

0488AR Walk-In Push Bar Inside Release Retrofit Kit

Part Number: 10488AR0318*

Inside Release Handles	Latches
0480, 0481B, 0482B, 0486B, 0487B, 0489B	0045, 0046, 0050, 0051, 4545, 4646, 5050, 5151
0481B, 0482B, 0486B, 0487B, 0489B	0052, 0053
0486D, 0489D	0055XXL
0480, 0483, 0481A, 0481SA, 0482A, 0486A, 0487A, 0488A, 0489A	0056, 5656
0481C, 0481SC, 0482C, 0486C, 0487C, 0488C, 0489C	0058, 0058E, 0077, 0078, 0778
0488AG	5688
0488CG	7888



For use with Kason 0056 and 5656 latches
U.S. Patent No. 11,193,311

WARNING

ENTRAPMENT AND FREEZE HAZARD

For safe operation, use latch paired with appropriate inside release shown in the table above. See latch instructions for more details. Failure to follow the installation and testing procedures may result in personnel being entrapped and subject to extreme cold, freezing temperature and possibly death. See page 4 for testing procedures.

⚠ Notice:

- The 0488AR is only intended to work with the 0056 and 5656 latches
- Verify door thickness before starting
- Fill any cavity left when removing inside release with foam
- Required Cardinal Components Manual Rivnut® Install Tool (C845-2520-PLUS, page 5), Kason Part No. 10488CR0024

DIRECTIONS

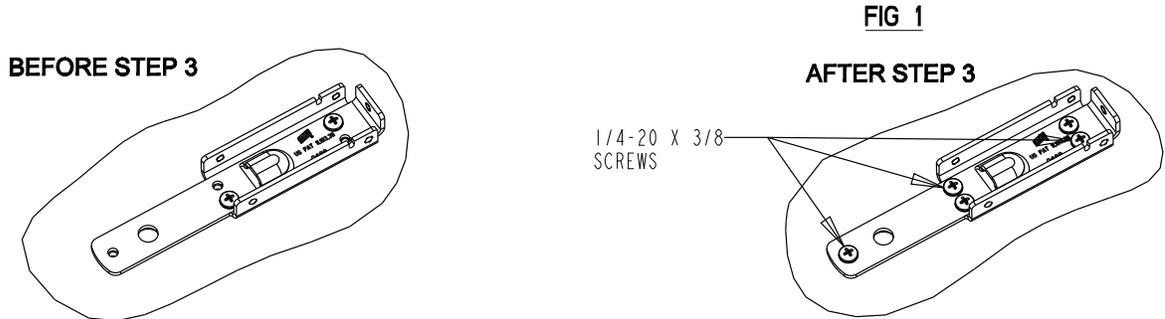
1. Remove existing inside release on door, verify proper style latch is installed/will be installed (ref. Comparison Table above – find product part number reference on back of latch body). See latch instruction sheet and install latch first.
2. Facing the cold side of door, determine what side the inside release guide bracket will need to be mounted, if inside release guide bracket needs to be relocated remove brackets and reinstall in new location.



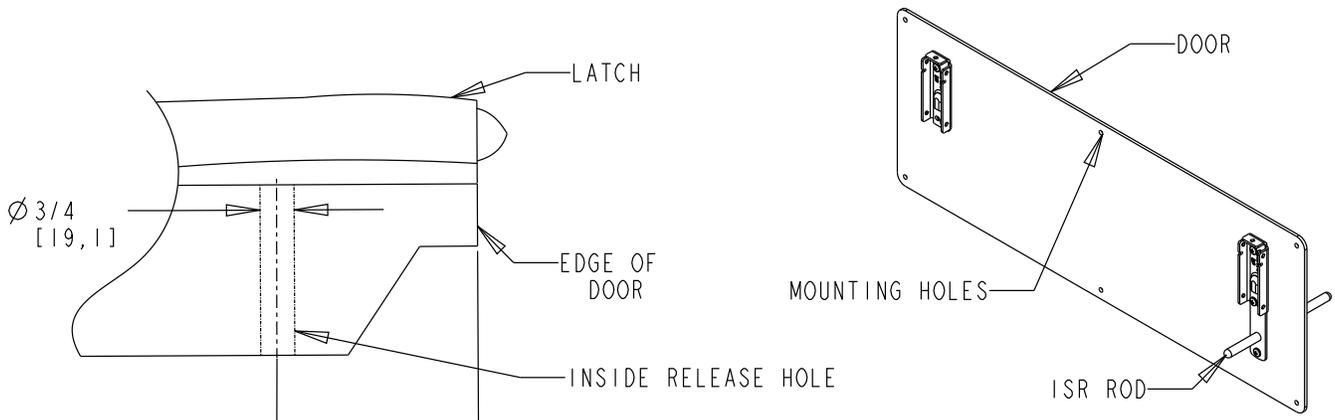
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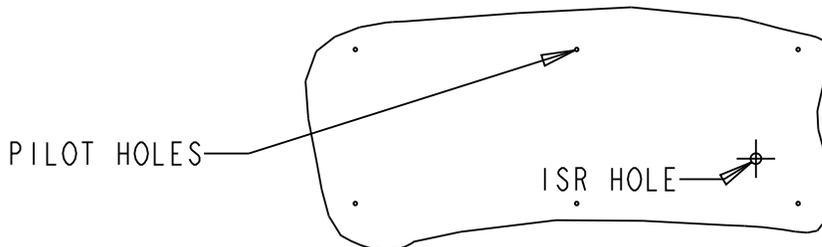
- Loosely install the remaining 1/4-20 x 5/16" screws in both mounting brackets. (See Fig. 1)



- Install new inside release rod through hole and into back of latch.
- With assistance, test fit of base plate on door with inside release rod being used as a guide and adjust plate so that the inside release rod moves freely without binding.
- Mark C/L of 6 mounting holes.



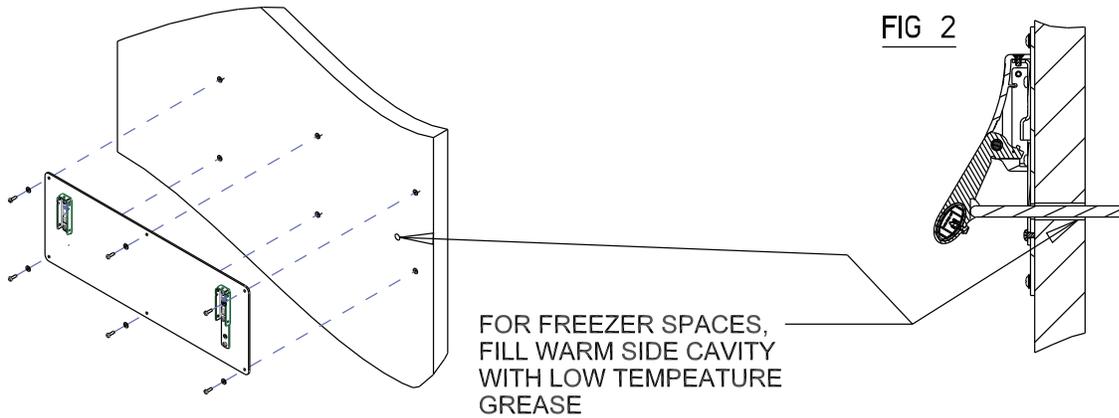
- Remove base plate and drill pilot holes on each of the center lines. Use the pilot hole to verify if there is any backing material present in door, if a steel backing plate is in that location, tap for 1/4-20 screws, if wood is present use 1/4" lag type screw (not included). If no backing material is present continue to step 8 for plus nuts, otherwise skip to step 8.
- Drill Ø0.386" - 0.391" holes at each pilot hole location where plus nuts are being used (Qty. 6 included). C845 Rivnut Hand Tool (Part No. 10488CR0024) is required to seat plus nuts. Install plus nuts per installation tool instructions (page 5 of 5).



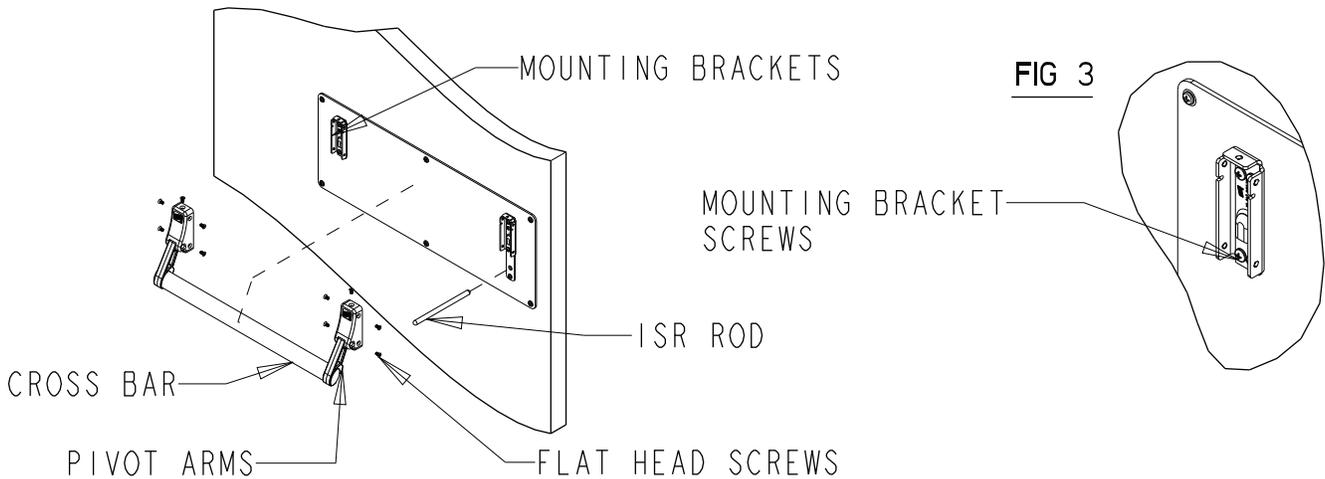
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- Once plus nuts are installed (fig. 2), loosely reinstall base plate with screws and washers provided (Qty. 6, 1/4-20 x 3/4"). Position plate so that inside release rod moves freely without binding, then tighten all screws.



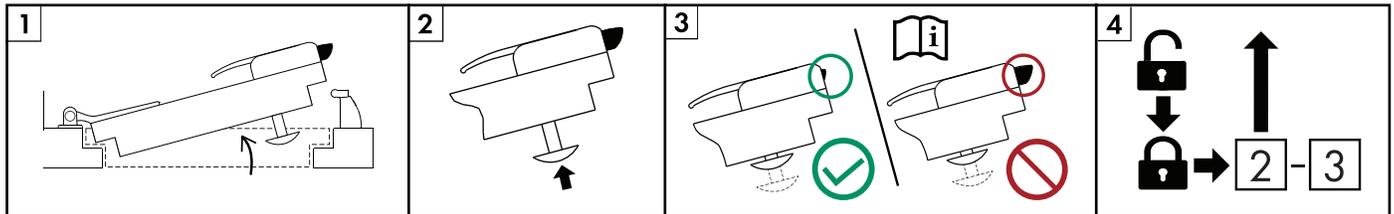
- Test fit of cross bar onto mounting brackets. Verify the pivot arm moves freely without binding. Adjust mounting brackets as necessary and tighten all mounting bracket screws (fig. 3).
- Install crossbar assembly onto mounting brackets and secure (10) 1/4" flat head screws. Check function of cross bar assembly and latch.



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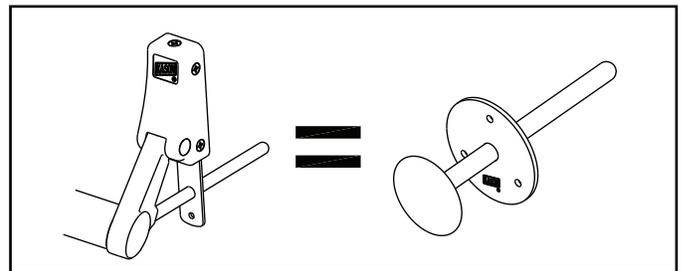
WARNING		ENTRAPMENT AND FREEZE HAZARD
<p>Failure to follow the installation and testing procedures may result in personnel being entrapped and subject to extreme cold, freezing temperatures, and possibly death.</p> <p>Affix the safety decal, that came with the latch, to the door near the latch or the inside release.</p> <p>The door hardware includes a SafeGuard® latch, which is designed with an inside release that will operate the latch to open the door from the inside, when the latch has been locked on the outside. Extreme or harsh use conditions of the latch, inside release or walk-in door, may damage or impair function of the latch. For this reason, it is important to inspect and test the function of the latch and inside release daily before entering the walk-in. Should the latch or inside release fail to release the latch and allow door to open from the inside, do not enter the walk-in and report the problem to management so that the door, latch or inside release may be serviced by a professional.</p>		



TESTING PROCEDURE

1. Open the door.
2. With the door open, push to depress the inside release knob (or push bar).
3. (A) If the latch tongue retracts substantially into the latch with the release knob depressed, the latch and inside release are functioning properly.
3. (B) If the latch tongue does not retract substantially into the latch, do not enter the walk-in, and notify management to have the door serviced.
4. Lock the door using key cylinder and/or padlock and repeat steps 2 and 3.

Note: After passing the step 4 test with latch locked, unlock the latch and continue with normal use of the door.



Note: Actual latch or inside release provided with the door may look different than those shown in testing diagram above. Refer to instructions and safety decal provided with your latch.

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C845 Rivnut® Hand Tool (10488CR0024)

Part sold separately

Note: Lubricate 5/8" Jackscrew threads before use.

Wrench Type Rivnut Fastener Headers are available for Rivnut with the following thread sizes: 6-32, 8-32, 10-32, 10-24, 12-24, 1/4-20, 1/4-28 (Metric sizes M3, M4, M5, and M6)



DIRECTIONS

- Engage all threads of the Rivnut Fastener on the pull up stud. Advance anvil until it is tight on the head of Rivnut. Insert Rivnut in hole
- Turn nut the required number of turns or until firm resistance indicates complete upset of the Rivnut (**Note:** A box end ratchet wrench will speed up this operation)



Rivnut Thread	Approx. Turns Required to Upset	
	In Min. Grip	In Max. Grip
No. 6 and M3	1-1/4	1/2
No. 8 and M4	1-1/2	3/4
No. 10 and M5	1-3/4	1
No. 12	2	1-1/4
1/4" and M6	2-1/4	1-1/2

- Place Hex Wrench in socket of jackscrew and hold stationary. Turn Hex Nut in counter-clockwise direction with a wrench while holding tool at right angles to the work



- Break nut loose with clockwise movement. Remove both wrenches from the tool



- Remove tool from Rivnut by revolving entire tool in counter clockwise direction

