

### I. Applications:

For Casement windows when a Window Opening Control Device (WOCD) is desired. Settling may occur with the vent, to reduce misalignment between the Track and Limit arm, the WOCD should be mounted after the Window has been installed.

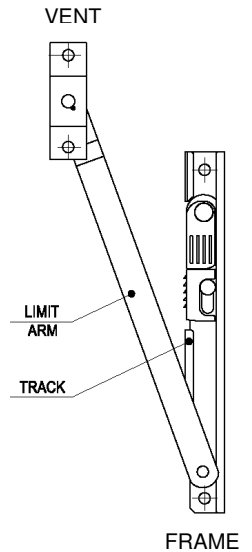
When ordering the WOCD, match the hinge location from the exterior.

### II. Tools Required:

Measuring tape or ruler, drill, #25 drill bit, Phillips bit / screwdriver, a pencil/marker.

Parts to be shipped in Red Bag:

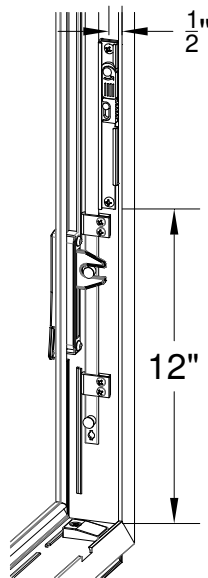
Qty	Description	FWID
1	WOCD- LH or RH (determined by customer)	27248 (LH) 27247 (RH)
1	WOCD Frame Shim, 6-1/4"	27264
1	WOCD Vent Shim, 2"	27265
4	#10 PHP-B Screw, 1/2"	20338



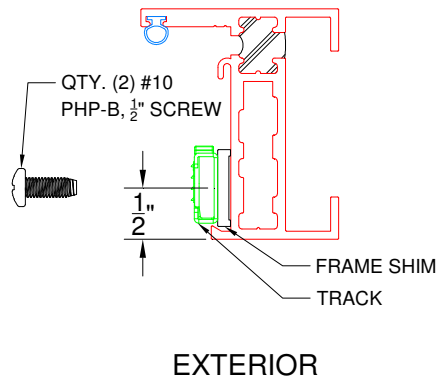
**Figure 1:**  
WOCD Illustration  
(RH Shown)

### III. Track Installation:

1. With the vent open, measure 12" up on the interior of the frame (Figure 2), mark the location on the vertical jamb where the WOCD is to be placed.
2. Place the bottom of the track on the marked location.
3. Mark the two (2) hole locations of the track. These hole locations should be a 1/2" from the exterior, Figure 3.
4. Drill a hole in the center of the marked holes using a #25 drill bit.
5. Place the Frame Shim between the track and jamb and fasten using #10 FHP-A-UC Screw, 1/2" Screw (Figure 3).



**Figure 2:**  
Frame Measurement Location  
(LH Window Frame Illustrated)

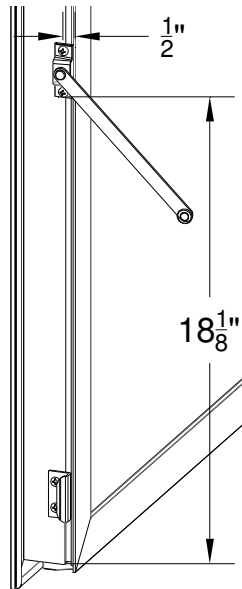


**Figure 3:**  
Track Installation Location  
(Top View, LH WOCD Shown)

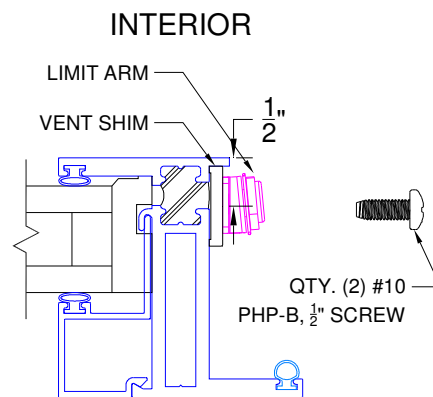
#### IV. Limit Arm Installation:

**Note:** Due to vent settling, the positioning of the Limit arm may need to be adjusted up or down. Use the following measurement as reference to properly align the limit arm into the track. Limit arm should remain within the track (during normal window operation) unless released using two step release process.

1. From the bottom of the vent measure up 18-1/8", mark the location (Figure 4).
2. Place the bottom of the limit arm mount at the marked location.
3. Mark the two (2) hole locations of the limit arm. These hole locations should be a 1/2" from the interior, Figure 4.
4. Drill a hole in the center of the marked holes using a #25 drill bit.
5. Place the Vent Shim between the Limit arm and jamb and fasten using #10 FHP-A-UC, 1/2" Screw.
6. Check operation of WOCD by opening and closing vent multiple times, Limit arm should remain within the track. Adjust as necessary.



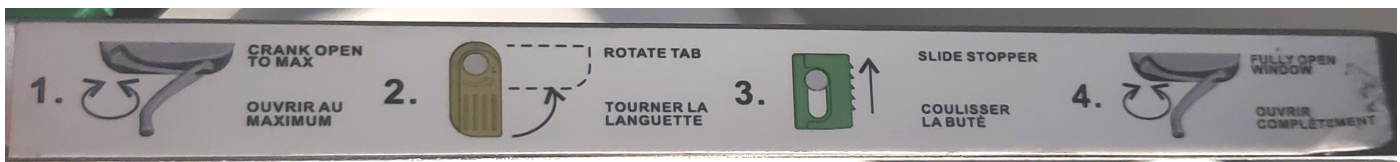
**Figure 4:**  
Limit Arm Location  
(LH Window Vent Illustrated)



**Figure 5:**  
Limit Arm Installation Location  
(Top View, LH WOCD Shown)

#### V. Limit Arm Release

1. Crank open to max
2. Rotate tab 90°
3. Slide stopper
4. Fully open window



**Figure 6:**  
Limit Arm Release