

## INSTALLATION OF DOOR CLOSER

Choose mounting location of door closer

- A) Top of door installation (Fig.3)
- B) Mid door installation (Fig.2)

### JAMB BRACKET

1. Position bracket on jamb as indicated in (Fig.1). Straight side of bracket should be 2-1/8" away from inside door frame face. Arrow on jamb bracket must point towards storm door.

\* *Make sure the closer will be level.*

#### For top of door installation: (jamb bracket)

Leave 1" (25.4mm) from head jamb of door frame to the jamb bracket. (Fig.3)

- 2. Mark screw locations.
- 3. Fasten with four 12 X 1 1/4" screws.

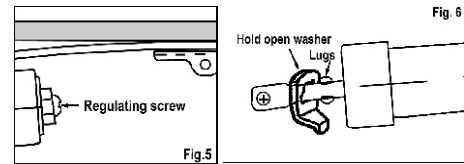
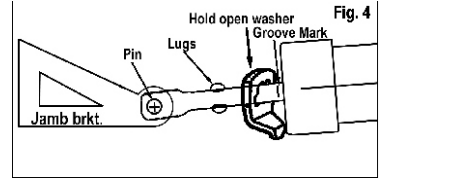
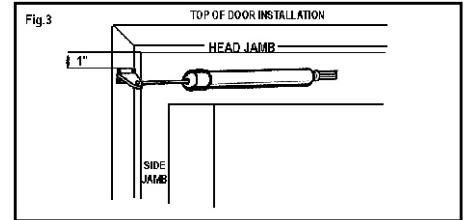
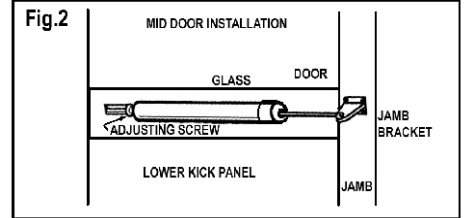
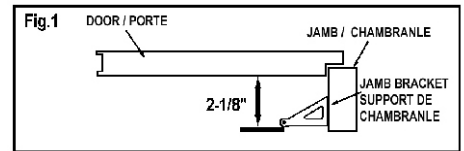
### CLOSER

- 1. Slip the hold open washer over the closer rod. Extend the rod from the closer and position the hold open washer in front of lugs. (Fig.4) Groove mark on rod should be visual 1/8" from end of cylinder (Fig.4)
- 2. With door completely closed, slip end of rod into jamb bracket and insert pin. With closer in level position, hold door bracket (at end of door closer) against storm door and mark screw holes. Do not adjust the hold open washer from step 1. This will give proper tension for setting of door closer. (Fig. 4)

3. Use a center punch to mark drilling locations. **DRILL INNER PANEL ONLY.** Drill holes with 1/8" drill bit. Fasten with two 12 x 3/4" screws.

4. After installation is completed, move hold open washer behind lugs on rod. (Fig.6)

\* *If rod does not return, it may be necessary to adjust regulating screw. (Fig.5)*



## INSTALLATION OF STORM CHAIN & HOLD UP SPRING

The storm chain is designed to protect the closer and door from wind damage. The storm chain is installed at the top of the storm door.

- 1. Make a mark 18" (45.7cm) from hinge side of the door on the head jamb of the door and on the storm door. (Fig.8)
- 2. Using the bracket as a template, mark screw locations on the head jamb as shown in Figure 8. Install the bracket parallel to the storm door with single hole of bracket pointing towards the hinge side of the door with two 12 x 1" screws provided.

\**If the door closer is mounted on the top of the door, connect the chain to the door by inserting the end of the chain into the chain pin bracket at the end of the door closer and dropping the pin into the link of the chain so that the door is limited to a 90 degree opening. Proceed to step 9.*

\**If the door closer is not mounted at the top of the door, the chain bracket must be installed at the top of the storm door. (Fig.8A)*

- 3. Make a mark on the door 18" from hinge side of door.
- 4. Using the chain pin bracket as a template, mark the screw locations on the door.
- 5. With a 1/8" (3 mm) drill bit, drill inside skin of the door.  
**CAUTION: DO NOT DRILL THROUGH DOOR.**
- 6. Attach door bracket to the storm door using two 12 x 1/2" screws.
- 7. Attach chain to storm door by inserting the pin provided into the chain pin bracket mounted at the top of the door. Make sure that the chain limits the door to a 90 degree opening. (Fig 8A)

### THE HOLD UP SPRING

The hold up spring prevents the chain from dangling into the doorway.

- 8. Close the door and twist spring into the lowest hanging chain link (Fig.9)
- 9. Fasten free end of spring to head jamb, approximately 4" (10.2 cm) from side door face and 2" from side jamb, with double headed nail. (Fig. 10)

