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C12 CONNECTOR IMPROVEMENT

Prevost vehicles

DESCRIPTION

On the vehicles affected by this bulletin, replace connector C12 installed inside the DPF access door with an improved version providing a better seal.

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	Fleet Number
X3-45 Commuter Model Year :2014 - 2016	The following vehicles 2PCG33495 <u>EC735590</u> , 2PCG33498 <u>EC735602</u> . And from 4RKG33499 <u>F9737002</u> up to 4RKG33491 <u>G9737299</u> incl.	From 2490 up to 2789, 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
562581	CONNECTOR / DT SERIES / SOCKET HOUSING 6C / GRAY	1
562583	CONNECTOR / DT SERIES / PIN HOUSING 6C / GRAY	1

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Depending on vehicle condition, parts that may be required:

Part No.	Description	Qty
504637	CABLE TIE / 3/16" x 13"	A/R
509815	FIR TREE MOUNT CABLE TIE BASE	2
564108	CLIP-ON CONNECTOR MOUNTING – FIR TREE MOUNT	1
561608	SOCKET TERMINAL / 18-16	6
562286	PIN TERMINAL / 18-16	6
562582	SECONDARY LOCK / DT SERIES / Socket housing 6C	1
562584	SECONDARY LOCK / DT SERIES / Pin housing 6C	1

NOTE

Material can be obtained through regular channels.

TOOLS

CRIMPING TOOL "DEUTSCH"
682447



EXTRACTOR "DEUTSCH", 20 SIZE
682321



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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. At the rear of the vehicle, locate and open DPF access door.(Figure 1)

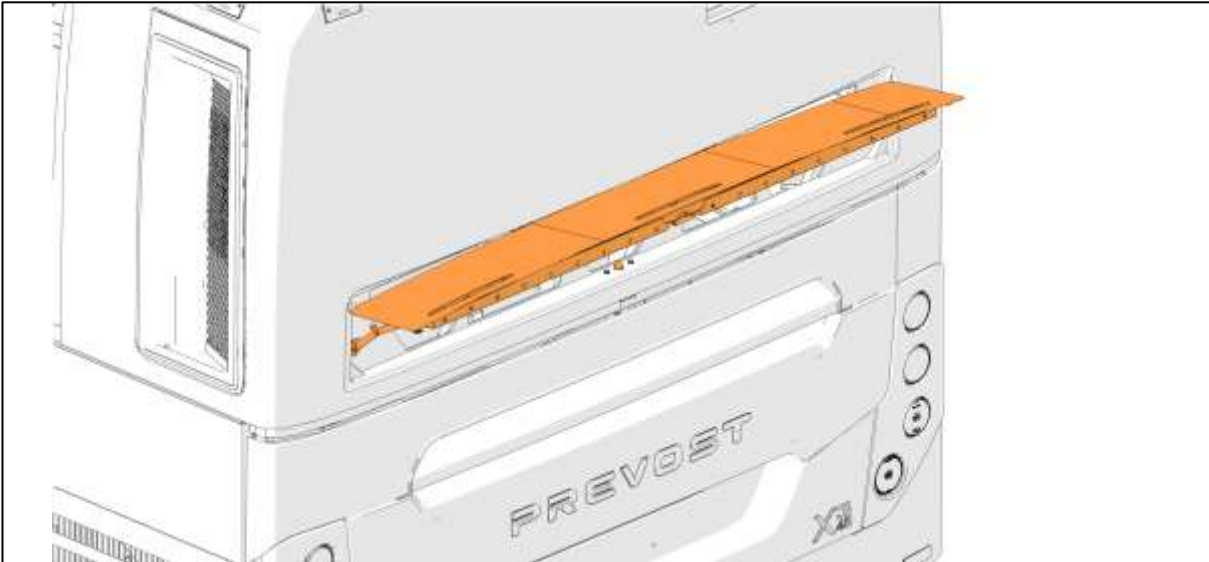


Figure 1: Overview

2. Connector pair C12 is located on the door's upper section, near the left hinge. (Figure 2)

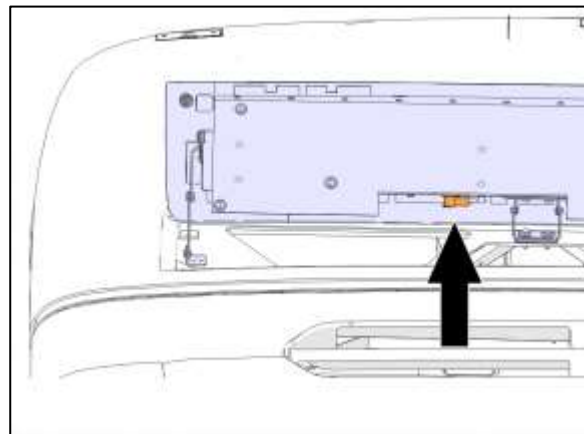


Figure 2: C12 location

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- Unplug connector pair C12. (Figure 3)
Cut any cable ties.

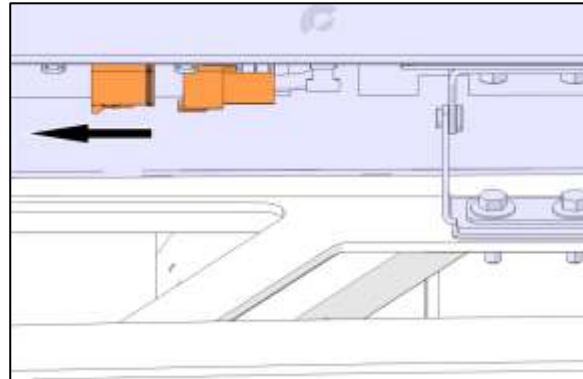


Figure 3: C12 Connector Pair

- Under the connector, depress the clip-on mounting locking tab with a small screwdriver. (Figure 5)

Slide pin housing connector off the clip-on mounting. (Figure 3)

To keep the same cable tie arrangement, take a few pictures or write down detailed notes.

If clip-on mounting or cable tie base is damaged, replace by new.

564108 CLIP-ON MOUNTING

509815 CABLE TIE BASE

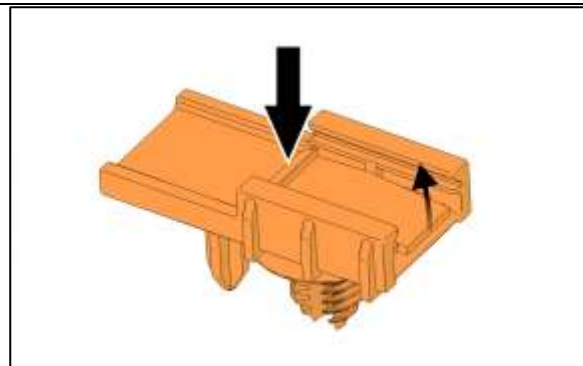


Figure 4 Detail: Clip-On Mounting

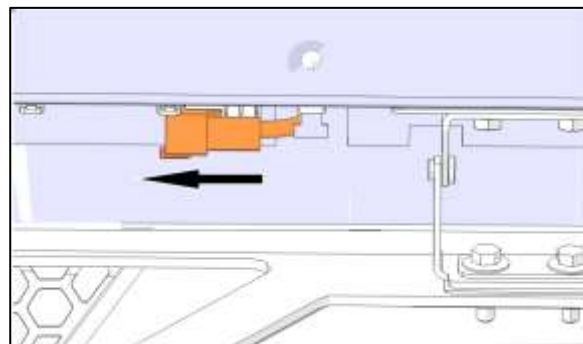


Figure 5: Removing Pin Housing Connector

- Inspect for heat damage to the pins and secondary lock
If damaged, replace by new. Use extractor 682321 and crimping tool 682447.

561608 SOCKET TERMINAL

562286 PIN TERMINAL

562582 SECONDARY LOCK (Socket)

562584 SECONDARY LOCK (Pin)

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6. Re-install connector pair on door.(Figure 6)
7. Secure connector and cables with new cable ties using the same arrangement noted earlier.

504637 CABLE TIE / 3/16" x 13"

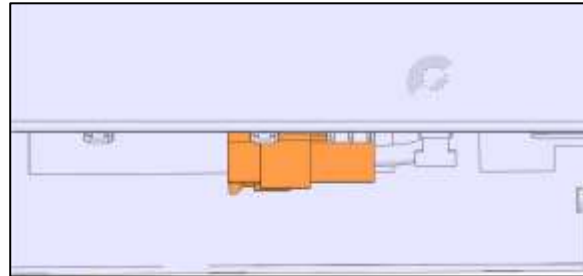


Figure 6

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 0.5 hour.

OTHER

VBC Bulletin	N/A
Fail Code	06.15
Defect Code	09
Syst. Cond	B
Causal Part	067665

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