

# WINCO Window Company



## Installation Instruction Manual

This is a Generic version with the most common trim configurations included. If the project is furnished with a Shop Drawing Packet prepared by WINCO, a project specific installation manual may also be issued in PDF format along with the 1<sup>st</sup> Shop Drawing Submittal. A project specific manual supersedes this generic manual.

# Snap Trim Installation

Generic frame and trim extrusions shown, actual extrusions used may differ.

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1) Place intermittent shim packs or PVC Frame Filler into the window frame cavity. This will act as support for the sealant backer rod later. See Fig. 1

2) Place the window into the final installation position and plumb / level the unit with shims. Care must be taken to maintain all frame corners square. See Fig. 2  
No shims must be sticking out beyond the interior plane of the window.

3) WINCO furnishes the snap trim cut long & square. Determine the final length of the snap trim base and cut to size. The base does not have to be cut to exact dimension since it will be concealed by the snap on cover later. Lay out the anchor spacing for both the primary wind load anchors and the back anchors. Pre-drill the aluminum as required. The primary anchor secures the snap trim base to the wall substrate, the back anchor connects the window and the snap trim base. The back anchor is often a self drilling screw. Since the geometry of the load path and the fastener diameter differ between the primary anchor and the back anchor, the spacing of the two anchor types will differ in most installations. Using the snap trim base as template, drill fastener clearance holes as required. See Fig. 3

4) Place the snap trim base into position. If the primary anchors require a pilot hole in the wall substrate, mark the hole locations using the snap trim base. Set the base aside and drill as required. Refer to fastener documentation for hole size. Clean and dust debris and chips as necessary and place the base into position. Blind holes in concrete or CMU will require removal of dust from the hole itself. Replace the trim base and insert a primary anchor on each end and tighten it. Install the back anchors to secure the window to the snap trim base. Repeat this process on all four sides. Insert the balance of the primary anchors into position and torque them as required to achieve full anchor capacity. See Fig. 4

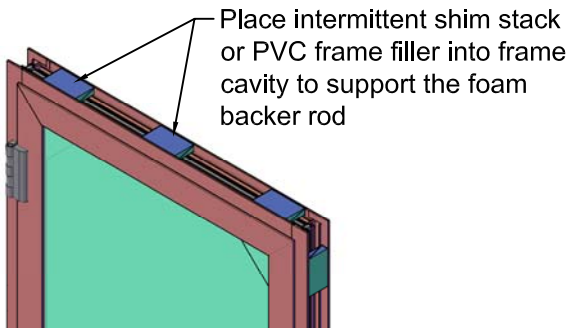


Fig. 1

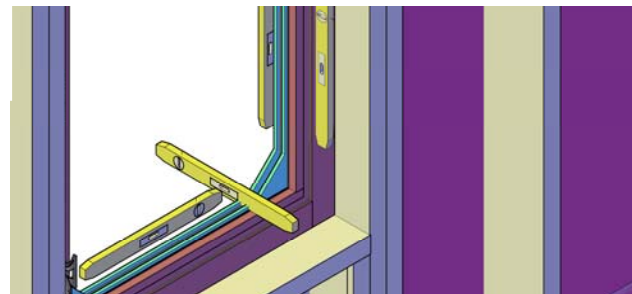


Fig. 2

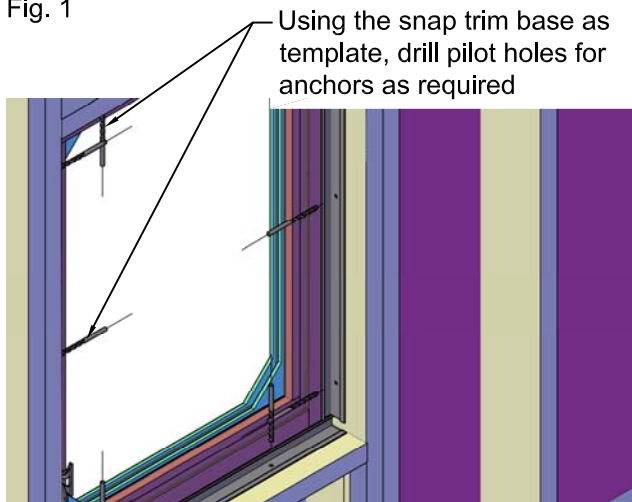


Fig. 3

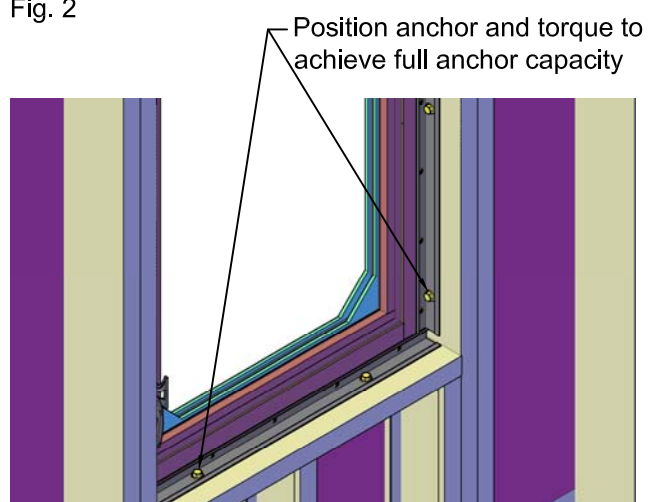


Fig. 4

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5) The snap trim cover should be cut as accurate as possible. Snap in the sides running through first and then the intersecting covers. See Fig. 5

6) On the Building Exterior, place foam backer rod between the condition and the windows to act as bond breaker and limit the amount of sealant pumped into the joint. Lay a continuous bead of sealant along the entire exterior perimeter joint. Tool sealant as required. - Refer to sealant manufacturer's instructions. See Fig. 6

A typical snap trim installation is now complete.

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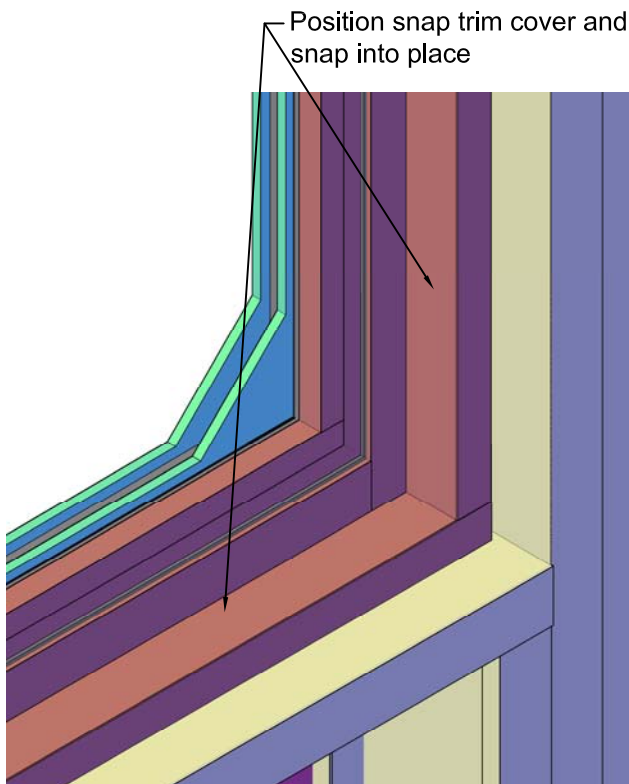


Fig. 5 - Viewed from Building Interior

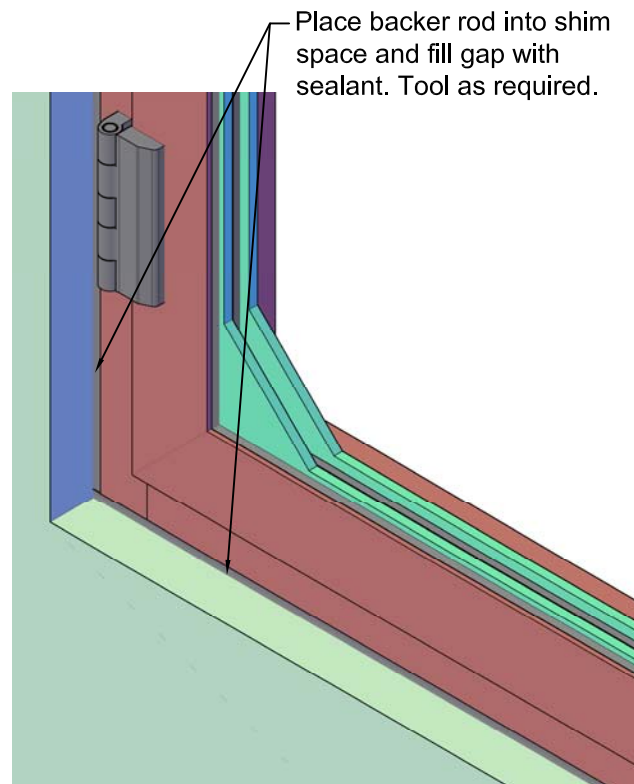


Fig. 6 - Viewed from Building Exterior

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7) IF additional exterior snap trim is required for aesthetic reasons, cut the exterior snap trim base to final size and position the snap trim base to cover the sealant installed in step 6. See Fig. 7

8) Attach the exterior trim base with self drilling screws to the window frame. See Fig. 8

9) Lay a small bead of sealant on the snap trim base toe to limit water intrusion between the wall substrate and the trim. Also, lay a small bead of sealant at the opposite trim hook to limit water intrusion between snap trim base and window. See Fig. 9

If the snap trim base is set in a bed of sealant, the sealant in step 9 can be omitted.

This sealant is not intended to replace the primary weather seal installed in step 6. It is only intended to limit water intrusion and accumulation on the under side of the exterior snap trim which could cause problems during a freeze / thaw cycle and deform the exterior snap trim.

10) The exterior snap trim cover should cut as accurate as possible. Scrolled or other non-rectangular trim shapes will require a miter joint. Snap the cover into position and clean any sealant squeeze-out. See Fig. 10

Some snap trim covers are designed to take an additional bead of sealant at the wall perimeter. If this applies to your project, apply the sealant and tool as required.

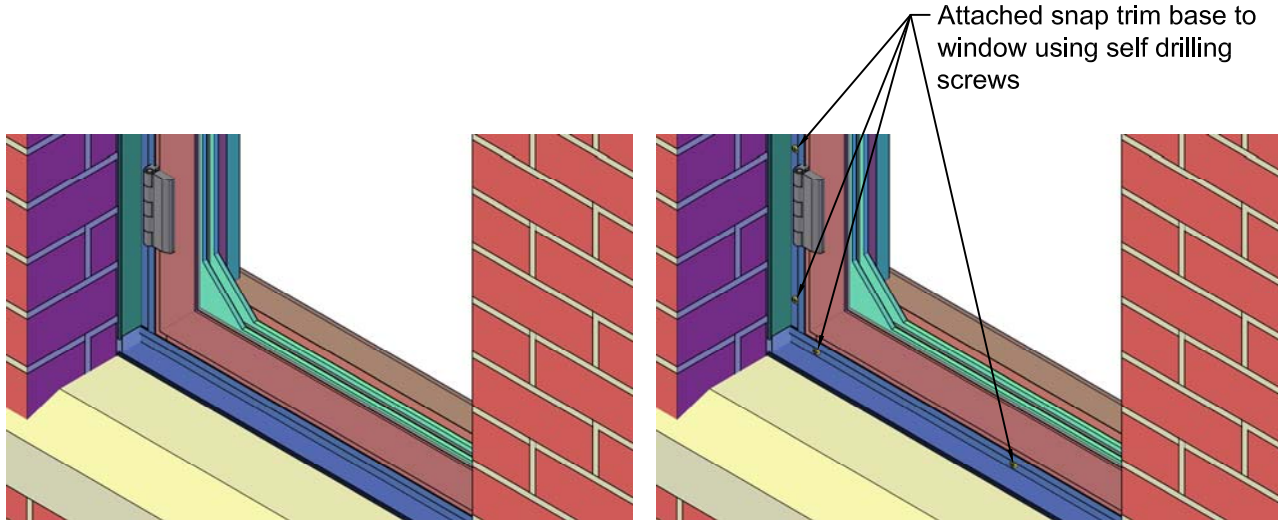


Fig. 7

Fig. 8

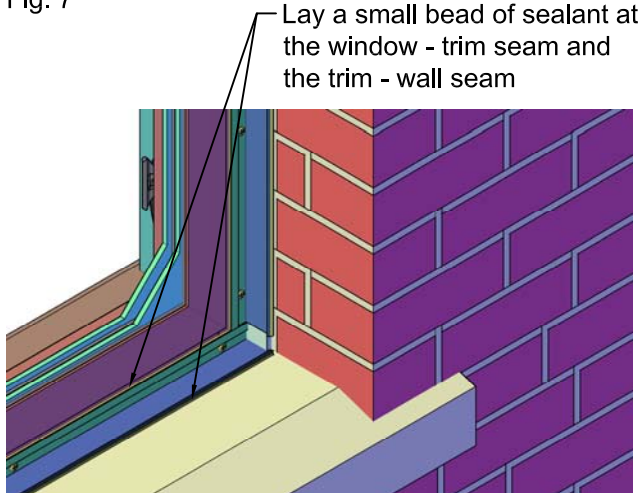


Fig. 9

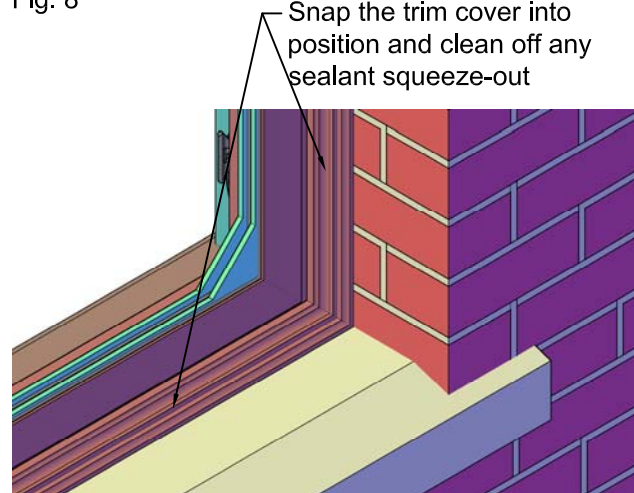


Fig. 10

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