



MARKAR EG108 EDGE GUARD INSTALLATION

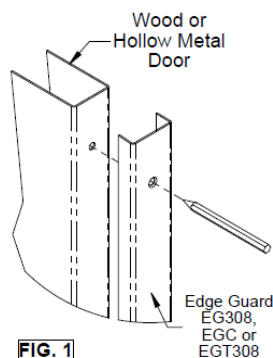


FIG. 1

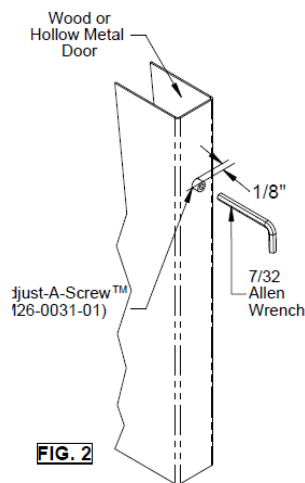


FIG. 2

STEP 1. Door Preparation.

1. Place the edge guard on the edge of the door. Position the top of the edge guard so that it's flush with the top of the door. (Fig. 1).
2. Mark and center punch each hole on the door with the edge guard held firmly in place. Remove the edge guard from the door and prepare to drill the holes.
3. Drill holes:

Non Adjustable Edge Guard

Wood Doors: drill all holes using a #28 or 9/64" drill bit

Hollow Metal Doors: drill all holes using a #16 drill bit
• If hollow metal door is reinforced, thread all holes with 12-24 tap.

Optional: Adjustable Edge Guard (Adjust-A-Screw™ are Needed) EG308 & EGT308 Only

Wood Doors: drill all holes using a #28 or 9/64 drill bit, then enlarge hole to 5/16" with a minimum depth of 1-3/8".
• Insert Adjust-A-Screws (Hex Head 3/8-16 External Thread, #10-32 Internal Thread (M26-0031-01)) into every hole. Place a 7/32" Allen wrench in the opening of the Adjust-A-Screw and turn the Adjust-A-Screw into the hole while keeping the screw properly aligned as shown (Fig. 2). Drive all the Adjust-A-Screws in until it's approximately 1/8" from edge of door.
(Adjust-A-Screw™ will self tap)

Hollow Metal Doors: drill all holes using a #28 or 9/64 drill bit, then enlarge hole with 5/16" bit.
• tap all holes with 3/8-16 thread
• Insert Adjust-A-Screws into every hole. Place a 7/32" Allen wrench in the opening of the Adjust-A-Screw and turn the Adjust-A-Screw into the hole while keeping the screw properly aligned as shown (Fig. 2). Drive all the Adjust-A-Screws in until it is approximately 1/8" from edge of door.

Note: It's not necessary to tap the holes in wood doors since Adjust-A-Screws cut their own threads. Do not be concerned with the tight fit. Adjust-A-Screw are designed for a tight friction fit in the tapped holes so they will not turn when the attachment screw is being tightened. If the Adjust-A-Screws turn too freely, apply Loctite™ for threaded joints to the screw threads during installation.

STEP 2. Installing the Edge Guard

Non Adjustable (Fig. 3)

Wood: Attach Edge Guard to the door using #12-8 x 1-1/2" Flat Head Particle Board Screws (PBS12150SP10SS).

Hollow Metal: Attach Edge Guard to the door using #12-24 x 11/16" Flat Head Undercut Self Drilling Machine Screws (TKS1267SP10SS).

Adjustable (Fig. 4)

Wood & Hollow Metal doors: Attach Edge Guard to the door using #10-32 x 3/4" Flat Head Machine Screws (MS10075SS). Install the top & bottom screws first, then close door to check alignment. See special note below.

Special Note (Adjustable Option):

If the clearance is sufficient, install and tighten the remaining screws into the Adjust-A-Screws. If the edge guard requires adjustment for proper clearance, make this adjustment with the two screws installed without removing the edge guard. Remove the top screw and insert the Allen wrench through the hole into the Adjust-A-Screw. Turn the Adjust-A-Screw in the direction desired for adjustment. One full turn of the Allen Wrench is equal to 1/16". Reinstall the screw. Adjust the bottom Adjust-A-Screw in the same manner. Close the door to verify proper clearance in the opening. The balance of the Adjust-A-Screw should be adjusted in the same manner until all are resting firmly against the inside face of the edge guard. Then install and tighten the remaining machine screws.

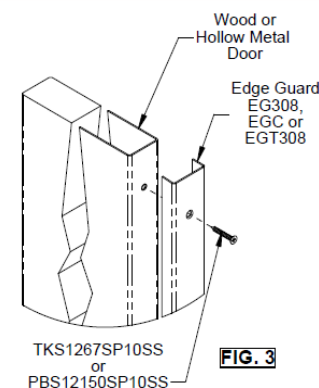


FIG. 3

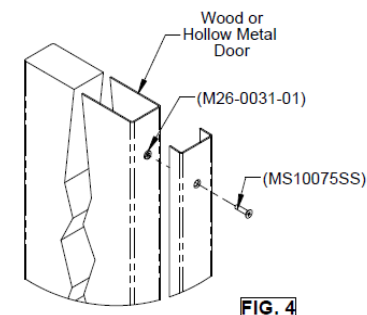
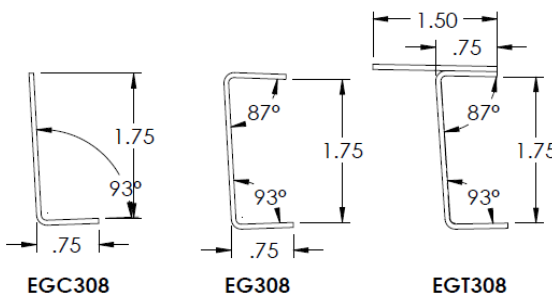


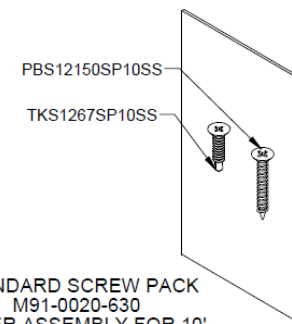
FIG. 4



EGC308

EG308

EGT308



STANDARD SCREW PACK
M91-0020-630
(2) PER ASSEMBLY FOR 10'
(1) PER ASSEMBLY ALL OTHERS

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EG308, EGC308 & EGT308 INSTALLATION INSTRUCTIONS
M80-0180-0308 Rev. F

PRODUCT MUST BE INSTALLED
ACCORDING TO ALL APPLICABLE
BUILDING AND LIFE SAFETY CODES

INSTALLATION INSTRUCTIONS

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