

FREIGHTLINER®
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DEFECT INVESTIGATION

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Director
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February 28, 2006

Dan Smith
Associate Administrator for Vehicle Safety
National Highway Traffic Safety Administration
400 Seventh Street, S.W.
Washington, D.C. 20590


**Re: Defect Information Report – supplemental information
(FL-466), NHTSA no. 05V-550, Visteon Wiper Motor on Sterling**

Mr. Smith:

In accordance with Part 573 of Title 49 of the Code of Federal Regulations, Freightliner LLC herewith submits supplemental defect information and copies of documents to be distributed to dealers and purchasers.

Please contact me if you have any questions.

Sincerely yours,


Timothy Blubaugh

Cc: Michael Mason, CAL-OSHA
DOSH, Legal Unit
10th Floor
455 Golden Gate Avenue
San Francisco, CA 94102

Enclosure

Certified Mail Article Number:

Section 573.6 Non-Compliance Information Report
FL-466, Visteon Wiper Motor on Sterling; NHTSA no. 05V-550
Supplement No.: 02

February 28, 2006:

(c) (1) Manufacturer: FREIGHTLINER LLC
P.O. BOX 3849
Portland, Oregon 97208
(503) 745-5219

(c) (3) Total number of vehicles potentially affected: (Revise to read) 1,808

(c) (9) Communications sent to dealers: posted February 4, 2006
Communications sent to owners: mailed February 13, 2006

Subject: Visteon Windshield Wiper Motors

Models Affected: Specific Sterling A/L-Line and Acterra vehicles manufactured between September 1, 2005, and October 14, 2005, with a Visteon windshield wiper motor.

General Information

Freightliner LLC, on behalf of its wholly owned subsidiary, Sterling Truck Corporation, has decided that a defect which relates to motor vehicle safety exists on the vehicles mentioned above.

There are approximately 2,000 vehicles involved in this campaign. Please note that vehicles in FL466A are located in the U.S., Canada, and export countries; vehicles in FL466B are located in export countries only.

Certain windshield wiper motor drives may stop functioning due to a lack of grease on the internal gears. In certain conditions, this will impair visibility and a vehicle crash could occur if the vehicle is not stopped safely.

The windshield wiper motor date code will be inspected, and motors with date codes in the range specified by the manufacturer will be replaced.

Work Instructions

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 its 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 kits 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 FL466AB, 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.

Table 1 - Replacement Kits for FL466AB

NOTE: Not all vehicles will require a replacement. Windshield wiper motors with manufacturing date codes of September 1, 2005, through October 14, 2005, will be replaced. Those with all other date codes do not need to be replaced.

Campaign Number	Kit Number	Part Description	Part Number	Qty. per Kit	Suggested Wholesale*
FL466A (Vehicles in the U.S., Canada, or Export countries)	25-FL466-000	Wiper Motor	A22-61825-000	1 ea	\$65.21 U.S. \$94.90 CAN
		Completion Sticker	WAR260	1 ea	
FL466B (Export Vehicles Only)	25-FL466-001	Wiper Motor	A22-61825-001	1 ea	\$65.21 U.S. \$94.90 CAN
		Completion Sticker	WAR260	1 ea	

* Please charge all Direct Warranty Customers the above-listed price for the kit, as they are authorized to perform their own Recalls.

Recall Campaign

February 2006
 FL466AB
 NHTSA #05V-550

Removed Parts

Please follow Warranty Failed Parts Tracking shipping instructions for the disposition of all removed parts.

Labor Allowance

Table 2 - Labor Allowance

Campaign Number	Procedure	Time Allowed (hours)	SRT Code	Damage Code
FL466AB	Inspect windshield wiper motor	0.1	996-0659A	000-Inspected
FL466AB	Inspect and replace windshield wiper motor	0.5	996-0659B	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 by submitting your claim through the Warranty system within 30 days of completing this campaign. Please reference the following information in QuickClaim®:

- Claim type is **Recall**.
- In the FTL Authorization field, enter the campaign number and appropriate condition code (**FL466A** or **FL466B**).
- In the Primary Failed Part Number field, enter **25-FL466-000**.
- In the Parts field, enter the appropriate kit 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.

NOTE: ServicePro®/Service Advisor® 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.

Contact the Warranty Campaigns Department at (800) 547-0712, from 7:00 a.m. to 4:00 p.m. Pacific Time, Monday through Friday, Web inquiry at AccessFreightliner.com / Support / 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.

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 vehicle owners is included for your reference.

Please note that the National Traffic and Motor Vehicle Safety Act, as amended (49 USC), 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,

Recall Campaign

February 2006
FL466AB
NHTSA #05V-550

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. Also, any lessor is required to send a copy of the recall notification to the lessee.

Finally, the Act states that a remedy need not be provided without charge if the vehicle was bought by the first purchaser more than ten (10) calendar years before notice is given.

Recall Campaign



February 2006
FL466AB
NHTSA #05V-550

Copy of Letter to Owner Subject: Visteon Windshield Wiper Motors

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. It is also sent in accordance with the Canadian Motor Vehicles Safety Act.

Freightliner LLC, on behalf of its wholly owned subsidiary, Sterling Truck Corporation, has decided that a defect which relates to motor vehicle safety exists on specific Sterling A/L-Line and Acterra vehicles manufactured between September 1, 2005, and October 14, 2005, with a Visteon windshield wiper motor.

Certain windshield wiper motor drives may stop functioning due to a lack of grease on the internal gears. In certain conditions, this will impair visibility and a vehicle crash could occur if the vehicle is not stopped safely.

The windshield wiper motor date code will be inspected, and motors with date codes in the range specified by the manufacturer will be replaced.

Repair kits are now available for authorized dealers to order. Contact your authorized dealer to arrange to have your vehicle(s) modified and to assure that parts are available at the dealer. To locate a dealer, search online at www.Freightliner.com or contact the Warranty Campaigns Department for assistance.

When you contact your dealer, refer to campaign number **FL466A**. Once kit(s) are received at the dealership, the modification will take up to an hour depending on the work necessary and will be performed at no charge to you.

IMPORTANT: When the recall has been completed, please ensure that a label has been affixed to your vehicle referencing **FL466A**.

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, please make sure this notification is immediately forwarded to the lessee.

If you are not able to have the defect remedied without charge and within a reasonable time, which is not longer than 60 days after you tender the vehicle for repair, 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 WarrantyCampaigns@freightliner.com, or the Customer Assistance Center at (800) FTL-HELP or (800) STL-HELP, after normal business hours. You may also wish to submit a complaint to the Administrator, National Highway Traffic Safety Administration, 400 7th Street S.W., Washington, D.C. 20590; or call the Vehicle Safety Hotline at (888) 327-4236 (TTY: 800-424-9153); or to <http://www.safercar.gov>. If your vehicle is involved in the Canadian portion, you may wish to notify Transport Canada, ASFAD, Place de Ville Tower C, 330 Sparks Street, Ottawa, ON K1A 0N5, or phone (800) 333-0510.

We regret any inconvenience this action may cause but feel certain you understand our interest in motor vehicle safety.

WARRANTY CAMPAIGNS DEPARTMENT

Enclosure

Work Instructions

Subject: Visteon Windshield Wiper Motors

Models Affected: Specific Sterling A/L-Line and Acterra vehicles manufactured between September 1, 2005, and October 14, 2005, with a Visteon windshield wiper motor.

Windshield Wiper Motor Inspection and Replacement Procedure

1. Check the base label (Form WAR259) for a completion sticker for FL466 (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 completion sticker is present, no further work is needed. If there is no completion sticker, 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. Open the hood.
4. Clean the wiper-motor housing and inspect the date stamp. See **Fig. 1**

NOTE: The date is written on the housing in light grey ink.

5. If the date is before September 1, 2005, or after October 14, 2005, no further work is necessary. Close the hood and go to step 16.

If the date falls between September 1, 2005, and October 14, 2005, replace the wiper motor using the following instructions.

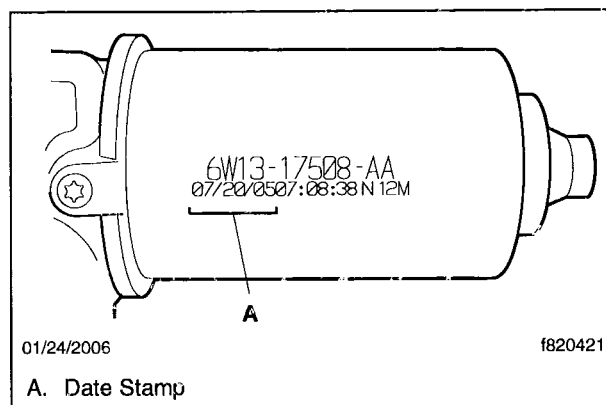


Fig. 1, Wiper Motor

6. Remove the driver-side and passenger-side wiper arms.
 - 6.1 Disconnect the washer hose. See **Fig. 2**.
 - 6.2 Carefully raise the windshield-wiper blade away from the windshield glass until it stops.
 - 6.3 Pull the locking lever away from the windshield-wiper pivot arm. See **Fig. 3**.
 - 6.4 Lift the pivot arm from the mounting arm and pivot shaft. See **Fig. 4**.

Recall Campaign

February 2006
FL466AB
NHTSA #05V-550

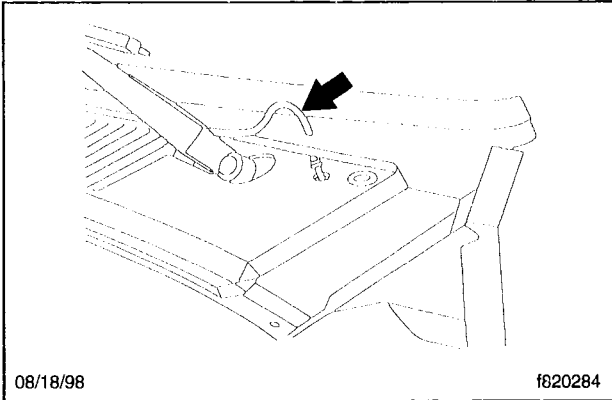


Fig. 2, Windshield Washer Hose

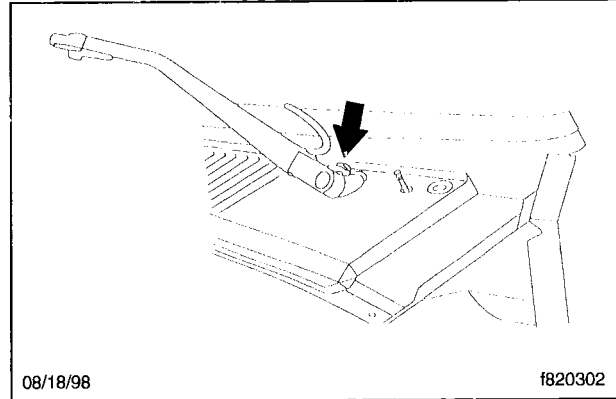


Fig. 3, Pivot-Arm Locking Lever

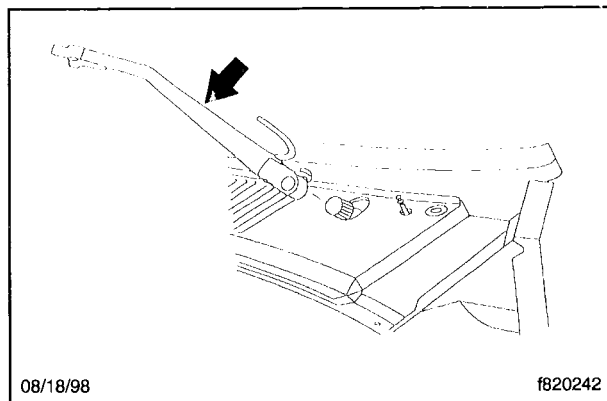


Fig. 4, Windshield-Wiper Pivot Arm

7. Remove the cowl top vent panel.
 - 7.1 Remove the cowl seal from the cowl.
 - 7.2 Remove the five attaching screws (and retain for reinstallation), then remove the cowl top vent panel.
8. Remove the retaining clip and disconnect the windshield-wiper mounting arm from the mounting-lever pivot shaft. See **Fig. 5**.
9. Remove the windshield-wiper motor. See **Fig. 6**.
 - 9.1 Disconnect the electrical connector.
 - 9.2 Remove the bolts.
 - 9.3 Remove the wiper motor.
10. Install the new wiper motor.
 - 10.1 Place the windshield-wiper motor in position.
 - 10.2 Install the bolts.
 - 10.3 Connect the electrical connector.

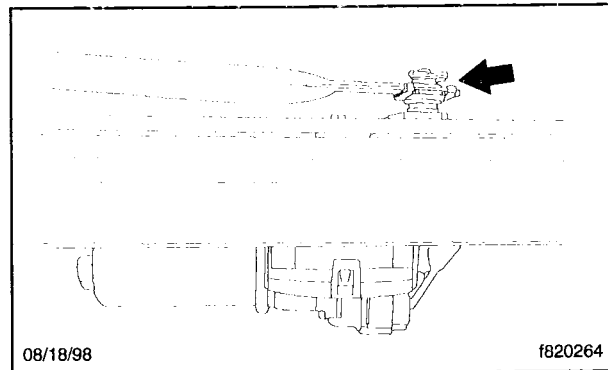


Fig. 5, Windshield-Wiper Mounting Arm and Pivot Shaft Retaining Clip

11. Tighten the bolts 80 to 115 lbf-in (900 to 1300 N-cm). See **Fig. 7**.
12. Connect the mounting arm and pivot shaft to the mounting-lever pivot shaft, and install the retaining clip. See **Fig. 5**.
13. Install the cowl top vent panel.
 - 13.1 Using the five fasteners, attach the cowl vent panel.
 - 13.2 Install the cowl seal on the the cowl.
14. Install the driver-side and passenger-side wiper arms.
 - 14.1 Install the pivot arm onto the mounting arm and pivot shaft. See **Fig. 4**.
 - 14.2 Close the locking lever on the pivot arm. See **Fig. 3**.
 - 14.3 Connect the washer hose. See **Fig. 2**.
15. Check, and if necessary, adjust the windshield wiper pivot arm.
 - 15.1 Cycle and park the windshield wipers.
 - 15.2 Verify that the distance between the center of the passenger-side windshield wiper blade and the cowl top vent panel is within 3.0 ± 0.125 inches (76 \pm 3 mm). See **Fig. 8**.
 - 15.3 Verify that the distance between the center of the driver-side windshield wiper blade and the cowl top vent panel is within 3.25 ± 0.125 inches (82 \pm 3 mm). See **Fig. 9**.

If the distance is not within specification, remove the windshield-wiper pivot arm that is not within specification and reposition it to specification.

Recall Campaign

February 2006
FL466AB
NHTSA #05V-550

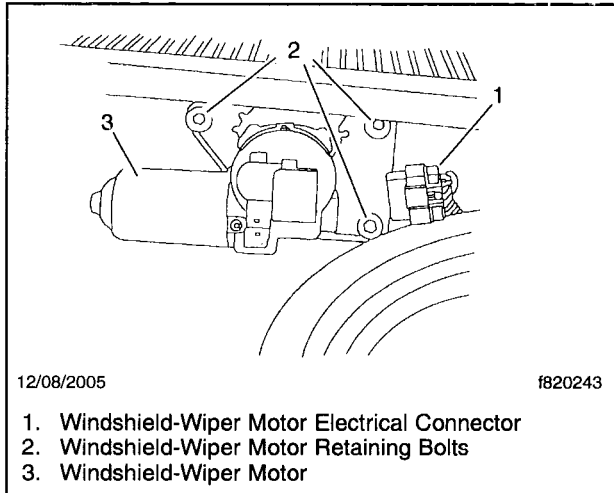


Fig. 6, Windshield Wiper Motor

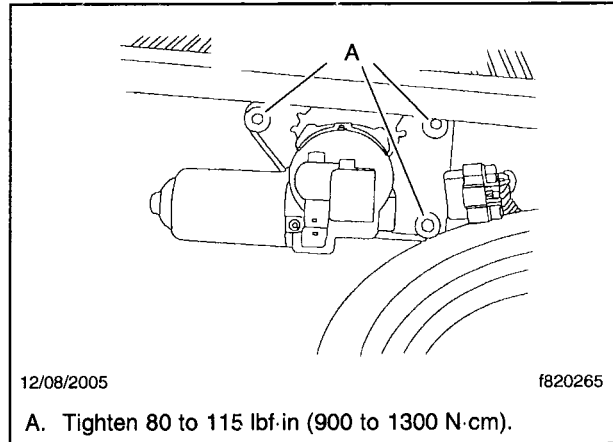


Fig. 7, Tightening Windshield-Wiper Motor Bolts

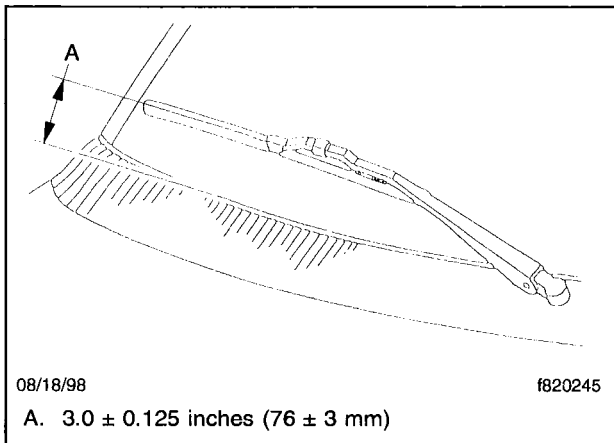


Fig. 8, Passenger-Side Windshield Blade Park Dimension

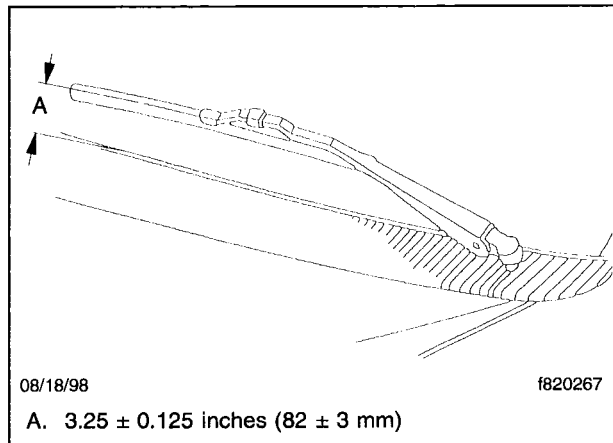


Fig. 9, Driver-Side Windshield Blade Park Dimension

16. Clean a spot on the base label (Form WAR259). The base label is usually located on the passenger-side door about 12 inches (30 cm) below the door latch. Attach a completion sticker (Form WAR260) for recall FL466 to the base label.

17. Remove the chocks from the tires.