

Installation Instructions

CLPKT Pocket Closer

180° Application – Wall Mounted Closer Body



All products must be installed and maintained in compliance with all local and national building, life-safety, and electrical codes

Suggested Tools / Supplies Required:

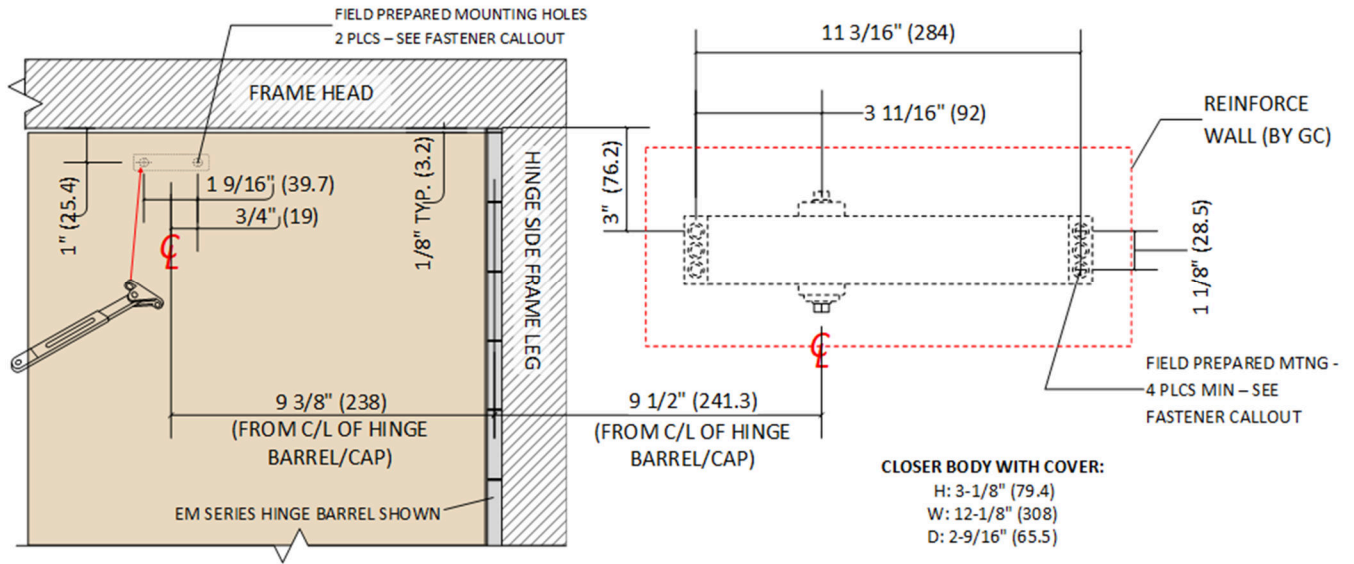
- Drill and drill bits
- Tape Measure and marking tools
- Socket set
- Common hand tools

Mounting

Positioning & Mounting of the Closer Body

Verify that the wall is properly reinforced for mounting of the closer body. Refer to template T3010 for additional details. Use the closer body as the marking template for the 4 mounting screw locations shown in the detail below. Use 4 each - #14 x 3" all-purpose screws to mount the closer body to the wall.

The detail below shows a 180° - RHR application, the LHR mounting is reversed with the shorter side of the closer body, relative to the hub, must be closest to the hinge.



**PULL-SIDE DOOR PREPARATION
(RHR SHOWN)**

**WALL PREPARATION
(RHR SHOWN)**

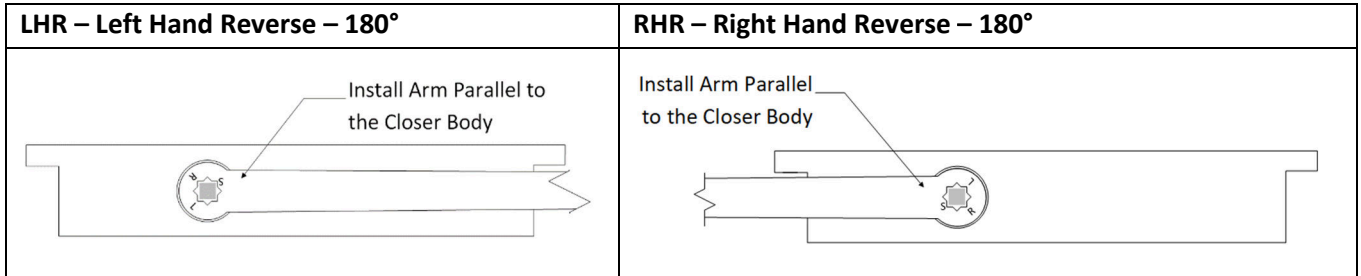
Door Arm/Shoe Mounting

Use the Arm/Shoe assembly as the marking template for the 2 mounting screw locations shown in the detail below. Use the 2 of the #14 x 1-1/4" All Purpose screws to attach the shoe to the closer body to the wall and interior reinforcement. Syntégra doors have special internal steel reinforcement in the top 6" of the door to provide additional strength for mounting the shoe to the door face.

The detail below shows a RHR application, the LHR mounting is reversed.

Main Arm Positioning and Attachment

Attach the Main Arm to the closer body shaft positioned as shown below. Secure with hex bolt with captured flat/lock washers.



Dimensioning Shoe Arm

Adjust the Shoe Arm length per the diagram below. This will need to be adjusted to suit the distance from the back side of the door face to the mounting surface (wall) of the closer body (Pocket Depth). Once adjusted, tighten the hex bolt securely. The arm may need to be adjusted further once installed.



Pocket Depth	Dimension 'A'
2-5/8"	13-1/4"
3-5/8"	13"

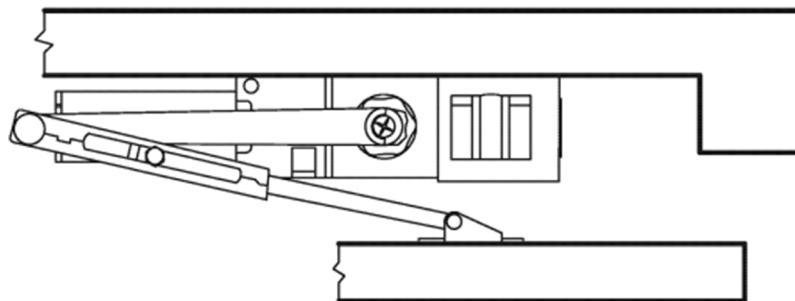
Connect Arms

Rotate the Main Arm and the Shoe Arm to so that they can be connected. Secure with the provided hex bolt with captured flat/lock washers.

Test & Adjust



Arm Length - Test and Adjust

Open the door slowly to 180°, and check the closer arm positioning. Installed properly, the main arm should be parallel to the wall/closer body as shown below. If the arm hits the wall with the door before or at 180°, then the shoe arm will need to be shortened. If the arm hits the door before or at 180°, then the show arm will need to be lengthened. Do these adjustments in 1/8" increments until corrected.

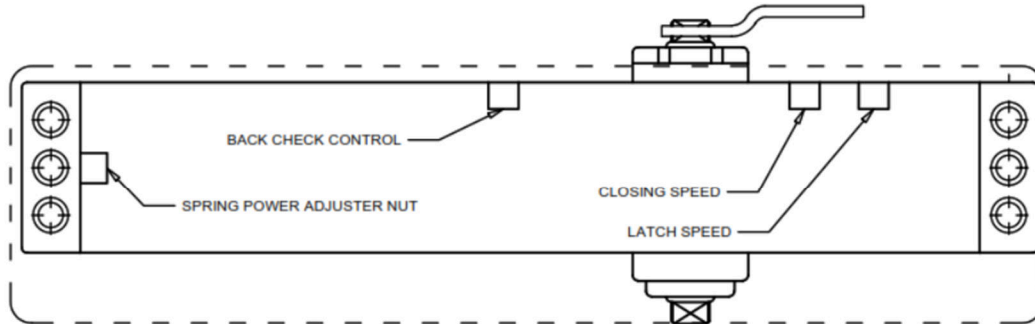


Closing Speed Adjustment

Use the Allen Key to adjust the closing and latching speed valves to control the door. Door closers shall be adjusted so that from an open position of 90°, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

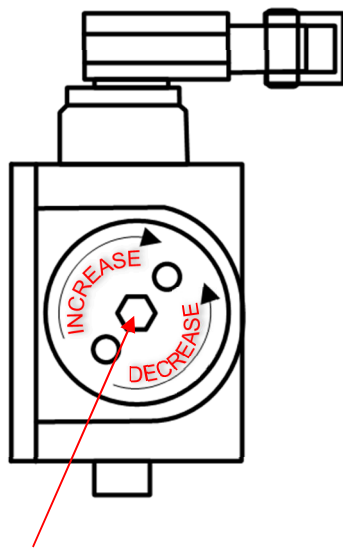

Caution


Improper Adjustments may result in personal injury or damage to property



Spring Power Control

The CLPKT closer is factory set to a size 3 size. Depending on the door size and weight, it might be necessary to adjust this setting, with the supplied Allen Hex Key, ensure that the door closes properly. Care should be taken to use the minimum force necessary to properly close the door.



Adjustment Screw

DOOR CLOSE SIZE	CLOCKWISE TURNS OF ADJUSTING NUT	APPLICABLE DOOR LEAF WIDTH		APPLICABLE DOOR WEIGHT
		INTERIOR	EXTERIOR (SWING OUT)	
1	-5	32" (0.81m)	28" (0.71m)	33 - 66 LBS (15 - 30 kg)
2	-3	36" (0.91m)	32" (0.81m)	66 - 99 LBS (30-45 kg)
3	0	42" (1.07m)	36" (0.91m)	99 - 143 LBS (45 - 65 kg)
4	3	48" (1.22m)	42" (1.07m)	143 - 187 LBS (65 - 85 kg)
5	6	54" (1.37m)	48" (1.22m)	187 - 264 LBS (85 - 120 kg)
6	9	58" (1.47m)	54" (1.37m)	264 - 330 LBS (120 - 150 kg)

Caution: The maximum adjustment is approximately 10 turns. Do not force the adjustment beyond these limits. The force to open the door shall not exceed the values prescribed by the local Authority Having Jurisdiction.

Once all adjustments are completed, install dress cover if included.