

Special Bulletin

SP18-305A

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	08.2018	08.2020	2	1(6)
Revision: A	Changed figure 7; Added Note to updated step 6; Added step 12 door testing.		2018-08-22	

DOUBLE DOOR LATCH PINS

Prevost vehicles

DESCRIPTION

On the vehicles affected by this bulletin, apply thread locker on the double door latch pins internal threads.

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 - 2015	The following individual vehicles: 2PCG33495 <u>EC735590</u> ; 2PCG33498 <u>EC735602</u> , And from 4RKG33497 <u>F9737001</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.		

MATERIAL NEEDED

Order the following parts:

Part No.	Description	Qty
685072	Thread Locker Loctite #243 / Blue / 5ml	1
-	Torque Seal Paint Tube, Yellow	1

NOTE
Material can be obtained through regular channels.

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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) Remove inside panel above entrance door.(Figure 1)

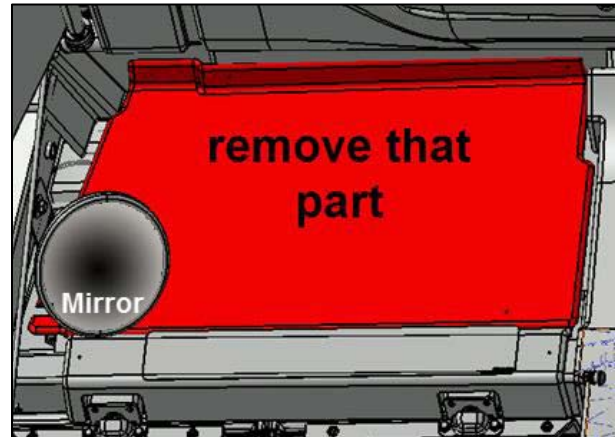


Figure 1: Access panel removal from inside.

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- 2) Locate the front entrance door on the vehicle.(Figure 3)
- 3) Release air on the door mechanism.



Figure 2

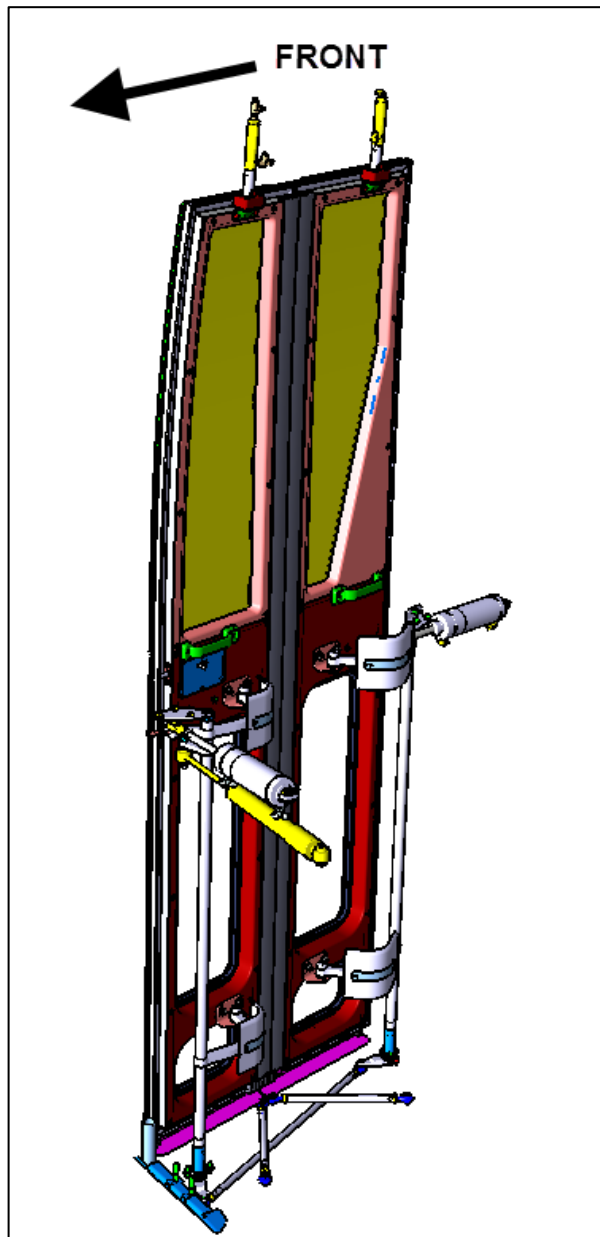


Figure 3: door assembly

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- 4) The latches are located above the door (Figure 4) and are composed of air cylinders (4), receptacles (3) and treaded pins (2). There is one latch for each door pane.

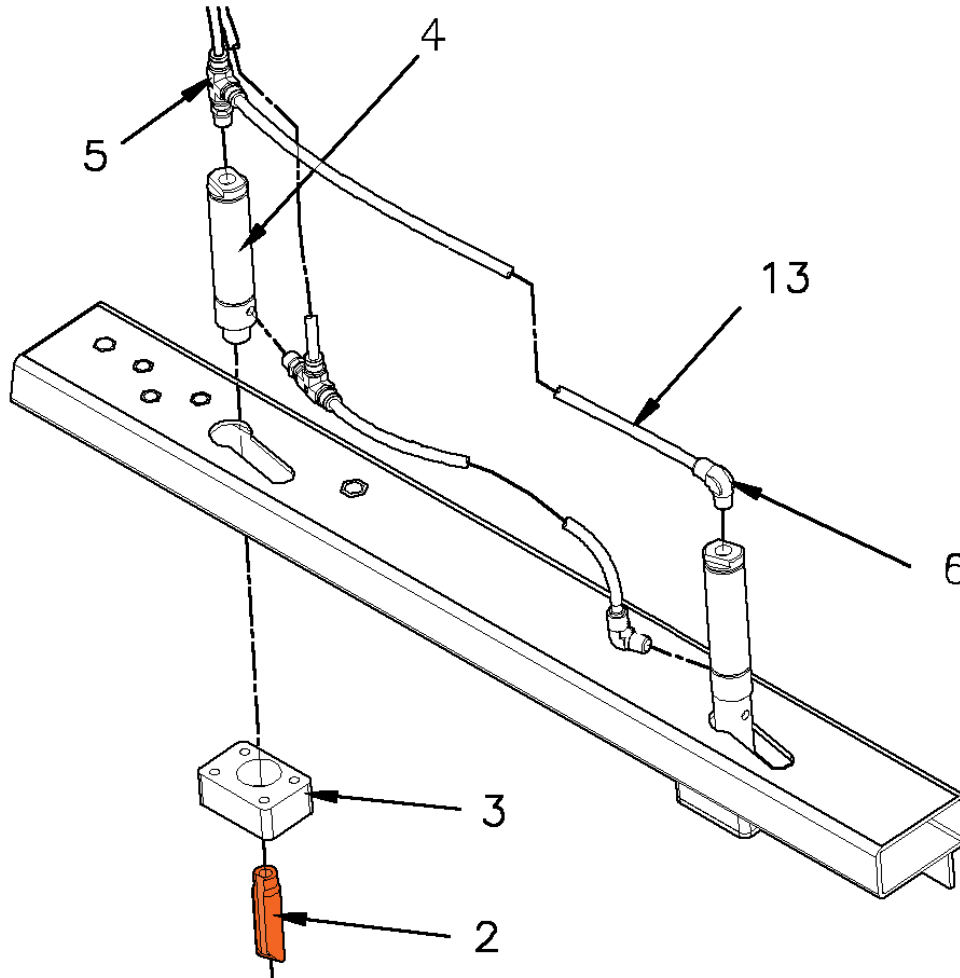


Figure 4: Latch assembly, pin and air supply.

- 5) Unplug hose (item 13 in Figure 4) and top fittings (items 5 and 6 in Figure 4).

Note: Only remove the top fittings and hose between the cylinders (Figure 5).

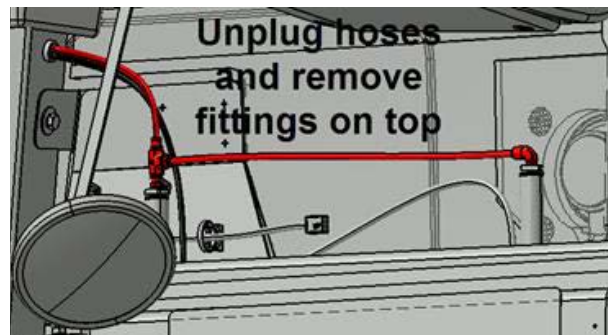


Figure 5: Removing air supply

- 6) Release the latch pins by turning the cylinder rod with a flat head thin screwdriver by the top port of the cylinder. See note below.

Note: If the pin is tight and does not release with average force and applying additional force may damage or strip the slot inside the cylinder, most likely Loctite has been applied previously and has properly locked the threads. Do not insist on removal. Do not remove the pin to avoid damaging the slot. Confirm pin is not loose at all and apply a torque seal mark on the top cylinder fittings.

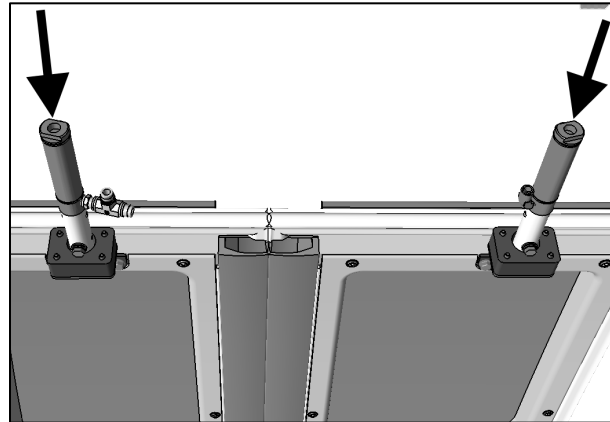


Figure 6: Latch removal

- 7) Use brake cleaner to clean the pin internal threads and cylinder rod threads.
- 8) Apply a few drops of blue loctite on the top threads of the latch pin hole. (Figure 7) Note that the thread locker fluid will be spread evenly by capillarity when threading the cylinder rod.



Figure 7: Latch pin

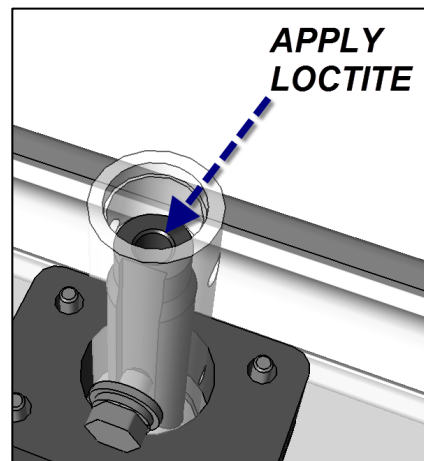


Figure 8: Loctite application

- 9) Re-thread rod into the pin completely, until it stops.
- 10) Add thread sealant on fittings. Connect fittings and hoses. (Figure 5)
- 11) Apply torque seal mark on top cylinder fittings, to indicate work is complete.
- 12) Confirm door operates properly.
- 13) Re-assemble upper access panel.
- 14) Restore air supply to the door.

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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 45 minutes.

OTHER

VBC Bulletin	N/A
Fail Code	18.01
Defect Code	09
Syst. Cond	B
Causal Part	282383

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