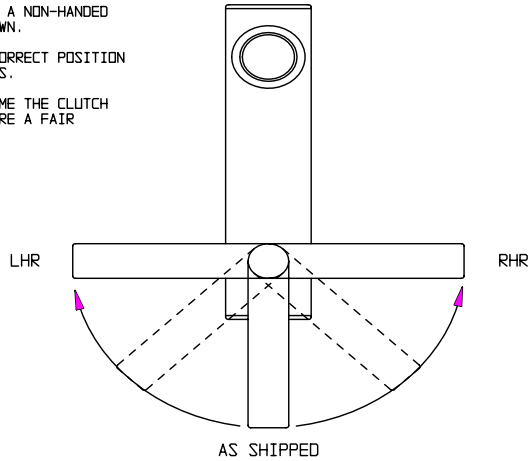


**STEP 1** HANDING

THIS TRIM IS SHIPPED IN A NON-HANDED NEUTRAL POSITION AS SHOWN.

TURN THE LEVER TO THE CORRECT POSITION AS HAND OF DOOR DICTATES.

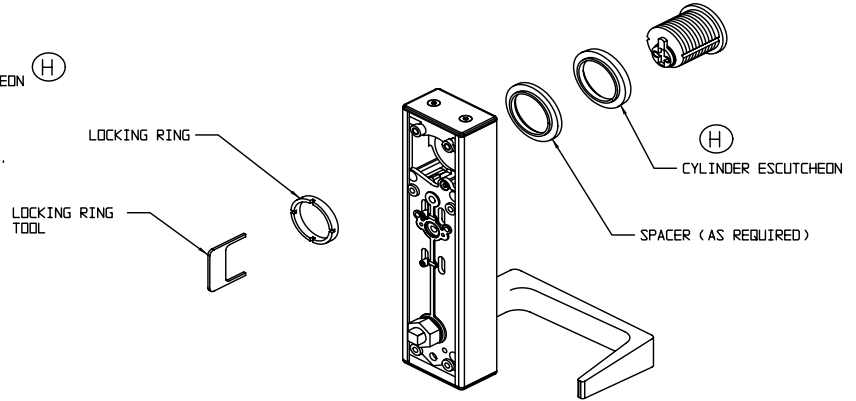
YOU WILL HAVE TO OVERCOME THE CLUTCH SPRING WHICH WILL REQUIRE A FAIR AMOUNT OF FORCE.



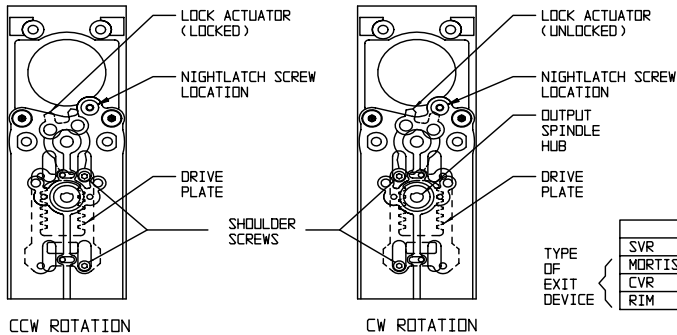
**STEP 2** CYLINDER INSTALLATION

IF USING TRIM WITH BLANK ESCUTCHEON PROCEED TO STEP 3

- 1) INSTALL CYLINDER WITH CYLINDER ESCUTCHEON (USE EXTRA SPACERS IF REQUIRED) THE NUMBERS OF SPACERS WILL VARY DEPENDING ON LENGTH OF CYLINDER (EXAMPLE: 1" USES CYLINDER ESCUTCHEON WITH 1 SPACER) SECURE WITH LOCKING NUT.



**STEP 3** CONFIGURING FOR THE EXIT DEVICE



3081/82/83 SET UP CHART

TYPE OF EXIT DEVICE	HANDING	
	LHR	RHR
SVR	CLOCKWISE	CLOCKWISE
MORTISE	COUNTER-CLOCKWISE	CLOCKWISE
CVR	CLOCKWISE	CLOCKWISE
RIM	COUNTER-CLOCKWISE	COUNTER-CLOCKWISE

DIRECTION OF OUTPUT SHAFT ROTATION (AS VIEWED FROM END OF OUTPUT SHAFT)

DEPENDING ON THE EXIT DEVICE AND HAND OF DOOR, THE SPINDLE OUTPUT ROTATION WILL VARY. THE HANDLES ARE SHIPPED FROM THE FACTORY WITH CW ROTATION. (WHEN VIEWED FROM SIDE SHOWN HERE) REFER TO CHART BELOW FOR EXIT DEVICE REQUIREMENTS. IF THE EXIT DEVICE REQUIRES A CLOCKWISE ROTATION PROCEED TO STEP 3. IF DEVICE REQUIRES A COUNTER-CLOCKWISE ROTATION PERFORM THE FOLLOWING STEPS TO REVERSE THE ROTATION.

**CAUTION: DO NOT ROTATE THE LEVER WITH SHOULDER SCREWS REMOVED.**

- 1) REMOVE THE TWO SHOULDER SCREWS WITH 5/64" ALLEN WRENCH. (PROVIDED)
- 2) IN THE SHOULDER SCREW HOLES, INSERT THE ALLEN WRENCH AND SHIFT DRIVE PLATE OVER AS SHOWN TO EXPOSE THE TAPPED HOLES ON THE OPPOSITE WINDOWS. REINSTALL SHOULDER SCREWS IN OPPOSITE WINDOWS.
- 3) IF FIXED LEVER (DUMMY) OPERATION IS REQUIRED FLIP THE LOCK ACTUATOR TO THE LOCKED POSITION AT THIS TIME.
- 4) FOR NIGHTLATCH FUNCTION, INSTALL SELF TAPPING #4-40 X 1/4" PAN HEAD SCREW.

**STEP 4** DOOR PREPARATION

- 1) MARK BACKSET CENTERLINE (MOUNTING CENTERLINE FOR 3700/8700/8800) AND THE HORIZONTAL CENTERLINE OF EXIT DEVICE.
- 2) APPLY CLEAR TEMPLATE OVER THE CENTERLINE MARKS, SECURE WITH TAPE.
- 3) DRILL HOLES PER THE TEMPLATE INSTRUCTIONS.
- 4) REMOVE TEMPLATES.

**STEP 5** DOOR PREPARATION

REFER TO THE FOLLOWING ILLUSTRATIONS, FOR INSTALLATIONS  
INSTALL THE ENTRY TRIM PRIOR TO EXIT BAR INSTALLATION



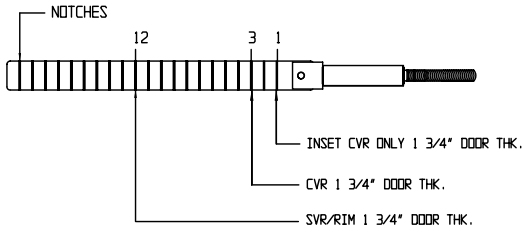
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POMONA CA. 91767

# 3081/82/83 TRIM INSTALLATIONS

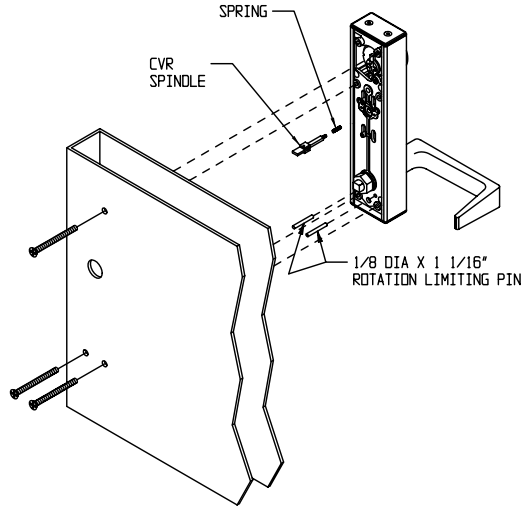
### SPINDLE PREPARATION

FOR CVR, SVR, RIM & INSET DEVICES

NOTE: CUT SPINDLE ACCORDING TO 1 3/4" DOOR THICKNESS.  
FOR 2" DOOR THICKNESS ADD TWO NOTCHES



### INSET CVR INSTALLATION



### MORTISE/INSET MORTISE INSTALLATION

INSTALL MORTISE CAM PLUG FIRST

- 1) CONFIGURE CAM PLUG PER MATRIX.
- 2) INSTALL MORTISE CAM PLUG INTO DEADLATCH CASE AS SHOWN IN FIG. 1
- \* DO NOT ATTACH CAM PLUG TO TRIM.
- 3) TIGHTEN CYLINDER SET SCREW
- 4) INSTALL AND LIGHTLY TIGHTEN #6-32 CAP SCREWS

**\*\*CAUTION\*\***  
DO NOT OVER TIGHTEN #6-32 CAP SCREWS

- 5) ORIENTATE CAM PLUG TAILPIECE AS SHOWN IN MORTISE INSTALLATION (FIG. 3)

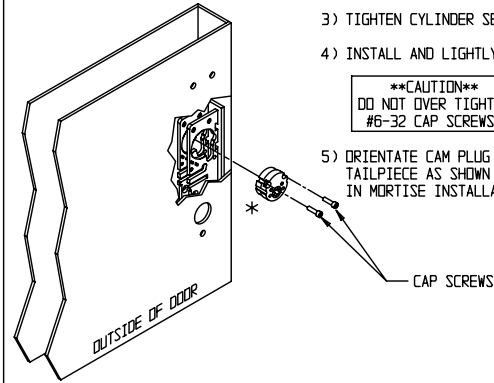


FIG. 1

### CAM PLUG MATRIX

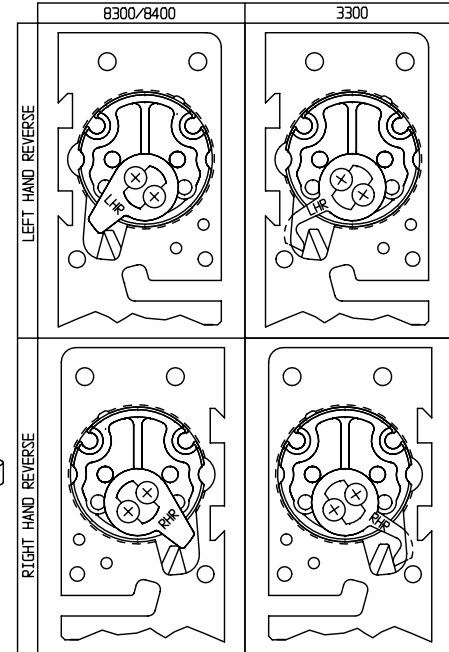
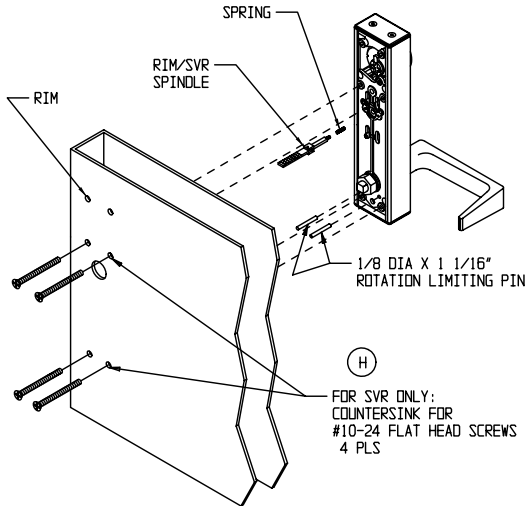


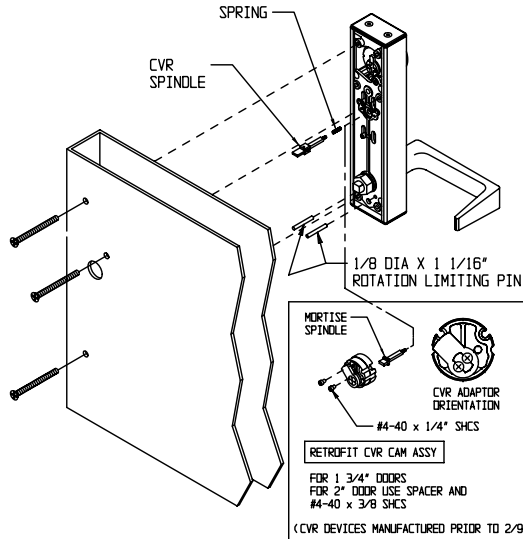
FIG. 3

### RIM/SVR INSTALLATION



(H)  
FOR SVR ONLY:  
COUNTERSINK FOR #10-24 FLAT HEAD SCREWS 4 PLS

### CVR INSTALLATION



MORTISE SPINDLE  
CVR ADAPTOR ORIENTATION  
#4-40 x 1/4" SHCS  
**RETROFIT CVR CAM ASSY**  
FOR 1 3/4" DOORS  
FOR 2" DOOR USE SPACER AND #4-40 x 3/8 SHCS  
(CVR DEVICES MANUFACTURED PRIOR TO 2/97)

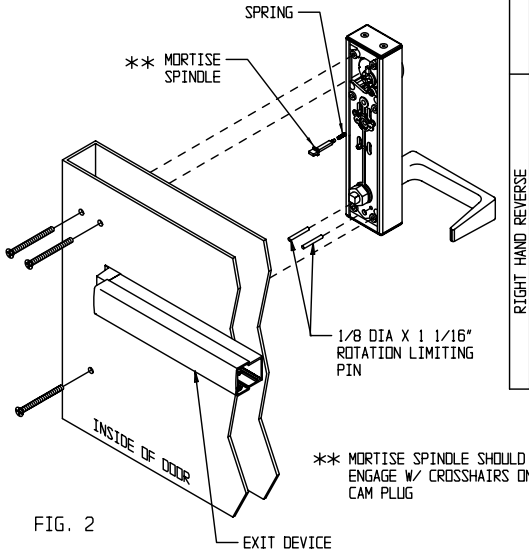


FIG. 2

\*\* MORTISE SPINDLE SHOULD ENGAGE W/ CROSSHAIRS ON CAM PLUG



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3081/82/83 TRIM INSTALLATIONS

Note: If using a 3080 series lever trim without cylinder operation, refer to wiring requirements only.

**Installation Instructions**

- The lever trim is shipped in a non-handed neutral position as shown. Turn the lever to the correct position as hand of door dictates. You will have to overcome the clutch spring which will require a fair amount of force. See step 1 of the standard installation instructions for the 3081/82/83 lever trim installations.
- Remove the solenoid from the lever trim assembly by removing the two (2) flat head screws #6-32 x 1/4" that secure the solenoid assembly.
- Install the cylinder with the cam in the neutral position as shown. Refer to the chart below for the correct amount of cylinder spacers that apply for each cylinder length. The cylinder must be spaced properly to avoid contact with the solenoid assembly.
- Reinstall the solenoid assembly onto the lever trim assembly. The position of the solenoid actuation cam will differ between fail-safe and fail-secure solenoids. Refer to figure 2 or figure 3 for proper positioning of the solenoid actuation cam.
- Fasten solenoid assembly using two (2) flat head screws #6-32 x 1/4".
- Use the sample wiring diagrams shown (fig.4) to assist in the electrical connections of this device. This device is offered in both 12VDC and 24VDC. Verify that the power being supplied matches the rated voltage of the device. The operating solenoids are rated for intermittent and continuous duty.

Route the wires inside the door in a way to prevent interference with the various latching mechanisms. Protect the wires from sharp edges and pinching as when installing.

SPACER CHART			
CYLINDER	CYLINDER ESCUTCHEON	CYLINDER SPACER	
1" LONG	1	1	
1 1/8" LONG	2	0	
1 1/4" LONG	1	3	
1 3/8" LONG	3	1	
1 1/2" LONG	2	3	

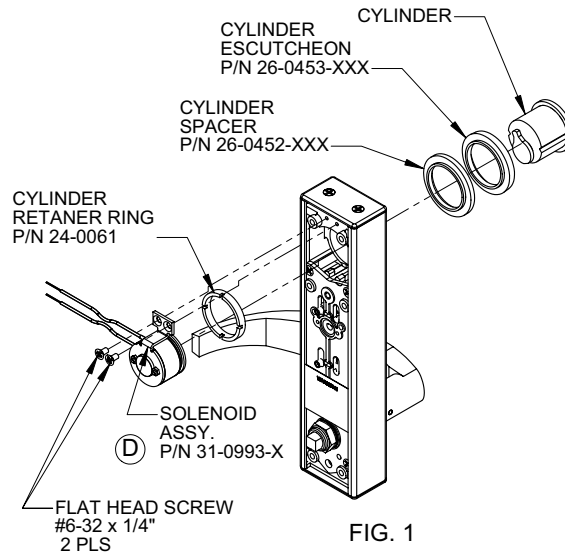
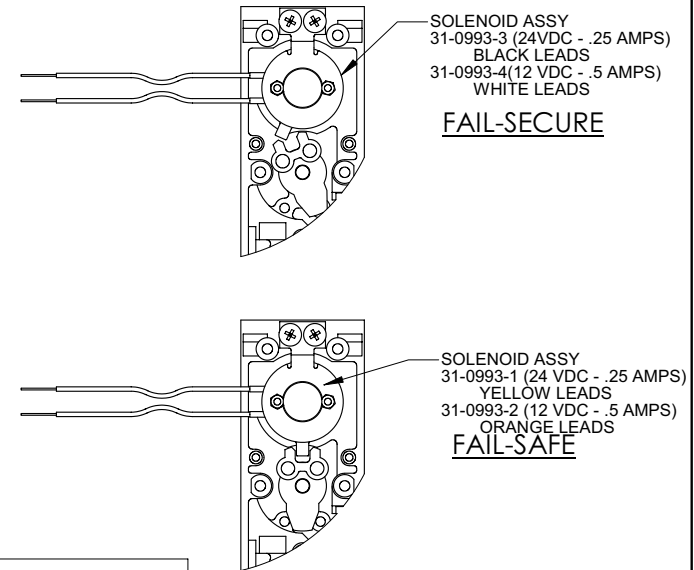
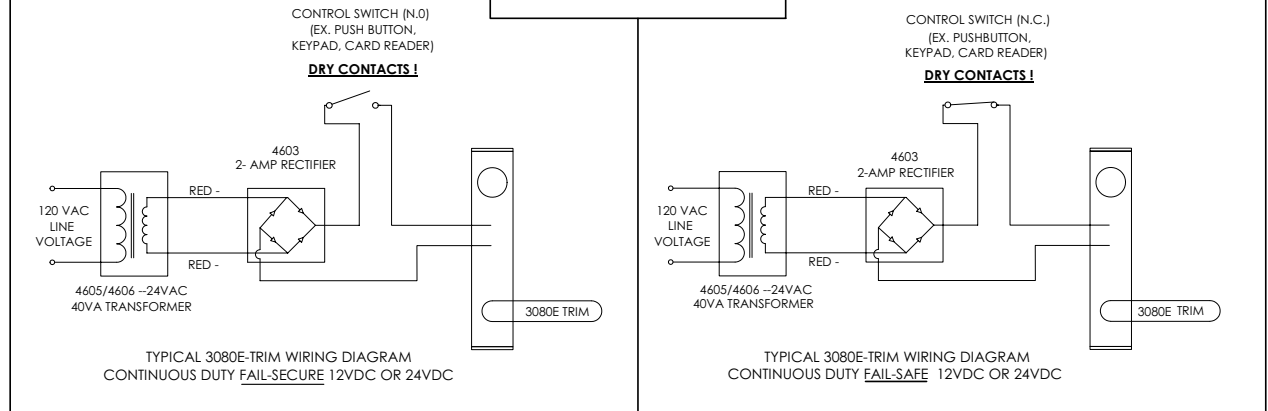


FIG. 1

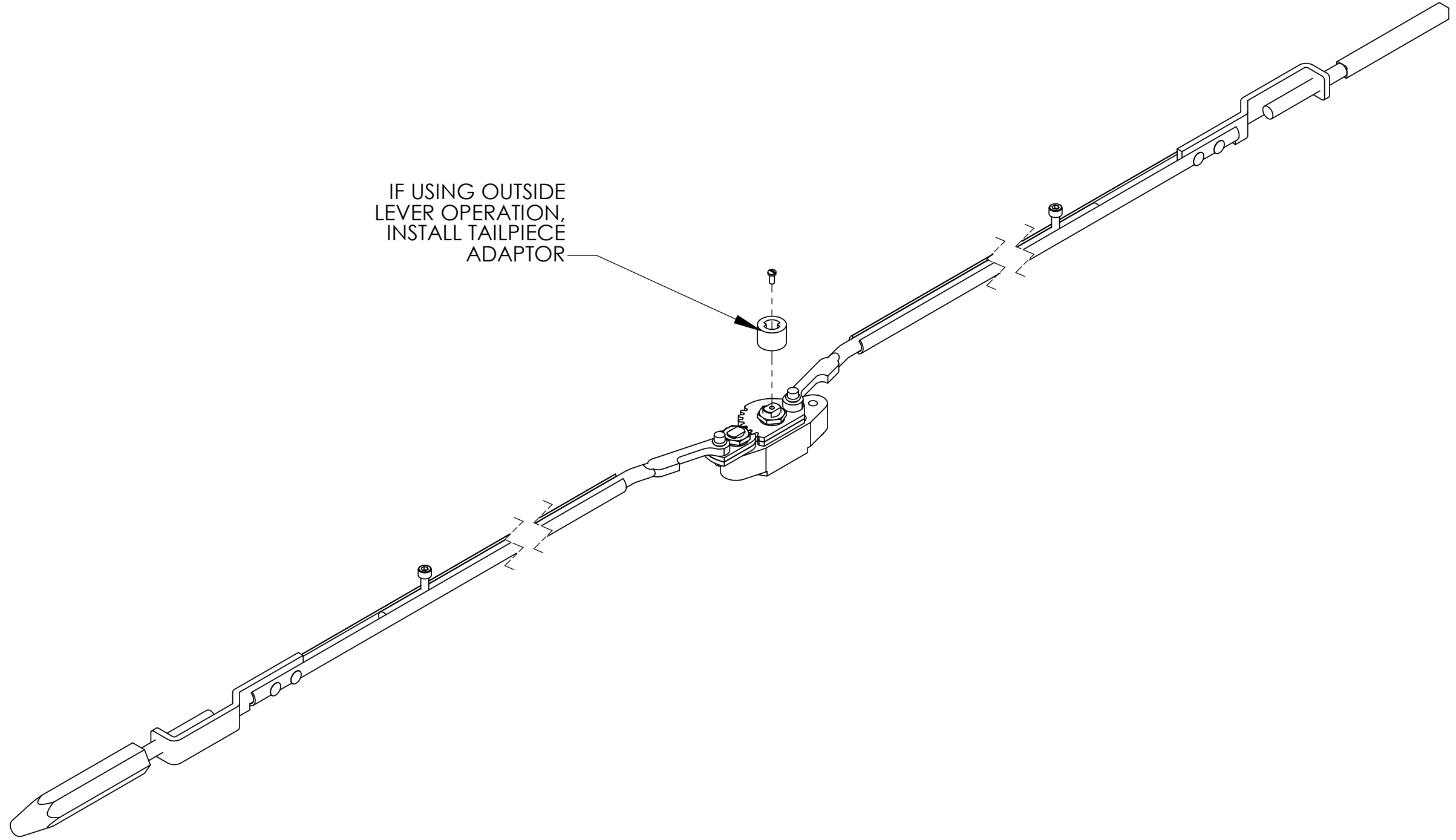


**PRODUCT MUST BE INSTALLED  
ACCORDING TO ALL APPLICABLE  
BUILDING AND LIFE SAFETY CODES**

**WIRING DIAGRAMS**



**3080E SOLENOID  
MOUNTING INSTRUCTIONS**



IF USING OUTSIDE  
LEVER OPERATION,  
INSTALL TAILPIECE  
ADAPTOR



**ADAMS RITE**  
**MANUFACTURING CO.**  
260 Santa Fe Street, Pomona, CA 91767  
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# TAIL PIECE ADAPTOR, INSTALLATION FOR 8500/8600

80-0180-291

Rev. B

ECN: 10653

Date: 05/04/2004

Page 1 of 1

Appvd: