



SAFETY RECALL

Sr09-09

ENREGISTRÉ - REGISTERED
ISO 9001 & ISO 14001



DATE : MAY 2009	SECTION : 14-STEERING
SUBJECT : INSPECTION AND REPLACEMENT OF DRAG LINK SPHERICAL PLAIN BEARING ROD END	

APPLICATION

Model	VIN
H3-41, H3-45 Coaches Model Year : 2010	2PCH33490AC711504 – 2PCH33492AC711505 – 2PCH33494AC711506 2PCH33496AC711507 – 2PCH33498AC711508 – 2PCH3349XAC711509 2PCH33496AC711510 – 2PCH33498AC711511 – 2PCH3349XAC711512
X3-45 Coaches Model Year : 2009	From 2PCG334949C729706 up to 2PCG334979C729747 incl.
This Safety Recall does not necessarily apply to all the above-mentioned vehicles, some vehicles may have been modified before delivery. The owners of the vehicles affected by this recall will be advised by a letter indicating the Vehicle Identification Number (VIN) of each vehicle concerned.	

DESCRIPTION

On vehicles affected by this recall, material that does not meet Prevost requirements may have been installed on the steering linkage of I-beam axle equipped vehicles. Drag link end opening being off-centered, this can reduce the wall thickness below tolerances.

In certain heavy loading conditions this defective part could break, resulting in a loss of steering control which could result in a crash. Inspect the above mentioned drag link end and replace if it is necessary.

For more information on this recall or technical assistance on how to perform this safety recall, please contact your service manager or the nearest service center.

MATERIAL

Part No.	Description	Qty
610991	Drag Link Spherical Plain Bearing Rod End	1
502104	Pin, Cotter 5/32 x 2	1

NOTE

Material can be obtained through regular channels.

PROCEDURE

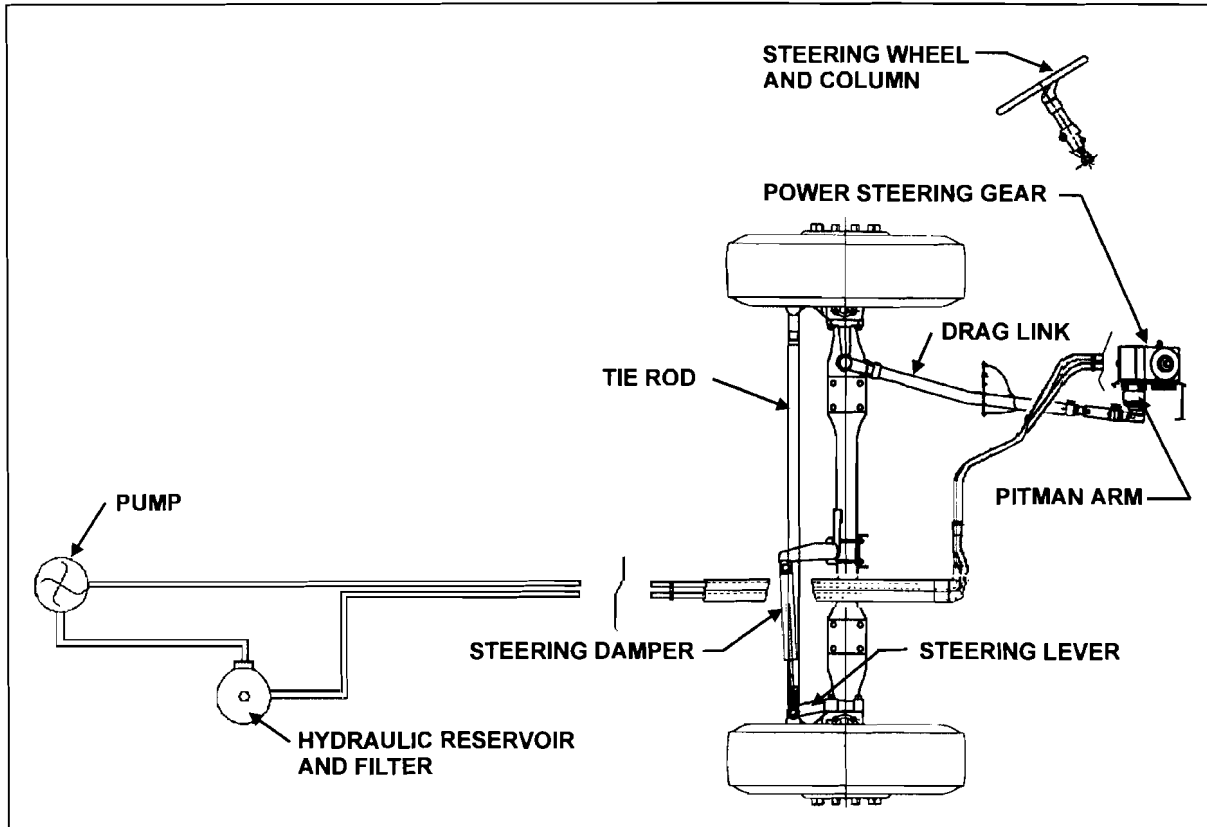


DANGER

Park vehicle safely, apply parking brake, stop engine and set battery master switch(es) to the OFF position prior to working on the vehicle.

INSPECTION

1. Raise vehicle.

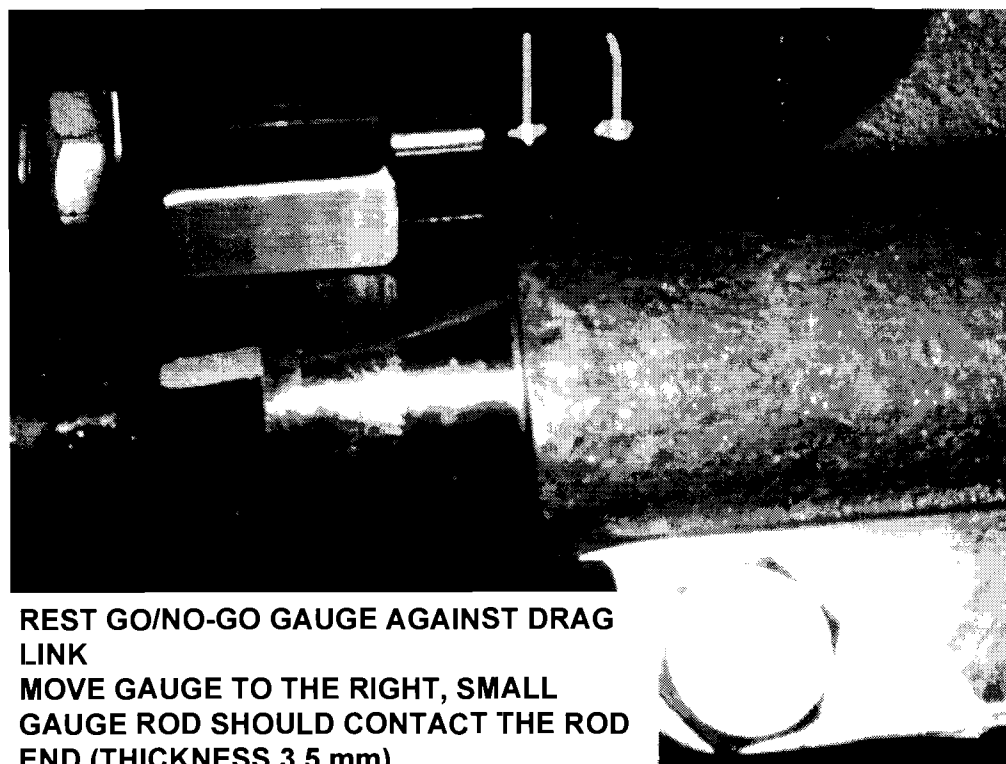


2. Clean drag link surface near the rod end and also spherical plain bearing rod end to ensure proper measurements
3. Use supplied go/no-go gauge to check wall thickness of the drag link spherical plain bearing rod end located near front L.H. side wheel. **Minimum wall thickness is 4 mm (0.158 inch or 5/32").** Measurement must be taken 10 mm (3/8") from rod end extremity.

NOTE

Control thin sections of part.

4. If measurement is outside tolerances, part 610991 must be replaced.

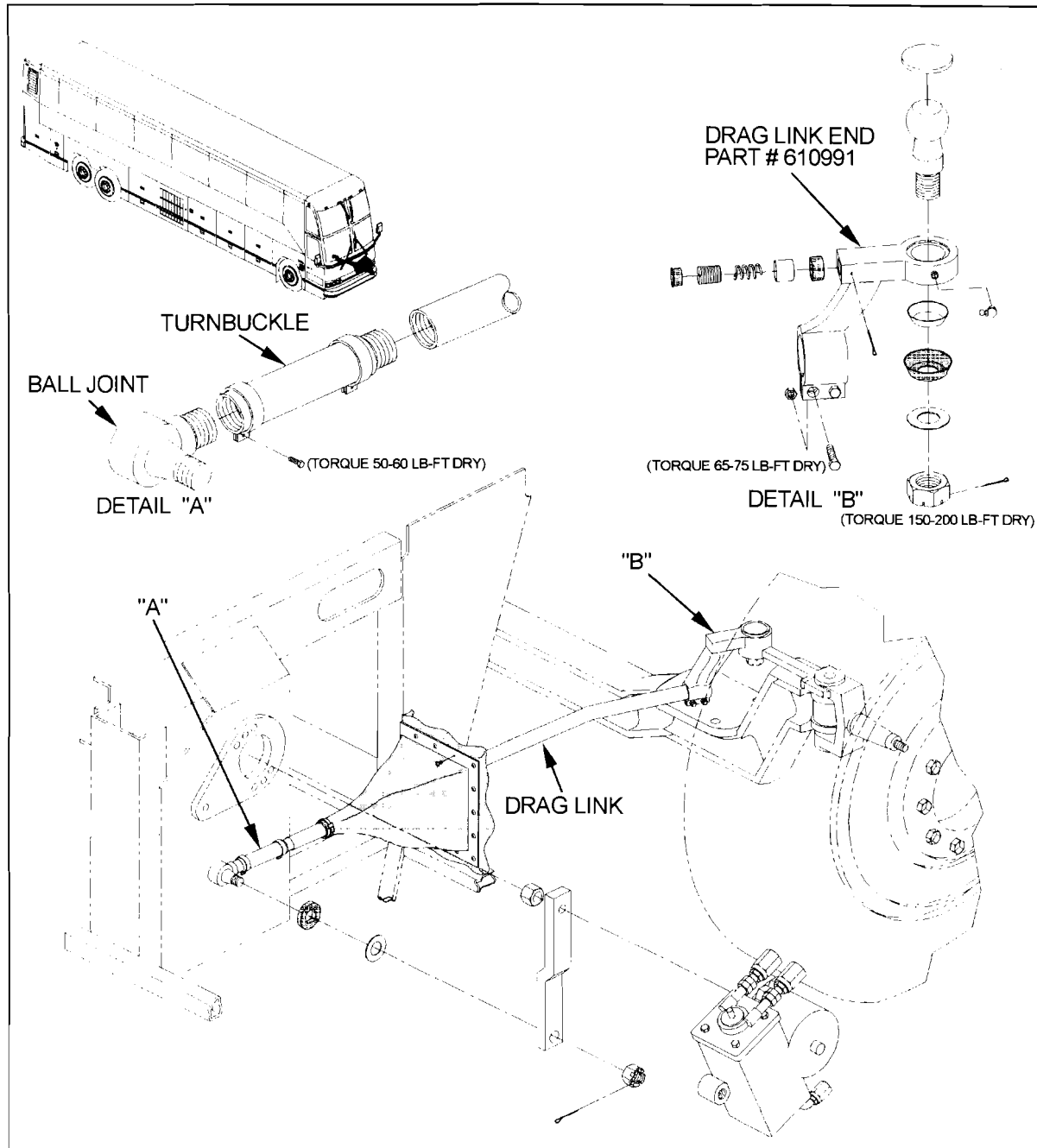


REPLACEMENT

1. At drag link spherical plain bearing rod end remove cotter pin from castle nut then remove castle nut.
2. Separate L.H. steering arm from ball joint.
3. Unfasten two pinching bolts from drag link end.
4. Unfasten drag link end from drag link.

NOTE

Count number of turns to unfasten drag link end from drag link to facilitate future installation.



5. Install new drag link end (610991). Fasten drag link end onto drag link the same number of turns as previously removed.

NOTE

Prior to new drag link end installation, apply some anti-seize (680335) into the rod end opening and onto drag link threads to facilitate future removal.

6. Reconnect steering arm to ball joint, torque tighten castle nut to 150-200 lb-ft dry.
7. Install new cotter pin (502104).
8. Torque tighten two drag link end pinching bolts to 65-75 Lb-Ft dry.

ADJUSTMENT

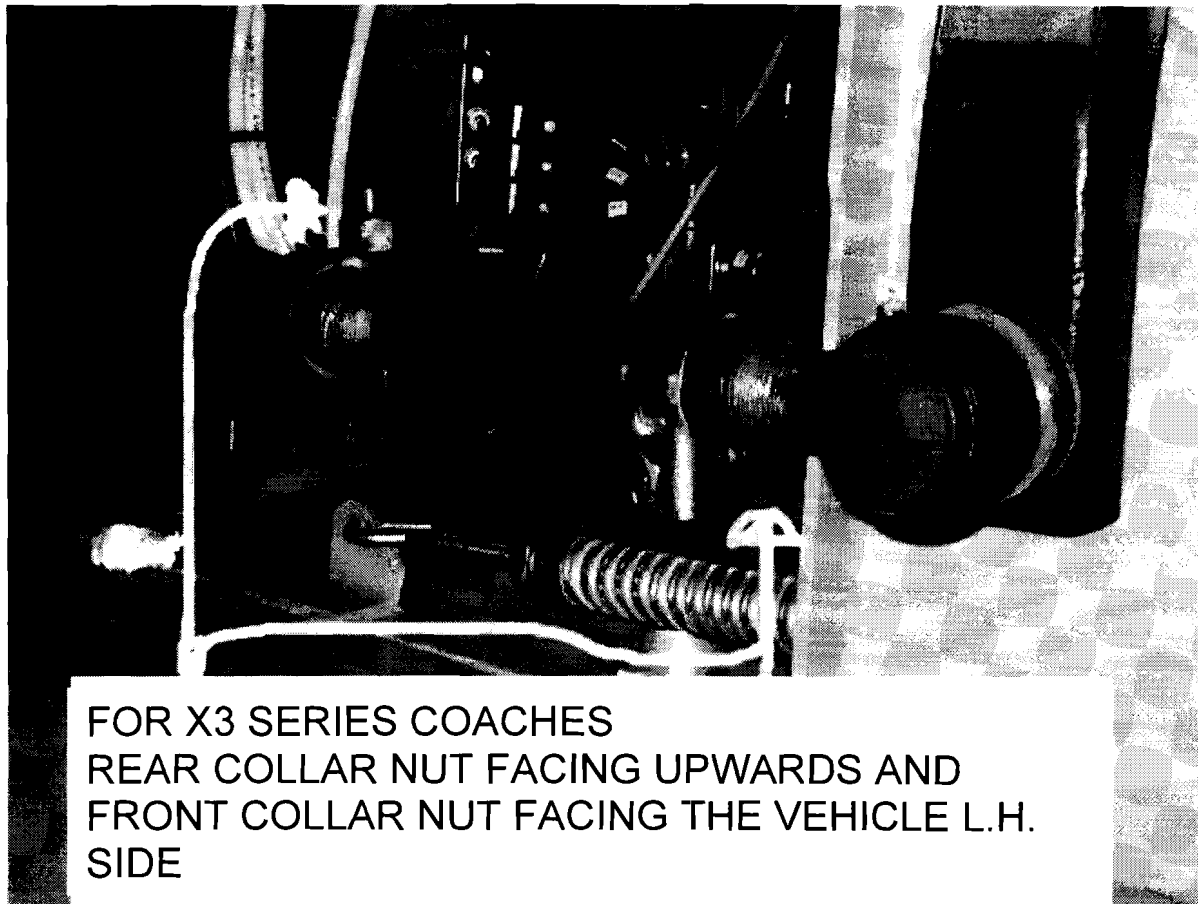
The front axle wheels facing forward and the steering gearbox being centered on reference mark, ensure that steering wheel is also centered.

If this is not the case, unfasten turnbuckle collar nuts on drag link and turn turnbuckle in order to center steering wheel. Retighten collar nuts to 50-60 Lb-Ft dry.



CAUTION

To prevent interference when reaching maximum steer angle, make sure to properly reposition turnbuckle collars.



FOR X3 SERIES COACHES
REAR COLLAR NUT FACING UPWARDS AND
FRONT COLLAR NUT FACING THE VEHICLE L.H.
SIDE



WARRANTY

PART A – INSPECTION

We will reimburse you half an hour (0.5) of labor for performing the inspection.

PART B – REPLACEMENT

We will reimburse you the parts and **two and a half hours (2.5) of labor per replaced rod end** upon receipt of the replaced parts and a completed A.F.A. form on which you must specify as per "Safety Recall 09-09". **You also have to fill the "Safety Recall Certification Sheet" provided with this bulletin and return it with your A.F.A. form to be reimbursed.**

Parts / Waste disposal:

Return replaced parts to PrevoSt with A.F.A. for full reimbursement.

Reimbursement is subject to parts inspection by PrevoSt.