

FREIGHTLINER
CORPORATION

A DaimlerChrysler Company

Gary W. Roseow
Director
Government Technical Affairs

DATE: September 10, 1999

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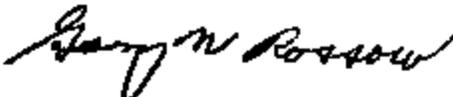
Office of Defects Investigation, Room 5326
National Highway Traffic Safety Administration
400 Seventh St., S.W.
Washington, D.C. 20590

Attn: Jonathan D. White

Subject: Information Report, NHTSA No. 99V-111

In accordance with Title 49, Part 573, Freightliner Corporation herewith submits an information report supplying copies of documents distributed to dealers and purchasers.

Sincerely,



Gary W. Roseow

Cc: Michael Mason, CAL-OSHA

Certified Mail No. P 335 662 646

Section 573.5 Defect Information Report

Supplement No.: 1

Date: September 10, 1999

(c) (1) Manufacturer: FREIGHTLINER CORPORATION
P.O. BOX 3849
Portland, Oregon 97208
(503) 735-8078

(c) (9) Communications sent to dealers and owners:

Owner notification began on 8/20/99 and was completed 8/20/99.



A Division of **FREIGHTLINER**
CORPORATION

Alliance
P.O. Box 4090
Portland, OR 97208-4090
800.547.0712 Phone
503.736.7416 Fax

Recall Campaign Information

July 1999

Attention: Service Manager
Warranty Manager
Parts Manager
Freightliner Field Personnel
Internal Distribution

Subject: Business Class Hydraulic Brake Tube
FL236A U.S.
FG236A Canada

Attached is a copy of the Recall Bulletin and an updated page for your index.
There are approximately 195 vehicles involved in this campaign.
Please replace the index and add the bulletin to your Recall Binder.

ALLIANCE WARRANTY OPERATIONS (RECALL)

Attachments



A Division of **Freightliner LLC**
CORPORATION

Recall Bulletins Index (July 1999)

Campaign No.		Subject
U.S.	Canadian	
FL172A		GKN Front Axle Knuckle Assemblies (Revised Edition)
FL174A	FC082A	Seat Belt Anchor Washers
FL175A-K	FC083A-K	Front Brake Chambers Mounted on Rockwell Foundation Brakes (Revised Edition)
FL176A		Aftermarket Parts Only
FL177A	FC086A	Muffler Mounting Brackets
FL178A	FC085A	Rockwell/WABCO Air Dryer
FL179A	FC087A	Steering Axle Tie Rod Ball Joint Nuts
FL180A	FC088A	Swing-Out Side Windows (Revised Edition)
FL181B	FC089B	Mechanical Parking Brake Lever (Revised Edition)
FL182AB	FC090AB	Air Reservoirs (Revised Edition)
FL183A	FC091A	Phillips Gladhand Fasteners
FL184A	FC092A	Brake Spider Bolts
FL185A - FL197A	FC093A - FC104A	Freightliner Custom Chassis Corporation Bulletins to be released at a later date
FL196A		Air Line Interference with Hydraulic Lines (FCCC)
FL198A		Upper Bunk Support Brackets
FL199A	FC105A	Neway AD Type Suspension (Distributed by Neway)
FL200A	FC106A	Steering Column Tilt/Telescoping Mechanism
FL201A	FC107A	To be released at a later date
FL202A	FC108A	Relay Replacement, and Cab/Roof Seam and Antenna Mounting Stud(s) Sealing
FL203A	FC109A	Cruise Control Disengagement (FCCC)
FL204A	FC110A	Crossmember-Track Bar Interference with Tie Rod (FCCC)
FL205AB	FC111AB	Fan Clutch Disc Replacement (Revised Edition)
FL206A	FC112A	Eaton Drive Axles with Axi-Lok [®] Spindle Nuts
FL207A	FC115A	Midland Park Brake Spring Chamber (FCCC)
FL208A	FC113A	Non-Compliance of B-Pillar Anchorage
FL209A	FC114A	Foot Brake Valve Adapter
FL210AD	FC116AD	Transmission Shift Control (FCCC)
FL211A		To be released at a later date
FL212AD	FC117AD	Steering Shaft Slip Spline
FL213A	FC119A	Rear Brake Calipers Contacting the Spring Seat (FCCC)
FL214A		Grote Turn Signal Switch
FL215A	FC118A	Parking Brake on Allison 500 Series Transmission (Revised Edition) (FCCC)
FL216A	FC120A	Front Axle Hub Flange



A Division of **FREIGHTLINER**
CORPORATION

Recall Bulletins Index (July 1999)

Campaign No.		Subject
U.S.	Canadian	
FL217A		Non-Compliance Antilock Power Circuit for Towed Vehicles
FL218A-E	FC121A-E	Incorrect Tire Weight Ratings
FL219A	FC122A	Hydraulic Parking Brake Relay Valve (FCCC)
FL220AB	FC125AB	Non-Compliance of Seat Belt Anchorage (ALF) (Revised Edition)
FL221A-D	FC126A-D	Non-Compliance of Brake Release Timing (ALF)
FL222A	FC123A	Fan Blades on Business Class Vehicles
FL223AC	FC124AC	Meritor RPL Driveline U-Joints (Superseded by FL223DEF/ FC124DEF)
FL223DEF	FC124DEF	Meritor RPL Driveline U-Joints (Second Revised Edition)
FL224A		Non-Compliance of Air Reservoir Volume
FL225AB	FC127AB	FC 921 Front Axle Knuckles
FL226AB	FC128AB	Non-Compliance of Door Hinge Fasteners
FL227A		Non-Compliance of Emergency Brake Systems
FL229ABC	FC130ABC	MT35 Throttle Return Springs
FL231ABC	FC131ABC	Meritor Automatic Slack Adjusters
FL232A		Bendix ABS Plumbing
FL233A	FC233A	To be released
FL234A	FC234A	To be released
FL235A	FC235A	To be released
FL236A	FC236A	Business Class Hydraulic Brake Tube
FL237A	FC237A	Business Class Steering Column Welds
FL240A	FC240A	American LaFrance Air Tank Drain Harness



A Division of **FREIGHTLINER**
CORPORATION

Recall Bulletin

Recall

July 1999
FL236A U.S.
FC236A Canada

ATTENTION: SERVICE MANAGER

Subject: Business Class Hydraulic Brake Tube

MODELS AFFECTED: Freightliner FL50, FL60, and FL70 Business Class vehicles manufactured with hydraulic brakes between January 14, 1999 and March 15, 1999.

GENERAL INFORMATION

It has been determined that a defect which relates to motor vehicle safety exists on the above referenced vehicles.

There are approximately 195 vehicles involved in this campaign.

The hydraulic brake tube to the front left brake may contact the bottom frame rail flange. Loss of front service brakes and a vehicle crash, without prior warning may, occur.

The modification consists of removing and replacing the hydraulic brake tube.

WORK INSTRUCTIONS

Please refer to the attached work instructions.

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 your dealership has ordered any vehicle(s) involved in campaign number FL236A/FC236A, a computer listing of the customers and vehicle identification numbers will be enclosed. Please refer to this list when ordering parts for this recall.

Refer to Table 1 for replacement kit(s).

25-FL236-000

Campaign Number	Kit Number	Part Description	Part Number	Qty. per Kit	Suggested Wholesale*
FL236A/FC236A	25-FL236-000	Hydraulic Brake Tube	A12-18618-001	1	\$30.49 U.S. \$52.34 CAN

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

Table 1

REMOVED PARTS

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

LABOR ALLOWANCE

Refer to Table 2 for labor allowance.



Recall

July 1999
FL236A U.S.
FC236A Canada

Campaign Number	Procedure	Time Allowed (hours)	SRT Code	Damage Code
FL236A/FC236A	Remove and replace hydraulic brake tube	1.1	896-0300A	000-Modified

Table 2

IMPORTANT: When the modification has been completed, clean a spot on the passenger door jamb and attach a completion sticker (Form W-147), referencing the modification number and date the work was performed.

CLAIMS FOR CREDIT

You will be reimbursed for your parts, labor and handling by submitting your claim through the Alliance Warranty system. Please reference FL236A/FC236A in the FSDOC field and 25-FL236-000 in the primary failed part number field on each claim. All modification parts used must be listed on the claim as the kit number shown in the Replacement Part Tables.

NOTE: ServicePro®/Service Advisor® must be viewed prior to performing the modification to ensure the vehicle is involved and the modification has not been previously completed. Also, it is important to check for a completion sticker prior to performing the modification.

Freightliner provides the following methods to determine if a vehicle is involved in any campaigns:

1. On-line Service Advisor®
2. On-line ServicePro®
3. Contact the Alliance Recall Department at 1-800-547-0712, from 7:00 a.m. to 3:30 p.m., Pacific Time, or the Alliance Customer Assistance Center at 1-503-735-7877 after normal business hours, if you have any questions or need additional information.

To return excess kit inventory related to this campaign, please submit a Parts Authorization Return (PAR), to the Chicago PDC. All 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, 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 eight (8) calendar years before notice is given.

ALLIANCE WARRANTY OPERATIONS (RECALL)



ALLIANCE

A Division of FREIGHTLINER CORPORATION

Recall Bulletin

Recall

July 1999
FL236A U.S.
FC236A Canada

Copy of Letter to Owner

Subject: Business Class Hydraulic Brake Tube

Dear Freightliner Vehicle Owner:

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

It has been determined that a defect which relates to motor vehicle safety exists on Freightliner FL50, FL60, and FL70 Business Class vehicles manufactured with hydraulic brakes between January 14, 1999 and March 15, 1999.

The hydraulic brake tube to the front left brake may contact the bottom frame rail flange. Loss of front service brakes and a vehicle crash, without prior warning, may occur.

The modification consists of removing and replacing the hydraulic brake tube.

You should immediately contact your Freightliner dealer to arrange to have your vehicle(s) modified. When you contact your dealer, reference campaign number FL236A/FC236A. The kits are now available to Freightliner dealers to complete the modification. Please allow approximately 1.1 hours to have this modification completed. This modification will be performed at no charge to you.

IMPORTANT: When the modification has been completed on your vehicle, please ensure that a sticker has been affixed to your vehicle, referencing FL236A/FC236A and the date the work was performed.

If you do not own the vehicle that corresponds to the identification number(s) which appear on the Recall Notification, please return the notification to the Alliance Recall 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 unable to have the defect remedied without charge and within a reasonable time after you tender the vehicle for repair, please contact the Alliance Recall Department, at 1-800-547-0712, 7:00 a.m. to 3:30 p.m., Pacific Time, or the Alliance Customer Assistance Center, at 1-800-FTL-HELP after normal business hours. You may also wish to notify the Administrator, National Highway Traffic Safety Administration, 400 7th Street S.W., Washington, D.C. 20590, or phone 1-800-424-9393. If your vehicle is involved in the Canadian portion, you may notify the Manager, Recall and Public Compliance, Road and Motor Vehicle Traffic Safety Branch, Transport Canada, Ottawa, Ontario, or phone (613) 863-9651.

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

ALLIANCE WARRANTY OPERATIONS (RECALL)

Enclosure



A Division of FRIEGLER CORPORATION

Recall

Recall Bulletin

July 1999
FL236A U.S.
FC236A Canada

Work Instructions

Subject: Business Class Hydraulic Brake Tube

MODELS AFFECTED: Freightliner FL60, FL60, and FL70 Business Class vehicles manufactured with hydraulic brakes between January 14, 1999 and March 16, 1999.

HYDRAULIC BRAKE TUBE REPLACEMENT (See Fig. 1)

1. Park the vehicle on a level surface, shut down the engine, and chock the tires. Check the vehicle for a completion sticker (Form W-147). If a sticker is not found, proceed to the next step.

If the completion sticker is found, no further work is necessary. Remove the chocks.

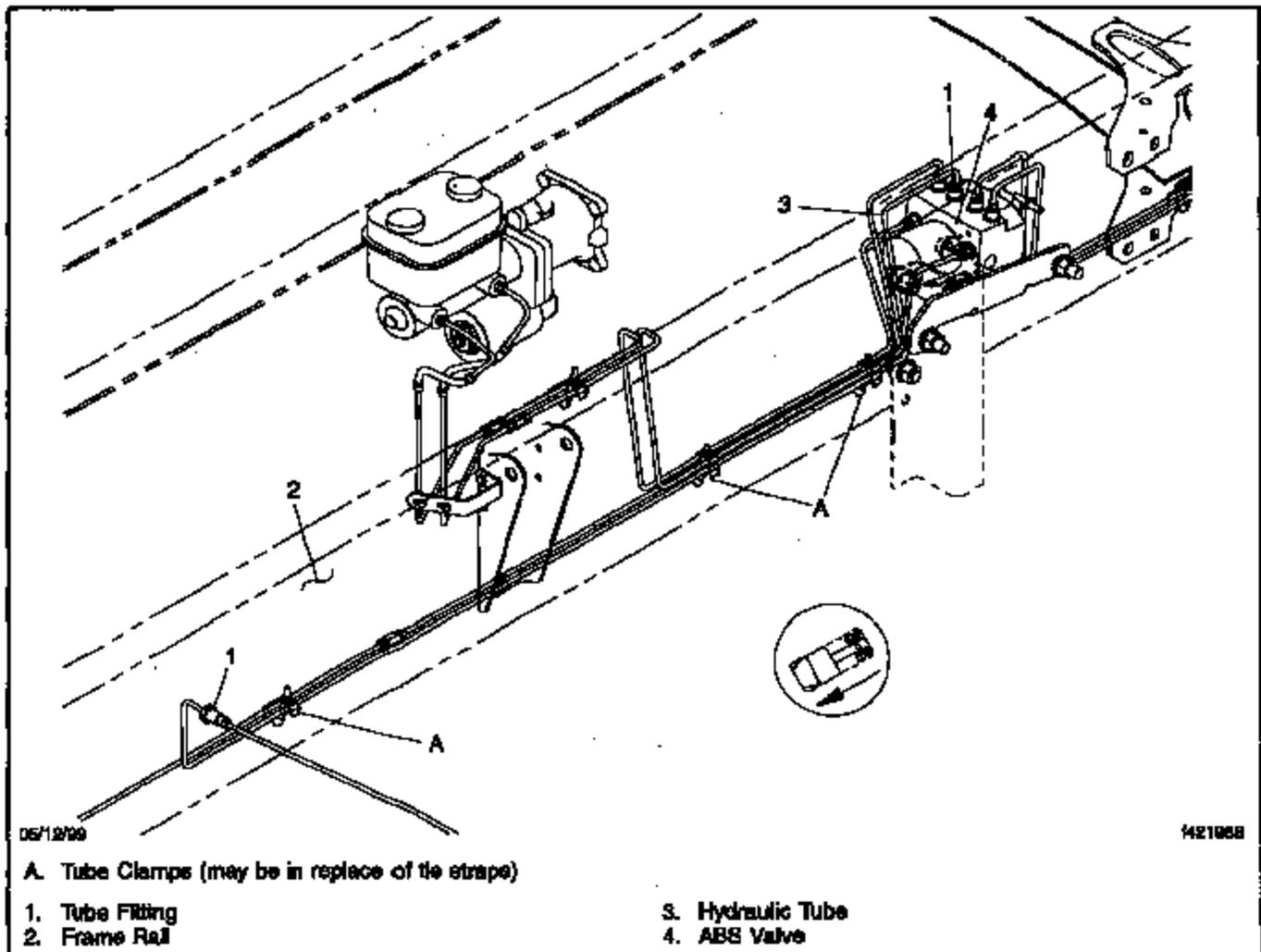


Fig. 1, Hydraulic Tube Replacement



Recall

Recall Bulletin

A Division of FORD CREDIT FINANCE CORPORATION

July 1999
FL236A U.S.
FC236A Canada

2. Cut any tie straps securing the hydraulic tube to be replaced.

NOTE: There may be tube clamps in the place of tie straps. If so, remove the tubing from the clamps.

IMPORTANT: Hydraulic fluid may leak when removing the tube. Make sure an oil pan is placed under each fitting during tube removal.

3. Remove the fitting attaching the tube to the inside of the frame rail.
4. Remove the fitting attaching the other end of the tube to the ABS modulator valve.
5. Remove the brake tube from the vehicle.
6. Drain the fluid from the tube.
7. Place the new hydraulic brake tube into position.
8. Using the fittings on each end of the tube, fasten the tube to the frame rail fitting and the ABS valve.
9. If tie straps were removed during installation, install new straps.

NOTE: If there tube clamps in the place of tie straps, fasten the tubing in the clamps.

10. Bleed the hydraulic brake lines. For instructions, see **Section 42.36, Subject 120** in the *Business Class Trucks Service Manual*.
11. After bleeding the brake lines, apply the brakes and check for leaks around the ends of the new tube at the fittings. If leaks are found, tighten the fittings and repeat the above step.
12. Clean an area on the passenger's door jamb and attach a completion sticker (Form W-147). The sticker should reference the modification number and the date the work is performed.
13. Remove the chocks from the tires.