



Assembly Instructions

Field Replacement of G2 Vinyl Panels / G2 Pulltrusions

Overview:

The replacement of your vinyl panels and/or pulltrusions is a simple and straightforward operation. It is very important to face the panels towards the correct direction and orientate the plugs as described below. It is also very important **not to over-tighten** the screws when installing, as it will crack the fiberglass pulltrusions.

Preparation:

All vinyl panels that are being replaced will have the rope welting prepared on each end, to verify see (Photo #1). This is to make clearance for the plug/screw.



Photo #1
(Rope Welting Preparation)

Removal:

To remove any given panel / pulltrusion you must first start by un-screwing the specific screw(s) that corresponds with that panel / pulltrusion. You will only need to un-screw the screw(s) approximately half of an inch ($\frac{1}{2}$ "). Then using needle nose pliers, you can begin to remove the screw and plug as a whole unit per the following photo (Photo #2).

NOTE: If your door system has black end caps installed you will need to remove the screw completely. Then rotate the end cap so the plug is exposed, re-insert screw $\frac{1}{2}$ " and use needle nose pliers as described above.

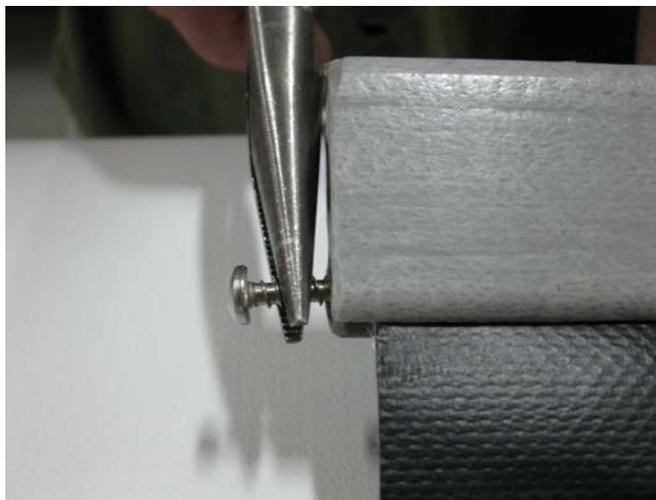


Photo #2
(Removal of Screw/Plug)

Repeat this process to all the remaining screws on that specific panel / pulltrusion. Now the vinyl panel or pulltrusion can be gently slid out. On wider doors, it may be necessary to have an extra person assist you with this removal.

Installation:

To properly install any given panel / pulltrusion make sure the flush side (front) of the panel is on the flat side (front) of the pulltrusion. Insert one rope hem end into the round profile channel of the pulltrusion (Photo #3) and slide it down the entire length of the pulltrusion, leaving approximately quarter of an inch ($\frac{1}{4}$ ") gap on each end (Photo #4).

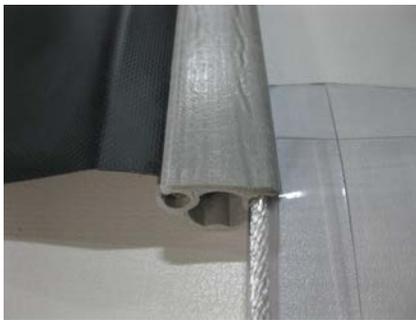


Photo #3

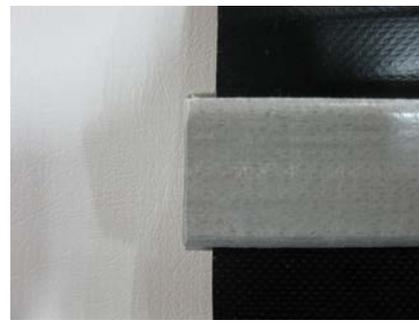


Photo #4

With the vinyl properly aligned, insert the plug into one end of the rope welding. Make sure the orientation of the plug is per the following photo (Photo #5). **It is very important** that the two “gripping fingers” are facing the inner walls of the pulltrusion. This is what holds tension on the vinyl keeping it from migrating side to side. Now carefully using any tool that has a flat surface, gently push the remainder of the plug flush with the end of the pulltrusion (Photo #6).

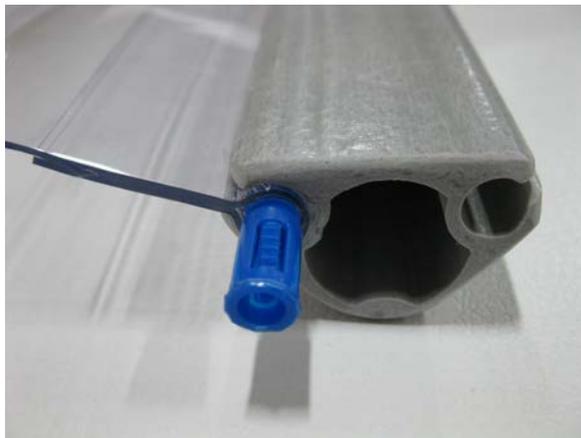


Photo #5
(Orientation of Plug)

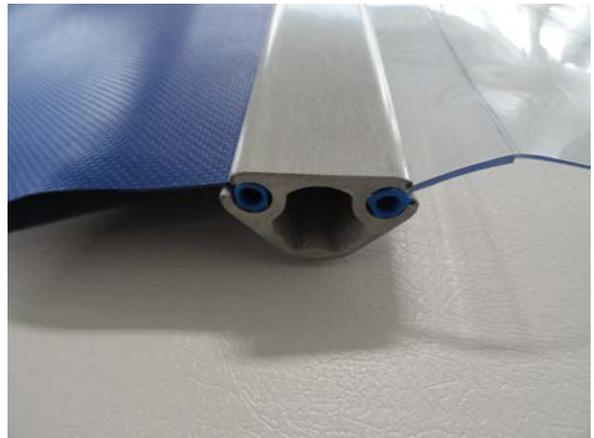


Photo #6
(Inserted Plug)

NOTE: If your door system has black end caps do not recess the plugs. Plugs will seat flush with the end of the pulltrusion. Skip next paragraph and refer to page 4 for final step.

Insert the supplied screw (**do not substitute**) into the end of the plug and screw it in approximately half of an inch ($\frac{1}{2}$ " see the following photo (Photo #7). Again, using any tool with a flat surface, gently push on the end of the screw until the plug is recessed in the pulltrusion about quarter of an inch ($\frac{1}{4}$ " (Photo #8).

NOTE: The two different types of screws used. Door systems without end caps use a “Pan Head” screw, while door systems with end caps use a “Flat Head” profile.



Photo #7
(Screw Inserted into Plug)

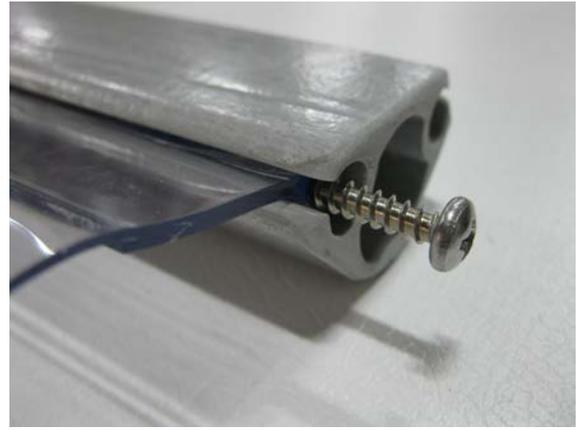


Photo #8
(Recessed Plug for Door Systems w/o End Caps)

Tighten the screw until the screw head seats flush with the end of the plug (Photo #9) or End Cap (Photo #10) or Glide Cap (Photo#11). We strongly recommend using a #2 Phillips torque screwdriver with a setting of 5in. lbs. to do this step. It is very easy to over-tighten the screw and crack the fiberglass; this will cause a failure in the future. If the pulltrusion cracks for any reason, do not use it and contact the factory for a replacement.



Photo #9
(Completed End w/o End Cap)



Photo #10
(Completed End w/ End Cap)



Photo #11
(Completed End w/ Glide Cap)

The assembly and installation of your vinyl panel(s) or pulltrusion(s) is now complete and it is ready for typical operation. It is a virtually maintenance free unit and will give you years of reliable service.

We want to thank you again for your business and the opportunity to partner with your firm on this project. Please don't hesitate to contact us if you have any questions regarding these instructions or encounter any problems with the installation or performance of your G2 door.