



Shaver Industries

20 Steckle Place, Kitchener, ON N2E 2C3
Ph 1(888) 766 8328
www.shaverinc.com

Door and Roller Cross-Drilling Instructions

Cross-drilling and pinning the rollers of your Shaver's Door to the horizontal pulltrusions can substantially increase the static wind load resistance of your doors. If your door is oriented in such a manner that it is exposed to direct wind loads, gusts, or pressure differentials it is strongly recommended that you install this kit on one or more pulltrusions. Please note that if your "gravity drop" doors will not close or open due to wind load this kit will not alleviate the problem.

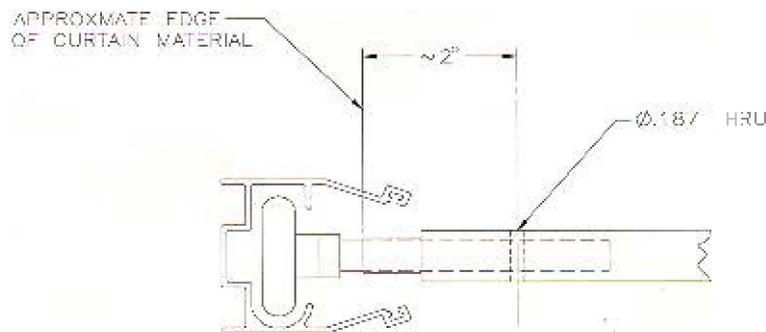
The nylon cross pins are designed to shear in the case of an impact to the door. If this should happen it will necessary to press out the remnants of the sheared pin and replace it with a new unit.

It is usually not necessary to install the pins in all of the cross stiffeners (pulltrusions). Often pinning just the "second from bottom" stiffener will be sufficient.

INSTALLATION:

Please review the following diagram in order to determine the drill location for your pins.

Make sure that the roller is centered in the track before drilling



As noted, make sure that the roller is centered in the track before drilling. It may be necessary to slightly peel the EPDM sealing strip back to expose the correct location. When drilling the holes (3/16" diameter), make sure that you are centered on the pulltrusion and drill completely through both layers of the vinyl, both walls of the fiberglass pulltrusion and steel roller shank. After the hole has been drilled quickly install the nylon pin before the roller shaft has an opportunity to spin. Repeat this procedure for the other end of the pulltrusion.

Additional Notes:

Pinned rollers can not compensate for vertical misalignment of the aluminum extrusions. It may be necessary to re-align the extrusions if you encounter any roller binding.

If you are running a weighted lower pulltrusion it is important that the load generated by tile weight holds the vinyl in tension. If the pulltrusion rests on the lower chain pocket or floor the benefit of using a weighted pulltrusion is lost. Set your "closed" end stop position (lower limit) so that the chain pocket just touches the floor with minimal compression.