

August 2019
SF586A

Subject: Freightliner Cascadia Drivelines and Brake Valves

**Models Affected: Specific Freightliner Cascadia model vehicles,
manufactured June 23, 2016, through March 12, 2019.**

General Information

Daimler Trucks North America LLC, on behalf of its Freightliner Trucks division, is initiating Field Service Campaign SF586A to modify the vehicles mentioned above.

The interaxle driveline may contact the anti-lock brake system (ABS) relay valve fitting in certain situations when the suspension air is completely dumped, for example, when decked prior to towing. In the unlikely event that the tractor is moved with the suspension dumped, damage to the air line fitting can occur.

Additional clearance will be created between the driveline and the ABS relay valve air line fitting by installing a shorter relay bracket.

There are approximately 6,400 vehicles involved.

Additional Repairs

Dealers must complete all outstanding 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.

Please contact Warranty Campaigns for consideration of additional charges prior to performing the repair.

Work Instructions

Please refer to the attached work instructions. Prior to performing the campaign, check the vehicle for a completion sticker (Form WAR261).

Replacement Parts

Replacement parts are now available and can be obtained by ordering the part number listed below from your facing Parts Distribution Center.

If our records show your dealership has ordered any vehicle(s) involved in campaign SF586, a list of the customers and vehicle identification numbers will be available on DTNACconnect. Please refer to this list when ordering parts for this campaign.

Table 1 - Replacement Parts for SF586

Campaign Number	Part Number	Part Description	Qty.
SF586A	12-27468-001	BRKT-REAR ABS COMBO VALVE,DRH	1 ea
	WAR261	BLANK COMPLETION STICKER	1 ea

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.

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Labor Allowance

Table 2 - Labor Allowance

Campaign Number	Procedure	Time Allowed (hours)	SRT Code	Corrective Action
SF586A	Install New Relay Bracket	0.4	996-F050A	12-Repair Recall/Campaign

Table 2

IMPORTANT: When the campaign has been completed, locate the base completion label in the appropriate location on the vehicle, and attach the gray completion sticker provided in the field service kit (Form WAR261). 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 field service kit is not required or there is no completion sticker in the kit, write the campaign 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 **Field Service Campaign**.
- In the Campaign field, enter the campaign number and appropriate group (**SF586-A**).
- In the Primary Failed Part field, enter **25-SF586-000**.
- In the Parts section, enter the appropriate part number 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 **F99-999-005** and the Cause Code is **A1 - Campaign**.
- This Field Service Campaign will **terminate on August 31, 2020**. Dealers will be notified of any changes to the termination date via Important Campaign Information Letter posted on DTNACconnect.com.

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

All claims must be submitted within 30 days of the repair and within 30 days of the termination date of the campaign. U.S. and Canadian Dealers: All excess inventory to be returned to the PDC following the conclusion of the campaign must be returned in resaleable condition to the Memphis PDC within 90 days from the termination date. Please submit a PAR to request return to the Memphis PDC. (Canadian dealers should return the kits to their facing PDC.) Export Distributors: Excess inventory may be returned as noted for U.S. and Canadian dealers. Export locations will pay freight to return kits. Export Distributors: Excess inventory is not returnable.

For questions, U.S. and Canadian dealers, contact the Warranty Campaigns Department via Web inquiry at DTNACconnect.com / WSC, or the Customer Assistance Center at (800) 385-4357, if you have any questions or need additional information. Export distributors submit a Web inquiry or contact your International Service Manager.

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Copy of Notice to Owners

Subject: Freightliner Cascadia Drivelines and Brake Valves

Daimler Trucks North America LLC (DTNA), on behalf of its Freightliner Trucks division, is initiating Field Service Campaign SF586A to modify specific Freightliner Cascadia model vehicles, manufactured June 23, 2016, through March 12, 2019.

The interaxle driveline may contact the ABS relay valve air line fitting in certain situations when the suspension air is completely dumped, for example, when decked prior to towing. In the unlikely event that the tractor is moved with the suspension dumped, damage to the air line fitting can occur.

Additional clearance will be created between the driveline and the ABS relay valve air line fitting by installing a shorter relay bracket.

Please contact an authorized Daimler Trucks North America dealer to arrange to have the campaign performed and to ensure that parts are available at the dealership. To locate an authorized dealer, search online at Daimler-TrucksNorthAmerica.com. On the menu tab, select "Contact," scroll down to "Locate a Dealer," and select the appropriate brand. The campaign will take approximately one hour and will be performed at no charge to you.

This Field Service Campaign will **terminate on August 31, 2020**. Please make sure the campaign is completed prior to this date. Work completed after this date will be done at the customer's expense.

As stated in the terms of your express limited warranty, Daimler Trucks North America LLC will not pay for any damage caused by failure to properly maintain your vehicle. Daimler Trucks North America LLC considers the work necessary under this campaign to be proper maintenance and will, therefore, not pay for any damage to your vehicle caused by your failure to have the repairs that are the subject of this campaign performed in a reasonable time.

Contact the Warranty Campaigns Department at (800) 547-0712, from 7:00 a.m. to 4:00 p.m. Pacific Time, Monday through Friday, e-mail address DTNA.Warranty.Campaigns@Daimler.com.

WARRANTY CAMPAIGNS DEPARTMENT

Enclosure

Subject: Freightliner Cascadia Drivelines and Brake Valves

Models Affected: Specific Freightliner Cascadia model vehicles, manufactured June 23, 2016, through March 12, 2019.

Antilock Brake System (ABS) Valve Mounting Bracket Replacement

1. Inspect the base label (Form WAR259) for a campaign completion sticker for SF586 (Form WAR261). If a sticker is present for campaign SF586, no work is needed. If there is no sticker, proceed with the steps below.
2. Park the vehicle on a level surface, shut down the engine, and apply the parking brake. Chock the tires.
3. Move the fifth wheel as far forward as possible to gain access to the ABS valve mounting bracket.
4. Locate the ABS valve on the crossmember. See [Fig. 1](#).

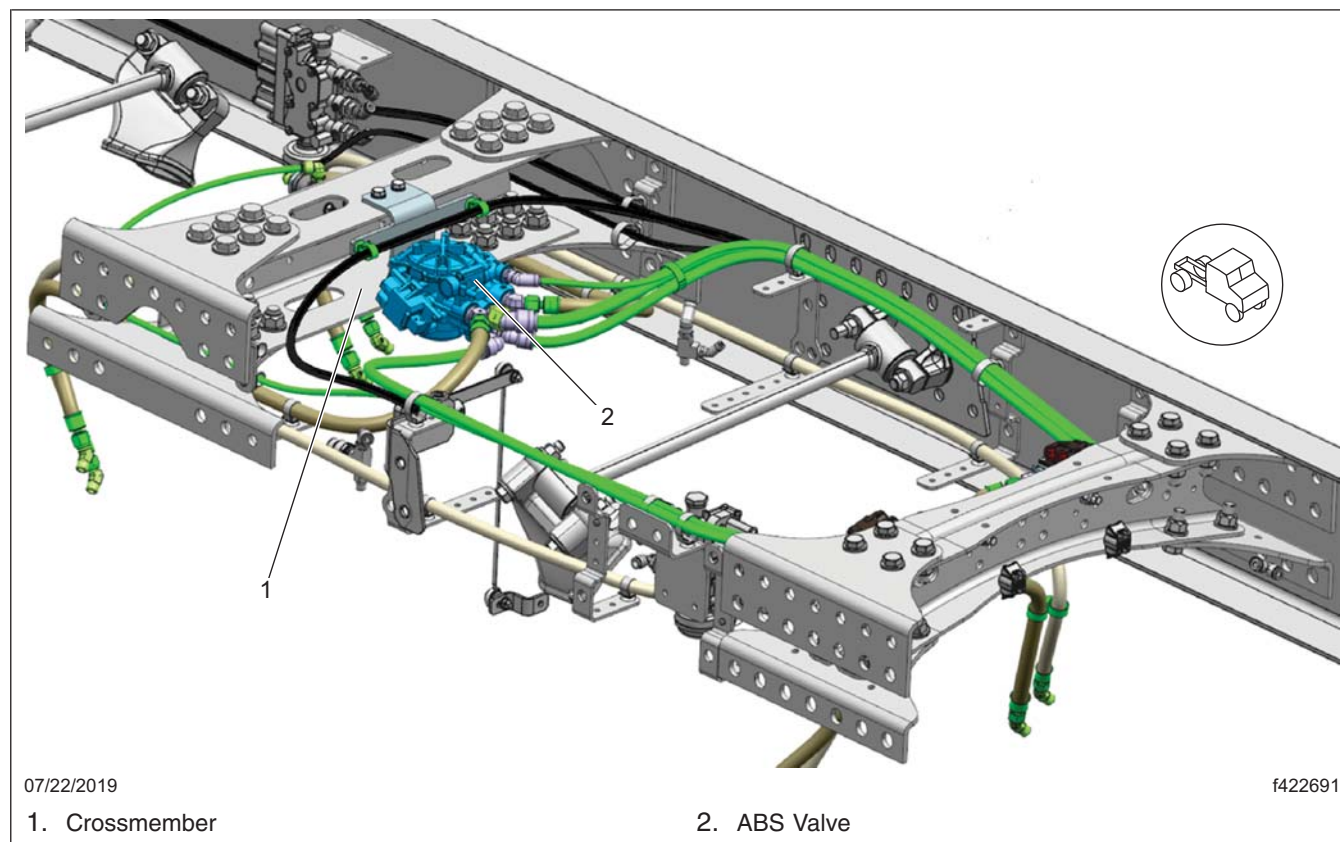


Fig. 1, ABS Valve on the Crossmember

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5. Cut the zip ties that connect the air lines to the ABS valve mounting bracket. See [Fig. 2](#).

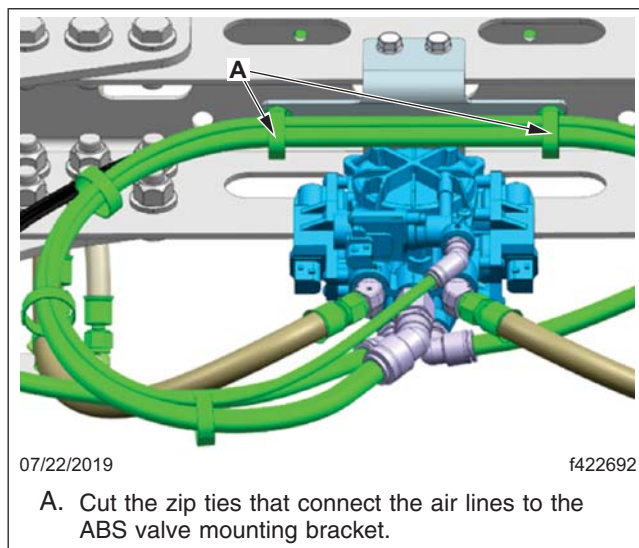


Fig. 2, ABS Zip Ties

6. Remove the two nuts and bolts that mount the ABS valve bracket to the crossmember. See [Fig. 3](#), item 1.

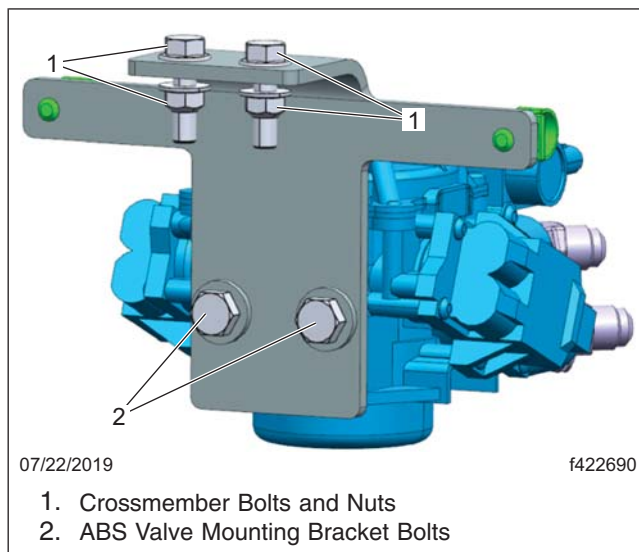


Fig. 3, ABS Valve Mounting Bracket Fasteners

7. Remove the two bolts that mount the ABS valve to the mounting bracket. See [Fig. 3](#), item 2.

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8. Using the bolts removed earlier, install the ABS valve on to the new mounting bracket. Tighten the bolts 60 lbf·ft (81 N·m). See [Fig. 4](#).

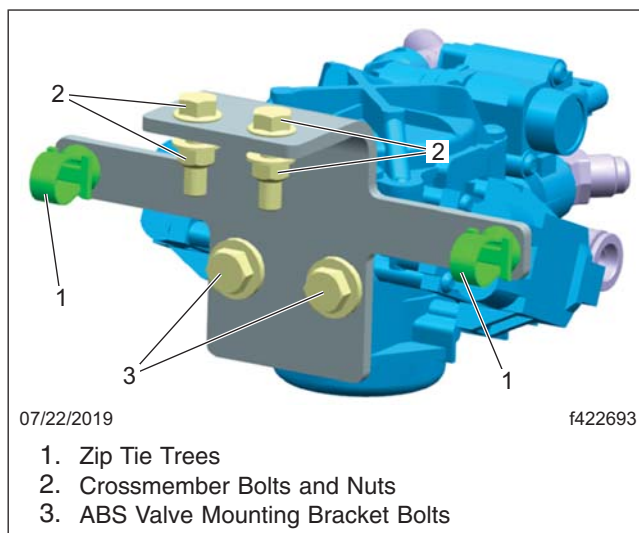


Fig. 4, New ABS Valve Mounting Bracket (with zip tie trees)

9. Zip tie the air lines to the back of the new ABS valve mounting bracket. See [Fig. 5](#).

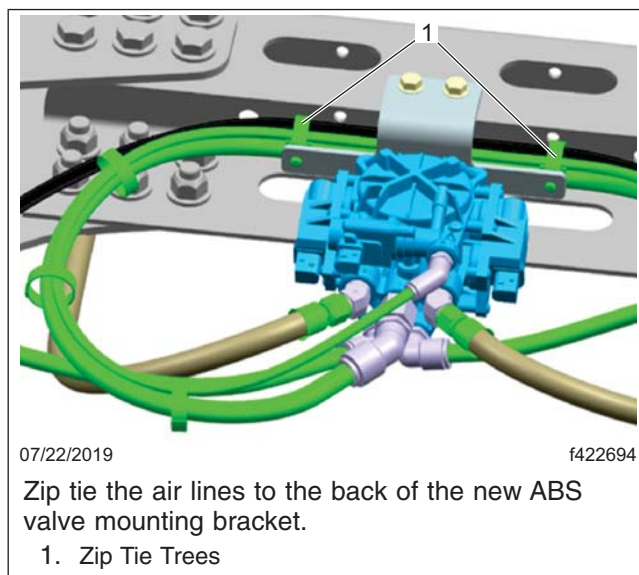


Fig. 5, Air Lines Routed Behind the New ABS Valve Mounting Bracket

10. Install the new ABS valve mounting bracket on the crossmember. See [Fig. 4](#) and [Fig. 5](#). Tighten the bolts 35 lbf·ft (47 N·m).
11. Zip tie the air lines to ensure they are not loose or contacting any components. See [Fig. 5](#).
12. Clean a spot on the base label (Form WAR259) and attach a campaign completion sticker for SF586 (Form WAR261) indicating this work has been completed.