

SF705 A-F

Creation Date: December 2024

Subject: Espar Fuel Standpipe Weld

Models Affected					
Make	Model	Model Yr. Start	Model Yr. End	Prod. Start Date	Prod. End Date
Freightliner	Cascadia	2024	2025	February 14, 2023	April 3, 2024
Western Star	47X, 49X, 57X	2024	2025	February 16, 2023	March 27, 2024

General Information

On behalf of the entities listed below, Daimler Truck North America LLC (DTNA), is initiating Field Service Campaign SF705 to modify the affected vehicles.

- Freightliner Trucks Division
- Wholly owned subsidiary, Western Star Truck Sales, Inc.

PROBLEM:	The steel fuel tank standpipes do not meet the previous brass standpipe durability and are breaking, causing the Espar heater not to function.
SOLUTION:	A Daimler Truck North America authorized service facility will inspect and install a new nickel-plated brass standpipe as needed.

There are approximately 37,000 vehicles involved.

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.

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

If our records show your dealership has ordered any vehicle(s) involved in campaign number SF705, a list of the customers and vehicle identification numbers will be available on DTNA Portal. Please refer to this list when ordering parts for this recall.

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IMPORTANT - After Repair is Complete*:

Attach a red completion sticker (WAR261) to the base label (WAR259).

If the vehicle does not have a base label, clean a spot on the appropriate location, and attach a base label, prior to attaching the completion sticker.

If a campaign kit is not required, write the campaign number on a blank sticker and attach it to the base label.

(Failure to install a completion sticker may result in a chargeback of the campaign claim.)

* TBB is exempt from the completion sticker process

Table 1 – Replacement Parts for SF705 A-F

Group	Part Description	Part Number	Qty
A	STDPP-1/4NPTX3/8FPT-22	A03-39090-006	1 ea
B	STDPP-1/4NPTX3/8FPT-24	A03-39090-007	1 ea
C	STDPP-1/4NPTX3/8FPT-26	A03-39090-008	1 ea
D	STDPP-1/4NPTX3/8FPT-24	A03-39090-007	2 ea
E	STDPP-1/4NPTX3/8FPT-26	A03-39090-008	2 ea
F	STDPP-1/4NPTX3/8FPT-24 (LH Side)	A03-39090-007	1 ea
	STDPP-1/4NPTX3/8FPT-26 (RH Side)	A03-39090-008	1 ea
All Groups	Blank completion sticker	WAR261	1 ea

Table 1 – Replacement Parts for SF705 A-F

Removed Parts

- ☐ For U.S. and Canadian Dealers, use the part disposition to determine how to manage removed parts (return, scrap, etc.). Dispositions are available at the date of the repair.
- ☐ For Export Dealers, destroy removed parts unless otherwise advised.

Claim Reimbursement - Labor Allowance

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.

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.

- ☐ In OWL, use the 'Retrieve' function and select the appropriate procedure. This will auto-populate the PFP, component code, replacement parts, cause, corrective action and SRT code.

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Table 2 - Claim Reimbursement Table

Claim Type	Field Service Campaign
Campaign	SF705 A-F
VMRS Component Code	F99-999-005
Cause Code	A1 – Campaign
Primary Failed Part	25-SF705-000

Table 3 – Labor Allowance for SF705 A-F

Groups	Procedure	Time Allowed (hours)	SRT Codes	Corrective Action
A-F	Fuel standpipe inspection only	0.3	996-F228A	06-Inspect
A-C	Fuel standpipe inspect and replace standpipe with new	1.1	996-F228B	12-Repair Recall/Campaign
A-C	Fuel standpipe inspect, remove fuel tank, and replace standpipe with new	2.0	996-F228C	12-Repair Recall/Campaign
D-F	Fuel standpipes inspect and replace standpipes with new	2.0	996-F228D	12-Repair Recall/Campaign
D-F	Fuel standpipes inspect, remove fuel tanks, and replace standpipes with new	3.8	996-F228E	12-Repair Recall/Campaign

Table 3 – Labor Allowance

Claims for Credit

- ☐ Claim type is Field Service Campaign
- ☐ In the Campaign field, enter the campaign number and appropriate condition code (SF705-A, SF705-B, etc.).
- ☐ In the Primary Failed Part field, enter 25-SF705-000.
- ☐ In the Parts section, enter the appropriate kit or part 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 auto-populate if applicable using SRT 939-6010A, for 0.3 hours.
- ☐ The VMRS Component Code is F99-999-005 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.
 - ☐ Include the approved amount on your OWL claim in the Other Charges section.
 - ☐ Attach the documentation to the pre-approval request.
 - ☐ If approved, submit a 'based on claim' for the pre-approval.

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- ☐ The Dealer is required to 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.

U.S. and Canadian dealers, contact the Warranty Campaigns Department via Web inquiry at DTNAPortal.com/WSC, 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.

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Copy of Notice to Owners

Subject: Espar Fuel Standpipe Weld

Daimler Truck North America LLC (DTNA), on behalf of its Freightliner Trucks Division, and wholly owned subsidiary, Western Star Truck Sales, Inc. is initiating Field Service Campaign SF705 to modify specific model years 2024-2025 Freightliner Cascadia vehicles; and Western Star 47X, 49X, and 57X vehicles manufactured February 14, 2023, through April 3, 2024.

The steel fuel tank standpipes do not meet the previous brass standpipe durability and are breaking, causing the Espar heater not to function.

A Daimler Truck North America authorized service facility will inspect and install a new nickel-plated brass standpipe as needed.

Please contact an authorized DTNA dealer to arrange to have the campaign performed and to ensure that parts are available at the dealership. The campaign will take approximately one and a half hours and will be performed **free of charge**. To locate an authorized dealer, search online at Daimler-TruckNorthAmerica.com/Contact-us. Scroll down to "Locate a Dealer" and select the appropriate brand.

This Field Service Campaign will **terminate on December 31, 2025**. 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 Truck North America LLC will not pay for any damage caused by failure to properly maintain your vehicle. Daimler Truck 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 a.m. to 4 p.m. Pacific Time, Monday through Friday, e-mail address: dtna-war-campaigns@daimlertruck.com, or the Customer Assistance Center at (800) 385-4357, if you have any questions or need additional information.

WARRANTY CAMPAIGNS DEPARTMENT
Enclosure

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Work Instructions

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Models Affected					
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SF705 – Inspection and Replacement of the Espar Fuel Standpipe

1. Check the base label (Form WAR259) for a completion sticker for SF705 (Form WAR261), 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 completion sticker is present, no work is needed. If a completion sticker is not present, go to the next step.
2. Park the vehicle on a level surface, shut down the engine, and set the parking brake. Chock the tires.
3. Disconnect the negative battery cables from the main and auxiliary batteries.
4. Locate the auxiliary heater fuel metering pump and standpipe mounted on top of the fuel tank.
5. Inspect the fuel standpipe to determine the material type of the fitting threaded to the fuel tank (7/8-inch hex fitting).
 - ☐ If a brass standpipe is installed, as shown in [Fig. 1](#), no further action is required. Go to step 16.
 - ☐ If a nickel-plated steel (shiny/chrome at 7/8-inch hex) standpipe is installed, continue with step 6.

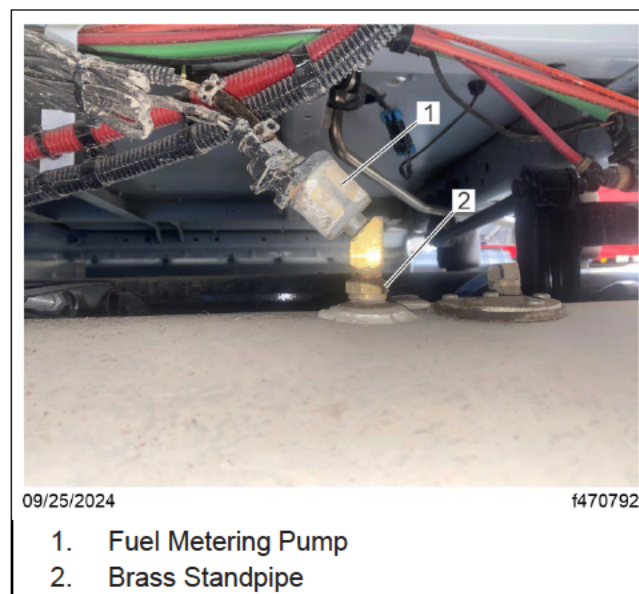


Fig. 1, Brass Standpipe Installed in the Fuel Tank

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6. If so equipped, remove the side fairings as needed, to access the auxiliary heater fuel metering pump and fuel standpipe. For instructions, see **Group 31** of the applicable workshop manual.
7. Remove the electrical harness connector and fuel line from the fuel metering pump. Mark the mounting location of the pump, so it can be installed later in the same direction.
8. Clean the debris from the threads and remove the fuel metering pump from the standpipe while holding the standpipe hex with a 7/8-inch wrench. See **Fig. 2**.



Fig. 2, Auxiliary Heater Fuel Metering Pump Removed

9. Clean the debris from the threads and remove the fuel standpipe from the fuel tank.
IMPORTANT: Some vehicle configurations require using cab airbags to raise the cab height to fully extend and carefully remove the standpipe without bending it. The best clearance is usually achieved by moving the fuel standpipe upward and inward towards the center rear of the cab. The upper bolts on the cab suspension shocks can also be removed for additional clearance, allowing the cab airbags to extend fully. Before removing the fuel standpipe, use blocks or an equivalent to secure the cab at full extension.
 - ☐ If the standpipe can be removed, go to step 11.
 - ☐ If the standpipe cannot be removed due to lack of clearance, continue with step 10.

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10. It is necessary to remove the fuel tank for vehicle configurations with insufficient space in the cab for fuel standpipe removal and replacement.
 - 10.1. Pump, drain, and transfer all fuel from the fuel tank containing the auxiliary heater standpipe. For instructions to remove the fuel tank, see **Group 47** of the applicable workshop manual.
 - 10.2. Clean the area at the top of both fuel tank straps and mark the location of the fuel tank within the tank straps.
 - 10.3. Remove the fuel lines (suction/return) and any sender wires from the tank.
 - 10.4. Support the tank under the lower center with a suitable jack.
 - 10.5. Fully remove the tank strap nuts, carefully remove the straps from the tank, and place them on the floor. The straps may get stuck to the tank and require slight prying with the help of a non-marring tool to remove the straps.
 - 10.6. Position the fuel tank downward and out from under the cab just enough to easily remove the fuel standpipe.
 - NOTE: The replacement standpipe is made of nickel-plated brass or bronze and has a shiny chrome appearance at the 7/8-inch hex fitting. The updated base material is brass or bronze.
 11. Replace the standpipe with a new one and apply a small amount of pipe sealant on the threads. Install the fuel metering pump and apply a small amount of pipe sealant on the threads while holding the standpipe hex with a 7/8-inch wrench. Position the fuel metering pump in the same location and direction as originally installed in step 6.
 - ☐ If the fuel tank was not removed, go to step 13.
 - ☐ If the fuel tank was removed, continue with step 12.
 12. If the fuel tank was removed, adjust the position of the fuel tank strap isolator/cushions as needed, install the fuel tank into its original position, and secure it. Use soapy water on the isolator/cushions to assist with the tank alignment. Connect the fuel lines and sender wires and fill the fuel to the tank. For instructions, see **Group 47** of the applicable workshop manual.
 13. Connect the fuel line and electrical harness connector to the fuel metering pump.
- IMPORTANT:** Vehicles in populations D and E have two standpipes installed, located in separate fuel tanks, and will require that **both** standpipe replacements be completed before proceeding to the next step of the work instructions. It is expected that steps 4 through 13 will be duplicated for the second standpipe replacement.
14. Remove the blocks supporting the cab, position and connect the cab air ride linkage, and install the upper cab shock bolts if previously removed.
 15. Install the side fairings if they were previously removed. For instructions, see **Group 31** in the applicable workshop manual.
 16. Connect the negative battery cables on the main and auxiliary batteries.
 17. Clean a spot on the base label (Form WAR259) and attach a campaign completion sticker for SF705 (Form WAR261), indicating this work has been completed.