



INSTRUCTION TO SERVICE

ITS: 59216		04/14/2021
SECTION:	460-Windows	
WRITTEN BY:	Troy Stutsky	
SUBJECT:	R&R SDS Window Pin Strikes. Remove Extra Rubber Seal if Present	
ISSUE:	The two latch pin strikes are breaking off when the SDS window is closed due to bad welds on the pin strikes.	
SUMMARY:	Remove and replace the pin strikes with new ones that have the pins welded on correctly. Some buses had a double rubber seal on them. The double seal is not required so any buses with the double seal will have the extra seal removed as well.	

ITS59216

Ref. NHTSA Recall No.	Ref. Transport Canada Recall No.
Not Applicable	Not Applicable

THIS ITS DOCUMENT SHOULD BE RETAINED AND REFERRED TO FOR FUTURE MAINTENANCE UNTIL THE NEW FLYER PARTS AND/OR SERVICE MANUAL IS UPDATED TO REFLECT WORK DONE AS A RESULT OF THIS DOCUMENT. ENSURE THAT THIS DOCUMENT IS AVAILABLE FOR PARTS AND MAINTENANCE STAFF GOING FORWARD.

PROCEDURE:

1. Set park brake and chock wheels.
2. Turn the main battery disconnect switch to the “OFF” position.
3. To remove the extra rubber window seal (if present), follow these steps:
 - a. From the inside of the bus, operate the window and leave in open position. See Figure 1.

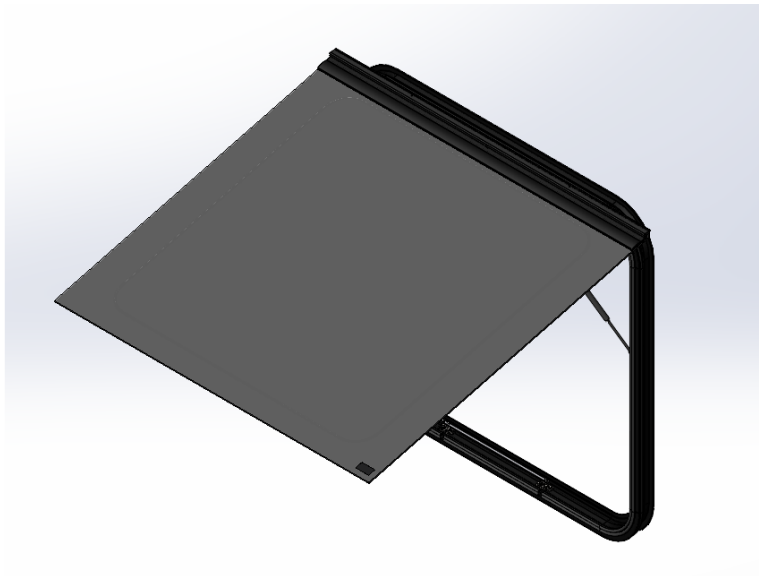


Figure 1: Open the SDS Window

- b. Remove any additional seals from the subframe by carefully peeling seal off and using a scraper; remove any adhesive left on the subframe. Do not remove inner most D-seal! See Figure 2.

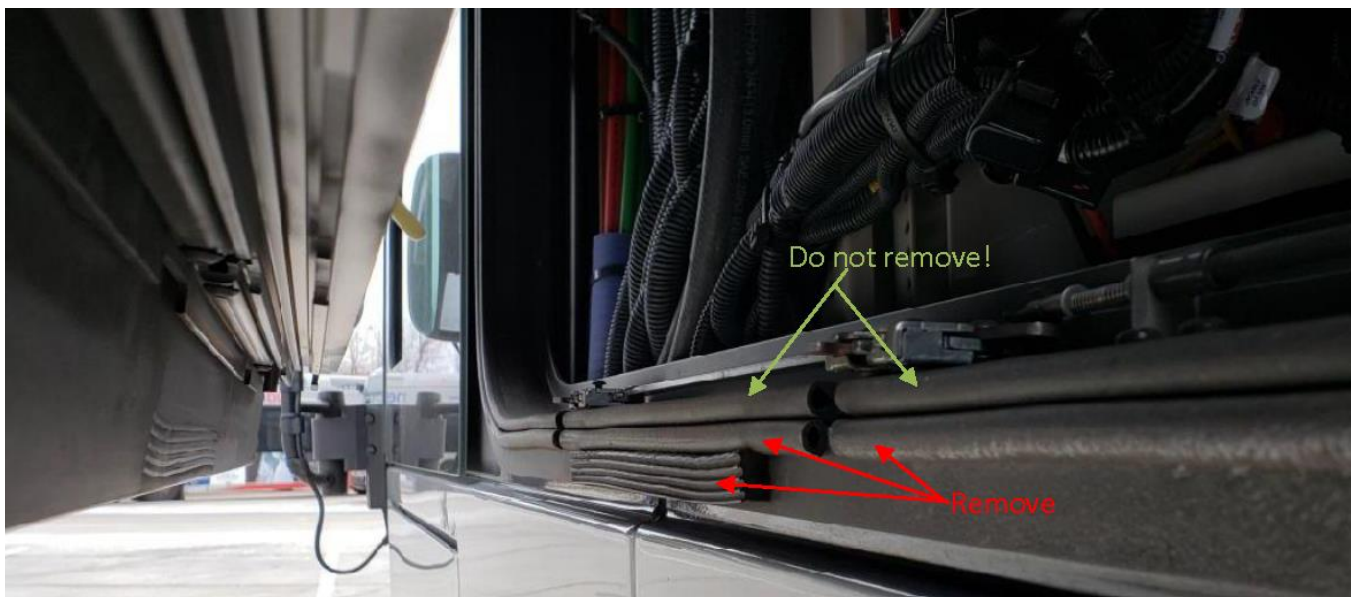


Figure 2: Remove Extra Seals (If Present)

4. To remove and replace the two latch pin strikes with the new pin strikes (NF PN 6477370), follow these steps:
 - a. Remove the continuous window channel cover from the mainframe. Start at the joint on the top, remove as much as needed. See Figure 3.



Figure 3: Remove Continuous Window Channel Cover

- b. Locate and remove the 1/8" hex head fasteners in the pin strikes. See Figure 4.

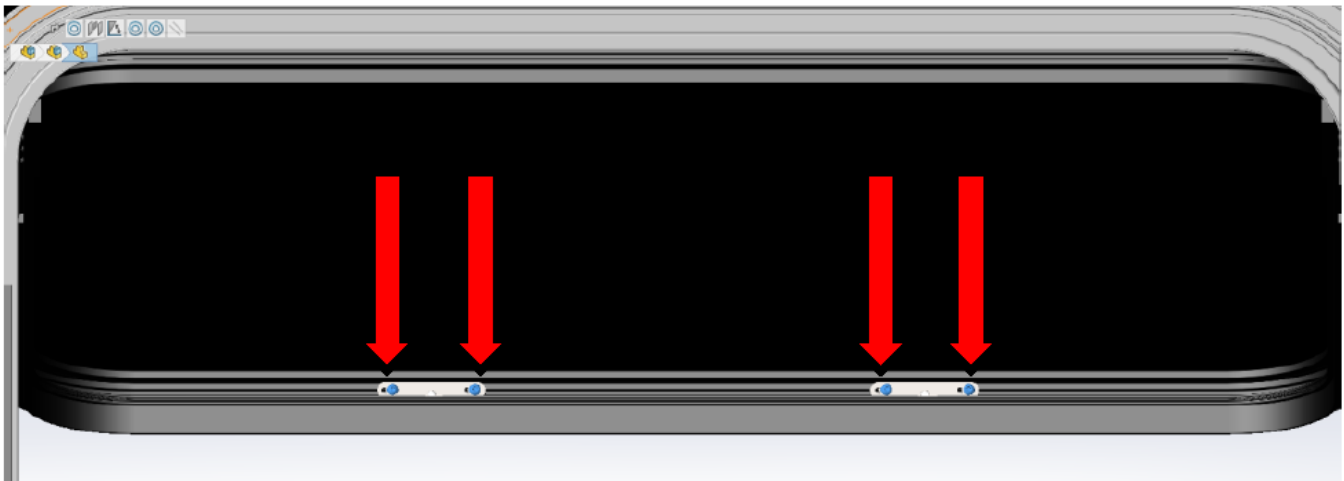


Figure 4: Remove Pin Strike Fasteners

- c. The pin strikes can be removed as shown in Figure 5. (Glass removed for clarity).

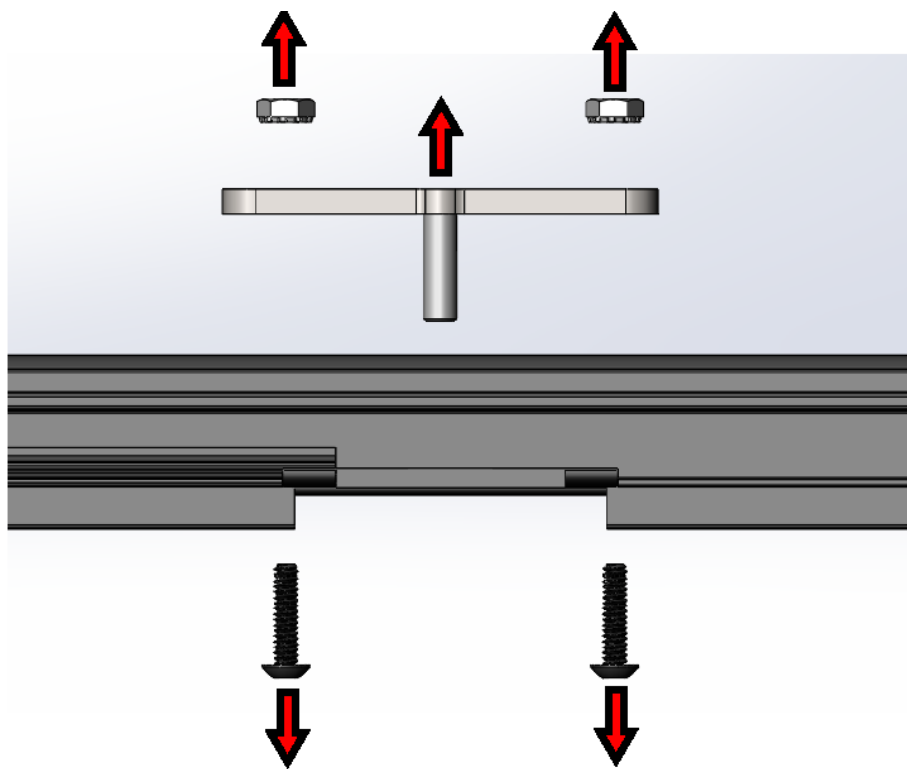


Figure 5: Pin Strike Fastener Removal

- d. Install each replacement pin strike as shown, with the two fasteners (NF PN 6474082) inserted from the bottom and two nuts (NF PN 6487878) placed on top. See Figure 6.

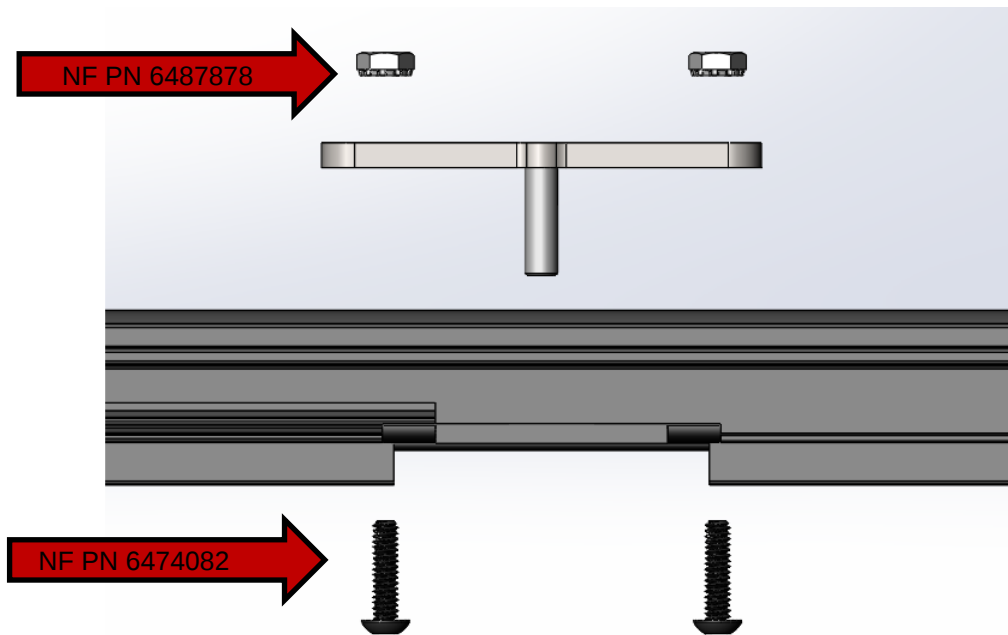


Figure 6: Install New Pin Strikes

- e. A 3/8" combination wrench or nut driver can be used to torque the fasteners. Do not fully tighten until pins have been aligned with the latches, strikes must be able to slide in order to align.
- f. To align the pin strikes to the latches, partially close window and manually position pin strikes to center of latches. See Figure 7.



Figure 7: Align the Pin Strikes

- g. Push hard on window to fully close, allowing the strike pins to fully self-align. Do not slam window during this step.
- h. Operate window from inside of bus and carefully open until pin strike hardware can be accessed. Fully tighten fasteners on pin strikes. If pin strikes move, loosen fasteners and repeat from Step f.
- i. To replace the continuous window channel cover, first roll the spline into a circle and coat with foaming glass cleaner. See Figure 8.

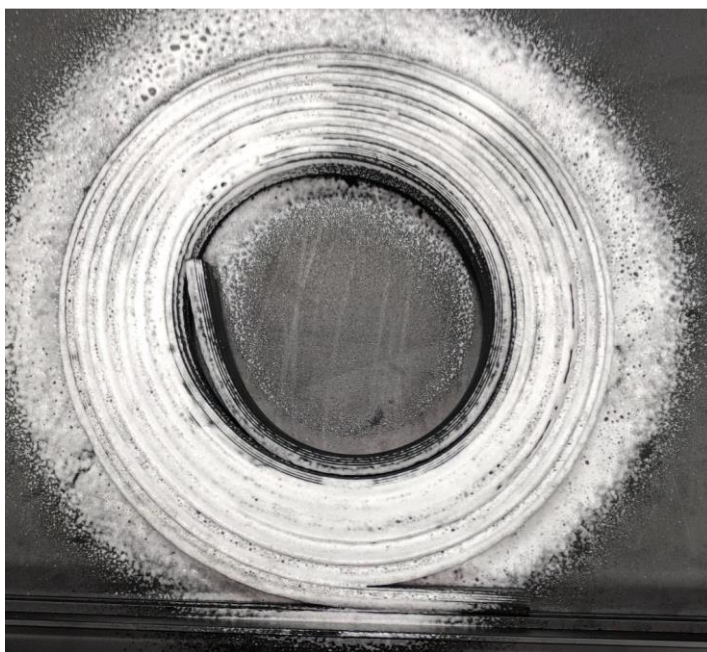


Figure 8: Coat Continuous Window Channel Cover with Foaming Glass Cleaner

- j. Start the continuous window channel cover at the top of the window and carefully hammer it into place, allowing hammer to carefully slide across surface of glass. See Figure 9.



Figure 9: Install Continuous Window Channel Cover

- k. Trim any excess off when you reach the joint at the top of the window.
- 5. Remove all tools and debris and return the bus to service condition.
- 6. Turn the main battery disconnect switch to the “ON” position.

LABOUR ESTIMATE

	Operation	Number of Technician(s)	Hours	Labor Time T X HR
1	Remove Extra Rubber Seals (If Required)	1	0.25	0.25
2	R&R SDS Window Pin Strikes	2	0.75	0.75

PARTS REQUIRED

Item	Part Number	Description	Qty. per Coach	Units	Notes
1	6477370	LATCH PIN ASSEMBLY	2	EA	
2	6474082	10-24 X 3/4" LG BHCS, BL. OX., W/NYLON PATCH	4	EA	
3	6487878	NUT, 10 - 24, AG SDS WINDOW PIN STRIKER	4	EA	

SPECIAL TOOLS REQUIRED

Item	Part Number	Description	Qty.	Units	Notes
1	N/A	SMALL RUBBER HAMMER	1	EA	Source Locally
2	N/A	FOAMING GLASS CLEANER	1	EA	Source Locally
3	N/A	1/8" ALLEN WRENCH	1	EA	Source Locally
4	N/A	FLATHEAD SCREWDRIVER	1	EA	Source Locally
5	N/A	3/8" COMBINATION WRENCH or 3/8" NUT DRIVER	1	EA	Source Locally
6	N/A	RAZOR BLADE SCRAPER	1	EA	Source Locally