WEILAND
INDUSTRIAL DOORS & WINDOWS

SPLICE PLATE FOR DOOR PANELS

INSTALL INSTRUCTIONS

DO NOT DISCARD

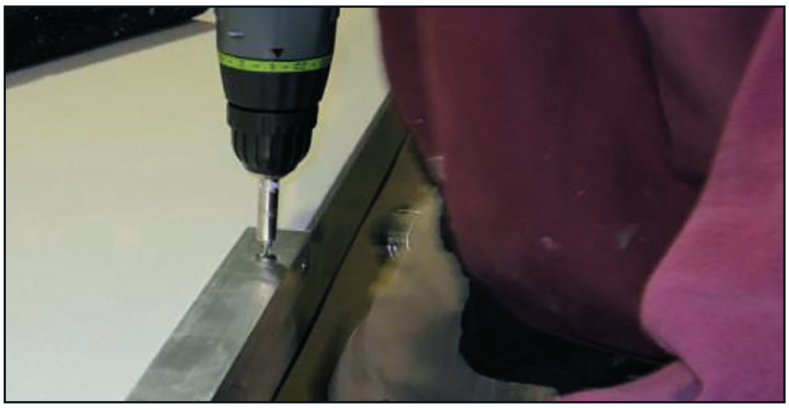
www.weilanddoors.com

806 West South Airport Road - Norfolk, NE 68701 | www. weilanddoors.com | 402.454.2106

INSTALLATION PROCEDURE FOR SPLICE PLATE

STEP 1:

Align two panels front face up.



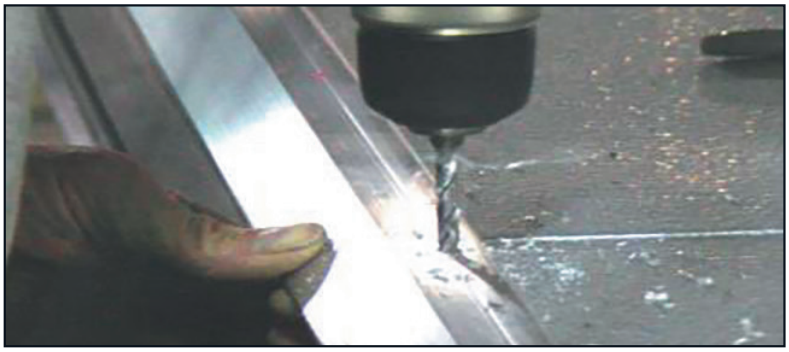
STEP 2:

Take the ¼" X ½" X ½" (Marked Top), pre-drilled Top Splice Angle and supplied 1 ½" screws, the plate and door are marked, side "A" & "B", line up plate to the pre-drilled hole pattern at top of door and partially insert screws.

STEP 3:

The Bottom Splice Angle Rail (Marked Bottom) is pre-drilled. Only four of the holes are drilled out at the factory to 7/32", (the two ends and the two where the door panels are being spliced together).

Take the pre-drilled side of Bottom Door Angle Rail and the supplied 1" screws, line up the side of the angle rail with the pre-drilled hole pattern on the face of the door and fully insert the four screws.



STEP 4:

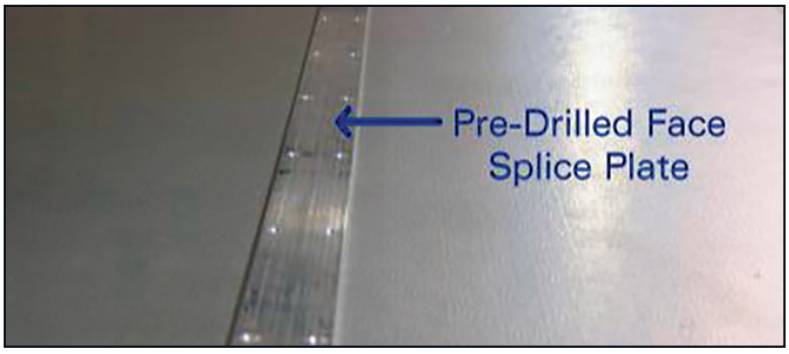
Using a 7/32" drill bit, insert into the remaining pre-drilled pilot holes and drill into the door panel.

STEP 5:

Take the remaining 1" screws and fully insert them to attach the rail.

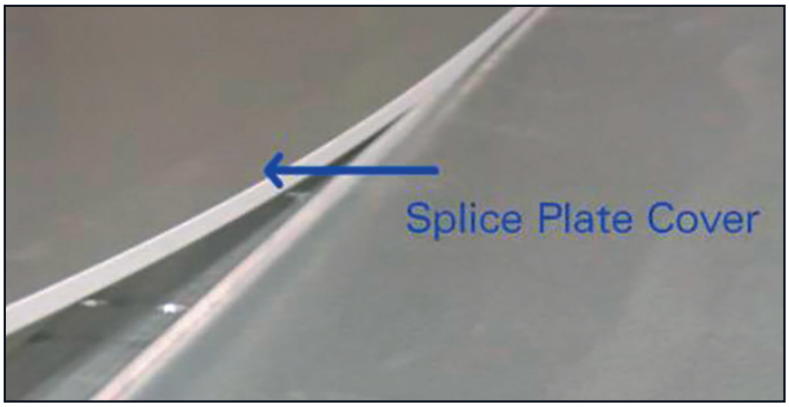
STEP 6:

Tighten down screws on the Top Splice Angle Rail.



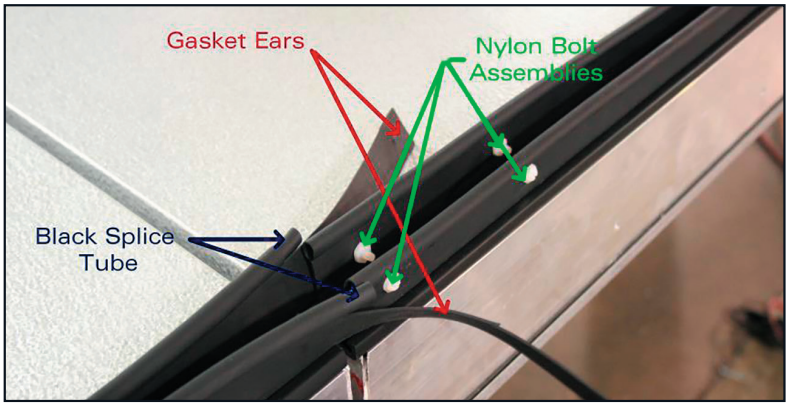
STEP 7:

Take the 3/8" X 3" X *(door height)* long pre-drilled door face Splice Plate and supplied 1 ½" screws, line up plate to the pre-drilled hole pattern on each panel of door and fully insert screws.



STEP 8:

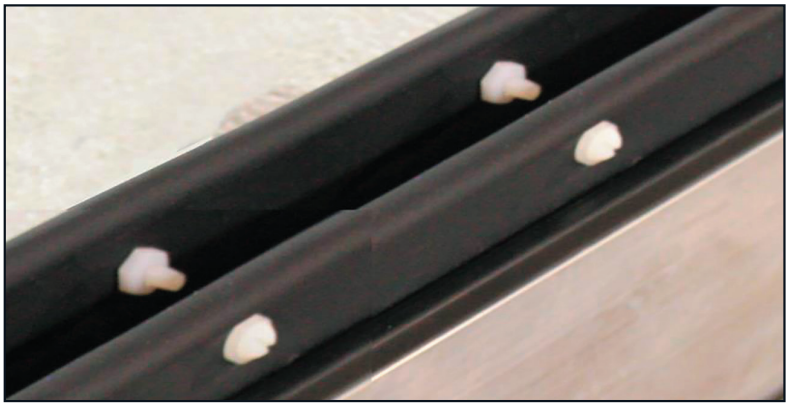
Clean the face of the aluminum Splice Plate with rubbing alcohol to degrease it. Remove tape backing from the supplied Splice Plate Cover and carefully line it up over the aluminum Splice Plate. Firmly push the cover down over the Splice Plate. Caulk both sides of cover plate. For best results, installation temperature needs to be above 50°F or adhesive may not adhere.



STEP 9:

Flip door over so back is face up. At the top of the door, you will see where the gasket from each panel needs to be spliced together. One side of the panels will have two gaskets with 5" ears. Each ear will have two small holes.
The other panel will have two gaskets with round black splice tubes. Take and insert the splice tube into the joining gasket and place the ear on the inside of that gasket.
Do the same for the other gasket.

INSTALLATION PROCEDURE FOR SPLICE PLATE



STEP 10:

On each of the gaskets, there are nylon bolt assemblies.

Remove the nuts from the bolts and insert the threaded part of the bolts into the small holes on the ear. Put nuts back on bolts. Do the same for the other pieces of gasket.

STEP 11:

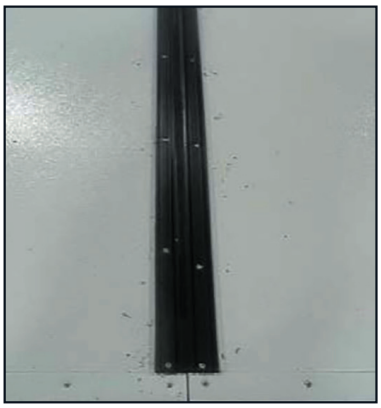
At the splice section at the bottom of the door panels, there is a gasket splice that must be connected to the adjustable sweep on the door back & the seal on the door bottom.

On each of the gaskets there are nylon bolt assemblies. Remove the nuts from the bolts and insert the threaded part of the bolts into the small holes on the ear. Put nuts back on bolts. Do the same for the other pieces of gasket.

STEP 12:

Using a low expansion canned foam (NOT SUPPLIED) fill center void from top to bottom (half to three quarters of the door thickness) with the foam.

Picture #9



Picture #10

STEP 13:

After applying the foam, take the cover plate supplied with double side tape on back *(Picture #9)* clean the surface of the double gasket track *(Picture #10)* Peel the double side tape on the back and press firmly over the double gasket track on the back of the door (Picture #10). For best results, installation temperature needs to be above 50°F or adhesive may not adhere.,

STEP 14:

At this point, door panel assembly should be complete. If you should need any help, please contact our customer service department at **1-402-454-2106** and a representative will assist you.