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ENTRANCE DOOR LIGHT

Prevost vehicles

DESCRIPTION

On the vehicles affected by this bulletin, install a light at the entrance door. This bulletin describes how to install the new entrance door upper molding and the light with its wiring.

MODEL YEARS 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 individual vehicles: 2PCG33495EC735590, 2PCG33498EC735602 and From 4RKG33497F9737001 up to 4RKG33491G9737299 incl.	From 2490 up to 2789, incl.

MATERIAL NEEDED

Order kit # 061059 which includes the following parts:

Part No.	Description	Qty
830008	24V LIGHT (LED)	1
500854	SCR TC BDG PH N500 8-32X3/4	2
3210118	ENTRANCE DOOR UPPER MOULDING	1
062150	ENTRANCE DOOR LIGHT HARNESS	1
563623	SPLICE WITH PLASTIC SHRINKABLE	2

Other material you may need:

Part No.	Description	Qty
504637	CABLE TIE, NYLON BLACK MIDDLE SIZE	2
682481	HOCKEY TAPE	AS REQ.

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 closing cap (Figure 1).
2. Use a bit driving ratchet to remove the screw behind the mirror (Figure 2).

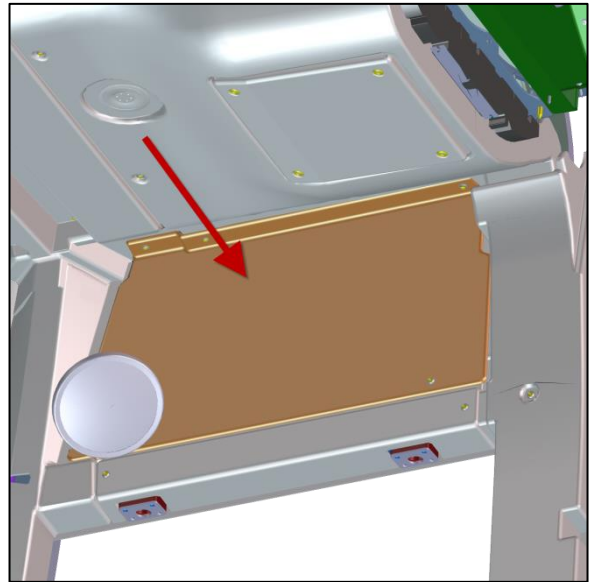


Figure 1



Figure 2

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3. Remove entrance door upper moulding (item 1, Figure 3). This part will be replaced by the new moulding #3210118. Keep screws for the installation of the new moulding.
4. Remove front RH roof access panel (item 2, Figure 3).

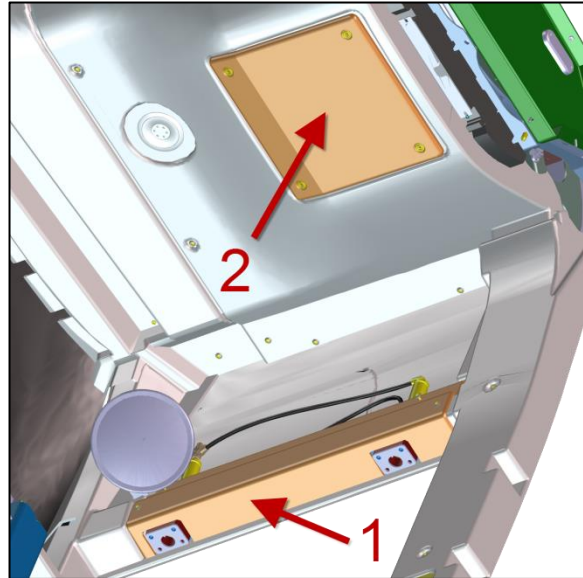


Figure 3

5. Install the new entrance door upper moulding #3210118 (item 1, Figure 7). Do not install screws yet.
6. Use a non-permanent marker to project the shape of the light opening of the moulding on the vehicle metal structure (item 2, Figure 4).

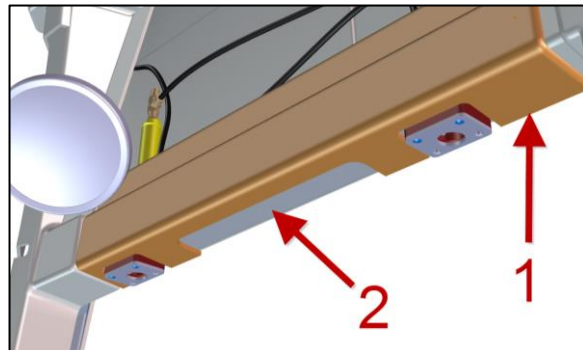


Figure 4

7. Remove the new entrance door upper moulding (item 1, Figure 4). The arrow in Figure 5 shows the projection of the moulding opening.

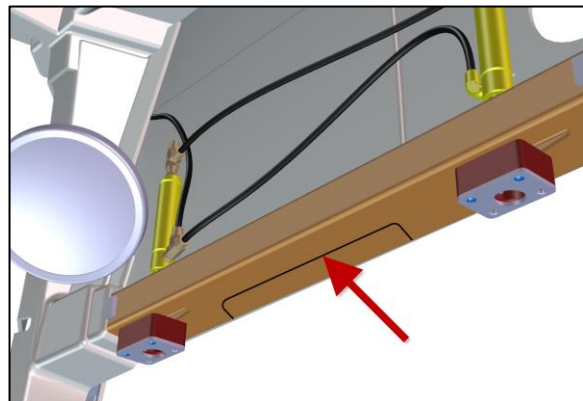


Figure 5

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8. Center the entrance door light (Figure 6) with the marks made in step 6.
9. Mark the position of the holes to be drill through the metal structure (Figure 6). These holes will be used to support the light with screws.
10. Drill two holes $\varnothing 1/8'' \pm 1/64''$ through the vehicle metal structure.

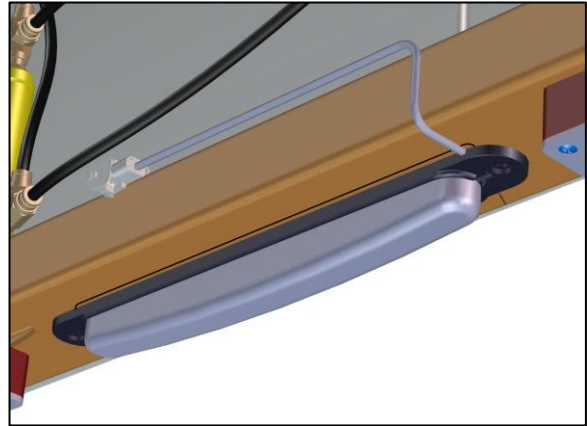


Figure 6

11. Install light #830008 with two screws #500854 (item 1, Figure 7).
12. Install new entrance door upper moulding #3210118 (item 2, Figure 7).

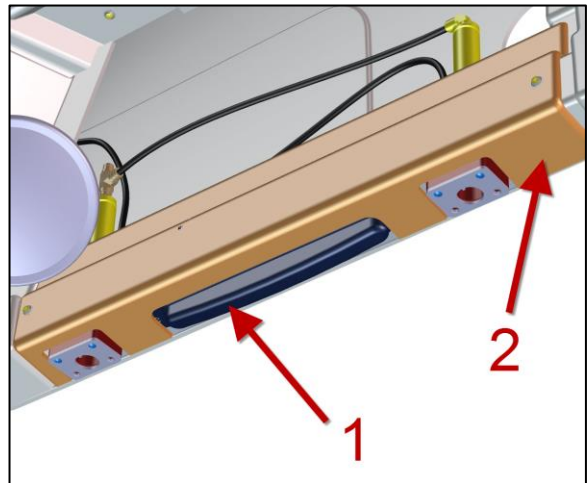


Figure 7

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13. Plug new connector L15 (Figure 8) to the new light connector (Figure 9).
14. Run the other end of the wires to the top of the ceiling. The wires can be pushed up with very little effort and no fish tape is required.



Figure 8



Figure 9

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15. Locate the existing L17 light on the front RH roof (Figure 10).

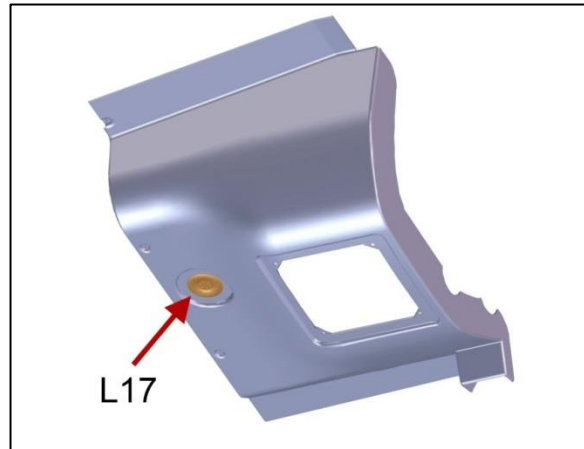


Figure 10

16. Locate wires 35 and 86ARTN of the existing L17 light inside the front RH roof (Figure 11).

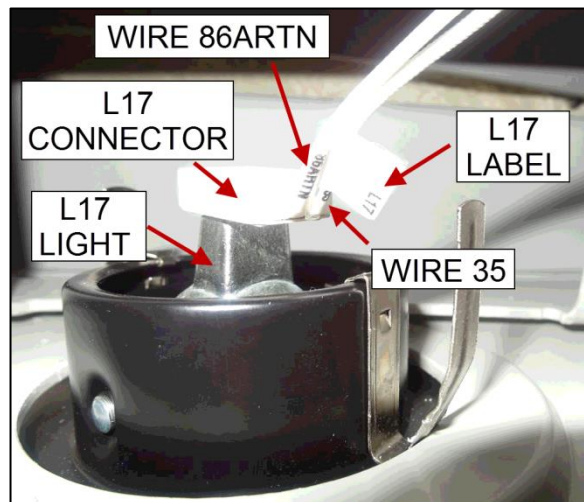


Figure 11

17. Connect wire 35 of the existing L17 light with the wire 35 of the new L15 light. Splice the wires as shown in the Figure 12.
18. Connect wire 86ARtn of the existing L17 light with the wire 86ARtn of the new L15 light. Splice the wires as shown in the Figure 12.
19. Using the heat gun, fully heat shrink the tube until no more shrinkage is apparent.
20. Check if the new light is working.
21. Tape the wires to the insulation on the side and to the upper side of the ceiling trim to prevent noise. Use hockey tape.

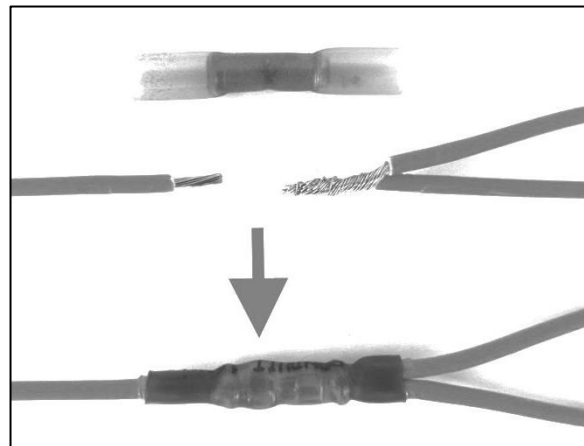


Figure 12

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22. Install closing cap (item 1, Figure 13)
23. Install front RH roof access panel (item 2, Figure 13).
24. Bulletin is complete.

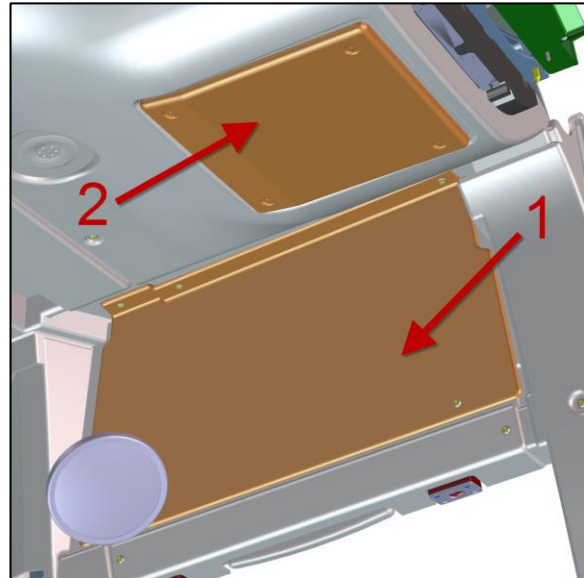


Figure 13

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 forty five minutes (45 min).

OTHER

VBC Bulletin	N/A
Fail Code	6.15
Defect Code	09
Syst. Cond	B
Causal Part	830008

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