SERVICE UPDATE S0608

Date: August 04, 2006

Subject: Spectal Passenger Window Modifications

Models Affected: 2006-2007 Model Year All American and Vision Models

Some Spectal passenger windows may not close or latch properly which may permit dust and water to enter the passenger compartment. Some windows may also rattle and have wind noise. These conditions are usually caused by the top rail of the window sagging downward at the center of the window. These conditions may be addressed by following the attached modification procedures.

Note: These modifications do not apply to the Driver's window.

Modifications performed during the warranty period of the bus will be covered under normal warranty procedures. Labor time allowed to install screw in top extrusion is 0.1 hrs. per window. Labor time to install clasp is 0.1 hrs per window. Labor time to reseal window, if needed, is 0.1 hr per window. Labor time to change Pushout window switch, if needed, is 0.2 hrs per window.

The following parts will be needed to perform the window modifications.

Part No.	Description	Qty
1164821	Screw, 10-16 X 3/4,AB,PH1,Truss HD, YEL ZN (Use with anodized aluminum frame)	1
1943695	Screw, 10-16X3/4,AB,PH1,PAN HD,BLK ZN (Use with black aluminum frame)	1
0109427*	Retainer, Al, Clip (Use with anodized aluminum frame)	1
0109428*	Retainer, Blk, Clip (Use with black frame)	1
2051902	Sealer, Silicone, Black, cartridge	1

*Note: Part numbers 0109427 and 0109428 are anticipated to be available on or about August 28, 2006.

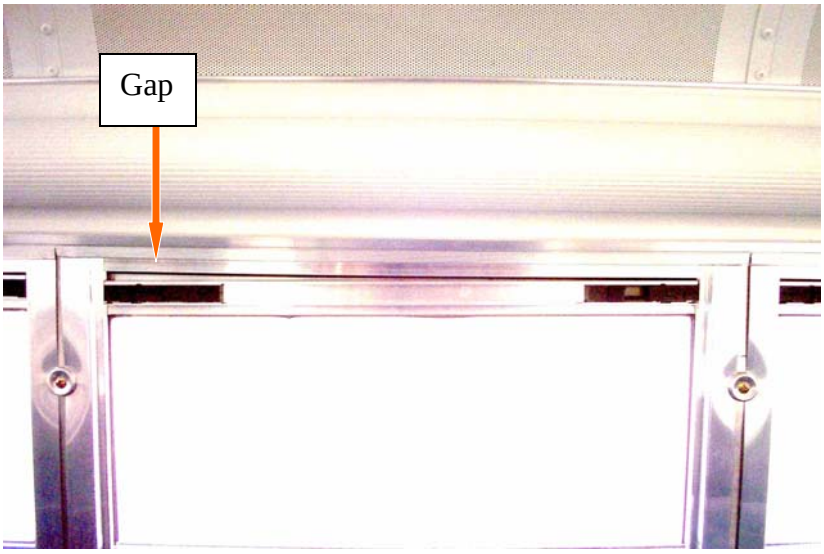
If a problem exists with the current Pushout window switch, it may be replaced with the following switch.

0098185	Kit, Switch Horiz P/O, Spectal (single wire)	1

Questions regarding Service Update S0608 should be directed to your Customer Service Representative.

Service Update S0608
Spectal Passenger Window Modification Instructions

The photo below shows a sagging top extrusion. Note gap on left side above latch. The following instructions can be used to correct this condition.



Using a 5/32 bit, drill a hole in the top of the window frame approximately 1” left or right of the centerline of the window as shown below. Be sure to drill through the window extrusion and through the header above the extrusion.

Run screw in enough to eliminate sag. Use a straight edge to ensure there is no sag in top extrusion. See below.

After installation of screw in top extrusion the window closes and latches properly. See below.

On some Pushout windows there may be a gap at the bottom corners. See Below.

This gap should be filled with black silicone sealer to completely close out bottom rail. See below.

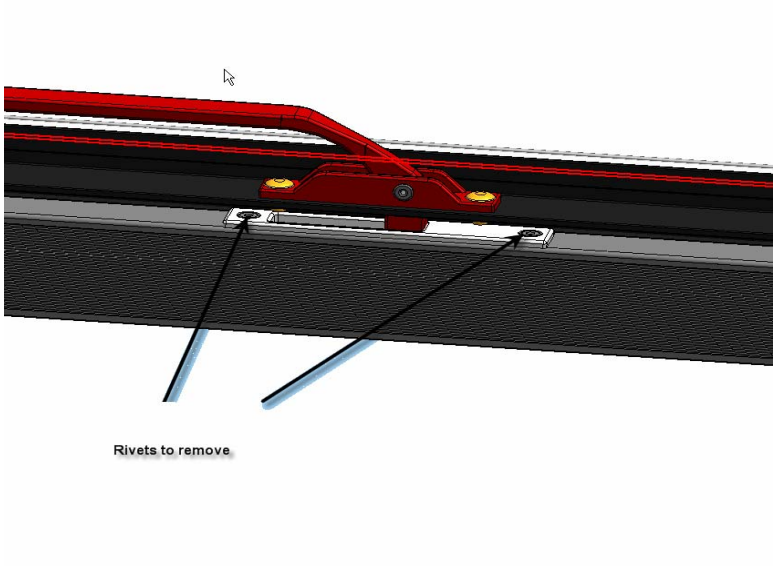
The following instructions are to be used to replace the Pushout window buzzer switch if it is defective. The new design single wire switch can be installed without removing the window.

Note: The single wire switch can be used to replace the dual wire switch on black frame Pushout windows.

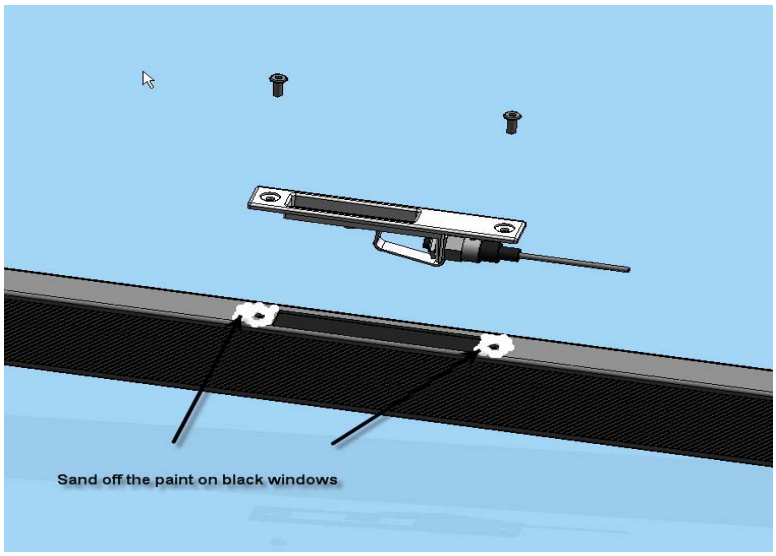
***Horizontal Pushout Switch Replacement*:**

1-Open the red handle, push the window out and make sure it stays opened.
2-Drill the heads of the rivets shown on picture 1
3-Remove the switch assembly.
4-Cut the wire as close as possible to the existing switch.
5-Strip insulation from the existing wire, the new switch wire and connect the two using the butt splice provided.
6-If the window is black; the paint must be sanded off around the rivets holes to insure a solid grounding. (The original switch was grounded with a wire that is now impossible to reuse) See picture 2
7-Set the new switch into place and fasten with the rivets provided.
8-Close the window and verify the operation of the new switch by toggling the handle.

Picture 1



Picture 2



A hand held rivet tool may be used to install rivets in both horizontal and vertical Pushout windows.

***Vertical Pushout Window Buzzer Switch Replacement*:**

The new design single wire switch can be installed without removing the window.

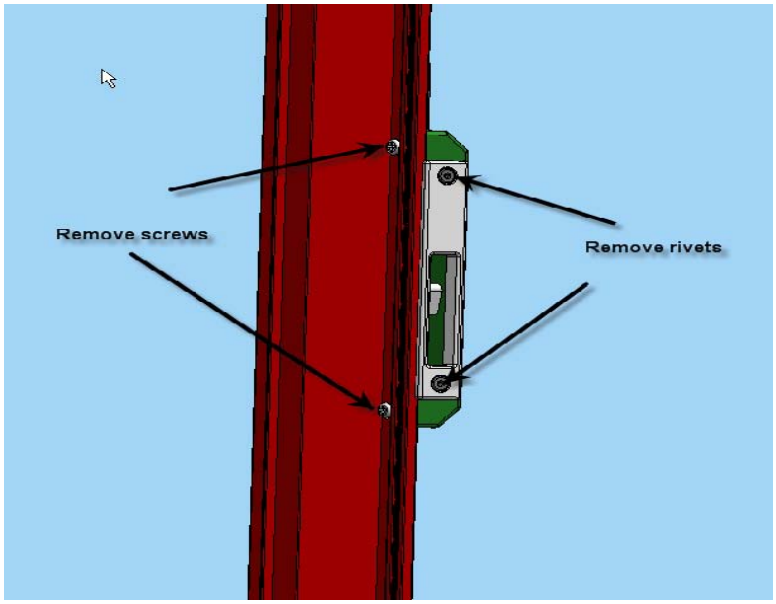
Note: The single wire switch can be used to replace the dual wire switch on black frame Pushout windows.

1-Open the red handle, push the window out and make sure it stays opened.
2-Drill the heads of the rivets shown on picture 1.
3-Remove the screws shown on picture 1.

Caution: Do not to pull on the switch wire!!! The wire is most probably jammed and pulling will only damage it.

4-Remove the switch assembly.
5-Cut the wire as close as possible to the existing switch.
6-Strip the insulation from the existing wire, the new switch wire and connect the two using the butt splice provided.
7-Reinstall the switch housing with the screws previously removed.
8-Set the new switch into place and fasten with the rivets provided.
9-Close the window and verify the operation of the new switch by toggling the handle.

Picture 1



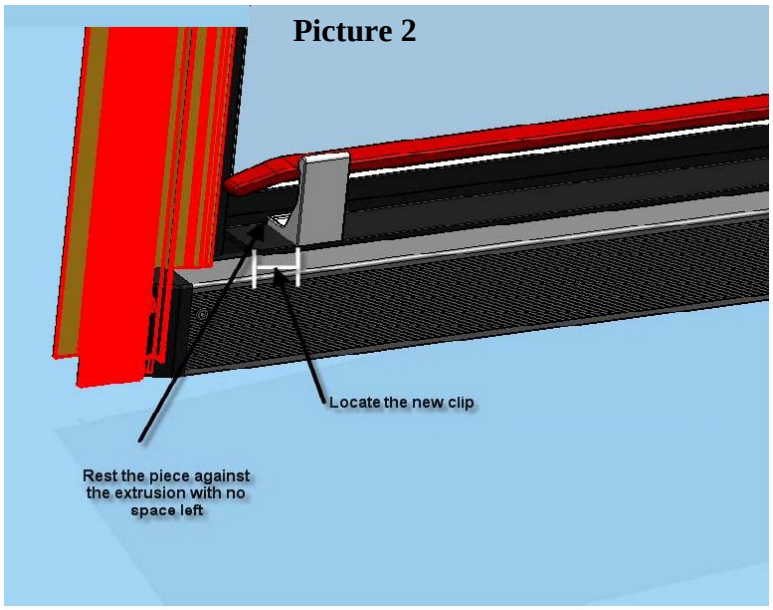
Pushout Window Handle Clasp installation:

1-Locate the clasp approximately 2” from the end of the handle as shown on Picture 1.

Picture 1

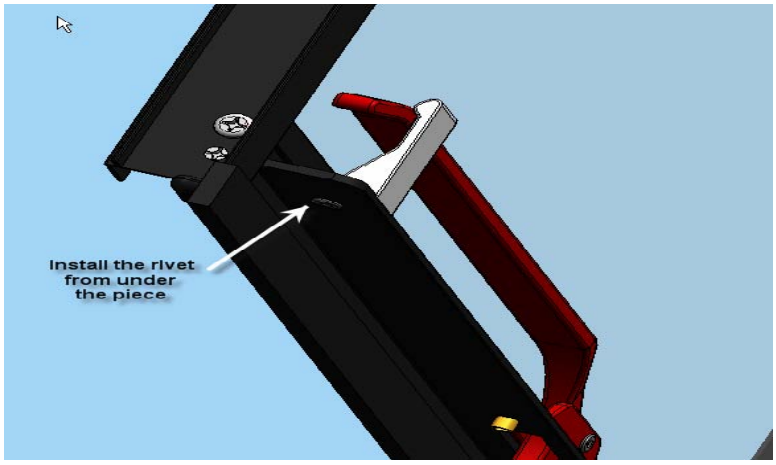
2-Make sure the piece is resting firmly on the window with no space left.
3- Mark the hole and remove the clasp before drilling a hole using a 1/8 inch drill bit. If drill motor is too large to be able to work; execute step 4 (open and push the window out) then repeat step 1 through 3 from the underside.
4- Open the red handle, push the window out and make sure it stays opened.
5- Go to the outside of the bus and install the piece using the rivet provided. The rivet head will be facing downward (see Picture. 3).

Picture 2



Locate clasp 2” from end of handle

Picture 3



After clasp has been installed, it may be necessary to bend the window latch lever to achieve proper tension of lever to clasp to prevent rattle. To bend lever, lift lever just above clasp (leaving latch engaged) and bend lever outward enough to apply tension to clasp in latched position. Caution: Failure to leave latch engaged may result in breaking lever.

As a final step inspect sealing of windows and seal as needed.