



HYDRAULIC AUTO-SLIDE DOOR CLOSER

INSTALLATION INSTRUCTIONS (3', 4' & 5' wide doors)

(Installation for 6'w with piggy back system is located on pages 7-9)

Door must be working properly and gliding smoothly before installation.

1. MOUNTING WHEEL GUIDE TO DOOR

- A. Measure down **34"-35"** (For 3'&4' wide slide doors) & **40"-41"** (For 5'w slide doors) from the top of the slide door track to the back edge of the door growth plate (FIG 1), the bottom of the wheel guide track will align here and mount here using 2 bolts in the back of the door through the growth plate (FIG 2). You will need to drill (2) 3/8" holes in the wheel guide to line up with the holes in the growth plate.

2. MOUNTING THE HYDRAULIC CLOSER

- A. Temporarily attach the wheel arm to the closer, with the door in the CLOSED position the wheel should be approx. 1-2" beyond the wheel guide track. (This is to insure the door closes fully) (FIG 3)
- B. Mark the position of the Hydraulic closer on top of the track. Remove the arm and drill 2 holes in the top of the track (center holes on each end of closer)
- C. Mount the closer to the track with the supplied screws and lock nuts and tighten down. Insure that ALL metal shavings are cleaned out of the track to prevent damage to trolley wheels or door binding. (FIG 5)

3. INSTALLING DOOR ARM

- A. Install the door arm wheel in the wheel guide track and swing up to hydraulic closer. (FIG 6)
- B. With a wrench on the opposite side of the closer; turn the closer shaft to align with the door arm, push door arm on shaft and install keeper screw. (FIG 7)



DOOR CLOSER ADJUSTMENTS

(FIG 8)

**Please adjust incrementally as to not damage the lockset*

This door closer has an adjustable spring setting with the max being 20 turns in, CLOCKWISE. It comes from the factory with 15 turns so a total of 20 turns in are available.

“S” adjustment: Beginning door closing speed adjustment.

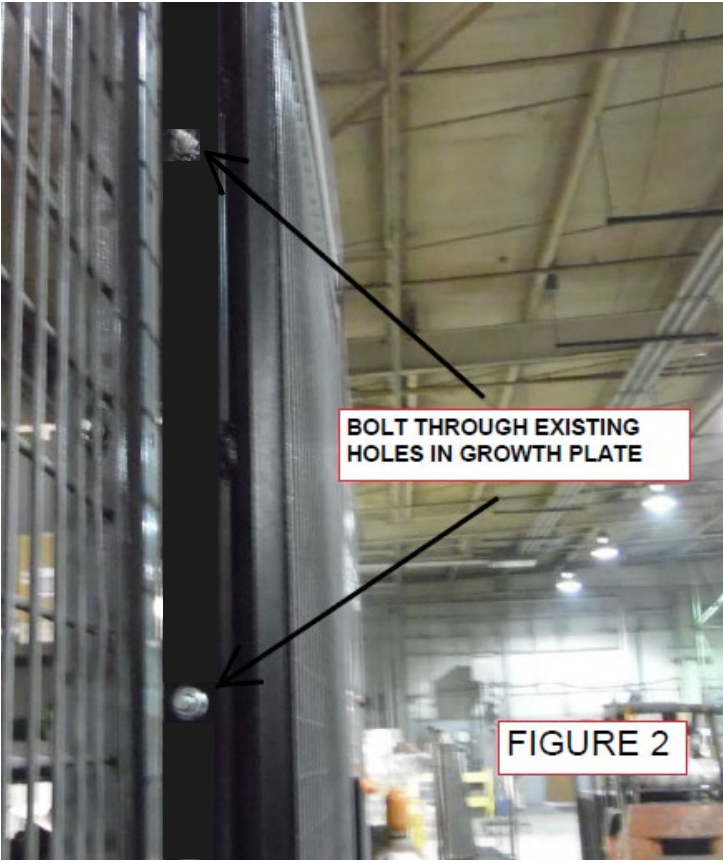
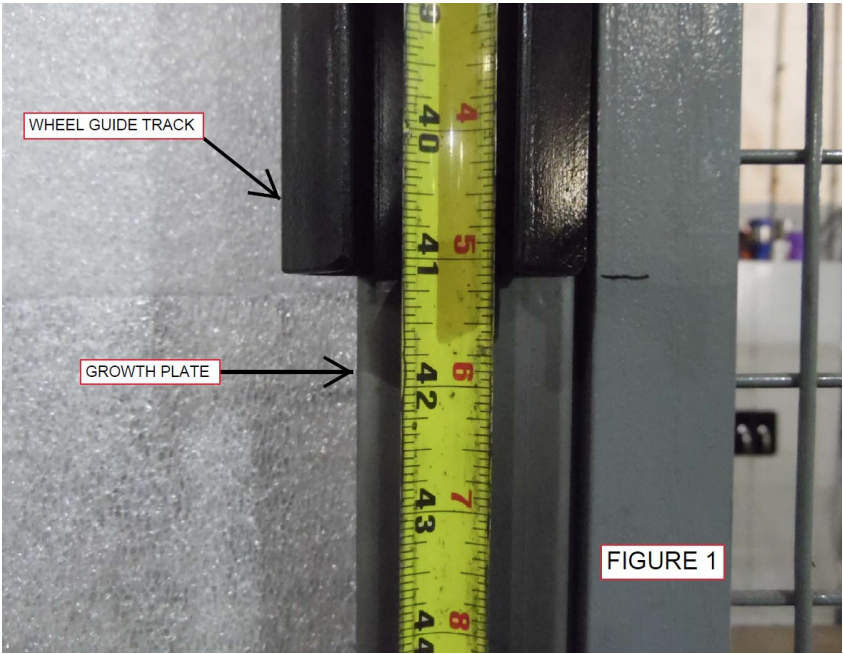
“L” adjustment: Latching door closing speed adjustment.

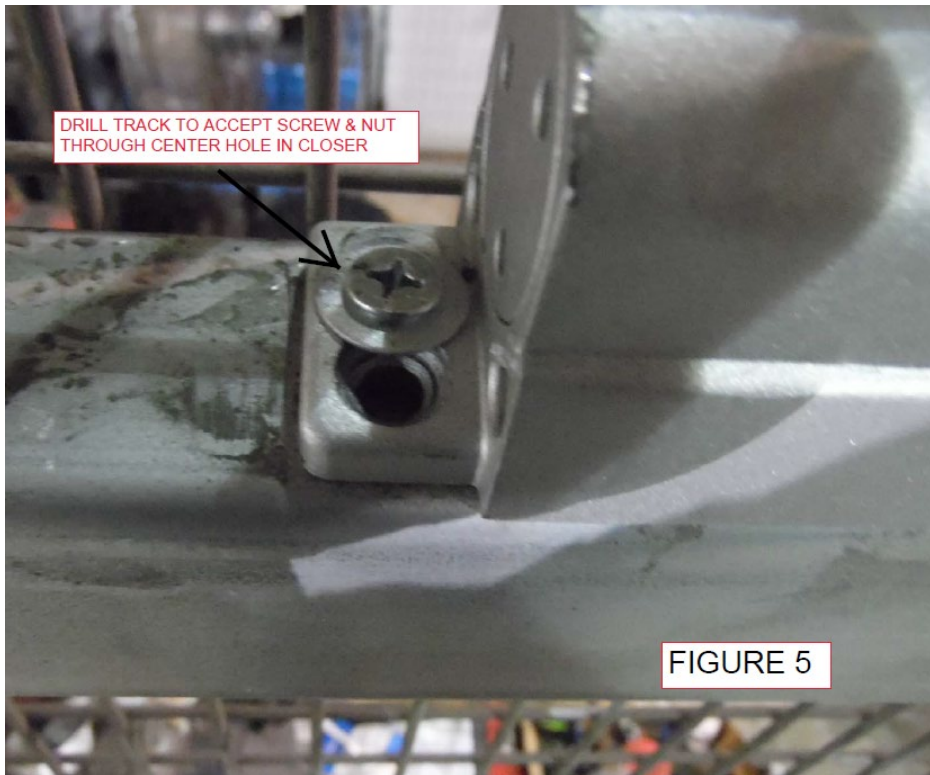
Clockwise = SLOWER / Counter-Clockwise= FASTER

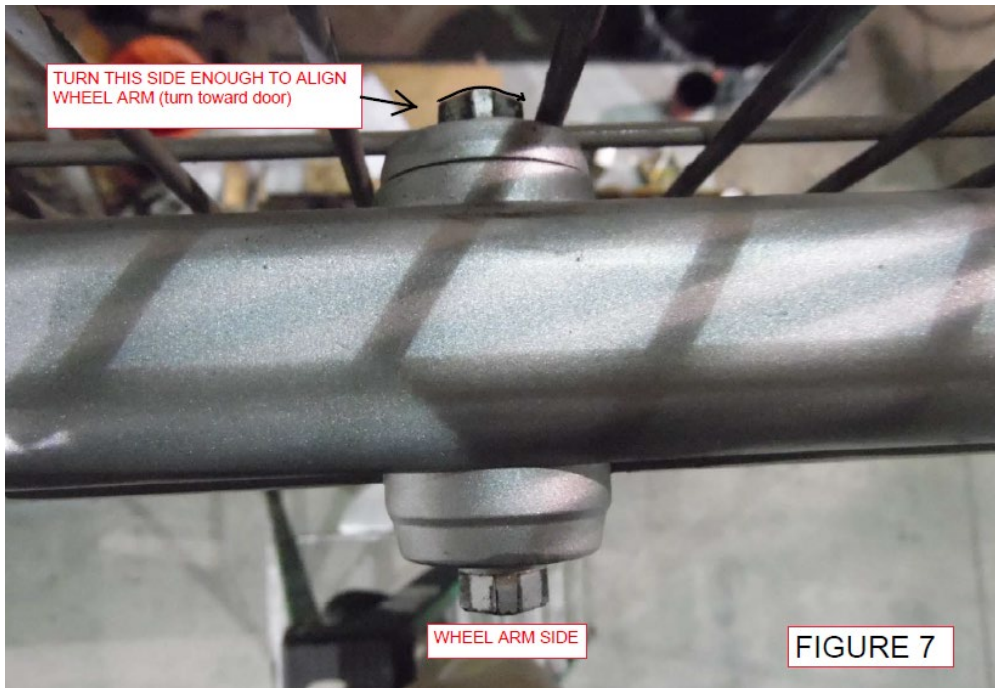
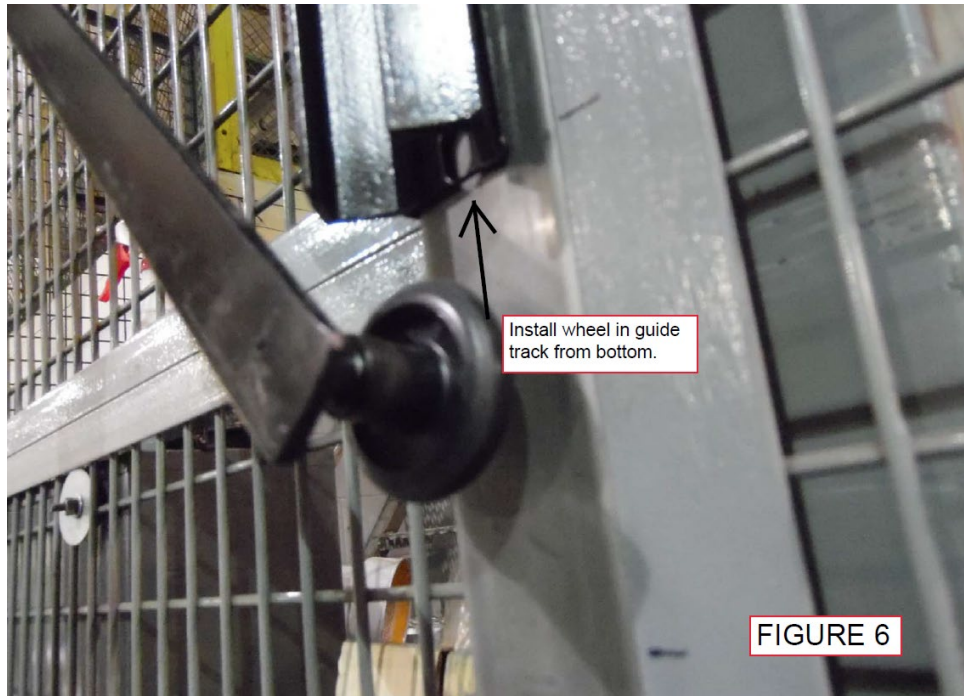
Adjust the speed as needed to increase or decrease the rate of the door close speed.

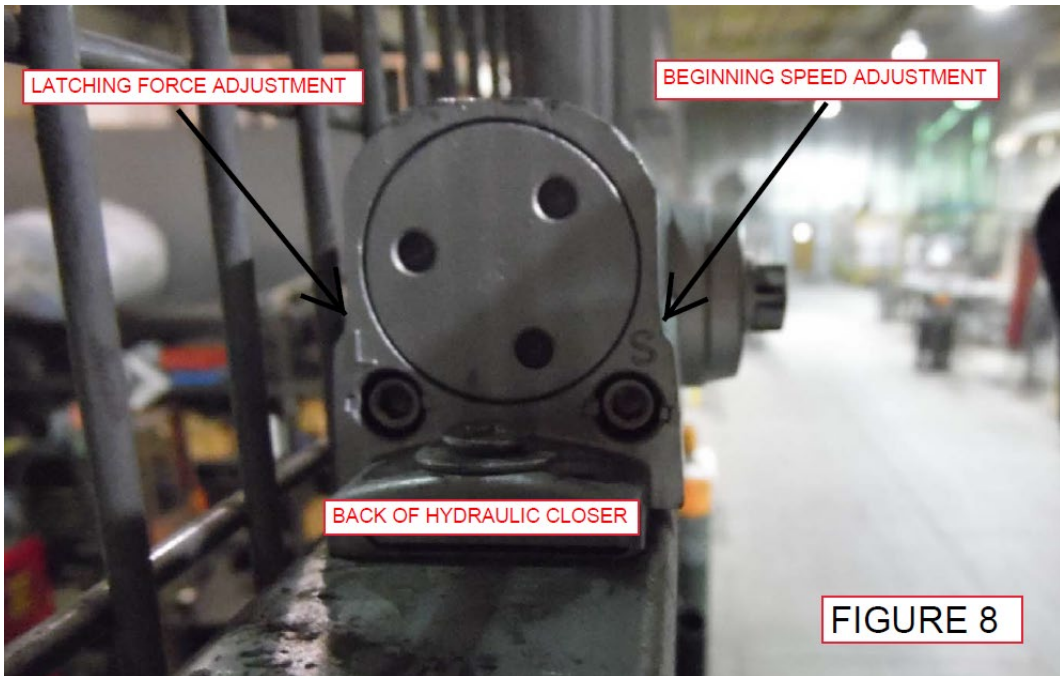
*most of the door movement is in the “L” (latch) adjustment

*a slower speed is recommended to begin with, then increase as needed to obtain the desired speed without damaging the latch.











INSTALLATION INSTRUCTIONS for 6' Slide door w/Piggyback

Door must be working properly and gliding smoothly before installation begins.

MOUNTING WHEEL GUIDE ON SLIDE DOOR

Measure down from the top of the Slide Door Track to the edge of the Slide door where the wheel guide will mount, put the bottom of the Wheel Guide at APPROX. 51"-52" down from the TOP of the Slide door track and mount in place.

MOUNTING THE HYD. DOOR CLOSER

Position the Door Arm temporarily on the Hyd. Door Closer facing the closed slide door, this is where the arm will be when the door is closed. Be sure there that the arm will still have approx. 3 inches to go to ensure that the door will be closed completely every time.

The closer mechanism actuator, where the Door Arm mounts, will be approx. 31" from the edge of the closed sliding door. The Hyd. Door Closer will be mounted on the slide door track with hardware provided. Fully tighten the Door Arm to the now mounted Hyd. Door closer on the Slide Door Track, twist the opposite side of the Door closer with wrench to align with the Door arm. The Piggyback will mount next to the CM where the Door Arm is mounted these are connected with the chain that is already attached.

Be sure to clean any metal shavings either with a brush or with a magnet, from the 4 holes drilled in the Door Track as these may hamper the trolley movements in the track.



DOOR CLOSER ADJUSTMENTS

Please adjust incrementally as to not damage the lockset or Electric Strike.

The LONG ARM- LA - Closer has 13 turns in

The PIGGYBACK CLOSER – PB - has 20 total turns in.

1 – BEGINNING DOOR CLOSING SPEED ADJUSTMENT S - adjustment

2 – LATCHING DOOR CLOSING SPEED ADJUSTMENT L – adjustment

Clockwise - Slower

Counter-Clockwise – Faster

Adjust speed as needed to speed up or slow the door latching speed

Most of the door movement is in the Latching portion.

A slower speed is recommended to begin with, then increase so you do not damage any other parts of the Slide Door Assembly, Lockset, Electric Strike etc.



Mounting the PIGGYBACK Door Closer

Mount the Piggyback Door Closer in line and right next to the MAIN Door Closer. The Chain provided will fit this distance perfectly. If you feel it is necessary, put the maximum 13 turns $7 + 13 = 20$, in the Main door closer then start with adding 3 to the Piggyback closer. The chain will come mounted to the 2 door arms just for an example of the final mounting position. You can remove the chain from one or both arms if needed. Be sure to leave a little movement in the chain as it will need to rotate when being used.

Be sure to clean any metal shavings either with a brush or with a magnet from the 2 holes drilled in the Door Track as these may hamper the trolley movements in the track.

Then adjust the main door closer to control door closing speed. You might need to add slightly to the Piggyback Closer controls, this will vary from Door to Door