

Supplemental Instructions for Hi-Lift (High Lift) Track

Special Note: If your door has 20" or less of hi-lift it may have extended verticals (one-piece vertical track), follow the standard installation instructions.

- With two-piece vertical tracks. The lower vertical track is installed the same as the standard instructions describe. The kicker, or top vertical track, which is a straight piece of track used to carry the door to the horizontal track, is installed on top of the vertical track.

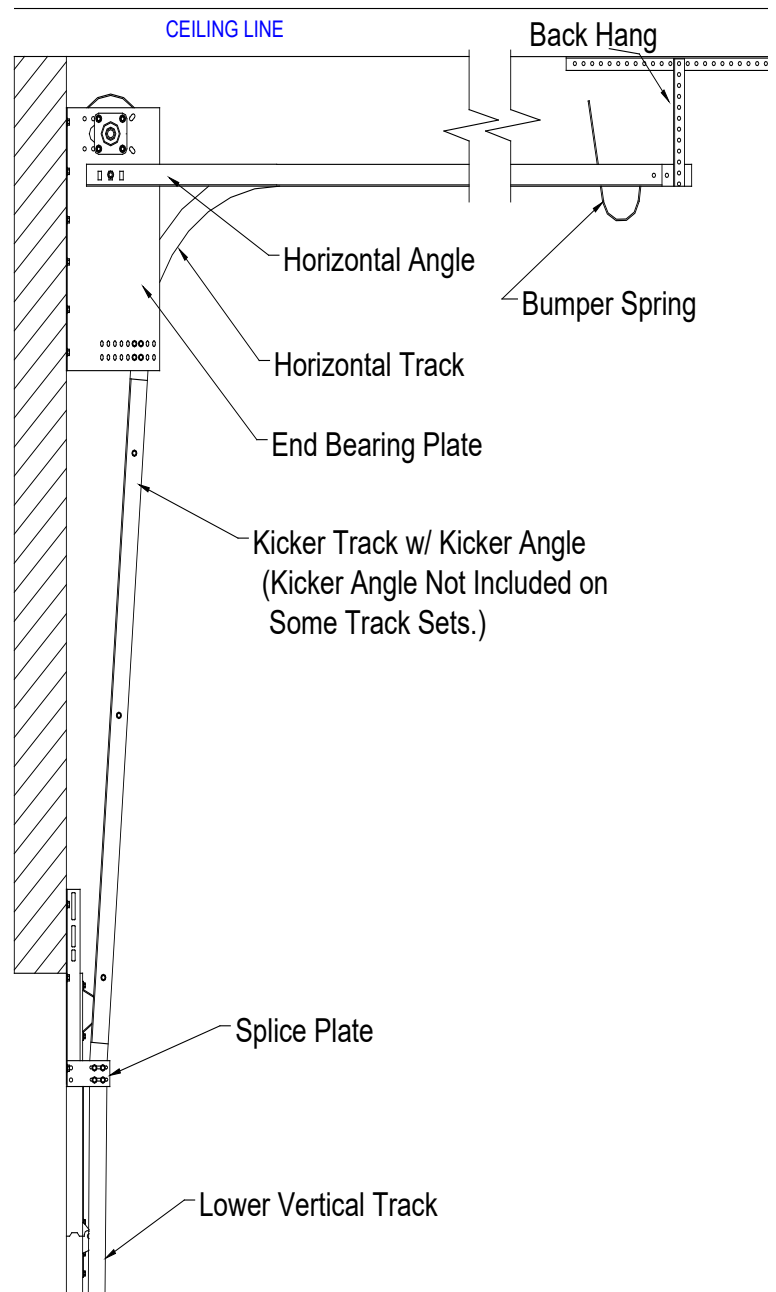
Note: Be sure the lower vertical tracks are straight, level, and plumb with each other before beginning install of kickers.

- First attach the kicker track to the splice plate at the top of the vertical track, using two 1/4" track bolts. Do not tighten the bolts at this time. Lean the kicker track against the wall and the top of the door. Be careful to keep the kicker track from falling.
- Attach the bearing plate, the large plate with the oval hole, to the top of the kicker track. Use two 1/4" track bolts to attach the bearing plate to the top of the kicker track. Do not tighten the bolts at this time.
- Anchor the bearing plate to the wall using six lag screws. (or sheet metal screws for a steel jamb)

Note: Be sure to use the lower set of holes in the Hi-Lift bearing plate when attaching the kicker track to the bearing plate. The top set of holes is for attaching the horizontal. Before lag bolting the high lift bearing plate be sure the kicker track and bearing plate are straight, level, and plumb, left to right, and not leaning in or away from the edge of the door.

Note: The Hi-Lift bearing plate has many holes along its lower edge to provide the installer options on how much pitch the kicker track may have. There is no set rule, however, the longer the kicker track, the more the kicker track should be pitched. Be sure the heads of the track bolts are on the inside of the tracks.

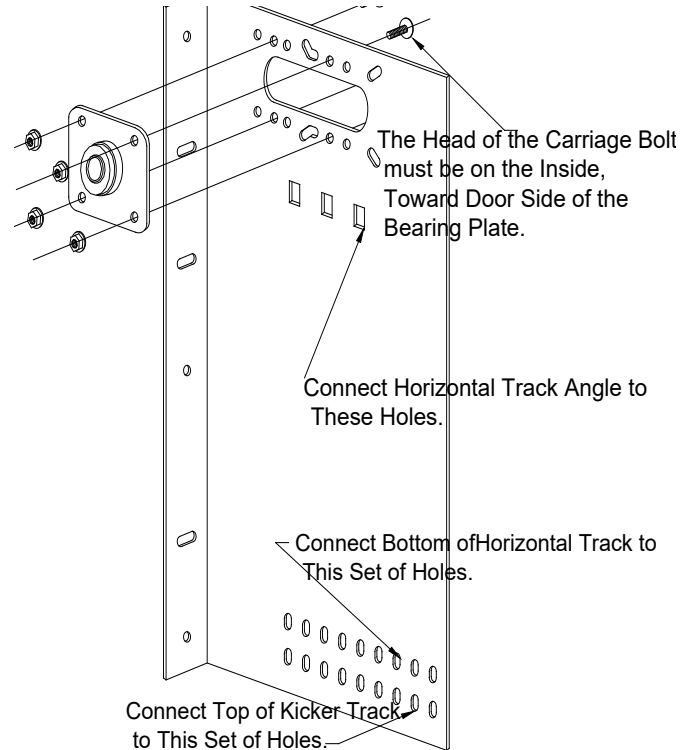
- Once the bearing plate and kicker track have been securely installed the horizontal track may be installed.
- Raise the horizontal track to the proper height and attach the radius end to the upper set of slotted holes on the bottom of the Hi-Lift bearing plate with two 1/4" track bolts in line with the kicker track that was previously installed. Do not tighten the track bolts at this time you may have to move these.* Be sure the head of the track bolts are on the inside of the tracks.



- Attach the horizontal angle to the upper part of the high lift bearing plate with one 3/8" x 3/4" carriage bolt. You may use any of the three rectangle holes in the bearing plate to attach the horizontal angle, however, its best to use the hole where the horizontal angle and track are as level as possible. Install the back hang on the horizontal track making sure to keep the track square and level.
- After the horizontal angle and bank hangs are installed, ensure the bottom of the horizontal track and top of the kicker track are aligned and tighten track bolts.
- Install the bumper springs by drilling two 25/64" holes, 1 1/2" apart near the end of the horizontal track, use 3/8" bolts.
- Install the shaft bearings in the high lift bearing plates using 4 5/16" x 3/4" carriage bolts.

Special Note: Be sure to position the shaft bearing on the outside of the high lift bearing plate, and the head of the carriage bolts must be on the inside of the high lift bearing plate with the threads going out. (The high lift bearing plates come with several different positioning options for the bearing; these different positions are used for the varying drum sizes. Use the drums provided to determine the correct position for the shaft bearing. The drum should be positioned as close to the wall as possible but not so close that it rubs.

- Once the shaft bearings, bearing plates, and tracks are securely installed you may continue with the rest of the installation. Refer to standard installation instructions for details on how to install the rest of your door.
- If the door uses a hollow shaft, a 24" filler plug will be provided. This is required for use with some operators to prevent the shaft from crushing, kinking, or bending.



Detail of End Bearing Plate Assembly

