



Freightliner LLC

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December 11, 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 (FL-480), NHTSA 06V-387, Supplemental Report No.: 1,
ArvinMeritor RPL20 Interaxle Drivelines**

Mr. Smith:

In accordance with Part 573 of Title 49 of the Code of Federal Regulations, Freightliner LLC herewith submits supplemental defect information concerning recall NHTSA 06V-387, (FL-480), ArvinMeritor RPL20 Interaxle Drivelines

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

(c)(3) Total number of vehicles potentially affected: 9
Note: most of the drivelines identified on ArvinMeritor's Defect Information Report and shipped to Freightliner were installed on vehicles manufactured for export markets.

(c) (9) Estimated Owner Notification Date: Customer notification will be by first class mail using Freightliner records to determine the customers affected. The enclosed information was sent to the affected parties on the dates listed below.

Dealer Work Instruction to be posted – November 28, 2006
Owner's Letter to be mailed – December 6, 2006

Please contact me if you have any questions.

Sincerely yours,

Timothy Blubaugh

Cc: Michael Mason, CAL-OSHA
Certified Mail#70023150000414054370

Subject: ArvinMeritor RPL20 Interaxle Driveline Snap Rings

Models Affected: Specific Freightliner Columbia vehicles manufactured between July 11, 2006, and August 31, 2006, with Arvin-Meritor RPL20 high angle interaxle drivelines.

General Information

Freightliner LLC, on behalf of its Freightliner Trucks Division, has decided that a defect which relates to motor vehicle safety exists on the vehicles mentioned above.

There are approximately 100 vehicles involved in this campaign.

Certain interaxle drivelines may have improperly seated or missing snap rings. If this is the case, the bearing cup could separate from the slip yoke assembly, allowing the universal joint cross to contact the slip yoke casting and eventually fracture the ear work. This may result in vehicle/property damage or injury to people nearby.

The interaxle driveline will be inspected for proper snap ring installation. Vehicles that have improperly seated or missing snap rings will have the interaxle driveline replaced. Fewer than 1 percent of vehicles are expected to require an interaxle driveline replacement. No driveline replacements are expected in the U.S or Canada.

IMPORTANT: Vehicles involved in this recall are located outside the U.S. and Canada, with the exception of 21 vehicles (nine in the U.S. and 12 in Canada).

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 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. Order the inspection kit below in advance with a vehicle serial number. Freight may not be included on claims.

If our records show your dealership has ordered any vehicles involved in campaign number FL480A-C, 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.

Recall Campaign

November 2006
 FL480A-C
 NHTSA #06V-387

Table 1 - Inspection Kit for FL480A-C

IMPORTANT: Vehicles involved in this recall are located outside the U.S. and Canada, with the exception of 21 vehicles (nine in the U.S. and 12 in Canada). Order the inspection kit below in advance with a vehicle serial number. Customers have been asked to make advance arrangements to have their vehicles inspected. Freight for inspection kits may not be included on claims.

Campaign Number	Kit Number	Part Description	Part Number	Qty. per Kit	Suggested Wholesale*
FL480A-C	25-FL480-000	Gage Pin	PNR 26-24-1	1 ea	\$1.88 U.S. \$2.39 CAN

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

Table 1

Table 2 - Interaxle Drivelines for FL480A-C

NOTE: Fewer than 1 percent of vehicles are expected to require an interaxle driveline replacement. No driveline replacements are expected in the U.S or Canada. If a driveline replacement is needed, contact Warranty Campaigns. You will order the appropriate driveline with a vehicle serial and authorization number.

Campaign Number	Interaxle Driveline Part Number	Part Description	Qty.	Suggested Wholesale*
FL480A	A09-10604-000	Interaxle Driveline	1 ea	\$1,013.17 U.S. \$1,420.27 CAN
FL480B	A09-10605-002	Interaxle Driveline	1 ea	\$875.55 U.S. \$1,262.57 CAN
FL480C	A09-10602-392	Interaxle Driveline	1 ea	Not Available

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

Table 2

Removed Parts

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

Labor Allowance

Table 3 - Labor Allowance

NOTE: Fewer than 1 percent of vehicles are expected to require an interaxle driveline replacement. No driveline replacements are expected in the U.S or Canada.

Campaign Number	Procedure	Time Allowed (hours)	SRT Code	Damage Code
FL480A-C	Inspect interaxle driveline snap rings	0.2	996-0691A	000-Inspected
FL480A-C	Inspect interaxle driveline snap rings, remove/replace interaxle driveline	1.6	996-0691B	000-Modifiedx

Table 3

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 (e.g. **FL480A, FL480B, etc.**).
- In the Primary Failed Part Number field, enter **25-FL480-000**.
- In the Parts field, enter the appropriate kit number(s) as shown in the Replacement Parts Table.

IMPORTANT: Vehicles involved in this recall are located outside the U.S. and Canada, with the exception of 21 vehicles (nine in the U.S. and 12 in Canada). Order the inspection kit below in advance with a vehicle serial number. Customers have been asked to make advance arrangements to have their vehicles inspected. Freight for inspection kits may not be included on claims. Fewer than 1 percent of vehicles are expected to require an interaxle driveline replacement. No driveline replacements are expected in the U.S or Canada. If a driveline replacement is needed, contact Warranty Campaigns. You will order the appropriate driveline with a vehicle serial and authorization number.

- 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: ServicePro® 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 (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. Also, any lessor is required to send a copy of the recall notification to the lessee.

Recall Campaign

November 2006
FL480A-C
NHTSA #06V-387

Copy of Letter to Owner

Subject: ArvinMeritor RPL20 Interaxle Driveline Snap Rings

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

Freightliner LLC, on behalf of its Freightliner Trucks Division, has decided that a defect which relates to motor vehicle safety exists on specific Freightliner Columbia vehicles manufactured between July 11, 2006, and August 31, 2006, with ArvinMeritor RPL20 high angle interaxle drivelines.

Certain interaxle drivelines may have improperly seated or missing snap rings. If this is the case, the bearing cup could separate from the slip yoke assembly, allowing the universal joint cross to contact the slip yoke casting and eventually fracture the ear work. This may result in vehicle/property damage or injury to people nearby.

The interaxle driveline will be inspected for proper snap ring installation. Vehicles that have improperly seated or missing snap rings will have the interaxle driveline replaced.

Inspection kits are now available for authorized dealers to order. **Contact your authorized dealer in advance to arrange to have your vehicle(s) inspected and to ensure the inspection kit is at the dealership and will be available when you arrive.** To locate a dealer, search online at www.FreightlinerTrucks.com or contact the Warranty Campaigns Department for assistance.

When you contact your dealer, refer to campaign number **FL480A-C**. Once kit(s) are received at the dealership, the inspection will take approximately half an hour 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 **FL480A-C**.

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, Federal law requires that you forward this notice to the lessee within 10 days.

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 SW, Washington, DC 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: ArvinMeritor RPL20 Interaxle Driveline Snap Rings

Models Affected: Specific Freightliner Columbia vehicles manufactured between July 11, 2006, and August 31, 2006, with Arvin-Meritor RPL20 high angle interaxle drivelines.

IMPORTANT: Vehicles involved in this recall are located outside the U.S. and Canada, with the exception of 21 vehicles (nine in the U.S. and 12 in Canada). Order the inspection kit below in advance with a vehicle serial number. Customers have been asked to make advance arrangements to have their vehicles inspected. Freight for inspection kits may not be included on claims. Fewer than 1 percent of vehicles are expected to require an interaxle driveline replacement. No driveline replacements are expected in the U.S or Canada. If a driveline replacement is needed, contact Warranty Campaigns. You will order the appropriate driveline with a vehicle serial and authorization number.

Snap Ring Inspection Procedure

1. Check the base label (Form WAR259) for a completion sticker for FL480 (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 sticker for FL480 is present, nothing further needs to be done. If no sticker is present, go to the next step.
2. Shut down the engine, set the parking brake, and chock the tires.

 **WARNING**

Never work under a vehicle that is supported only by jacks. Jacks can slip, resulting in the vehicle falling. This can cause serious injury or death. Always support the vehicle with safety stands.

3. Raise the rear of the vehicle so the tires are off the ground, and support it with safety stands.
4. Underneath the vehicle, find the yokes on the interaxle driveshaft that have snap rings. See **Fig. 1**. Make sure all the snap rings are present. There should be a total of four (two at each end of the driveshaft).

If any snap rings are missing, replace the driveshaft. Go to "Interaxle Driveline Replacement."

If all the snap rings are present, go to the next step.

5. Using the gage from the kit, check that all snap rings at both ends of the interaxle driveshaft are correctly seated in the yoke ears. The gage should fit between the teeth of the snap ring, and contact the top surface of the U-joint bearing. See **Fig. 2**.

If all the snap rings are present and seated correctly, nothing more needs to be done. Go to the next step.

If any snap ring is missing or incorrectly seated, replace the interaxle driveshaft. Go to "Interaxle Driveline Replacement."

6. Clean a spot on the base label (Form WAR259), and attach a completion sticker (Form WAR260) for recall FL480.
7. Remove the chocks.

Recall Campaign

November 2006
FL480A-C
NHTSA #06V-387

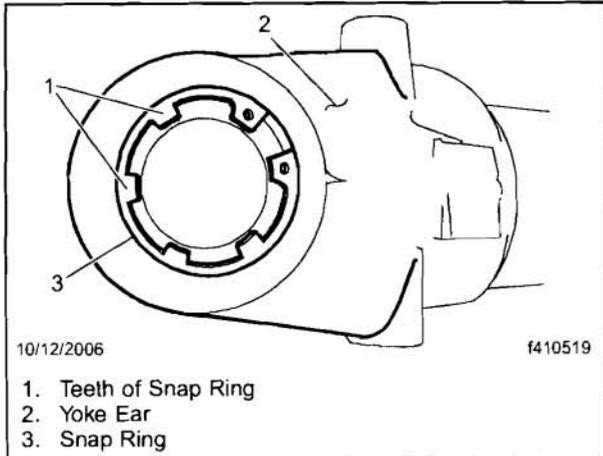


Fig. 1, Interaxle-Driveshaft Yoke (side view)

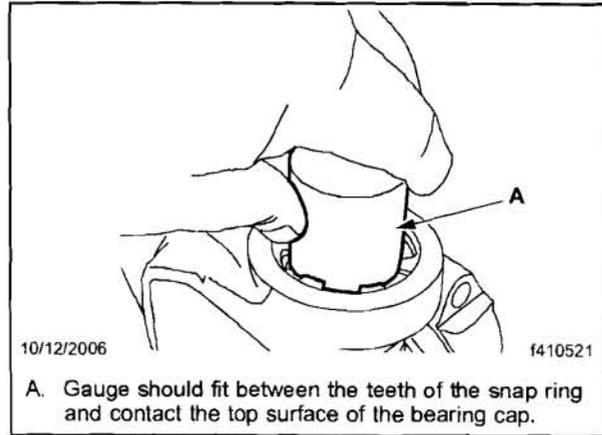


Fig. 2, Checking the Snap Ring Seating

Interaxle Driveline Replacement

IMPORTANT: Fewer than 1 percent of vehicles are expected to require an interaxle driveline replacement. No driveline replacements are expected in the U.S or Canada. If a driveline replacement is needed, contact Warranty Campaigns. You will order the appropriate driveline with a vehicle serial and authorization number.

WARNING

Never work under a vehicle that is supported only by jacks. Jacks can slip, resulting in the vehicle falling. This can cause serious injury or death. Always support the vehicle with safety stands.

1. Raise the rear of the vehicle so the tires are off the ground, and support it with safety stands.
2. Rotate the interaxle driveshaft so that the axle yokes are positioned horizontally. See 7 Fig. 3.
3. Uncouple the interaxle driveshaft from the rear-rear axle.
 - 3.1 Remove and discard the capscrews that secure the bearing-cup straps to the half-round yoke.
 - 3.2 Remove the bearing straps, then the U-joint from the rear-rear axle input yoke.
4. Using the same procedure, uncouple the interaxle driveshaft from the forward-rear axle output yoke.
5. Remove the interaxle driveshaft.
6. Place the new interaxle driveshaft under the vehicle with its slip yoke facing the forward-rear axle, and using a suitable strap, support the rear end of the driveshaft from the frame rail or crossmember.

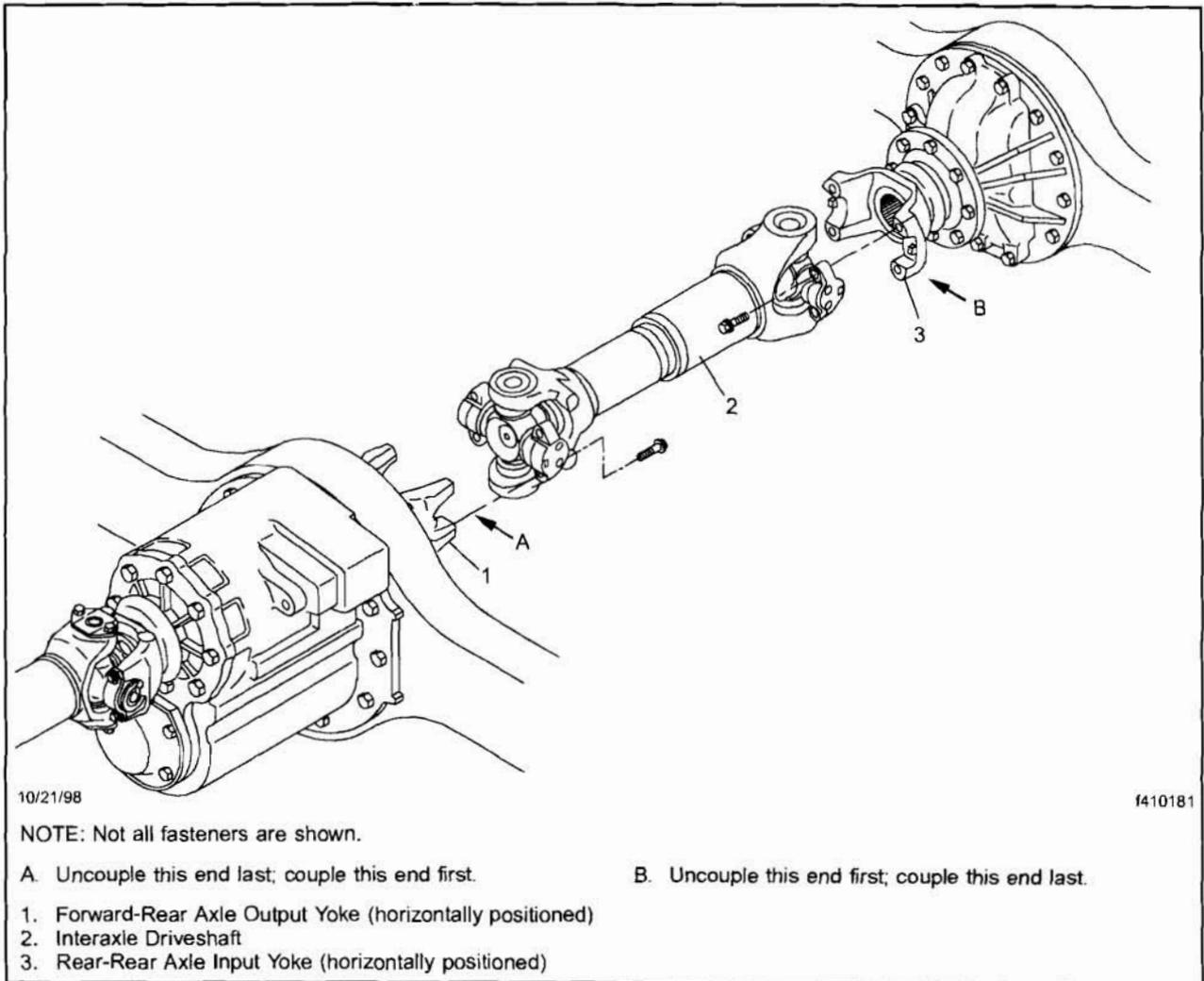


Fig. 3, Removal/Installation of the Interaxle Driveshaft

7. Couple the slip yoke to the forward-rear axle output yoke.
 - 7.1 Extend the slip joint, while pressing the U-joint cross and the bearing cups into place in the half-round yoke.

CAUTION

Do not use the capscrews and bearing straps to seat the bearing cups in the yoke. Seating the cross by tightening the bearing straps can deform the bearing straps, allowing the bearing cups to spin, which will cause rapid wear and serious damage to the U-joint.

- 7.2 Using a rubber or plastic mallet, gently tap the bearing cups to seat them in the yoke.
- 7.3 Place the bearing straps over the bearing cups, and install the new capscrews finger-tight.
- 7.4 Alternately tighten the capscrews in increments of 20 lbf-ft (27 N·m) to a final torque of 115 to 135 lbf-ft (156 to 183 N·m).

Recall Campaign

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FL480A-C
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8. Using the above procedure, couple the interaxle driveshaft to the rear-rear axle input yoke. Remove the support strap.
9. Raise the vehicle, remove the safety stands, then lower the vehicle.
10. Clean a spot on the base label (Form WAR259), and attach a completion sticker (Form WAR260) for recall FL480.
11. Remove the chocks.