1. PREPARE INSIDE FACE OF DOOR FOR DEVICE.
   A. SEE DEVICE DIRECTIONS FOR LOCATIONS OF VERT. AND DEVICE REF. CENTERLINES.
2. PREPARE OUTSIDE FACE OF DOOR FOR TRIM.
   A. TRANSFER VERT. AND DEVICE REF. CENTERLINES FROM INSIDE FACE TO OUTSIDE FACE OF DOOR. BE SURE VERT. CENTERLINE IS PARALLEL TO EDGE OF DOOR.
   B. LOCATE AND PREPARE ALL HOLES AS INDICATED.
3. INSTALL TRIM ON DOOR.
   - BOTTOM STUD: 1/4"-20x3/4" FHMS & FINISH WASHER
   - TOP FOUR STUDS ARE THRU-BOLTED TO DEVICE WHEN DEVICE IS INSTALLED.
   NOTE: FOR F-18-R & F-XX-R DEVICES, INSERT SEXBOLTS INTO TWO HOLES PRIOR TO INSTALLING TRIM.
4. INSTALL CYLINDER (IF REQUIRED).
   A. IF USING MORTISE CYLINDER, INSTALL CYLINDER INTO MORTISE LOCK.
   B. IF USING RIM CYLINDER, INSTALL CYLINDER TO TRIM. THEN CUT TAILPIECE TO EXTEND 3/8" BEYOND INSIDE FACE OF DOOR.
5. INSTALL DEVICE ON DOOR PER DEVICE INSTRUCTIONS.
INSTALLATION INSTRUCTIONS

1. PREPARE INSIDE FACE OF DOOR FOR DEVICE.
   A. SEE DEVICE DIRECTIONS FOR LOCATIONS OF VERT. AND DEVICE REF. CENTERLINES.

2. PREPARE OUTSIDE FACE OF DOOR FOR TRIM.
   A. TRANSFER VERT. AND DEVICE REF. CENTERLINES FROM INSIDE FACE TO OUTSIDE FACE OF DOOR. BE SURE VERT. CENTERLINE IS PARALLEL TO EDGE OF DOOR.
   B. LOCATE AND PREPARE ALL HOLES AS INDICATED.

3. INSTALL TRIM ON DOOR AND CUT THUMBPIECE TO SIZE.
   A. TRIM MOUNTING.
      • BOTTOM STUD: 1/4"-20x3/4" FPHMS FINISH WASHER
      • TOP FOUR STUDS: ARE THRU-BOLTED TO DEVICE WHEN DEVICE IS INSTALLED.

   B. CUT THUMBPIECE.
      • RIM & VERTICAL: THUMBPIECE TO EXTEND 5/8"-3/4" BEYOND DOOR SKIN.
      • MORTISE: THUMBPIECE TO BE INSIDE DOOR SKIN BY 1/4".

   C. IF USING MORTISE CYLINDER, INSTALL CYLINDER TO MORTISE LOCK.
   D. IF USING RIM CYLINDER, CUT TAILPIECE TO EXTEND 3/8" BEYOND INSIDE FACE OF DOOR.


4. ASSEMBLE CYLINDER (IF REQUIRED).
   A. IF USING MORTISE CYLINDER, INSTALL CYLINDER TO MORTISE LOCK.
   B. IF USING RIM CYLINDER, CUT TAILPIECE TO EXTEND 3/8" BEYOND INSIDE FACE OF DOOR.

5. INSTALL DEVICE ON DOOR PER DEVICE INSTRUCTIONS.