



**ALL MODELS**

**DOOR INSTALLATION & HINGE ADJUSTMENT**

DOOR\_INSTALLATION\_HINGE\_ADJUSTMENT\_032014

# ALL MODELS DOOR INSTALLATION & HINGE ADJUSTMENT

## INSTALL DOORS INTO FRAME(S)

1. LOOSEN THE JAM NUT (DO NOT REMOVE THE NUT) ON ALL TOP HINGE PINS ON THE FRAMES WITH THE 11/16" WRENCH SUPPLIED (FIGURE 1).
2. REMOVE THE O-RING FROM EACH TOP HINGE PIN.
3. MATCH THE DOORS TO THE FRAME.
  - ON THE TOP LEFT OF FRAME LOCATE THE MODEL NUMBER; NOTE THE 6TH CHARACTER.
  - THE 6TH CHARACTER OF THE MODEL NUMBER SHOULD MATCH ON FRAME AND DOOR.
4. MAKE SURE THE BLACK NYLON WASHER IS ON THE HINGE PIN LOCATED EITHER ON THE BOTTOM OF THE DOOR OR ON THE LOWER FRAME HINGE PIN (FIGURE 2). THE INSIDE OF THE TOP OF THE DOOR HAS A CREAM COLORED, RECESSED NYLON HEX BUSHING IN THE HINGE AREA.
5. HOLD THE DOOR UP TO THE FRAME OPENING AS IF THE DOOR WERE IN A PARTIALLY OPENED POSITION (FIGURE 3).
6. LIFT THE DOOR UP ONTO THE TOP HINGE PIN. THE BUSHING IN THE DOOR SHOULD EASILY SLIDE ON TO THE TOP HINGE PIN. IMPORTANT: THE NYLON BUSHING CAN BE DAMAGED BY FORCING THE PIN INTO THE BUSHING.
7. SET THE BOTTOM OF THE DOOR DOWN TO ENGAGE IN THE LOWER HINGE PIN ASSEMBLY ON THE FRAME (FIGURE 4).
8. OPEN THE DOOR TO A 90 DEGREE POSITION AND INSTALL THE HOLD OPEN CAM ONTO THE SLIDE PIN (FIGURE 5).
9. REPEAT STEPS 1 THROUGH 8 TO SET ALL THE DOORS INTO THE FRAME(S).
10. CLOSE ALL DOORS.



Figure 1. Loosen jam nut on all top hinge pins.



Figure 2. Bottom hinge components



Figure 5. Install the hold open cam onto slide pin



Figure 4. Set bottom of the door down



Figure 3. Hold the door up to the frame

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## DOOR SELF CLOSING ADJUSTMENT: SET DOOR TENSION

1. USING THE 5/16" WRENCH SUPPLIED, TURN AND HOLD THE TOP HINGE PIN ONE FULL ARC TOWARD THE HANDLE OF THE DOOR (FIGURE 1).
2. WHILE HOLDING THE 5/16" WRENCH AND HINGE PIN IN PLACE, TIGHTEN THE JAM NUT WITH THE 11/16" WRENCH SUPPLIED (FIGURE 2).
3. FOR MORE TENSION, HOLD THE HINGE PIN WITH THE 5/16" WRENCH IN A STARTING POSITION TO SUSTAIN TENSION WHEN LOOSENING THE JAM NUT WITH THE 11/16" WRENCH. REPEAT STEP 1 AND 2
4. REPEAT STEP 3 UNTIL THE DESIRED TENSION IS OBTAINED
5. THE DESIRED TENSION IS A "SELF-CLOSE" WHEN THE DOOR IS RELEASED FROM A POINT APPROXIMATELY 6" TO 7" OPEN
6. REPEAT THE ABOVE STEPS TO SET THE TENSION ON THE REMAINING DOORS

## ADJUST SAWTOOTH

1. DOOR ALIGNMENT CAN BE COMPLETED BY LOOSENING THE BOTTOM HINGE PIN AND SLIDE PIN WITH THE 3/4" WRENCH SUPPLIED AND SLIDING THE BOTTOM OF THE DOOR LEFT OR RIGHT. RETIGHTEN THE HINGE PIN AND SLIDE PIN (FIGURE 3).



Figure 3. Adjust Sawtooth



Figure 1. Turn and hold the top hinge pin



Figure 2. Adjust tension using wrenches

## REQUIRED TOOLS



Low profile 5/16" & 11/16" wrench Kit - Part# 5881-KIT