

Warranty Bulletin

NO: 94-10A

DATE: October 1994

SECTION: 14

SUBJECT: STEERING ARM REPLACEMENT

Models	VINs		
"XL" and "Marathon" vehicles ----- 1984-1985	2P9L33409E1001696 up to 2P9L33406F1001902 inclusively, plus:		
	2P9L33406E1001638	2P9L33405F1001907	2P9L33403F1001923
	2P9R33405E1001639	2P9L33407F1001908	2P9L33407F1001925
	2P9L33404E1001640	2P9L33409F1001909	2P9L3340XF1001935
	2P9R33404E1001647	2P9L33407F1001911	2P9L33405F1001986
	2P9M33405E1001652	2P9L33400F1001913	2P9L33409F1001988
		2P9L3340XF1001904	
		2P9L33404F1001915	
		2P9L33400F1001989	
		2P9L33401F1001905	
		2P9L33408F1001917	

DESCRIPTION

On the above-mentioned vehicles, it is found that **repetitive** full-cramp dry-park-steer maneuvers during service brake application may develop cracks at steering arm surface.

In the long run, these cracks may cause the breaking of steering arm, resulting in a loss of vehicle control. In order to prevent this situation, the steering arm must be replaced according to the following procedure.

Note: This bulletin applies on vehicles equipped with series #16931 front axle. On this type of axle, the L.H. brake chamber bracket is fastened on the steering arm as illustrated in figure 1.

MATERIAL

Part No	Description	Qty
61-1076	Steering Arm	1
61-1064	Slotted Nut 1 1/8"-12	1
61-0107	Key	1
50-2115	Cotter Pin 3/16" x 2 1/2"	2

Note: Material can be obtained through regular channels.

PROCEDURE

Warning: Park vehicle safely over a repair pit, apply parking brake, stop engine and set battery master switches to the "OFF" position prior to working on the vehicle.

Prior to working under an air-suspended vehicle, it is strongly recommended to support the body at the recommended jacking points.

Note: The L.H. front wheel can be removed to ease procedure.

1. Working under front axle, identify the steering arm (if necessary, refer to figure).
2. Remove the cotter pin and the nut that fastens the steering arm to the drag link. Disconnect the steering arm. Discard pin but keep nut.
3. Remove the cotter pin, the nut and washer that fastens the steering arm and L.H. brake chamber bracket to the knuckle. Discard pin, washer and nut.
4. Remove the steering arm and its key from the knuckle. If necessary, tap on the end of the arm with a leather or plastic mallet to separate the arm from the knuckle.

Caution: All major components of the front axle are heat treated and tempered. The components cannot be heated without reducing the strength or life of the component which may cause a vehicle accident.

5. Press a new key (#61-0107) in the slot of the new steering arm (#61-1063), then install steering arm in the knuckle.
6. Fasten the steering arm and L.H. brake chamber bracket to the knuckle using a new nut (#61-1064). Do not reinstall washer. Tighten to 550-1025 lbf!ft (746-1389 N!m).
7. Install a new cotter pin (#50-2115). If necessary, tighten the nut until the holes are aligned. Do not loosen the nut to install the cotter pin.
8. Connect drag link to the steering arm. Secure using nut previously removed. Tighten to 160-300 lbf!ft (217-407 N!m).
9. Install a new cotter pin (#50-2115). If necessary, tighten the nut until the holes are aligned. Do not loosen the nut to install the cotter pin.
10. Install the L.H. front wheel (if applicable).

Note: After replacing a part on the front axle, it is a good practice to check the wear of axle components, steering gearbox poppet valve adjustment and the maximum pressure at which the power steering pump is working. Refer to the maintenance manual for detailed procedures and specifications.

DRIVING TIP

In order to maximize power steering pump service life, do not attempt to turn the steering wheel when the vehicle is stationary, and especially when service brakes are applied (wheel locking will oppose the effect of steering movement). Persisting in turning, or maintaining the steering wheel with an extra effort, could make the hydraulic system to work at the maximum pressure, and consequently, cause the hydraulic fluid to become overheated.

WARRANTY

This modification is covered by the manufacturer's normal warranty. We will reimburse you the parts and two hours (2.0) of labor upon receipt of a completed A.F.A. form on which you must specify as per "Warranty Bulletin 94-10".

SAFETY RECALL



PREVOST

**Safety Recall
Certification Sheet
(Ref: Sr94-10)**

ENREGISTRÉ - REGISTERED
ISO 9001 & ISO 14001



SERIAL NUMBER: _____

PERFORMED BY		OWNER/OPERATOR	
We hereby certify that Safety Recall Instructions with regard to Safety Recall #94-10 have been performed.			
Name: _____		Name: _____	
Addr: _____		Addr: _____	
Phone: _____		Phone: _____	
Fax: _____		Fax: _____	
Signature :	_____	Signature :	_____
Date:	_____	Date:	_____

If the information mentioned above is incorrect or you are not the owner of this vehicle anymore, please fill this section and return to sender..

NEW OWNER: _____

BUSINESS: _____

ADDRESS (including County): _____

TELEPHONE: _____ **FAX:** _____

**Please return this completed document with your
A.F.A. form**