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 CYLINDER (IF REQUIRED)
   SEE OTHER SIDE OF SHEET
   ACTUATOR SHAFT (AS NOTED ON
   OTHER SIDE OF SHEET) FOR
   DEVICE TYPE AND HAND OF DOOR.
   CHANGE IF NEEDED, PER
   INSTRUCTION.

4. CHECK THE ROTATION OF THE
   ACTUATOR SHAFT (AS NOTED ON
   OTHER SIDE OF SHEET) FOR
   DEVICE TYPE AND HAND OF DOOR.
   CHANGE IF NEEDED, PER
   INSTRUCTION.

5. APPLY TRIM ON DOOR.
   - BOTTOM PULL MOUNTING
     (T-CONTROL ONLY):
     1/4"-20 x 2-1/4" FHMS
     FINISH WASHER
   - TOP TWO MOUNTING STUDS:
     ARE THRU-BOLTED TO
     DEVICE WHEN DEVICE
     IS INSTALLED.
   NOTE: ACTUATOR SHAFT SHOULD
   PROJECT 1/8" TO 3/16" FROM THE
   SKIN OF DOOR.

6. INSTALL DEVICE ON DOOR PER
   DEVICE INSTRUCTIONS.
1. INSERT CYLINDER INTO CONTROL HOUSING WITH CAM IN POSITION SHOWN, WITH KEY REMOVED.

2. INSTALL CYLINDER NUT AND TIGHTEN SECURELY.

BACKPLATE ASSEMBLY

ACTUATOR SHAFT

LEVER RETURN SPRING

SPRING STOP PLATE

HEX NUT

SPRING

STOP PLATE

CYLINDER NUT TOP HEX STUD

BOTTOM HEX STUD

ACTUATOR SHAFT WASHERS

STANDARD MORTISE CYLINDER 1-1/8" LONG

NOTE: L-CONTROL & SE-CONTROL TRIMS CANNOT BE REHANDED

1. REMOVE HEX NUT, WASHERS, LEVER RETURN SPRING, AND SPRING STOP PLATE.
2. REMOVE TOP & BOTTOM HEX STUDS.
3. REMOVE BACKPLATE ASSEMBLY (NOTE: BE CAREFUL NOT TO DISTURB INTERNAL COMPONENTS).
4. REMOVE ACTUATOR SHAFT & REASSEMBLE WITH GEAR IN THE CORRECT POSITION FOR HANDLING REQUIRED (SEE BELOW).
5. REASSEMBLE BACK PLATE
6. REASSEMBLE TOP & BOTTOM HEX STUDS
7. REASSEMBLE HEX NUT.
8. PROCEED WITH TRIM/DEVICE INSTALLATION.

L-CONTROL TRIM SHOWN FOR ALL 911-V-RHR

FOR ALL 911-VHTH

CYLINDER INSTALLATION

ACTUATOR SHAFT REVERSING INSTRUCTIONS

K-CONTROL TRIM

1. REMOVE HEX NUT.
2. REMOVE TOP & BOTTOM HEX STUDS.
3. REMOVE BACKPLATE ASSEMBLY (NOTE: BE CAREFUL NOT TO DISTURB INTERNAL COMPONENTS).
4. REMOVE ACTUATOR SHAFT & REASSEMBLE WITH GEAR IN THE CORRECT POSITION FOR HANDLING REQUIRED (SEE BELOW).
5. REASSEMBLE BACK PLATE
6. REASSEMBLE TOP & BOTTOM HEX STUDS
7. PROCEED WITH TRIM/DEVICE INSTALLATION.

TP-CONTROL TRIM

1. REMOVE TOP & BOTTOM HEX STUDS.
2. REMOVE BACKPLATE ASSEMBLY
3. REMOVE ACTUATOR SHAFT
4. REMOVE HEX NUT
5. LOOSEN HEX NUT & HEX STUDS TO ADJUST IF REQUIRED.
6. PROCEED WITH TRIM/DEVICE INSTALLATION.

CLOCKWISE ROTATION

COUNTER-CLOCKWISE ROTATION

FOR ALL 911-R & 911-V-LHR

GEAR TEETH MESHED AS SHOWN WITH FLATS OF ACTUATOR SHAFT IN HORIZONTAL POSITION

GEAR TEETH MESHED AS SHOWN WITH FLATS OF ACTUATOR SHAFT IN VERTICAL POSITION