

Summary	Field Installation of Strapped Windbars				
Products Affected	Fast Seal				
Key Word Tags	FS Windbar Retro				
Tools/Equipment (If Required)	Drill, Rivet Gun, Wrenches, C-Clamps, 4' Level				
Parts/Materials (If Required)	See Below				
Related Media					
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This Service Bulletin outlines the procedure to install a strapped windbar assembly for the Rytec Fast Seal door. The strapped windbar assembly can be installed in the front or rear windbar guides.

Parts List:

Qty.	Description	Part Number
2	WINDBAR STRAP BRKT ASSY, FRONT (Front Windbars Only)	R02992165
4	CLAMP, TENSION STRAP	R0203138
4	HSFMS, 5/16-18 x 1, GR5.2 ZN (Rear Windbars Only)	R0550060
1	WINDBAR ASSEMBLY,STRAPPED,14'SC (14" Side Columns)	R02991295
1	WINDBAR ASSY,STRAPPED,17"SC (17" Side Columns)	R02991296
2	STRAP 1.5" BLACK WINDBAR, CUT TO LGTH	R0007089
A/R	VELCRO LOOP, .75",ADHESIVE BACK	R0007138

Installation Procedure

Note: Before you start, determine if you are installing a front or rear (or both) windbar assembly.

If you have any questions call the factory immediately at 1-800-628-1909



To begin this procedure you will need to lower the door so the panel mounting strap is exposed. Depending on available counter-weight strap length, they may need to be adjusted to allow for the door panel to be lowered enough to facilitate the installation. Once it has been confirmed the counter-weight will not hit the head assembly, the door should be placed in Emergency Jog.



When the door is placed into Emergency Jog it will ignore all positioning limits and safety devices!

To place the door in Emergency Jog set parameter P:999 to 10 and then navigate to P:980 and set it to 3. This will allow the door to move beyond the fully closed position and access the panel mounting

strap.

Front Windbar Installation:

- 1.) Bring the door all the way down so that the panel mounting strap is facing down.



- 2.) Lockout and Tag out the electrical supply
- 3.) Mark the mid-point of the drum on the panel. (See Figure 1)

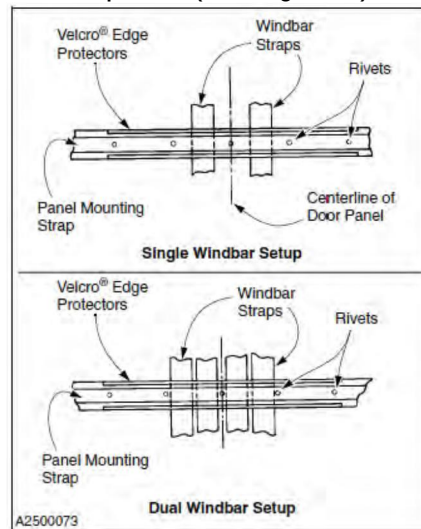


Figure 1

- 4.) Remove the center rivets around the area where the windbar straps will be installed. (See Figure 1)
- 5.) Install the Velcro on the top and bottom of the panel mounting strap. Center it so that there is approximately 3 feet of Velcro on each side of the mid-point on the drum. (See Figure 1)
- 6.) Route one windbar strap between the drum and panel, and bring it under the panel mounting strap. (See Figure 2)

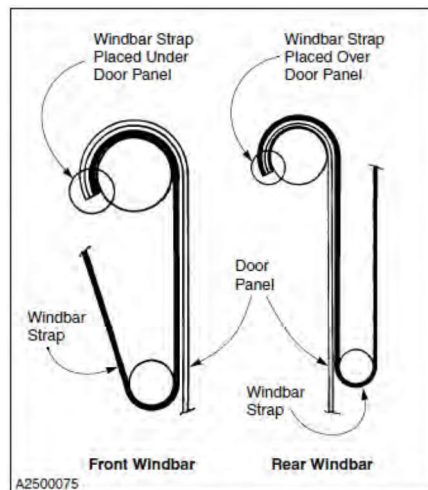


Figure 2

- 7.) Center the windbar strap on the panel mounting strap. (See Figure 1)
- 8.) Wrap the windbar strap around the panel mounting strap 3 times. (See Figure 3) Let the remaining windbar strap hang.

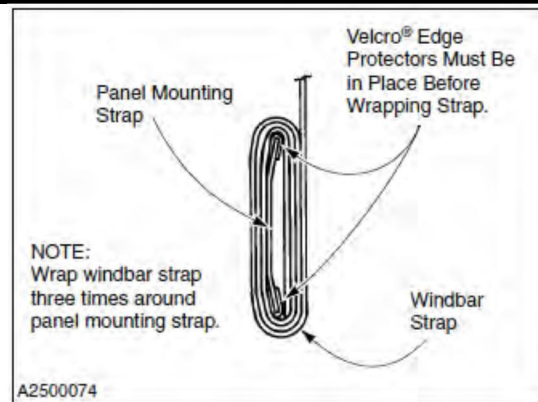


Figure 3

- 9.) Repeat steps 6 through 8 for the second windbar strap.
- 10.) Rivet the panel mounting strap back to the drum assembly.
- 11.) Remove lockout and tag out and reapply the power. Then move the door back to the original fully closed position.
- 12.) Measure and mark the halfway point on each front windbar guide.
13. Insert the windbar into the front windbar using the hand slot located 28" above the floor on each windbar guide.
- 14.) Slide the windbar guide above the halfway point on each front windbar guide. Secure a C-Clamp at that point on each side. (See Figure 4)

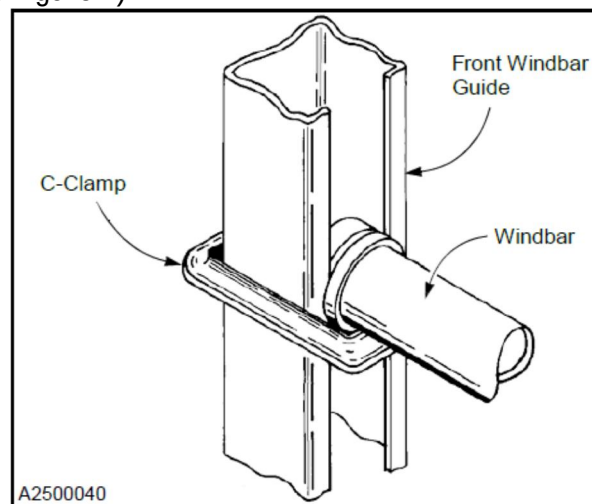


Figure 4

- 15.) Bring the windbar down so it rests on top of the 2 C-clamps. (See Figure 4)
- 16.) Mount the front windbar strap brackets. (See Figure 5)

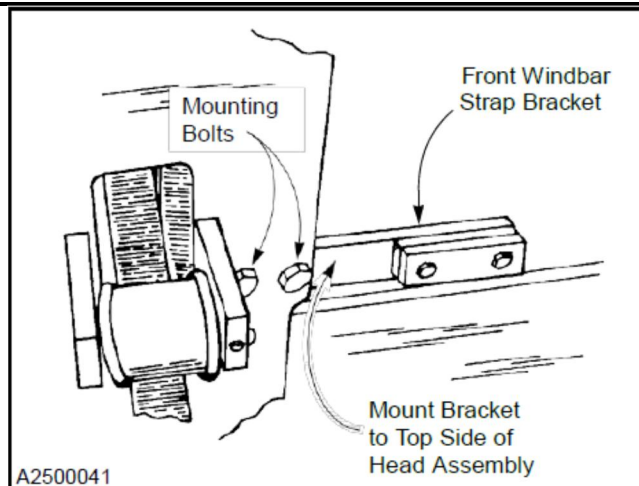


Figure 5

17.) Route the windbar strap around the windbar and up to the windbar bracket. (See Figure 6)

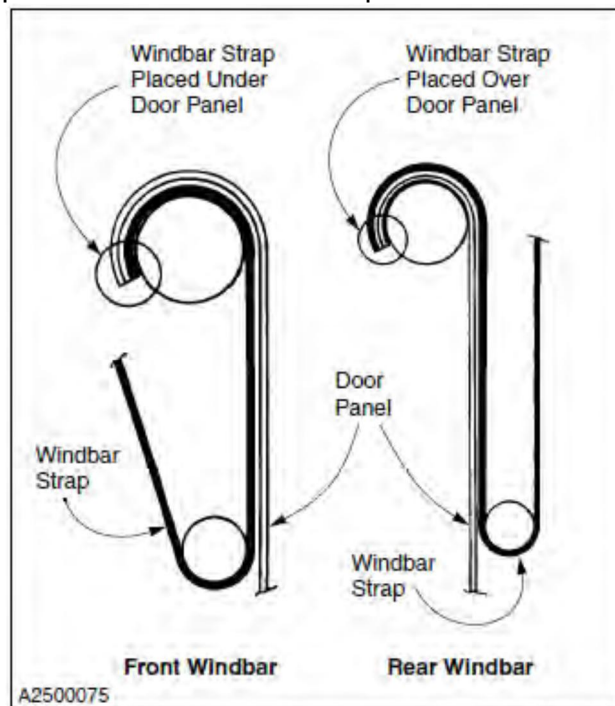


Figure 6

- 18.) Route the windbar strap through the windbar strap bracket. Make sure there are no twists in the strap.
- 19.) Pull the windbar strap tight without lifting the windbar, and then tighten the bolts on the windbar strap bracket.
- 20.) Repeat steps 17 through 19 for the second windbar strap.
- 21.) Confirm the windbar is level and then remove the C-clamps.
- 22.) The proper adjustment for the windbar is that when the door is fully open, the windbar will hang below the windbar mounting bracket but does not contact the bottom bar. Adjustment is made by lengthening or shortening the windbar strap.

Rear Windbar Installation:

- 1.) Use Steps 1 through 5 of the Front Windbar Installation process.
- 2.) Route the strap over the top of the panel and under the mounting strap. (See Figure 2)
- 3.) Center the windbar strap on the panel mounting strap (See Figure 1)
- 4.) Wrap the windbar strap around the panel mounting strap 3 times. (See Figure 3) Let the remaining windbar strap hang.
- 5.) Follow steps 2 through 4 for the second windbar strap.
- 6.) Make sure that the door is closed properly.
- 7.) Measure and mark the half-way point on each rear windbar guide.
- 8.) Remove the rear photo eyes temporarily from their mounting in the rear windbar guides.
- 9.) Insert the rear windbar into the rear windbar guide into the hand slot where the photo eyes were located.
- 10.) Slide the windbar above the halfway point. Secure a C-clamp at the halfway point on each windbar guide. (See Figure 4).
- 11.) Bring the windbar down so that it rests on top of the two C-clamps.
- 12.) Mount the rear windbar strap brackets. (See Figure 7)

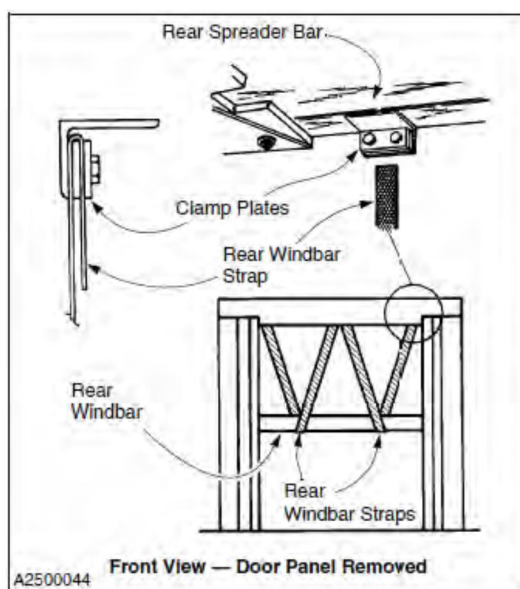


Figure 7

- 13.) Route the windbar strap around the windbar and up to the windbar strap bracket. (See Figure 6)
- 14.) Route the windbar strap through the windbar strap bracket. Make sure that there are no twists in the strap.
- 15.) Pull the windbar strap tight without lifting the windbar, and then tighten the bolts on the windbar strap bracket.
- 16.) Follow steps 13 through 15 for the second windbar strap.
- 17.) Confirm the windbar is level and remove the C-clamps.
- 18.) Reinstall the rear photo eyes.
- 19.) The proper adjustment for the windbar is that when the door is fully open, the windbar will hang below the windbar mounting bracket but does not contact the bottom bar. Adjustment is made by lengthening or shortening the windbar strap.

Front and Rear Windbar Installation:

Follow the same steps for Front and Rear windbar installations, but route both sets of straps at the same time. (See Figure 1)

Parts Breakdown: