



# Square Trim Installation-Wood/Stone Ceilings

Recessed Housing Model 800 Series

(Not for use with 804D Series)

## Determining Housing Position For Trim

**IMPORTANT:** Housing must be in correct height position for Trim Kit model before installing Trim Kits.

**STEP 1:** Determine which Trim Kit model below is specified for use on housing.

Check Hanger Bracket position on housing according to **Table 1.1**.

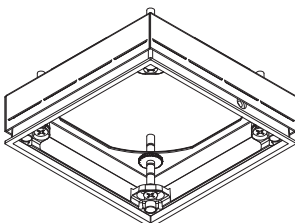
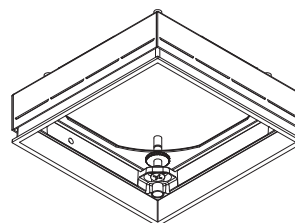
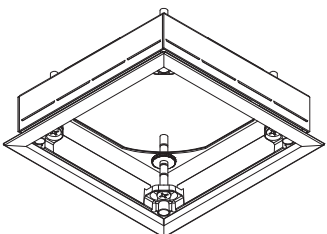
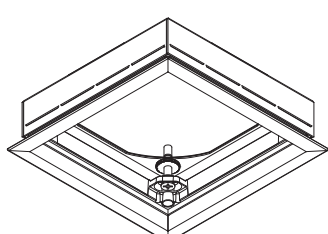
**STEP 2:** Adjust Hanger Bracket position as needed-**FIG 1.1, 1.2 & 1.3**.

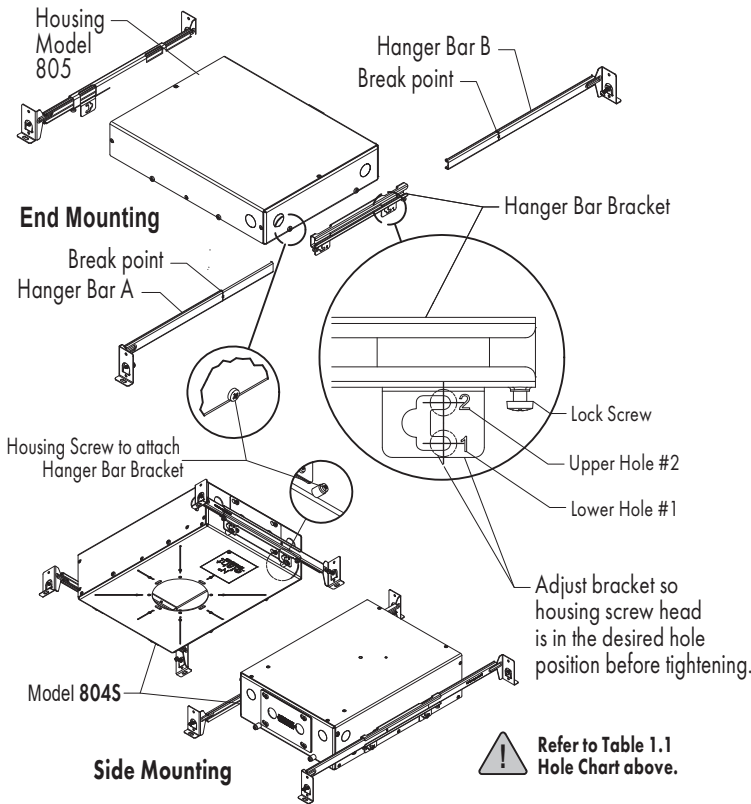
- ▶ For ceiling cutout details - see Page 2.
- ▶ For Trim assembly & adjustment details - see Page 3
- ▶ For Trim installation details - see Page 4

**Table 1.1 Hanger Bar Bracket Position Chart**

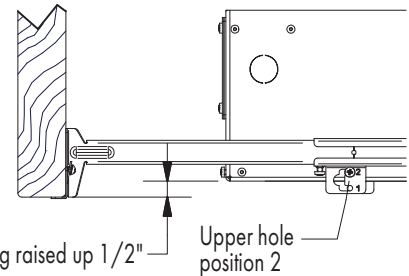
Trim Styles	For Ceiling Thickness Range	Position #
FS-W, FLS-W	1/4" to 3/4"	Upper (#2)
	3/4" to 1-1/2"	Lower (#1)
INS-W, FLINS-W	1/2" to 1"	Upper (#2)
	1" to 1-1/2"	Lower (#1)

### Trim Kit Models

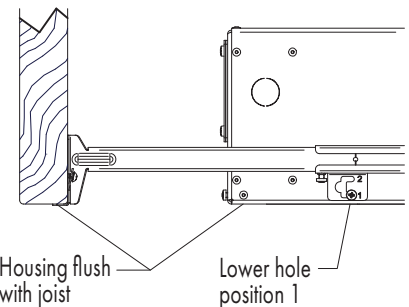
	For Flush Fit Trim Plates	For Inset Fit Trim Plates
Non-Flanged	<b>FS-W</b> 	<b>INS-W</b> 
Flanged	<b>FLS-W</b> 	<b>FLINS-W</b> 



**FIG 1.1 Installing Hanger Bar & Hanger Bracket Set**



**FIG 1.2 Hole Position 2 Housing Location**



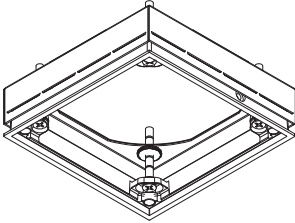
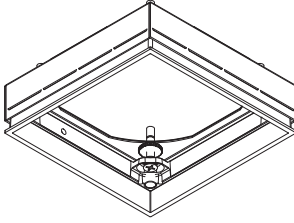
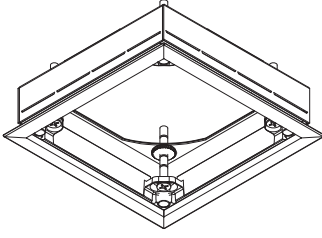
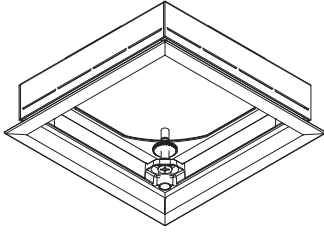
**FIG 1.3 Hole Position 1 Housing Location**

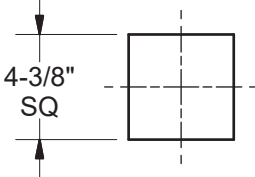
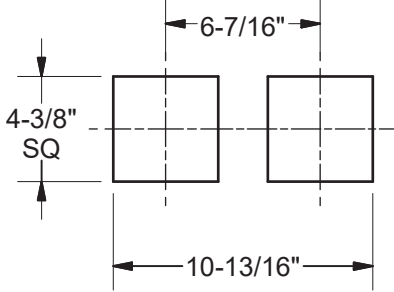
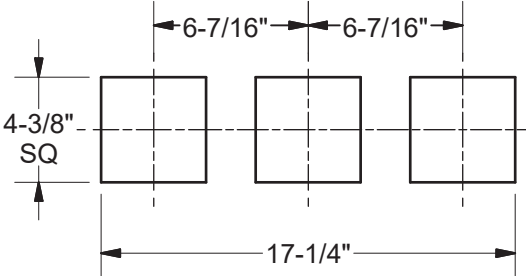
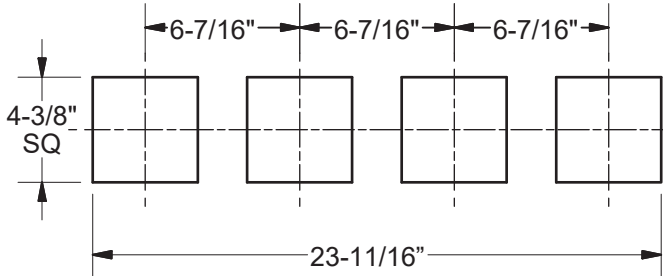
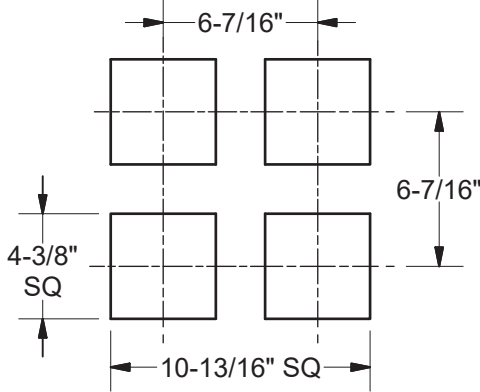
## Square Trim Cutout Chart-Wood/Stone Ceilings

**STEP 2** Accurately measure cutout location for housing aperture centers & mark centers in ceiling board. Cut openings in ceiling board as dimensioned below.



**Important:** Cutout location accuracy is critical, always double check measurements before cutting.

Trim Type	Square Trims			
	Non-Flanged		Flanged	
				
	<b>FS-W</b>	<b>INS-W</b>	<b>FLS-W</b>	<b>FLINS-W</b>
	<b>IMPORTANT</b> -For Non-Flanged trims only: All FS-W & INS-W cutout edges will be exposed after assembly & must be sharp & clean.			

1 Lamp Housing		2 Lamp Housing	
3 Lamp Housing		4 Lamp Housing	
4 Lamp Housing		<div><p>All Square Cutout tolerances:</p><p><b>FS-W</b> <math>\pm 1/32"</math></p><p><b>INS-W</b> <math>\pm 1/32"</math></p><p><b>FLS-W</b> <math>+1/8"-1/16"</math></p><p><b>FLINS-W</b> <math>+1/8"-1/16"</math></p><p><b>CTR to CTR</b> <math>\pm 1/32"</math></p></div>	



## Square Trim Assembly & Adjustment-Wood/Stone Ceilings

STEP 3 If painting is required, temporarily separate Light Shield & Retainer Gasket from Trim Kit & paint Trim & Trim Plate (see note in FIG 3.1).

STEP 4 Before installing, rough adjust Trim Kit height to approximate ceiling-to-Housing depth. Use Screws & Round Nuts to set rough height of Trim-FIG 3.1 & 3.2.

**Note:** For some installations the Light Shield will need to be shortened in height. To shorten Light Shield simply snap off short perforated edges on all sides by repeatedly bending them back & forth. Straighten remaining sides of Light Shield by hand bending if warped-FIG 3.2.

STEP 5 To reduce possibility of light leak, apply Stickers over unused holes & slots as shown-FIG 3.3.

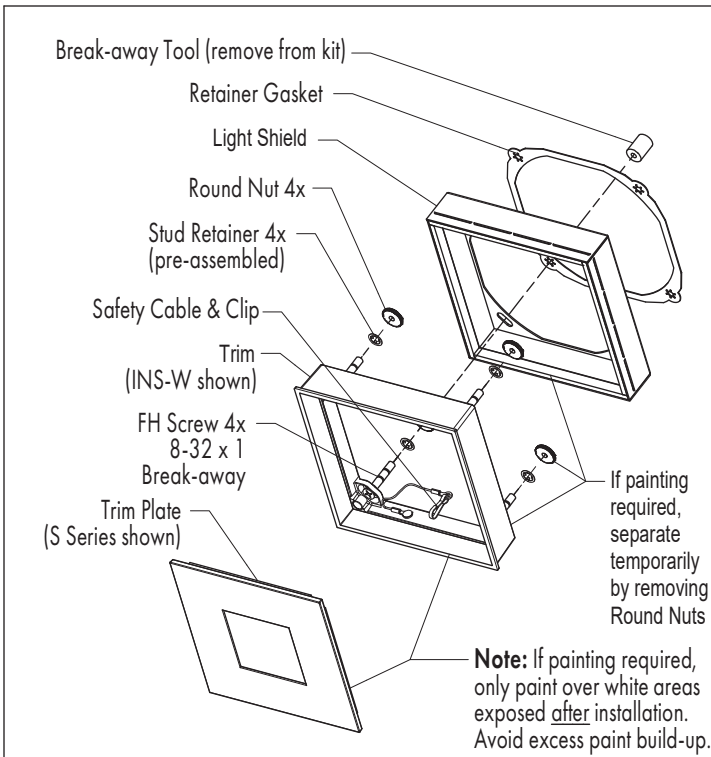


FIG 3.1 Trim Kit Assembly

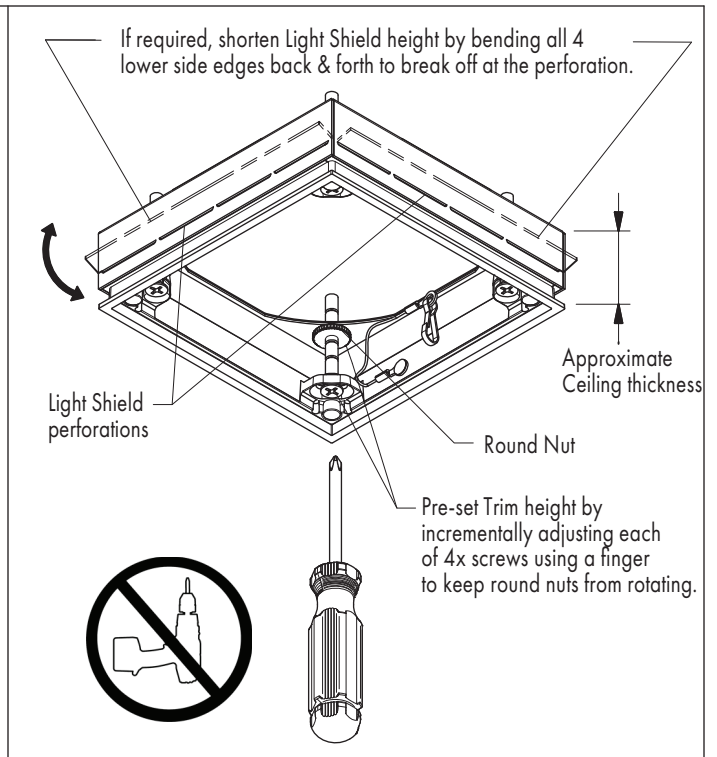


FIG 3.2 Pre-adjust Trim Kit Height

### ! IMPORTANT

Stickers are required on all Housing Model Series 804S & 805

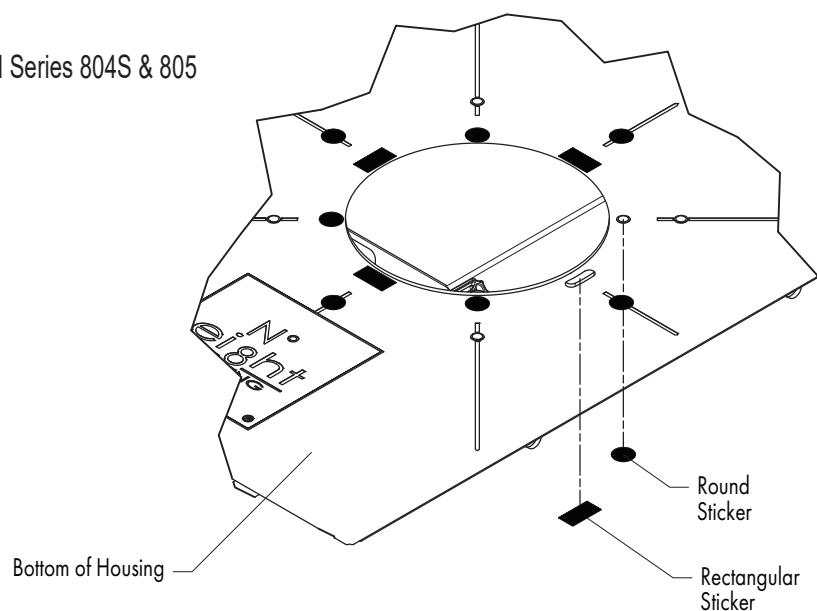


FIG 3.3 Add Stickers to Housing Aperture Holes & Slots



## Square Trim Installation-Wood/Stone Ceilings

**Caution:** Be sure Round Nuts are not locked against Trim or Housing during installation & adjustment.

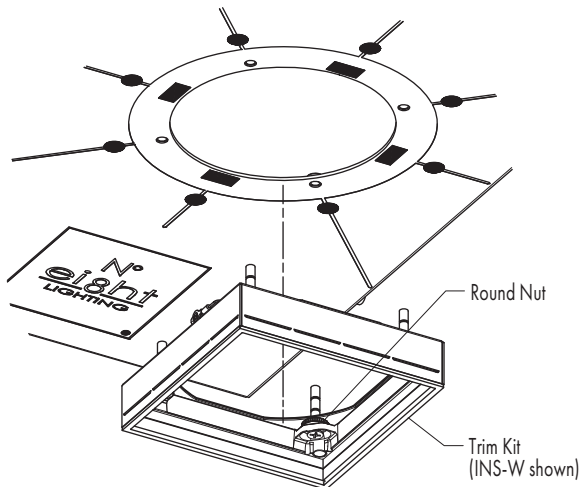
Use Phillips type screwdriver only! Do not use power driver on Break-away Screws!

STEP 6 Position Trim Kit so Break-away Screws line up with Housing holes & attach to Housing by fastening each of the 4 Break-away Screws in small, equal increments to avoid binding-FIG 4.1.

STEP 7 After completing height adjustment, break off Break-away Screw sections as needed to avoid interference with A & B lamping modules-FIG 4.3.

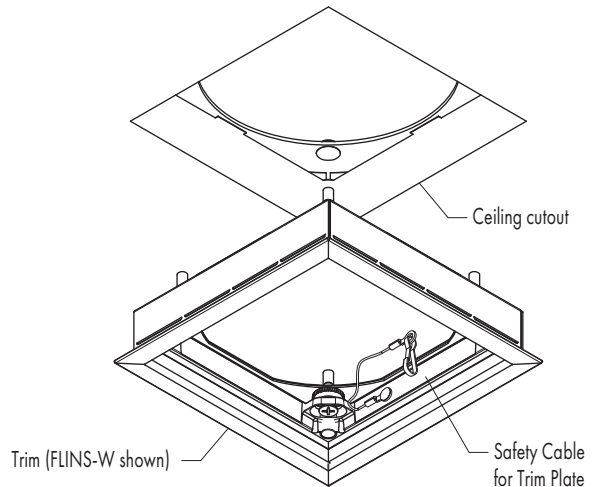
**Adjustment Notes:** Adjust each screw until Trim is level with ceiling & secure Trim position by hand tightening Round Nuts against Light Shield-FIG 4.3.

Slots in Trim screw bosses permit 6 deg of adjustment for aligning Trim Kit with ceiling opening, walls & other fixtures-FIG 4.3.



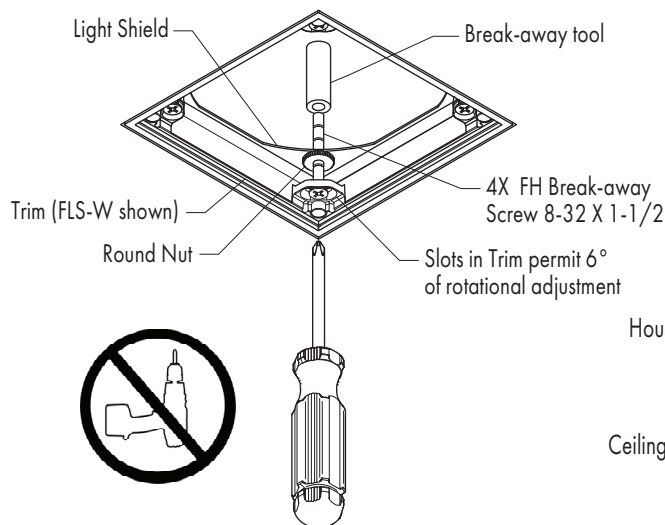
**Note:** FS-W & INS-W Trim Kits can be attached to Housing with or without ceiling already installed (Single Lamp Housing shown)

FIG 4.1 FS-W & INS-W



**Note:** FLS-W & FLINS-W Trim Kits must be attached after ceiling is installed.

FIG 4.2 FLS-W & FLINS-W



**Note:** After installing Trim to housing, fine adjust Trim Kit height level with ceiling then Snap off un-needed screw sections using Break-away tool supplied.

**CAUTION:** Be sure to check that Trim is set to correct height for Housing before breaking off Screws. No more than 1 screw section should be visible above Light Shield to avoid interference with adjustable lamp modules.

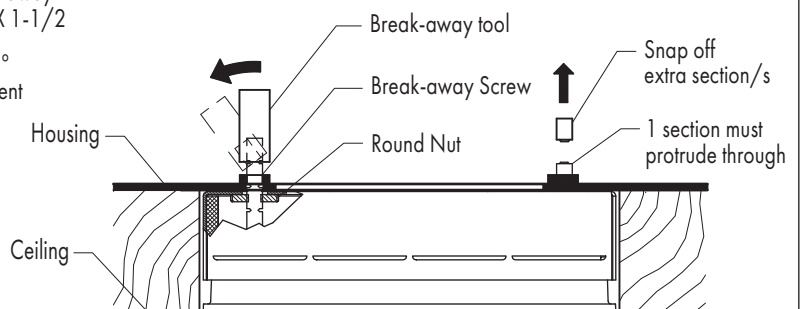


FIG 4.3 Fine adjust Trim Kit height & Break-away Screw height after installation

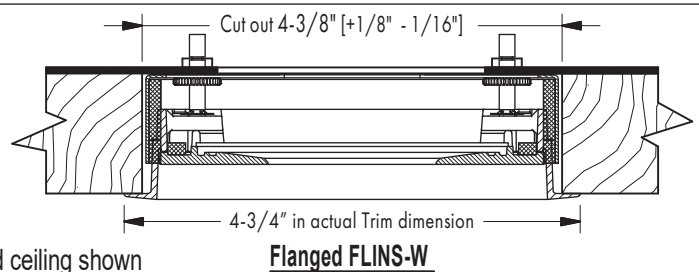
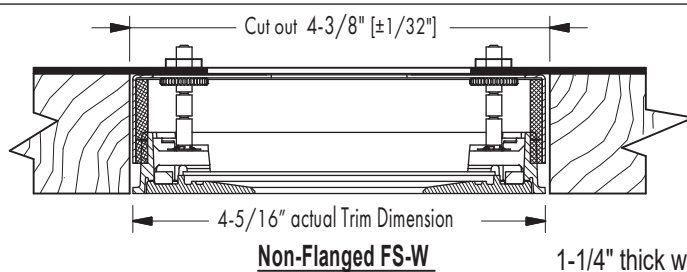


FIG 4.4 Section Views