



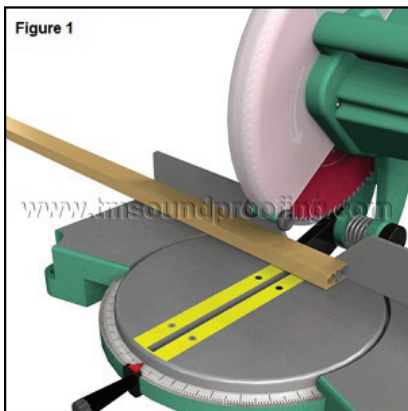
# Surface Mounted Automatic Door Bottom Installation Guide

***Automatic Door Bottoms are available with three mounting options: Surface Mounted, Semi-Mortised and Fully Mortised. A surface mounted application can be applied without removing the door from its hinges. For a semi-mortised, if the rabbet in the door is cut-out already, the door does not need to be removed. For a fully mortised application the door should be removed before starting.***

## **STEP 1: SIZING YOUR DOOR BOTTOM**

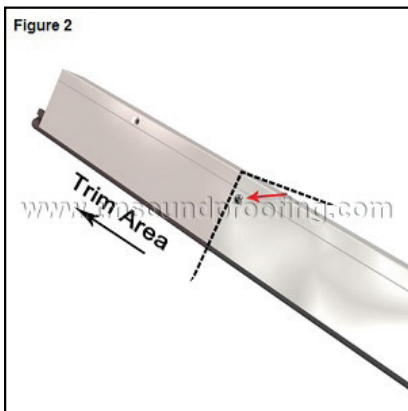
Once your door is ready for installation you need to determine the size required for your door bottom. Most of our Automatic Door Bottoms are custom cut by the manufacturer to the size requested. However, if you chose, you can trim your door bottom on the field, see below.

- **For a Surface Mounted Application:** Measure the distance between the two stop moldings, or if a perimeter door gasket is applied, measure the distance between the two installed gaskets, then minus 1/8-1/4" (.125") from the total distance. That is the size needed for your door bottom.
- **For a Semi-Mortised and Fully Mortised Application:** Measure your door from side to side; that is the measurement needed for your automatic door bottom.



Once you have you determine the size needed, if necessary, trim your door bottom. Use a chop saw or table saw to create a perfectly straight cut.

**Note, Only trim opposite the actuating plunger, brass nut (see Figure 1). (Trimming from the brass nut side will ruin your ADB).**



**You can trim from the edge up to one inch of the screw in the side wall of the ADB (see Figure 2).**



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## STEP 2: PREP FOR ATTACHING AUTOMATIC DOOR BOTTOM

Surface Mounted and Semi-Mortised models need to be applied to the **push side of the door only** (the side with the door stops-see Figure 3). The actuating plunger needs to be applied to the hinge side of the door for **all** applications.

Place the automatic door bottom against the door

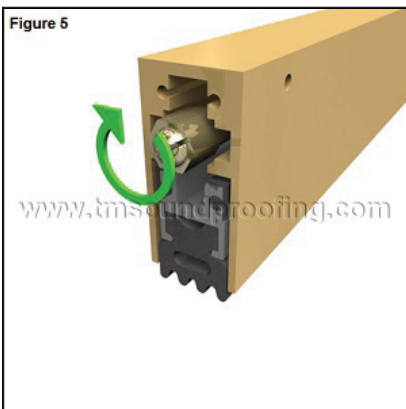
Once you have the automatic door bottom leveled and positioned correctly, with a pencil or marker mark where the attachment screws need to be drilled.



## STEP 3: ATTACHING THE AUTOMATIC DOOR BOTTOM

To make installation easier you can drill a pilot hole which will ensure you attach the door bottom to the correctly marked spot (see Figure 4). With the screws provided, screw in the automatic door bottom.

In some models, a plate is provided for the hinge side of the frame. This will protect the door frame from getting worn down by the actuating plunger. If provided, attach to corresponding point on the frame.



## STEP 4: TESTING YOUR AUTOMATIC DOOR BOTTOM

Now that the door bottom is attached, test the door bottom by opening and closing the door to ensure there is a full seal. If the seal does not come down far enough twist the brass nut out, if it seals too tight twist the brass nut in (see Figure 5).

*Once you have followed through with all the instructions your Automatic Door Bottom is good to go! Enjoy years of quality sound, draft and light infiltration control with your new door bottom.*

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