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Revision A This bulletin supersedes previous versions  
 Feb 2014 Added vehicles.

## TITLE: CAC TUBE SUPPORT IMPROVEMENT – FIX AS FAIL Prevost vehicles

### DESCRIPTION

On the vehicles affected by this bulletin, improvement of a Charge Air Cooler tube support is required. *This is a “Fix as Fail” bulletin, repair only the vehicles showing a cracked CAC tube.*

### MODEL YEAR(S) AND VEHICLES INVOLVED

NOTICE TO SERVICE CENTERS	
Verify vehicle eligibility by checking warranty bulletin status with <b>SAP</b> .	
Model	VIN 
X3-45 Commuter Model Year : 2012	2PCG33495 <u>CC735053</u> up to, including 2PCG33495 <u>CC735232</u>
X3-45 Coaches Model year: 2011, 2012, 2013	GLI vehicles only From 2PCG33491 <u>BC735050</u> up to 2PCG33498 <u>DC735369</u>
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

Kit 053032 includes the following parts.

Part number	Description	Quantity
053026	Plate	1
053027	Rubber pad	1
053030	Support assy	1
502837	Flange Nut. M8	3
504562	Clamp, 3.5”	2
5001499	Cap screw M8 X 30, SS	1

### OTHER MATERIAL REQUIRED

Part number	Description	Quantity
21021850	V-band clamp	2
21095726	Gasket, V-band clamp	2
-----	Permatex 454G <b>or</b> Loctite 76764 silver grade anti-seize compound	1

## PROCEDURE



### DANGER

Park vehicle safely, apply parking brake, stop engine. In the battery box, set the battery cut-off switch to the OFF position prior to working on the vehicle.

First create working space and proper access by removing DPF/ DOC assembly.

## DIESEL PARTICULATE FILTER ASSEMBLY REMOVAL

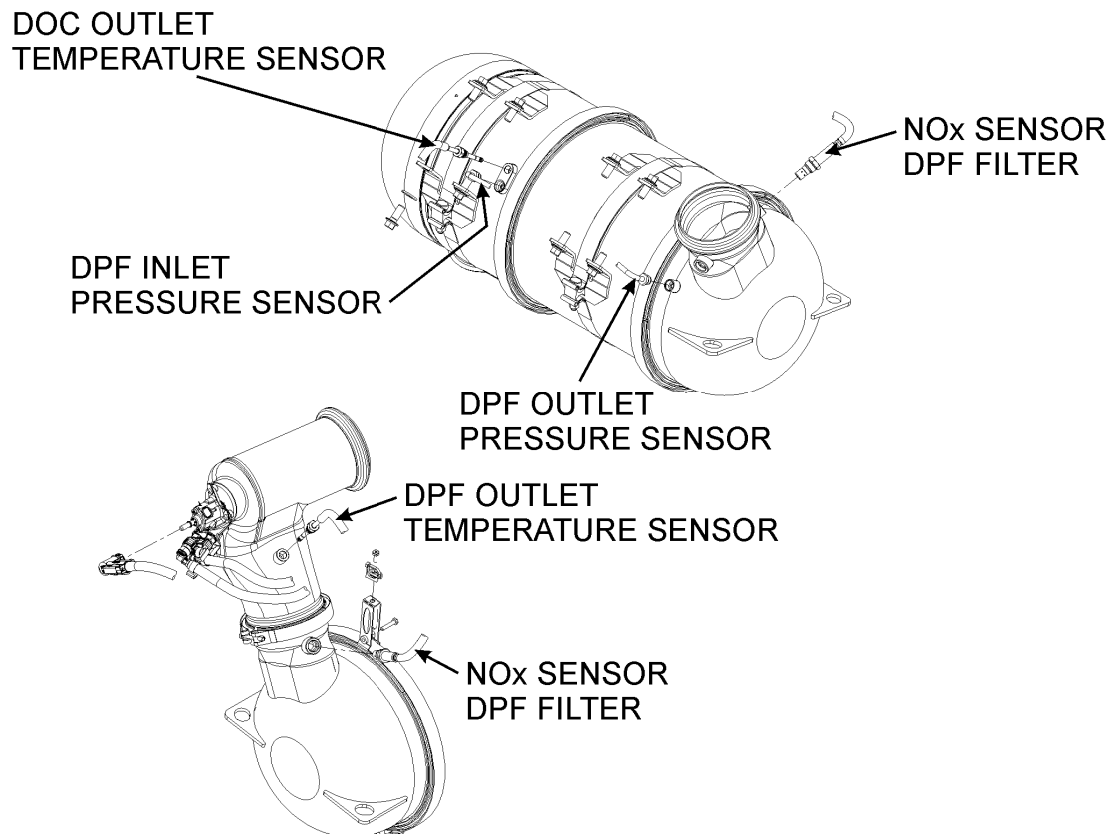


### CAUTION

External and internal temperatures remain hot long after engine has been shut down. Allow the Exhaust Aftertreatment System to cool before handling. Wear protective clothing and glove while servicing.

To remove the DPF assembly, proceed as follows:

1. First, open the engine compartment doors;
2. Put insulating blanket aside;
3. Remove heat guard
4. Disconnect pressure, temperature and NOx sensors. Refer to image below to locate components.



5. Unfasten V-band clamps at inlet and outlet of filter assembly. Discard clamps and gaskets.



## CAUTION

### HEAVY DEVICE

A suitable lifting or holding device is required. Properly support and attach lifting equipment to prevent the DOC and DPF assembly from falling when servicing.

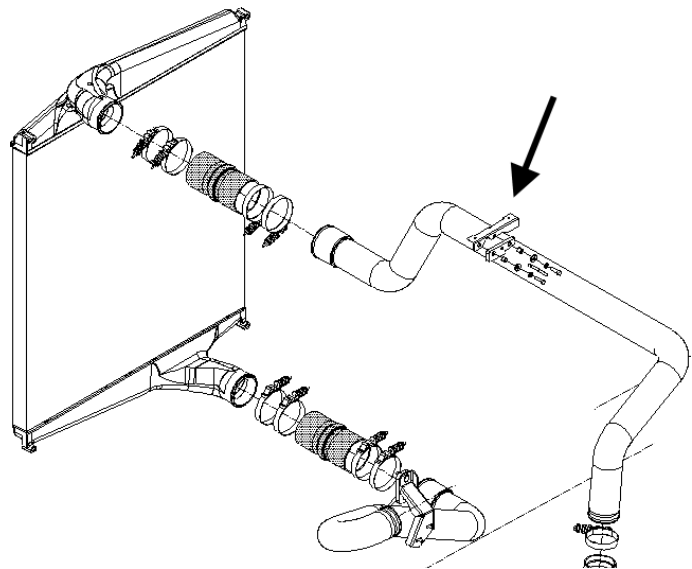
6. Support Diesel Oxidation Catalyst (DOC) and Diesel Particulate Filter (DPF) assembly;

7. Unfasten straps holding DOC and DPF assembly;

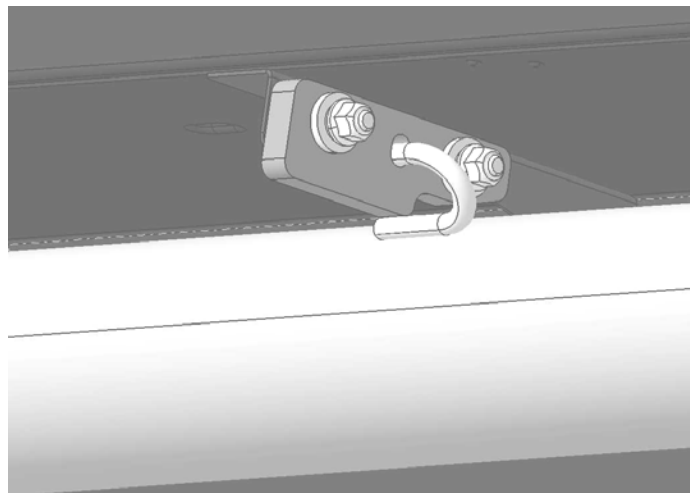
8. Carefully lower DOC and DPF assembly;

### CAC TUBE SUPPORT REPLACEMENT

Locate this support along the top charge air cooler line in the engine compartment.

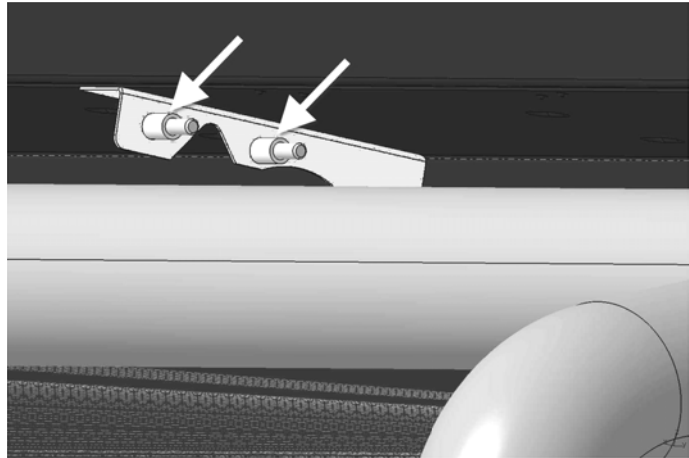


- 1) Remove the nuts and rubber damper. Discard parts.



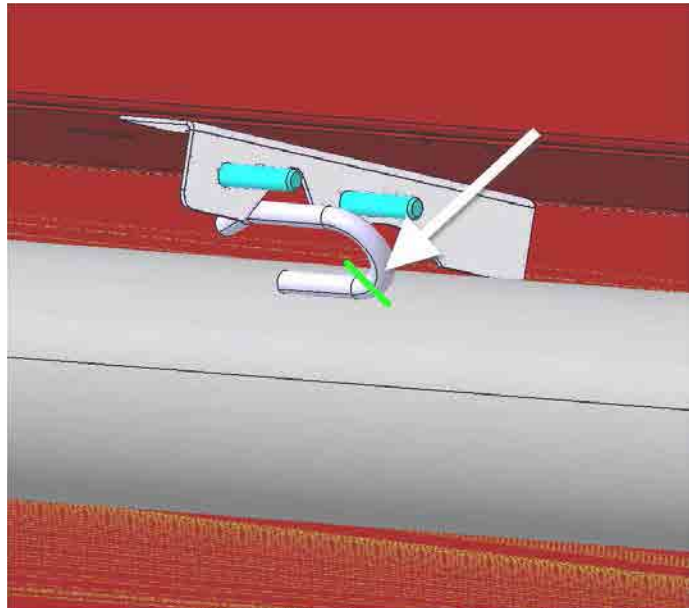
- 2) Remove the sleeves. Keep one sleeve for re-install.

Discard the other one.



- 3) Cut the metal hook on the CAC tube. Cut at the location where solder ends.

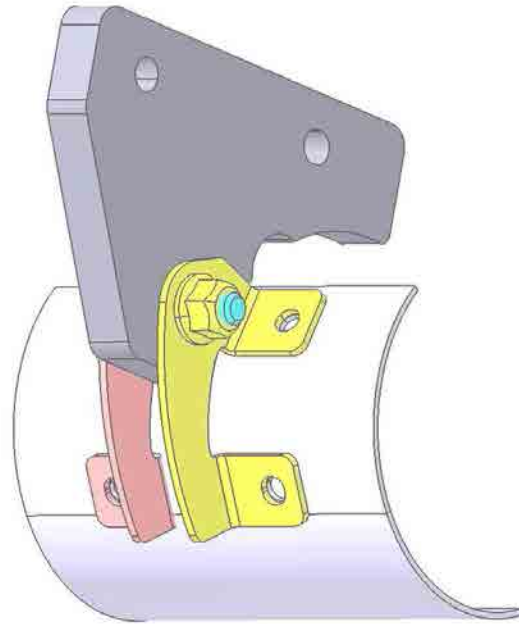
Leave the remaining soldered rod on the tube.



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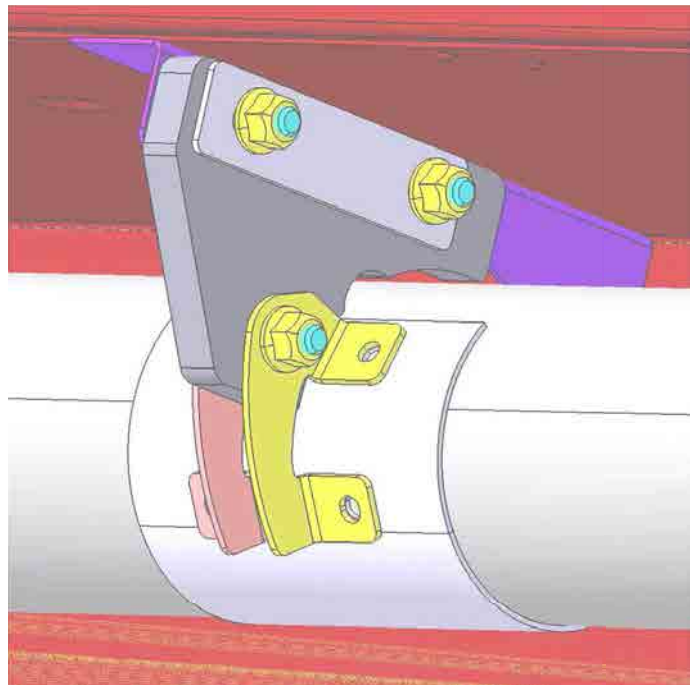
- 4) Insert small tube reserved earlier and insert in the new rubber support.

Assemble new rubber piece and support with bolt and nut. Coat threads with Anti-seize compound. Tighten to 16 lb-pi.



- 5) Install on vehicle. Place small plate as shown under flanged nuts. Use supplied flanged nuts for assembly.

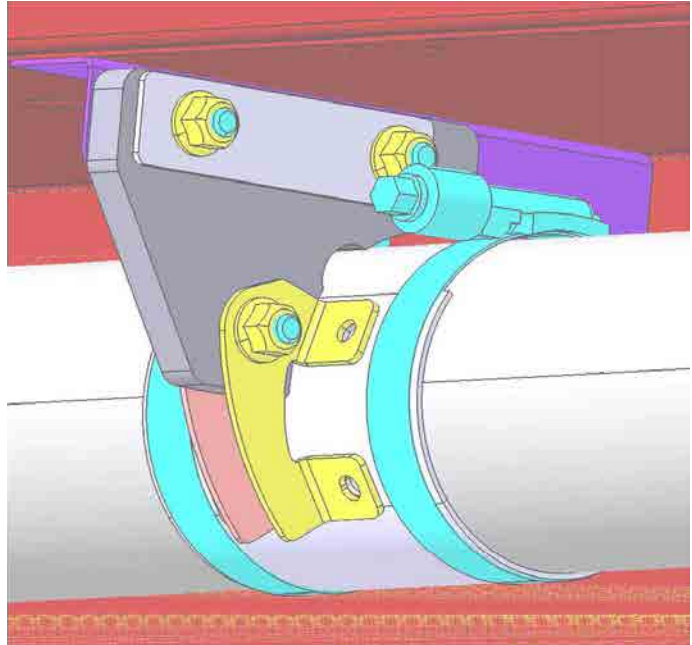
Coat threads with anti-seize compound. Tighten to 16 lb-pi.



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- 6) Install the two tube collars as shown. Collar drive screw should be horizontal to allow easy access.

Tighten collars to 8 lbs/pi



## DIESEL PARTICULATE FILTER ASSEMBLY REINSTALL

Refer to torques provided in images below.

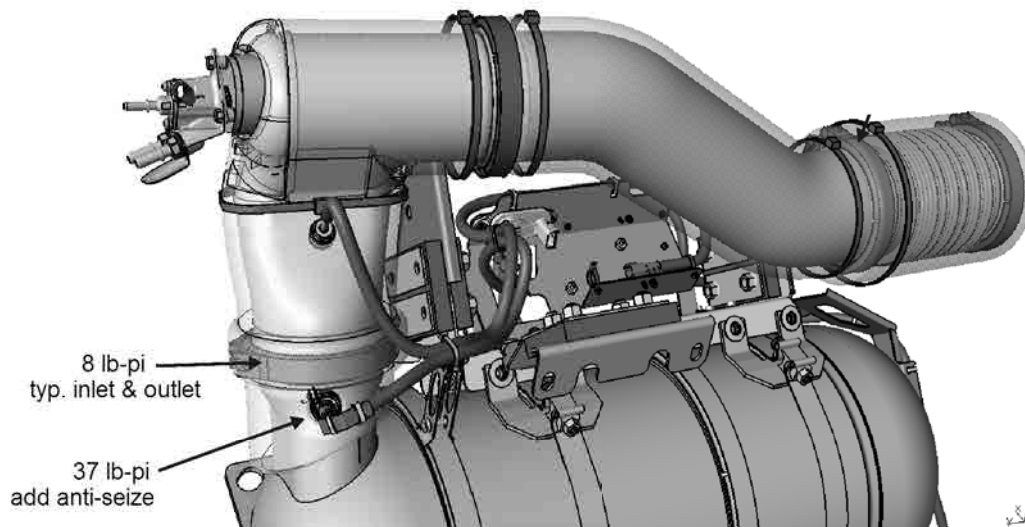


### CAUTION

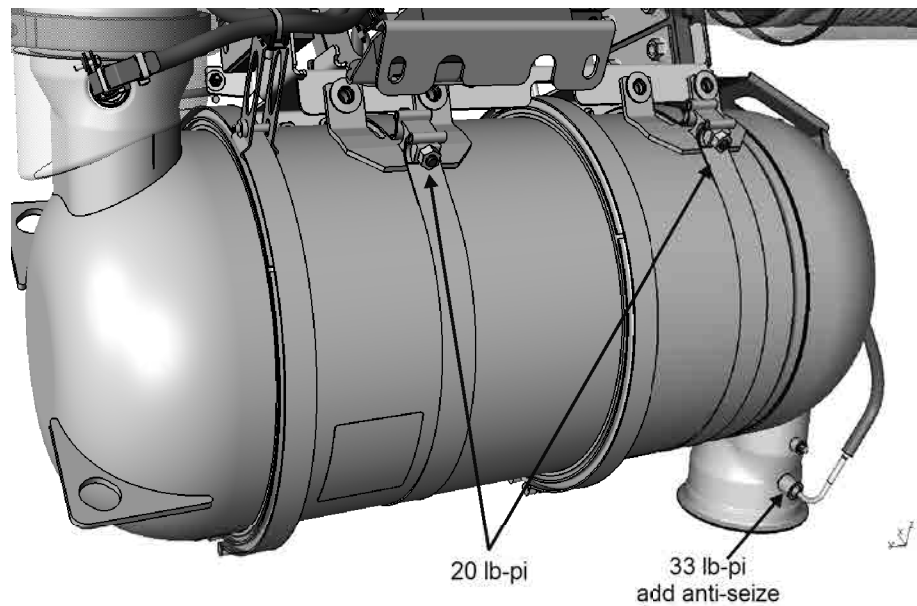
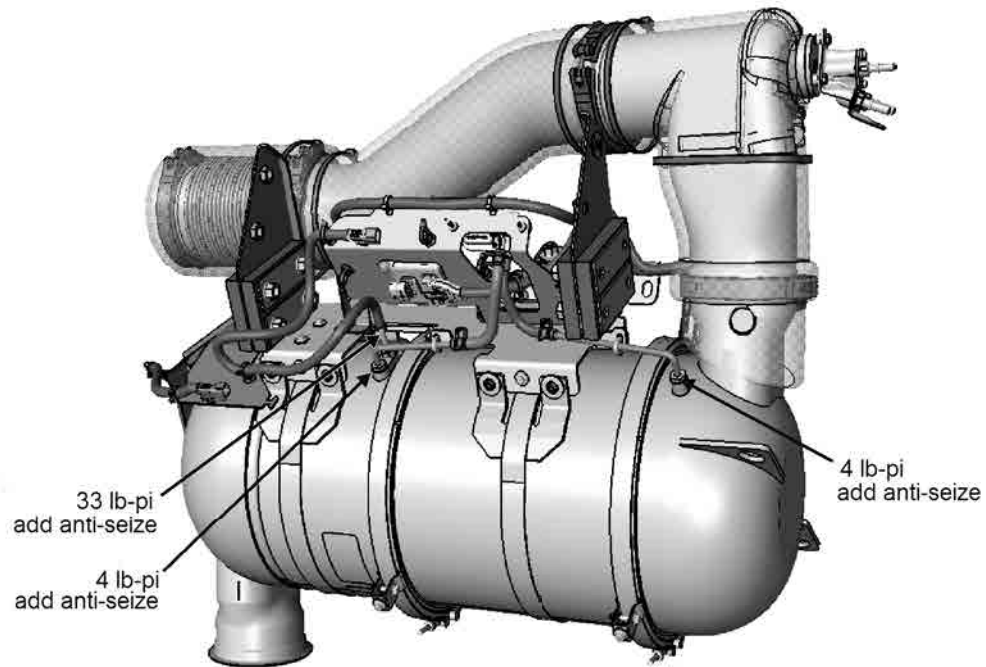
#### HEAVY DEVICE

A suitable lifting or holding device is required. Properly support and attach lifting equipment to prevent the DOC and DPF assembly from falling when servicing.

1. Support Diesel Oxidation Catalyst (DOC) and Diesel Particulate Filter (DPF) assembly during reinstallation;
2. Reconnect pressure, NOx and temperature sensors; assemble with anti-seize compound Permatex 454G anti-seize lubricant or Loctite 76764 silver grade anti-seize. Refer to images below for torque specifications.
3. Clean the sealing surfaces on the inlet and outlet pipes. Install a new V-Band clamp and gasket. Refer to images below for torque specifications.
4. Fasten straps holding DOC and DPF assembly; Refer to images below for torque specifications.
5. Put insulating blanket back.
6. Inspect for exhaust leaks.



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## PARTS / WASTE DISPOSAL

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

## ESTIMATED TIME

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The time required to perform this special bulletin is approximately four hours. (4.0 h).

## OTHER

VBC Bulletin	N/A
Fail Code	01.02
Defect Code	09
System Condition	B
Causal Part	052952

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.