



## Installation Instructions:

These patent pending Automatic Door Bottoms are surface mounted or semi-mortise mounted types.

NOTE: If fire labeling is required, door construction must be approved for semi-mortise.

1. Disassembly and reassembly of the mechanism is required to reverse the hand. For fitting, these door bottoms may be cut down a maximum of 2". The sheet metal screws provided (Type AB) will accommodate both hollow metal or wood door installations.
2. Cut from end opposite actuating plunger only.
3. Field sizing:
  - a) ADBs less than 24" **CANNOT** be cut down
  - b) ADBs 24" or greater can be cut a maximum of 2"
4. All models may be reversed for left or right hand installations. All models may be trimmed down 2". However, it is necessary to determine the hand and reverse the mechanism (if required) prior to cutting down the unit to fit the door.
5. To reverse (see Figure 1), remove the small anchoring screw on the back of the unit, and slide out the drop bar and plunger assemblies together. Replace these assemblies in the opposite end, line up the hole in the end anchor with the pre-drilled hole in the case, and replace the retaining screw.

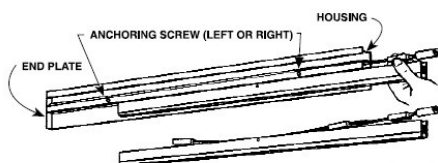


Figure 1 - Reversing the Mechanism

6. After the hand is determined and the unit is cut to size (cut end opposite plunger), with the actuating plunger at the hinge side, fasten the door bottom to the door with the screws provided.
  - For semi-mortise mounted installation, the plunger contacts the jamb face (as shown in Figure 2).
  - For surface mounted installation, the plunger contacts the stop (as shown in Figure 3).

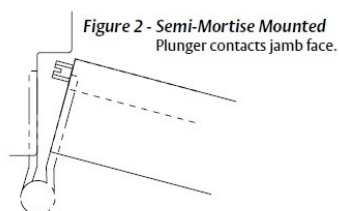


Figure 2 - Semi-Mortise Mounted  
Plunger contacts jamb face.

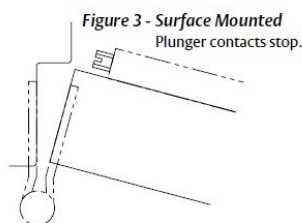


Figure 3 - Surface Mounted  
Plunger contacts stop.

7. The underside edge of the door bottom case should be flush with the bottom of the door. For wood jambs, a #10 x 1/2" flat head screw is furnished for installation at the point where the plunger contacts the jamb to prevent indenting.
8. All models may be set to seal up to a 5/8" gap under the door by turning the adjusting screw on the plunger counter clockwise until seal just touches the floor surface when the door is closed. It is not necessary to squash the seal against the floor for a good seal.

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