

EXCALIBUR Installation Instructions

Read All Directions Carefully Before Starting Work.

This EXCALIBUR® Solid Aluminum Threshold Kit has been developed to make the job of installation as simple as possible. However, certain procedures are critical, so be sure you understand every step before starting the first. The EXCALIBUR® Threshold must be applied to clean, dry, concrete. It is NOT necessary to remove the existing weatherstripping from door bottom. This product is not recommended for broken concrete or gravel surfaces.

Tools You Will Need

Included in the kit:

- Aluminum threshold
- Concrete anchors
- Sealant

You will need:

- Hammer drill
- 3/8" masonry bit
- Phillips head screw driver
- Hammer
- Utility knife
- Caulk gun
- Pencil
- Tape measure



(A)

Fitting the Threshold

1. With the garage door open, center threshold between the garage door track (the channel the door rollers ride in) (A). Trim length if necessary with a hack saw.

2. Now lower the garage door down on top of the Threshold (B). From the inside, push the 45° hump against the back of the bottom of the garage door for proper seal. The 45° hump must be to the inside of the garage door. (Notch Threshold around door jambs if necessary.) Trace the inside edge with a pencil. Carefully raise the door and trace the outside of the Threshold and mark the drill holes (C).

3. Secure Threshold in place. Drill anchor holes into the concrete with a 3/8" masonry bit. It is best to drill anchor holes through the counter sink holes of the Threshold to ensure proper spacing. Makes sure the Threshold does not shift during the drilling process. Anchor holes must be at least 3/4" deep to accept the anchor sleeves. Once all holes are drilled remove the Threshold. Widen the anchor holes with drill if necessary and remove concrete dust from the hole. Sweep the area clean.



(D)

Installing the Threshold

4. Turn the Threshold over so the underside is facing up. Spread 1/4" beads of sealant into the (2) tapered grooves along the entire length of the Threshold (D). Do not put sealant in the rounded groove.

This groove is reserved for running photo eye or security wires through the Threshold. Carefully place the Threshold back into position with the sealant against the floor and align the holes. Make sure the head of each anchor is threaded 3-4 turns onto the bolt before inserting it into the hole. Install the two end anchors first. Push the anchors through the Threshold and into the pre drilled holes in the concrete. Tap gently with a hammer until the anchor is fully embedded in the concrete (E).

The anchor head should fit flush into the countersink hole of the Threshold. Hammering too hard will bend the head and cause the anchor to seat improperly. Widen the holes if the anchors are fitting too snug. Once all the anchors have been tapped into the proper depth tighten down with a large headed Phillips screw driver.

NOTE: It may be necessary to adjust the alarm magnet, garage door side locks or the electric garage door opener due to a change in the door's position. Please refer to your original manufacturer's guidelines for these procedures.



(B)



(C)



(E)