



# FS-902-TP Installation Instructions

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**Note:** Do not install Snap-On cover until installation is 100% complete, and all aspects of the assembly are correctly fastened and properly fitted.

The Universal screw pack contains (14) MP-49 #14x1" Torx pan head stainless steel sheet metal screws, one T-27 Torx tip bit, and one stainless steel knurled set pin.

- (1) Place the hinge on partition door as shown in Figure 1 on the other side of these instructions.
  - Be sure the hinge is properly aligned with the top of the door.
  - Measure from the edge of the door to hinge at both the top and bottom to ensure that the hinge is located squarely on the door. Shown in Figure 2 on the other side of these instructions.
- (2) Mark the top and bottom holes on the door with a center punch. The use of the Markar MT-806 center punch can help center the hole so that the fasteners will enter straight. Drill the hole using a #14 (.182) drill bit.
- (3) Fasten the hinge to the door with MP-49 screws.
  - Install the three cover clips in each leaf by passing a screw through the clip and hinge leaf and into the door (Figure 2).
  - Markar recommends that the clips be positioned in the top, center, and bottom holes.
- (4) Place the door and hinge assembly into the partition opening at the desired height from the finished door.
  - A small frame constructed of several blocks of wood can help support the door assembly.
- (5) Place the hinge leaf onto the pilaster and center the door in the opening.
  - Repeat steps (2) and (3).
- (6) Check the swing of the door to see if the clearance at the latch side is correct.
- (7) Center punch the remaining holes, drill, and fasten with the remaining MP-49 screws.
- (8) Install the Snap-On covers by engaging the side of the cover next to the hinge pin first.
- (9) Insert a large screwdriver between the hinge knuckle and the cover. Using the screwdriver as a lever, twist it and snap the opposite side of the cover onto the clip.
- (10) Start at the top and work downward until the entire length of each cover is firmly engaged.
- (11) With the covers firmly in place, secure them at both ends through the hinge and into the door or frame with #8 x 3/4" self-drilling flat head Tek screws.
- (12) Use the Torx bit to turn the adjustment approximately one complete revolution.
  - The hinge pin has a hole through it allowing adjustments to be made every half turn.
- (13) Check the swing of the door. If the door will not close fast or hard enough, remove the 1/2" set pin and turn the adjusting screw one half turn.
- (14) Reinsert the pin and check the swing of the door again.
- (15) Repeat steps (13) & (14) until the desired spring tension is reached. **Do not** over-tighten the spring – seven turns maximum.
- (16) Hold the adjusting screw in place and tap the set pin in permanently with a hammer and nail set. **Note** that the knurled end of the set pin should lock into place.
  - Approximately 1/8" to 1/16" of the set pin will stick out, allowing for readjustment of the hinge at a later date.