FHC®
FRAMELESS HARDWARE COMPANY
THE GLAZING SUPPLY COMPANY

INSTALLATION INSTRUCTIONS

FHC ADVANCE SERIES HERC-DOOR FRAMELESS DOOR RAIL SYSTEM

Featuring Our “Patent Pending” **UNITIZING GASKET** that eliminates the hassles of holding the clamping jaws open and prevents pieces from falling out of the door rail during insertion of the glass panel’s edge. Also assures proper centering, even clamping pressure, and provides superior service life in harsh environments. Made from high quality engineered silicone gasket material.

FHC™
FRAMELESS HARDWARE COMPANY
THE GLAZING SUPPLY COMPANY

GLAZING SUPPLIES
SHOWER DOOR HARDWARE
ARCHITECTURAL HARDWARE
RAILING HARDWARE
TRANSACTION HARDWARE
METAL EXTRUSIONS

2323 Firestone Blvd. South Gate, CA 90208 I Toll Free: **(888) 295-4531** I Fax: (323) **336-8307** I **fhc-usa.com**

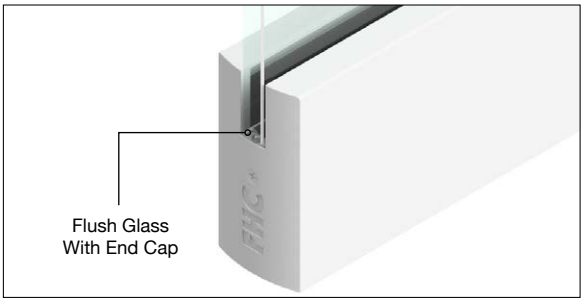
LIT0073 07.25.20

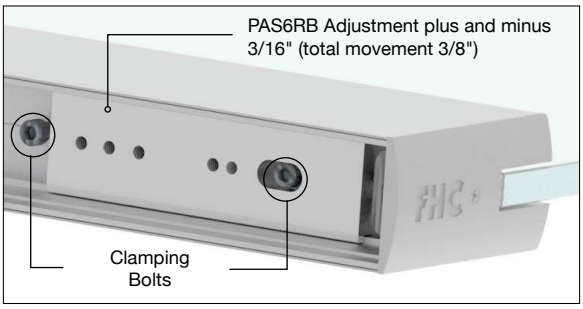
DOOR RAIL ATTACHMENT

1. Using a scratch protective working surface, lay the glass door panel down flat with one or both short ends hanging over the edge. Place a door rail onto the edge of the glass and align end caps with vertical edges.

2. Install the included 1/16" thick rubber setting blocks in the glass pocket at each end of the door rail. Push the door rail up tight against the glass edge and support the weight of the rail, making the sides parallel with the surface of the glass. Using the provided 3/16" Tee-handle wrench (P/N TW316), tighten the clamping bolts from center out located at the bottom of the rail and check again for alignment. Now tighten the bolts once again until the shaft of the wrench twists and the handle rotates approximately 1/8 of a turn after the bolts stop rotating. This will provide the correct amount of clamping force (maximum torque is 8 ft-lbs).

NOTE: Each door rail can be shimmed a maximum of plus 1/8" or minus 1/16" in the pocket if required. Low profile door rails can only be shimmed plus or minus 1/16".



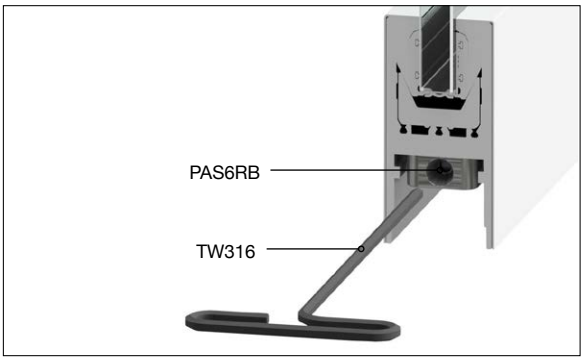


PIVOT ALIGNMENT SYSTEM (PAS) IF REQUIRED

1. The PAS6RB is used to adjust the gap between the door's vertical edges and adjacent sidelite panels or wall jambs. First open the door to 90 degrees, then remove the pivot side end cap(s) using a Philips screwdriver. This will expose a 3/16" hex bolt at the center of the adjustment mechanism (using P/N TW316 wrench or P/N PASD316 screwdriver handle hex driver), insert the wrench and turn 1.5 times for 1/16" jamb line gap adjustment

2. The top end vertical gap adjustment is made with the top door rail PAS6RB, and the bottom vertical gap adjustment is made with the bottom door rail PAS6RB. Turning the top door rail adjustment bolt clockwise will move the door toward the handle side or turn counterclockwise to move the door toward the pivot side. This same procedure applies to the bottom door rail. Carefully closing the door after each adjustment will confirm alignment.

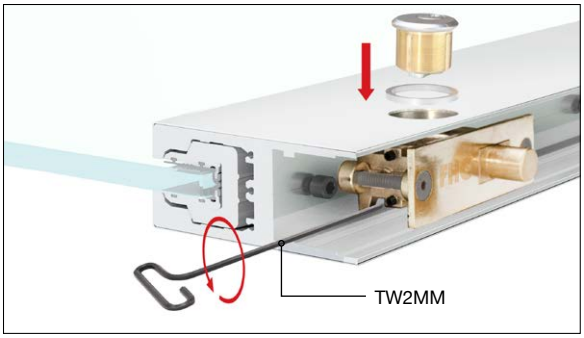
3. Once the door is centered within the opening and the gaps at both sides of the door are even, reattach the end caps.



CYLINDER AND THUMBTURN MOUNTING

1. Remove the handle side bottom end cap using a Philips screwdriver. This will expose the two 2 mm set screws, that once loosened (using P/N TW2MM wrench) will permit insertion and alignment of the keyed cylinder and/or thumb turn. FHC 1/8" thick spacer rings should be used for proper function and finish match.

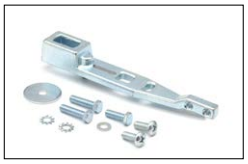
2. Assure that cylinder/thumbturn is properly aligned. They keyway/thumb-turn should always be to the pivot end of the Door Rail. Tighten the two 2 mm Allen Set Screws with TW2MM 2 mm T-Handle Hex Key (included) to secure cylinder in the correct position. Check to see that the cylinder/ thumbturn on each side of the Door Rail operates freely before attaching the end cap.



ACCESSORY HARDWARE:

Item No. **3010DP**
Adjustable Dual Purpose
Pivot Set (Standard)

Item No. **3010SA**
Short A Type Arm (1")
With Block Package



Item No. **3040SA**
Short Center-Hung Floor
Closer Arm

Item No. **3060TDF**
Adjustable Dual Purpose
Pivot Set (Standard)

Item No. **RCT1**
Keyed Cylinder /
T-Turn Combo
(specify finish when ordering)