

0488LR Panic Bar Inside Release Retrofit Kit (UL 305 Certified)

Part Number: 10488LR*



U.S. Patent No. 11,193,311



Visit kasonind.com for information on the [0778](#) latch and [0779](#) strike options

WARNING		ENTRAPMENT AND FREEZE HAZARD
<p>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 3 for testing procedures.</p>		

⚠ CAUTION

Before installation begins: This Push Bar ISR is only intended to be used with 0778 latches. ([REF IS-0778](#))

- Verify door thickness before starting
- Fill any cavity left when removing inside release with foam
- Required: Cardinal components manual rivet nut install too (C845-2520-PLUS) Kason part no. 10488LR0024

DIRECTIONS

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

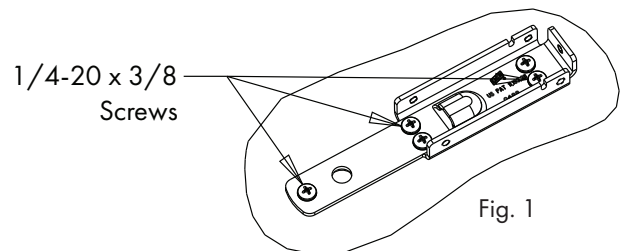
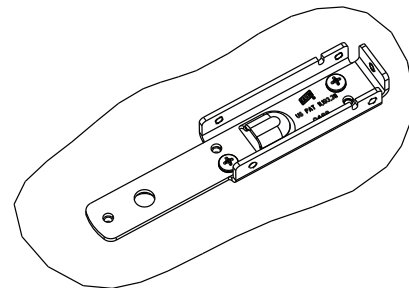
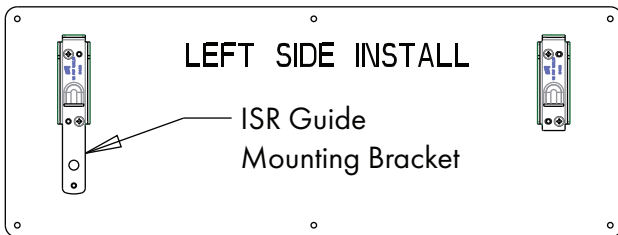
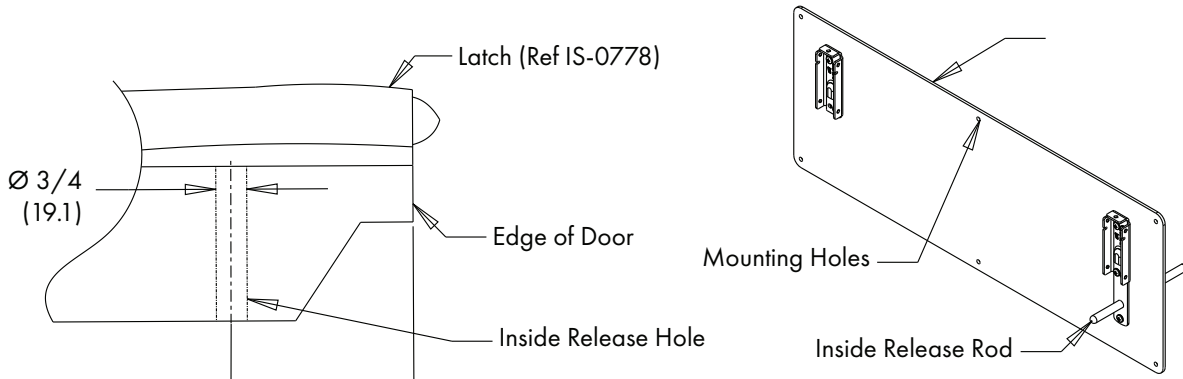


Fig. 1

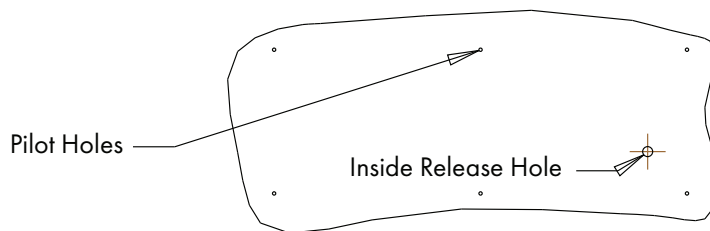
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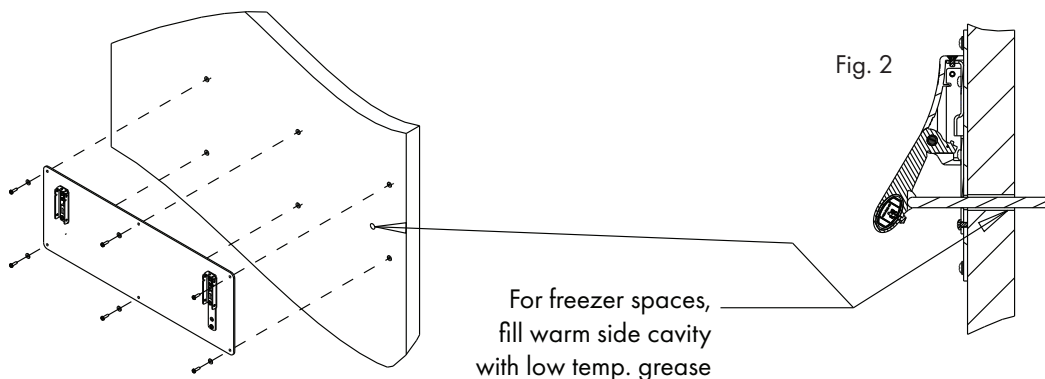
3. Install new inside release rod through hole and into back of latch.
4. With assistance, test fit of base plate on door with inside release rod being used as a guide and adjust plate so that the inside release rod moves freely without binding
5. Mark C/L of (6) mounting holes



6. 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 there is a steel backing plate, tap for 1/4-20 screws. If wood is present use a 1/4" luge type screw (Not included). If no backing material is present continue to step 7 for plus nuts, otherwise skip to step 9.
7. Drill Ø0.386 – Ø0.391 holes at each pilot hole location where plus nuts are being used (Qty. 6 included). Required tool to seat plus nuts (C845-2520-Plus), Install plus nuts per installation tool instructions (page 4).



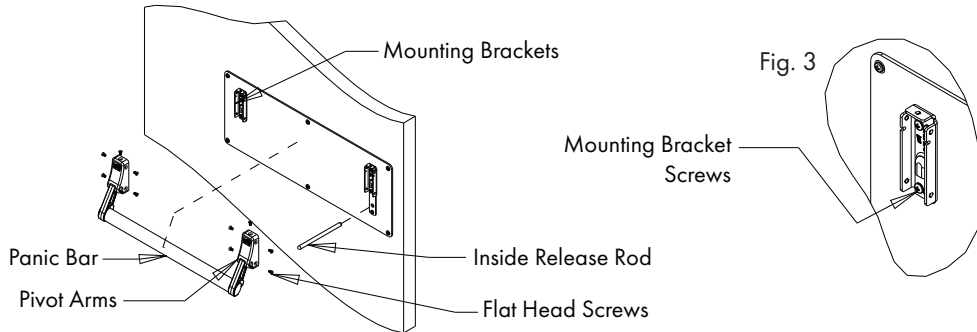
8. Once plus nuts are installed, see (Fig. 2) and loosely reinstall base plate with (6) 1/4-20 x 3/4" screws and washers provided. Position plate so that inside release rod moves freely without binding, then tighten all 6 screws.



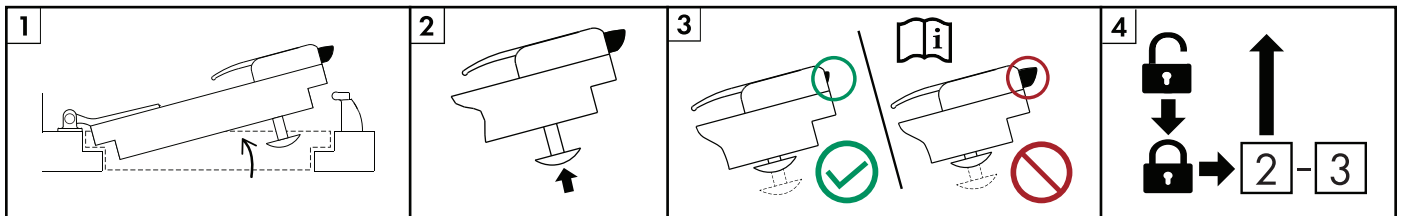
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9. Test panic bar fit onto mounting brackets. Verify pivot arm moves freely without binding. Adjust mounting brackets as necessary and tighten all mounting bracket screws (Fig. 3).
10. Install panic bar assembly onto mounting brackets and secure (4) 1/4" flat head screws. Check function of panic bar assembly and latch. Use [IS-0778](#) instruction sheet to complete installation.



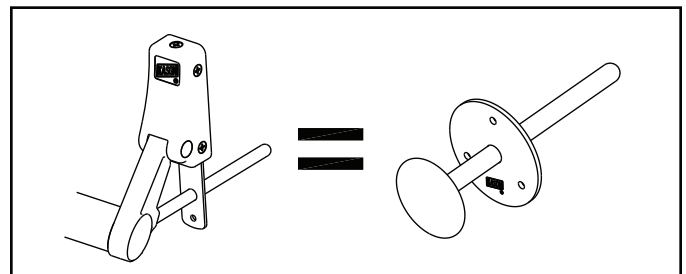
WARNING		ENTRAPMENT AND FREEZE HAZARD
<p>Failure to follow the installation and testing procedures may result in personnel being entrapped and subject to extreme cold, freezing temperatures, and possibly death.</p> <p>Affix the safety decal, that came with the latch, to the door near the latch or the 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 OPERATING INSTRUCTIONS

Lubricate 5/8" Jackscrew threads before use

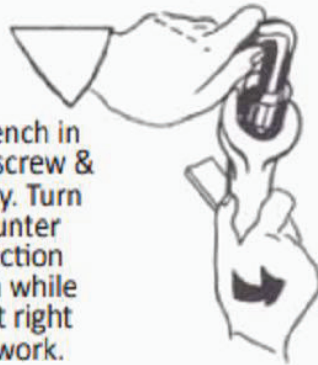
Wrench Type Rivnut Fastener Headers are available for Rivnuts with the following thread sizes: 6-32, 8-32, 10-32, 10-24, 12-24, 1/4-20, 1/4-28 Metric sizes M3, M4, M5 & M6

1



Engage all threads of the Rivnut Fastener on the pull up stud. Advance anvil until it is tight on head of Rivnut. Insert Rivnut in hole.

2



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

3

Turn nut the required number of turns - or until firm resistance indicates complete upset of the Rivnut. (a box end ratchet wrench will speed up this operation.)

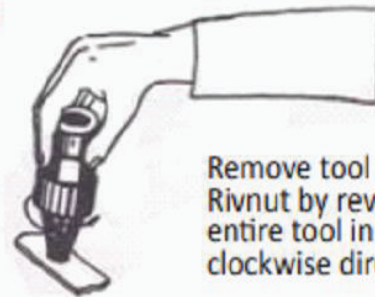
<u>Rivnut Thread</u>	Approx. Turns Required to Upset	
	<u>in Min. Grip</u>	<u>in Max. Grip</u>
No. 6 & M3	1-1/4	1/2
No. 8 & M4	1-1/2	3/4
No. 10 & M5	1-3/4	1
No. 12	2	1-1/4
1/4" & M6	2-1/4	1-1/2

4

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



5



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