

April 2018
FL750AB

Emissions Recall: Ambient Air Temperature Sensors

Models Affected: Specific Freightliner 122SD and Western Star 4700/4900 model vehicles manufactured January 4, 2016, through May 6, 2016, with certain Detroit engines and West Coast style side mirrors.

General Information

The vehicles mentioned above may be equipped with an improperly functioning on-board emission-related diagnostic system that violates (California or California and Federal or Canadian) standards and regulations.

The U.S. Environmental Protection Agency has determined that the engines/vehicles mentioned above may be emitting pollutants in excess of the federal emission standards (and/or California standards) as defined in Title 40 of the Code of Federal Regulations. Environment Canada has determined the vehicles mentioned above may be emitting pollutants in excess of the Canadian Environment Protection Act, 1999. These emission standards were established to protect the public health or welfare from air pollution. In order to ensure customers' full protection under the emission warranty made applicable to these vehicles or engines by Federal law, and customers' rights to participate in future recalls, it is recommended that vehicles or engines be serviced as soon as possible. Failure to do so could legally be determined to be a lack of proper maintenance of a vehicle or engine. Failure to have this recall performed may cause a vehicle to fail an emission inspection test when such tests are required under State or local law.

There are approximately 1,023 vehicles involved in this campaign.

Certain vehicles may have been built with incorrect ambient air temperature sensors. This can cause the ambient temperature to report lower than what it actually is. This can result in the vehicle after-treatment not functioning as designed, and for Charge Air Cooler Efficiency Low fault codes to be logged on the vehicle.

The ambient temperature sensor will be inspected and replaced if necessary.

Vehicle performance, other engine components, and drivability are not affected.

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.

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 FL750AB, 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 FL750

Campaign Number	Kit Number	Part Description	Part Number	Qty. per VIN
FL750AB	N/A	SENSOR TEMP	DDE 23518328	1 ea
		COMPLETION STICKER	WAR260	1 ea

Table 1

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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
FL750B	Inspect only	0.1	996-0951A	06-Inspect
FL750AB	Replace temperature sensor	0.2	996-0951B	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 OWL:

- Claim type is **Recall**.
- In the FTL Authorization field, enter the campaign number and appropriate condition code (**FL750A or FL750B**).
- In the Primary Failed Part Number field, enter **25-FL750-000**.
- In the Parts field, enter the appropriate kit(s) and/or part number(s) as shown in the Replacement Parts Table.
- 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.
- **IMPORTANT:** To meet regulatory requirements, for any vehicle registered in California, customers must be given a proof of completion certificate showing this Recall has been completed. A certificate form is included at the end of this bulletin for your use.
- For OWL, the VMRS Component Code is **003-001-151** and the Cause Code is **A1 - Campaign**.

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 DTNAConnect.com / WSC, 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.

The letter notifying U.S. and Canadian vehicle owners is included for your reference.

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Copy of Notice to Owners - United States

Emissions Recall: Ambient Air Temperature Sensors

Your vehicle may be equipped with an improperly functioning on-board emission-related diagnostic system that violates (California or California and Federal or Canadian) standards and regulations.

The U.S. Environmental Protection Agency has determined that your vehicle may be emitting pollutants in excess of the federal emission standards (and/or California standards) as defined in Title 40 of the Code of Federal Regulations. These emission standards were established to protect the public health or welfare from air pollution. In order to ensure your full protection under the emission warranty made applicable to your vehicle or engine by Federal law, and your right to participate in future recalls, it is recommended that you have your vehicle or engine serviced as soon as possible. Failure to do so could legally be determined to be a lack of proper maintenance of your vehicle or engine. Failure to have this recall performed may cause your vehicle to fail an emission inspection test when such tests are required under State or local law.

The vehicles affected are specific Freightliner 122SD and Western Star 4700/4900 model vehicles manufactured January 4, 2016, through May 6, 2016, with certain Detroit engines and West Coast style side mirrors.

Certain vehicles may have been built with incorrect ambient air temperature sensors. This can cause the ambient temperature to report lower than the actual ambient temperature resulting in the vehicle after-treatment system not functioning as designed, and for Charge Air Cooler Efficiency Low fault codes to be logged on the vehicle.

The ambient temperature sensor will be inspected and replaced if necessary.

Vehicle performance, other engine components, and drivability are not affected.

This Recall will be performed by authorized Daimler Trucks North America dealers. Please contact an authorized Daimler Trucks 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. On the menu tab, select "Contact," scroll down to "Find a Dealer," and select the appropriate brand. The Recall will take approximately one half hour and will be performed at no charge to you. The State of California requires the completion of emission Recall repairs prior to vehicle registration renewal. Your dealer will provide California vehicle owners with an Emissions Campaign - Proof of Correction certificate after the recall service is performed.

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 questions about this Recall or have difficulty in obtaining repairs, 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.

WARRANTY CAMPAIGNS DEPARTMENT

Enclosure

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Copy of Notice to Owners - Canada

Emissions Recall: Ambient Air Temperature Sensors

This notice is sent to you in accordance with the requirements for the Canadian Environmental Protection Act, 1999

Daimler Trucks North America LLC (DTNA) has determined that a defect which relates to a prescribed emission standard exists in specific Freightliner 122SD and Western Star 4700/4900 model vehicles manufactured January 4, 2016, through May 6, 2016, with certain Detroit engines and West Coast style side mirrors.

Certain vehicles may have been built with incorrect ambient air temperature sensors. This can cause the ambient temperature to report lower than the actual ambient temperature resulting in the vehicle after-treatment system not functioning as designed, and for Charge Air Cooler Efficiency Low fault codes to be logged on the vehicle.

The ambient temperature sensor will be inspected and replaced if necessary.

Vehicle performance, other engine components, and drivability are not affected.

This Recall will be performed by authorized Daimler Trucks North America dealers. Please contact an authorized Daimler Trucks 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. On the menu tab, select "Contact," scroll down to "Find a Dealer," and select the appropriate brand. The Recall will take approximately one half hour and will be performed at no charge to you.

Lessors must inform lessees of this recall. 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 questions about this Recall or have difficulty in obtaining repairs, 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.

WARRANTY CAMPAIGNS DEPARTMENT

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Work Instructions

Emissions Recall: Ambient Air Temperature Sensors

Models Affected: Specific Freightliner 122SD and Western Star 4700/4900 model vehicles manufactured January 4, 2016, through May 6, 2016, with certain Detroit engines and West Coast style side mirrors.

Inspection and Replacement Procedure

1. Check the base label (Form WAR259) for a completion sticker for FL750 (Form WAR260) indicating this work has been completed. 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, proceed to the next step.
2. Park the vehicle, shut down the engine, and apply the parking brakes. Chock the tires.
3. Remove the two screws from the sensor cover, and remove the cover. See [Fig. 1](#).

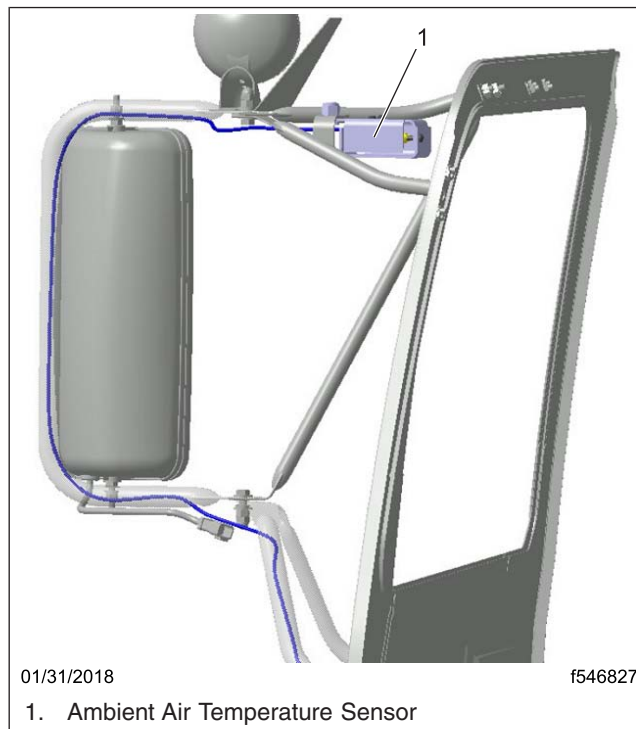


Fig. 1, Vehicle Door and Mirror Assembly

4. Inspect the sensor for the correct part number, **DDE 23518328**.

If the part number is NOT correct, proceed to the next step.

If the part number IS correct, the repair is finished. Clean a spot on the base label (Form WAR259). Write the campaign number, FL750, on a blank red completion sticker (Form WAR260) to indicate the work has been completed and attach it to the base label.

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5. Remove the two nuts securing the sensor.
6. Disconnect the sensor.
7. Position the new sensor on the vehicle.
8. Install the mounting nuts, and tighten the nuts securely.
9. Position the cover over the sensor, and install the two mounting screws. Tighten the screws securely.
10. Clean a spot on the base label (Form WAR259). Write the campaign number, FL750, on a blank red completion sticker (Form WAR260) to indicate the work has been completed and attach it to the base label.

Emissions Campaign – Proof of Correction

Engine Serial Number

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Vehicle Identification Number

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Engine Manufacturer: Detroit Diesel Corporation

Campaign Number: FL750

The above described engine has been repaired, modified, and/or equipped with new emission control devices to meet applicable California Emission Control Laws.

Authorized Repair Location Name

Address, City, State, Zip

Date

Authorized Repair Location Signature

Retain this certificate as proof that the emissions campaign has been performed.