoid Valve	0.5	996-0946A	12-Repair Recall/Campaign

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 OWL:

- Claim type is **Recall Campaign**.
- In the Campaign field, enter the campaign number and appropriate group (e.g. **FL672-A** or **FL672-B**).
- In the Primary Failed Part field, enter **25-FL672-000**.
- In the Parts section, enter the appropriate kit number(s) as shown in the Replacement Parts Table.
- In the Labor section, enter the appropriate SRT from the Labor Allowance Table. Administrative time will be included automatically as SRT 939-6010A for 0.3 hours.
- The VMRS Component Code is **013-010-394** 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.)
 - Submit an OWL Recall Pre-Approval Request for a decision.
 - Attach the documentation to the pre-approval request.
 - If approved, submit a based on claim for the pre-approval.
 - Reimburse the customer the appropriate amount.

IMPORTANT: 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.

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For questions, 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

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Copy of Notice to Owners

Subject: Auto-Apply Park Brake Solenoid Valves

For the Notice to U.S. Customers: This notice is sent to you in accordance with 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 Vehicle Safety Act.

Daimler Trucks North America LLC, on behalf of its Freightliner Trucks Division, has decided that a defect which relates to motor vehicle safety exists on specific Freightliner Business Class M2 vehicles manufactured December 10, 2012, through October 28, 2014, and equipped with Allison Transmissions.

Under certain conditions, trucks equipped with the auto-apply park brake feature may have the parking brake apply unintentionally without brake light application with inadequate warning to the driver or other vehicles, increasing the risk of a vehicle crash.

The auto-park solenoid valve and its mounting bracket will be replaced.

Please contact an authorized Daimler Trucks North America dealer to arrange to have the Recall performed and to ensure that parts are available at the dealership. To locate an authorized dealer, search online at www.Daimler-TrucksNorthAmerica.com / Contact Us / Find a Dealer. The Recall will take approximately one hour 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: Auto-Apply Park Brake Solenoid Valves

Models Affected: Specific Freightliner Business Class M2 vehicles manufactured December 10, 2012, through October 28, 2014, and equipped with Allison Transmissions.

Safety Precautions

When working on or around air brake systems and components, observe the following precautions:

- Chock the tires and shut down the engine before working under a vehicle. Dropping air system pressure may cause the vehicle to roll. Keep hands away from brake chamber pushrods and slack adjusters; they will 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, and always wear safety glasses when working with compressed air. Never look into air jets, or direct them at anyone.
- Never attempt to disassemble a component until you have read and understood recommended procedures. Some components contain powerful springs, and injury can result if they are not correctly disassembled. Use only the correct tools, and observe all precautions regarding use of those tools.

Procedure

1. Check the base label (Form WAR259) for a completion sticker for FL672 (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 is needed. If there is no sticker, proceed with step 2 below.

2. Park the vehicle on a level surface, shut down the engine, and set the parking brake. Chock the tires.

NOTE: The location of the auto-park-brake solenoid valve will vary depending on vehicle configuration. Furthermore, body builders may relocate the valve during body installation. Generally, it will be located on or near the frame crossmember in front of the drive axles. Drawing D12-25227 shows many of the most likely locations.

3. If needed, use EZWiring to locate the auto-park-brake solenoid valve. Refer to **Fig. 1** and **Fig. 2** for views of a typical installation.

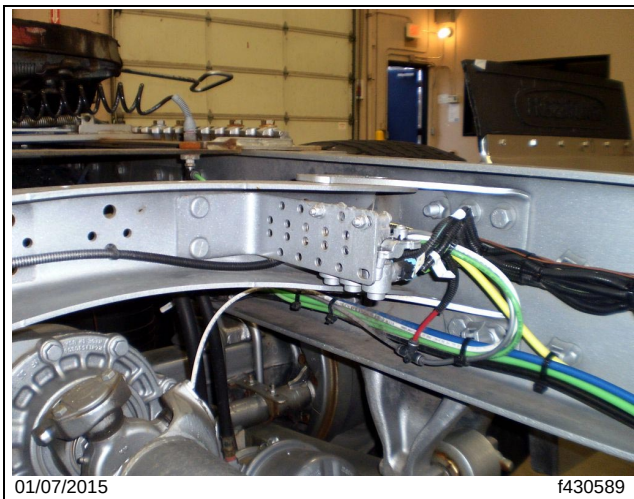


Fig. 1, Bracket View (typical)

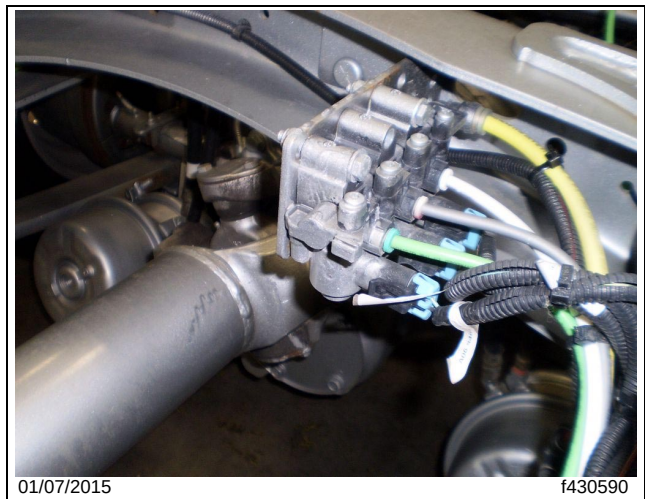


Fig. 2, Valve Assembly Side View (typical)

4. Drain the air system.
5. Remove the auto-park-brake solenoid valve mounting bracket from the crossmember.
6. Mark the air lines and wire connectors for later installation.
7. Remove the valve assembly from the mounting bracket, and discard the bracket.
8. Disconnect the air lines and wire connectors from the valve assembly.
9. Replace the auto-park-brake solenoid valve in the valve assembly.
 - 9.1 Separate the valves as needed.
 - 9.2 Lubricate the o-rings on any valves that were separated as needed.
 - 9.3 Install the new auto-park-brake solenoid valve in the valve assembly.
10. Install the valve assembly on the new bracket.
11. Connect the air lines and wire connectors to the valve assembly as marked.
12. Install the new bracket with the valve assembly on the frame crossmember.
13. Start the engine and allow the air system to build to cutout pressure.
14. Check all of the air lines that were disconnected for leaks. If excessive bubbling is noted, check the air lines and fittings for proper installation. If bubbling continues, repair or replace the component to the manufacturer's specifications.
15. Perform an operational check on the auto-park-brake solenoid valve as follows.
 - 15.1 Assure that the vehicle is securely chocked.
 - 15.2 Start the engine, and let the air system build pressure to cutout pressure.
 - 15.3 With your foot on the brake, shift the transmission into Drive, then shift it into Park. The parking brakes should automatically apply.

If the parking brakes do not apply, troubleshoot the system, and repair as needed.

If the parking brakes apply, go to the last step.
16. Clean a spot on the base label (Form WAR259). Write the campaign number, FL672, on a blank red completion sticker (Form WAR260), to indicate the work has been completed, and attach it to the base label.