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Revision B This document supersedes previous revisions.

December 23, 2015 Updated per comments. Added Step 1

SWAY BAR CLAMP HARDWARE REPLACEMENT

Prevost vehicles

DESCRIPTION

On the vehicles affected by this bulletin, replace the hardware on the sway bar clamps of the steer and drive axles.

MODEL YEAR(S) AND VEHICLES INVOLVED

NOTICE TO SERVICE CENTERS	
Verify vehicle eligibility by checking warranty bulletin status with SAP or via ONLINE WARRANTY SYSTEM available on Service / Warranty tab of Prevost website.	
Model	VIN
X3-45 Commuter Model Year : 2014, 2015	The following individual vehicles: 2PCG33495 <u>EC735590</u> ; 2PCG33498 <u>EC735602</u> And From 4RKG33497 <u>E9737001</u> up to 4RKG33494 <u>G9737121</u> incl.
This bulletin 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 bulletin will be advised by a letter indicating the Vehicle Identification Number (VIN) of each vehicle concerned.	

MATERIAL NEEDED

Order the following parts:

Part No.	Description	Qty
5001885	BOLT	16
5001695	NUT	16
500011	WASHER	16

Order the following parts:

Part No.	Description	Qty
630020	RUBBER BUSHING, TWO PART	1

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NOTE

Material can be obtained through regular channels.

TOOLS**RATCHET AND SOCKET SET – METRIC/SAE****ROTARY GRINDER TOOL****SCRAPER****PROCEDURE****DANGER**

Park vehicle safely, apply parking brake, stop engine. Prior to working on the vehicle, set the ignition switch to the OFF position and trip the main circuit breakers equipped with a trip button. On Commuter type vehicles, set the battery master switch (master cut-out) to the OFF position.

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1. Create some working room by removing splash guards on both sides of the front axle.

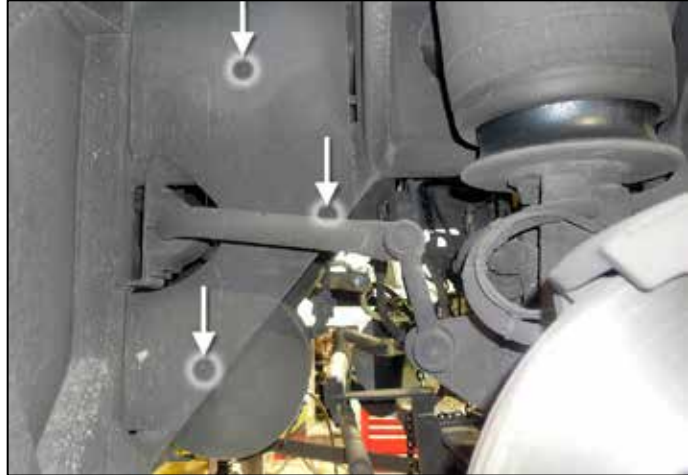


Figure 1

2. On the front steer axle *and* rear drive axle, clean the sway bar clamps around the upper bolts.
3. Perform a thorough visual inspection of the contact surfaces between the sway bar clamps and the frame support. (arrows, Fig.2)

Remove any debris or gravel guard accumulation interfering with the contact surface between the clamp base and structure.

In some cases, (circle, Fig. 2) the support weld in the upper section may prevent proper contact of the clamp with the mounting surface. Refer to following steps.

Inspect the rubber bushing for damage.



Figure 2

4. IF CLAMP CONTACT IS OK.

Do not re-use hardware. Discard bolts nuts and washers

Replace with new bolts, nuts and washers one at a time. (fig. 3)

Confirm proper washer orientation before tightening. See fig. 4.

*All surfaces in contact with washer must be **clean and free from debris**.*

Replace any damaged bushing with a new #630020

Tighten bolts two times.

1st: **50lbf-ft**

2nd: **90lbf-ft**

Tighten bolts in the following sequence:

- **Lower** bolt
- **Upper** bolt
- **Lower** bolt
- **Upper** bolt

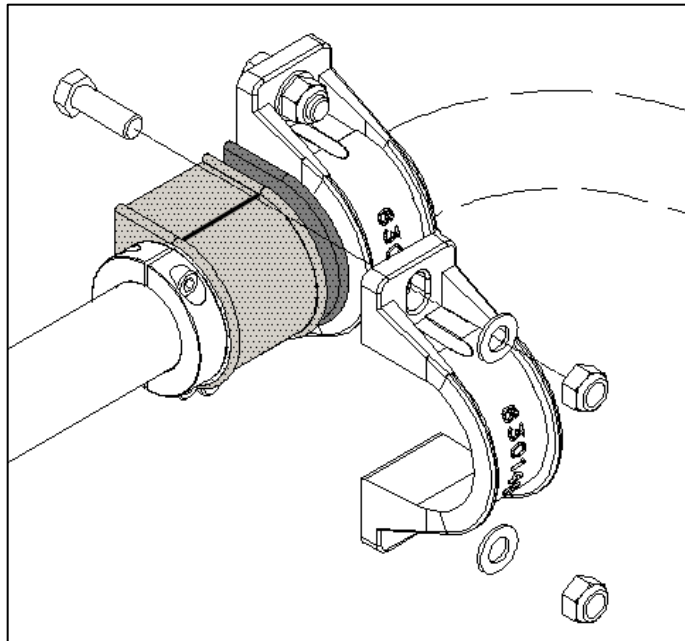


Figure 3



Figure 4

5. IF CONTACT SURFACE NEEDS RE-WORK:

Remove the sway bar *clamps*

Do not re-use hardware. Discard bolts nuts and washers

Clean the contact area to remove debris, and gravel guard.

Remove any welding projection by grinding.

No grinding above the contact area. (Fig.5). Only grind *inside* the contact area.

Replace any damaged bushing by a new #630020.

Re-install clamp with new bolts, nuts and washers one at a time.

Confirm proper washer orientation before tightening. See fig. 4.

*All surfaces in contact with washer must be **clean and free from debris**.*

Tighten bolts two times.

1st: **50lb-ft**

2nd: **90lb-ft**

Tighten bolts in the following sequence:

- **Lower bolt**
- **Upper bolt**
- **Lower bolt**
- **Upper bolt**



Figure 5

PARTS / WASTE DISPOSAL

Discard waste according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)

ESTIMATED TIME

The time required to perform this special bulletin is approximately two hours.

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OTHER

VBC Bulletin	N/A
Fail Code	16.06
Defect Code	09
System Condition	B
Causal Part	630145

Prevost engages in a continuous program of testing and evaluating to provide the best possible product. Prevost, however, is not committed to, or liable for updating existing products.