

Special Bulletin

SP16-300B

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Revision B This document replaces all previous releases

April 05, 2016 Removed F-7000 (Sales Demo)

CAC TUBE HANGER REPLACEMENT

Prevost vehicles

DESCRIPTION

On the vehicles affected by this bulletin, improvement of a Charge Air Cooler tube support is required.

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 : 2015, 2016	The following individual vehicle: 4RKG33493 <u>G9737210</u> And from 4RKG33499 <u>F9737002</u> up to 4RKG33495 <u>G9737208</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 kit 050013 which includes the following parts:

Part No.	Description	Qty
032540	SLEEVE	3
050009	RUBBER	1
050012	SADDLE	1
053026	PLATE	1
5001499	SCREW	1
502837	NUT	3
504580	CLAMP	2

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NOTE

Material can be obtained through regular channels.

SPECIAL TOOLS

NO SPECIAL TOOLS ARE REQUIRED FOR THIS PROCEDURE.

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.

1. Locate this support (arrow, fig. 1) along the top charge air cooler line in the engine compartment.

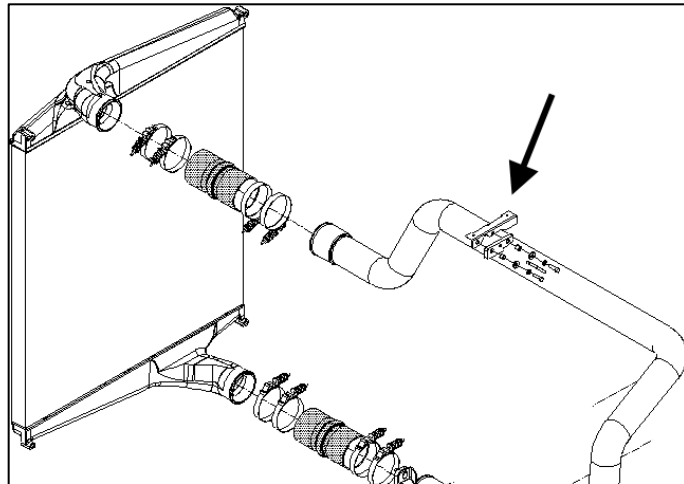


Figure 1

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2. Remove the outer nut and washer. Discard hardware.

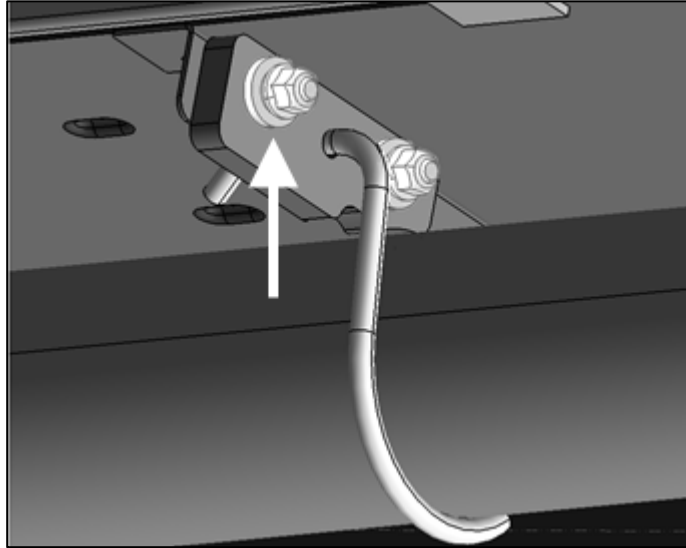


Figure 2

3. Cut the support rod at indicated location in Figure 4

CAUTION:

Be careful not to cut into the CAC pipe. Remove sharp edges on the support rod with a file.

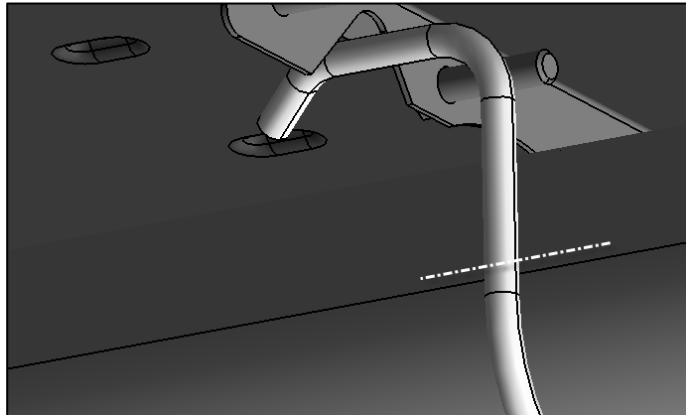


Figure 3

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4. Remove the inner nut, washer and rubber damper. Discard hardware.

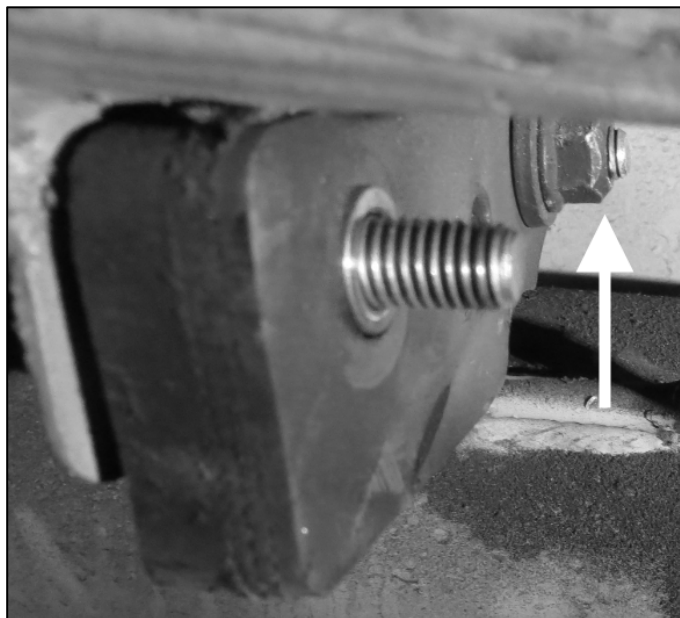


Figure 4

5. Discard the old sleeves.

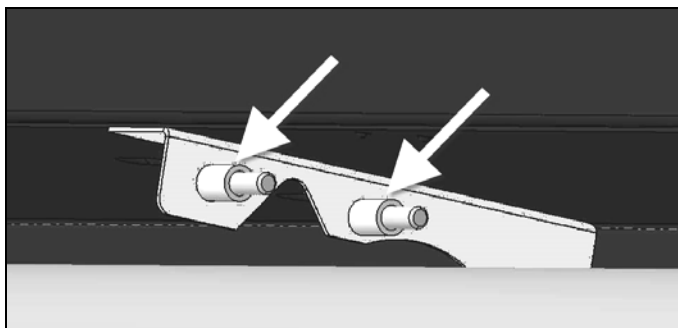


Figure 5

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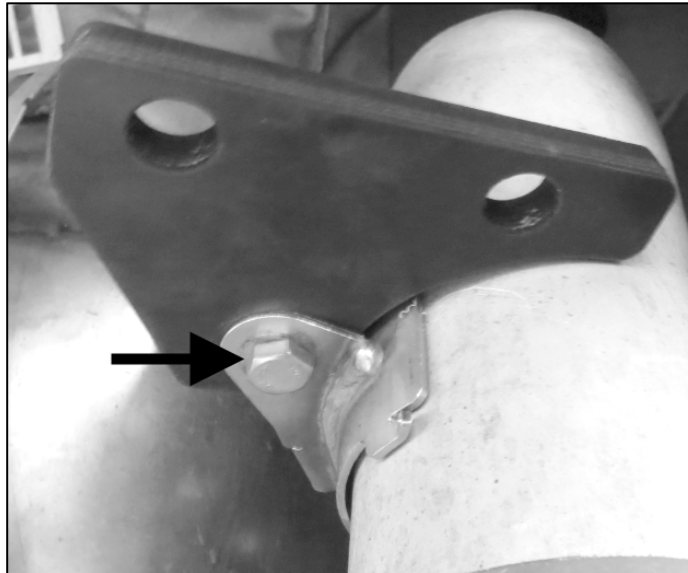
6. Install sleeve **#032540** in the lower hole of the new rubber damper **#050009**.
7. Assemble in saddle **#050012** with screw **#5001499**, nut **#502837**. Do not tighten yet.

Align saddle and rubber damper on an easily accessible section of CAC pipe.

Proceed to final tightening while holding parts.

Torque to **16lbf-ft**

Check alignment after tightening.



8. Install two new sleeves **#032540** on existing bracket studs.

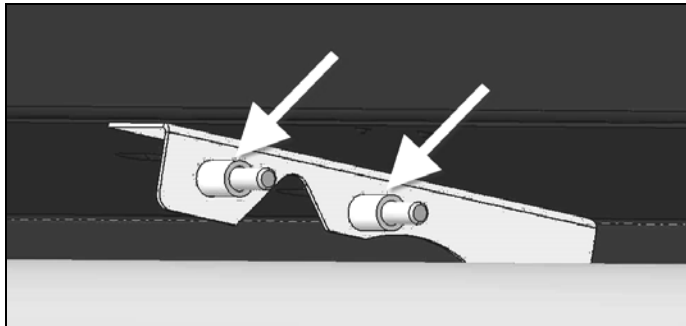


Figure 6

9. Slide assembled saddle and damper in place on CAC pipe and bracket.

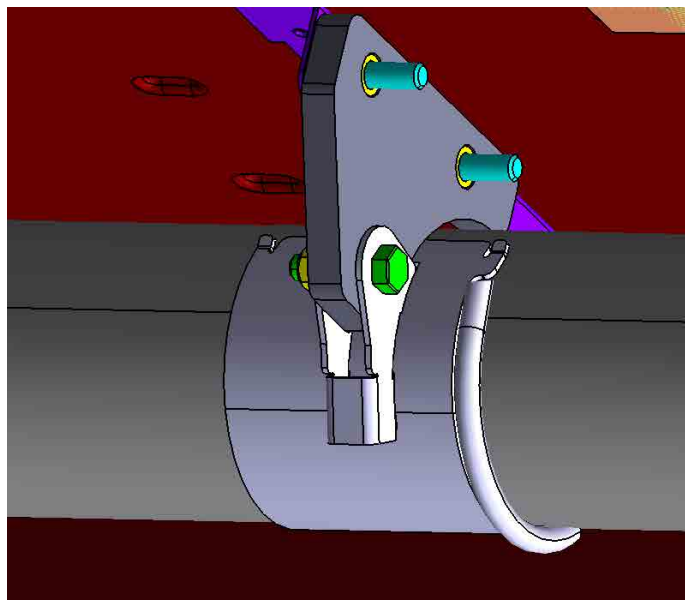


Figure 7

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10. Place plate #053026 over the support studs.

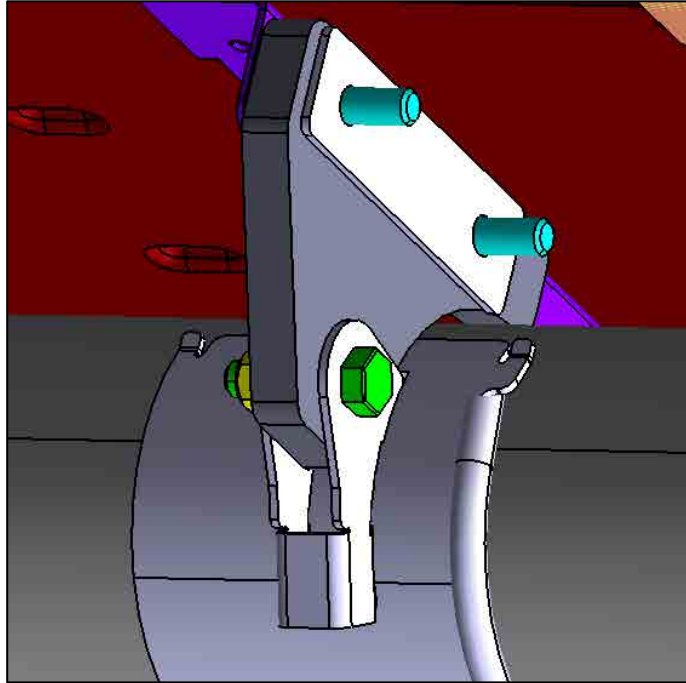


Figure 8

11. Install nuts #502837.

Tighten to **16 lb-ft.**

Add torque seal mark to all bolts.

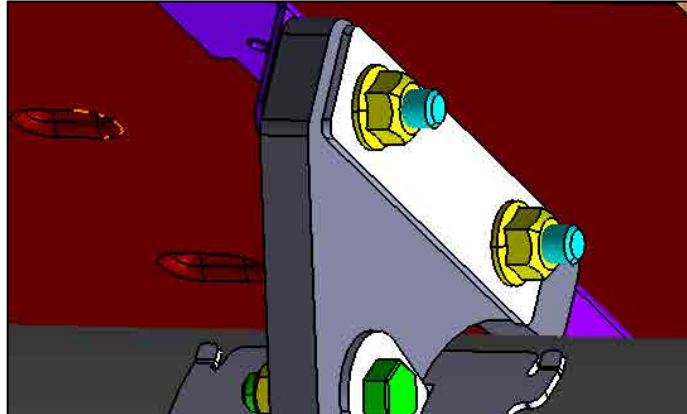


Figure 9

- Install the two tube clamps #504580 as shown. Collar drive screw should be horizontal to allow easy access.

Tighten to **8 lb-ft.**

Add torque seal mark to both clamps.

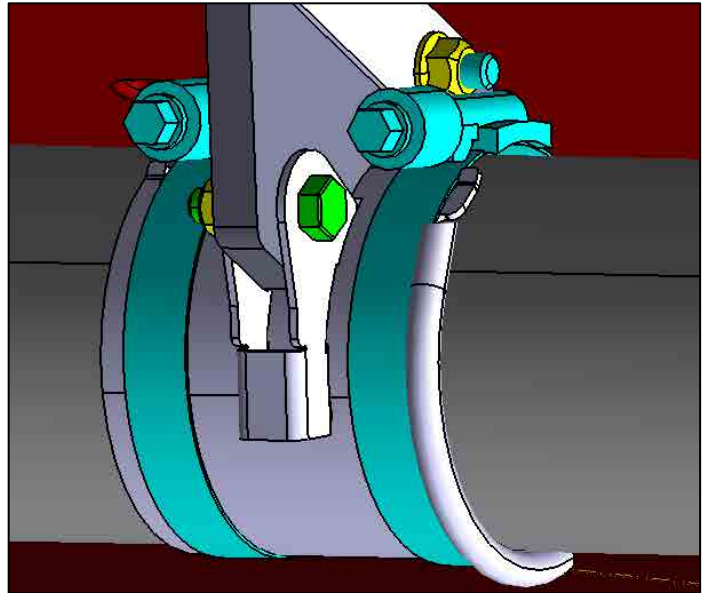


Figure 10

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 (2h).

OTHER

VBC Bulletin	N/A
Fail Code	05.06
Defect Code	09
System Condition	B
Causal Part	053101

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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.