

PREVOST

MAINTENANCE INFORMATION

Mi97-34



DATE: January 1998	SECTION: 18
SUBJECT: REPAIR OF LATERAL PANEL JOINT LOCATED AT THE BOTTOM OF TRAPEZOIDAL WINDOW	

APPLICATION:

Model	VIN
H3-41 and H3-45 Coaches Model Year: 1994 - 1998	 From 2P9H33495R1001012 up to 2PCH33496W1012283 incl.

DESCRIPTION

On the above-mentioned vehicles, leaks may be present at lateral panel joint level located at the bottom of trapezoidal window. If water infiltration is present inside front baggage compartment or front electrical compartment, it is recommended to proceed with the following procedure.

BASIC MATERIAL

Part No.	Description	Qty
683097	Cleaner, Sika 205 (1 liter)	A/R
682384	Towel, Chix (pack of 100)	1
680532	Sealant, Sika 221 Grey (cartridge)	A/R
473714	Extrusion (same for left or right trapezoidal window)	1 or 2

SUPPLEMENTARY MATERIAL FOR LEFT TRAPEZOIDAL WINDOW

504340	Rivet, pop Dome head SS 1/8 x 3/16	5
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SUPPLEMENTARY MATERIAL FOR RIGHT TRAPEZOIDAL WINDOW

500585	Screw, TC OV PH 6 - 32 x 1in	5
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Note: Material can be obtained through regular channels.

PROCEDURE

Warning: Park vehicle safely, apply parking brake, stop engine and set battery master switch(es) to the OFF position prior to working on the vehicle.

Wash vehicle carefully to remove dirt and dust. Dry joint before repairing using compressed air and towels.

LEFT TRAPEZOIDAL WINDOW

1. From inside vehicle, remove driver's guard finishing panel. Remove finishing moulding located at bottom of window and finishing moulding located near window's longest side, set aside (refer to fig. 1).

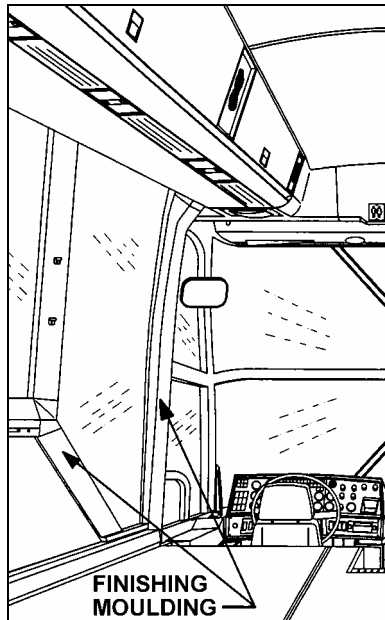


FIGURE 1: FINISHING MOULDINGS

2. Remove four bolts securing bottom of window and two rivets securing trapezoidal window's longest side.

Warning: Window could separate from vehicle if it is not equipped with stopper blocks and opened to an approximately 90° angle.

3. Open trapezoidal window and hold it open using a piece of wood or other appropriate device (refer to fig. 2).

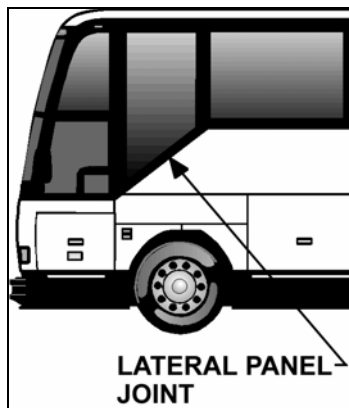


FIGURE 2: WINDOW JOINT

4. Apply masking tape on each side of joint in order to protect vehicle finish.
5. Remove existing sealant using a utility knife or scraper.

Warning: Wear latex or rubber gloves prior to manipulate Sika products. Avoid vapor breathing. No smoking.

6. Prepare surface and use Chix towel (Prévost # 682384) to clean the joint using Sika 205 (Prévost # 683096). Allow to dry for approximately 5 minutes.
7. Set extrusion (Prévost #473714) up with wider side towards bottom and drill five 1/8 inch diameter holes 1 inch deep max. into structural tube. Remove extrusion and metal chips.
8. Apply Sika 221 sealant (Prévost # 680532) along the joint.
9. Remove plastic covering extrusion and install extrusion over Sika sealant then rivet extrusion to structural tube using five rivets (Prévost #504340).
10. Carefully remove masking tape, remove sealant smudge with a dry towel.
11. Spray the joint with water to speed up hardening process.
12. Close window.
13. From inside vehicle, install two rivets securing window's longest side then four bolts securing bottom of window.
14. Reinstall finishing mouldings with accessories then driver's guard finishing panel.

RIGHT TRAPEZOIDAL WINDOW

1. Apply masking tape on each side of joint in order to protect vehicle finish (refer to fig. 3).

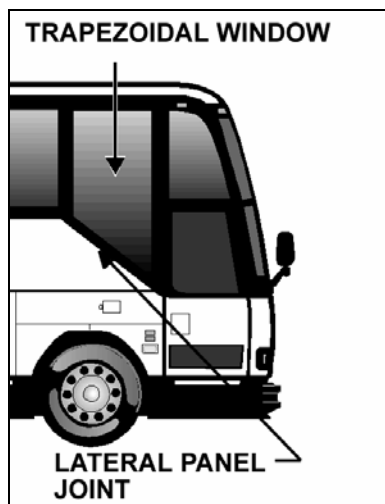


FIGURE 3: WINDOW JOINT

2. Remove existing sealant using a knife or scraper.

Warning: Wear latex or rubber gloves prior to manipulate Sika products. Avoid vapor breathing. No smoking.

3. Prepare surface and use Chix towel (Prévost # 682384) to clean the joint using Sika 205 (Prévost # 683096). Allow to dry for approximately 5 minutes.
4. Set extrusion (Prévost #473714) up with wider side towards bottom and drill five 1/8 inch diameter holes 1 inch deep max. into structural tube. Remove extrusion and metal chips.
5. Apply Sika 221 sealant (Prévost # 680532) along the joint.
6. Remove plastic covering extrusion and install extrusion over Sika sealant then screw extrusion to structural tube using five screws (Prévost #500585).
7. Carefully remove masking tape, remove sealant smudge with a dry towel.
8. Spray the joint with water to speed up hardening process.