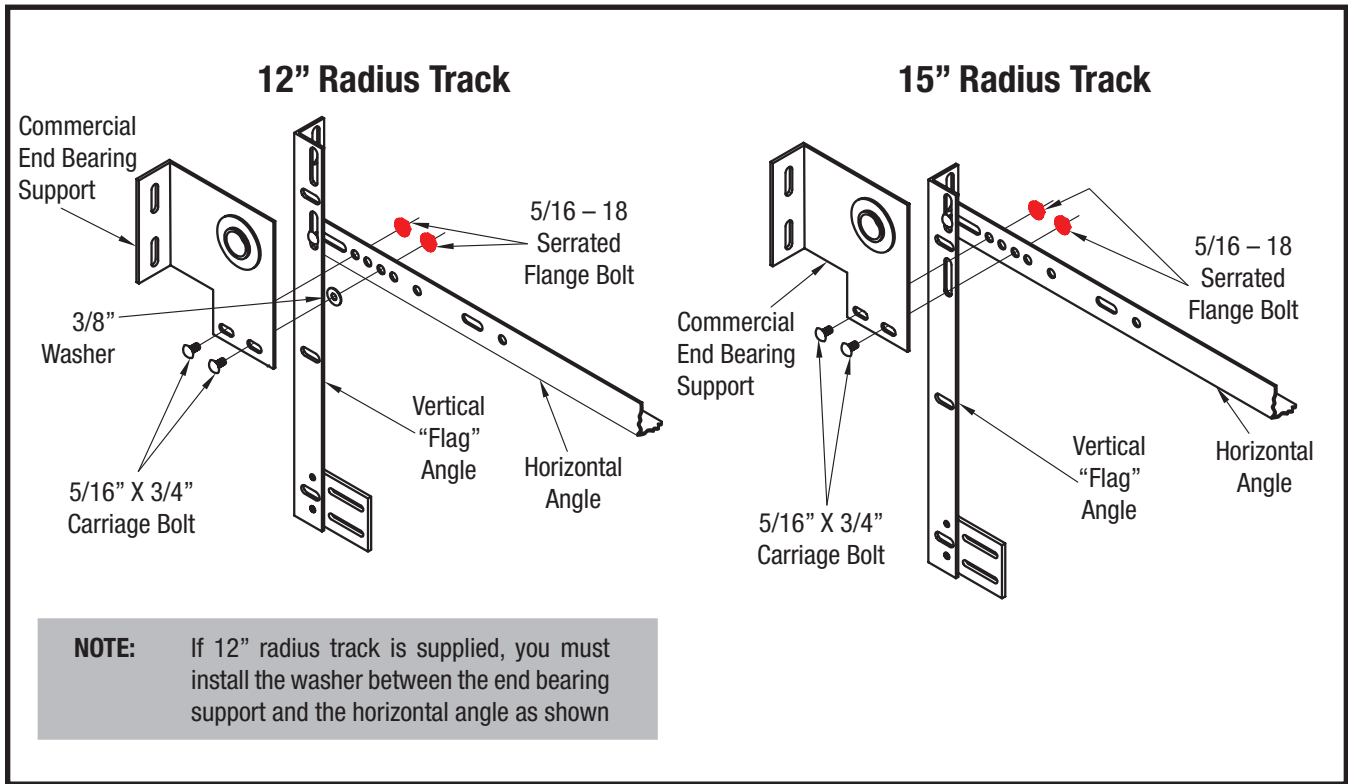


Installation Instructions & Owner's Manual

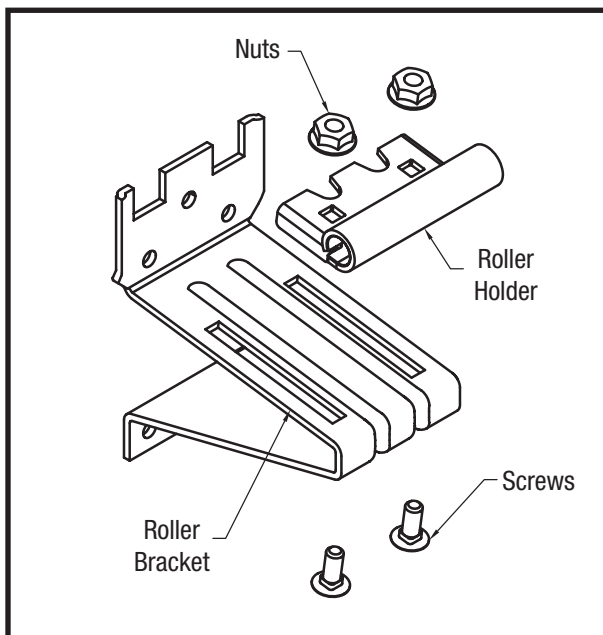
SG5000LS Alternate Track Applications (High Lift, Vertical Lift, and Dual Track)

*For professional installers only
Keep this document in a safe place for future reference*

END BEARING SUPPORTS WITH 12" & 15" RADIUS TRACK INSTALLATION

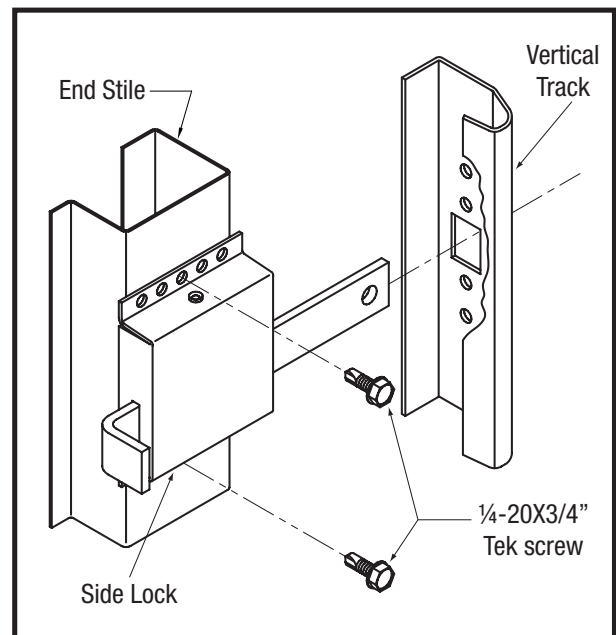


ADJUSTABLE ROLLER HOLDER ASSEMBLY

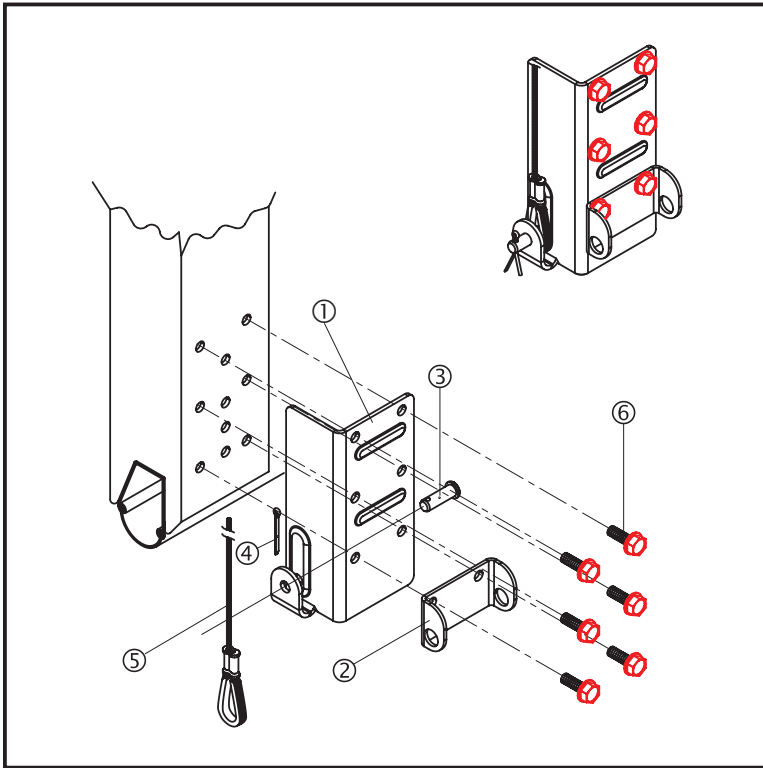


NOTE: The adjustable roller holder is used on tall doors that require roller holders taller than number 7

SIDE LOCK ASSEMBLY



BOTTOM BRACKET ASSEMBLY



Item	Description
1	Bottom bracket commercial left
2	Rollerholder 2"
3	Pin 5/16" X 15/16"
4	Cotter Pin
5	Cable
6	Hex head screw

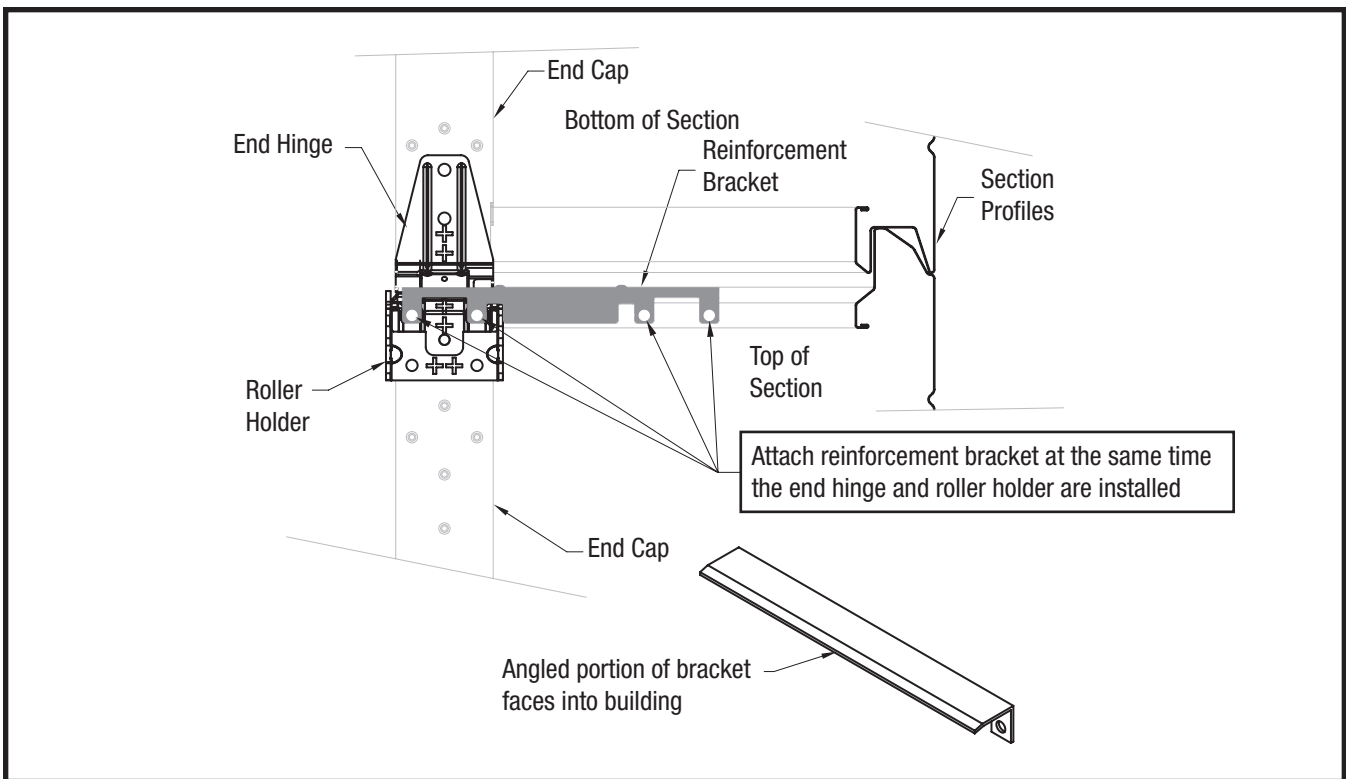
NOTE:

If the door is supplied with the bottom bracket shown. Attach the lift cable before attaching to the section.

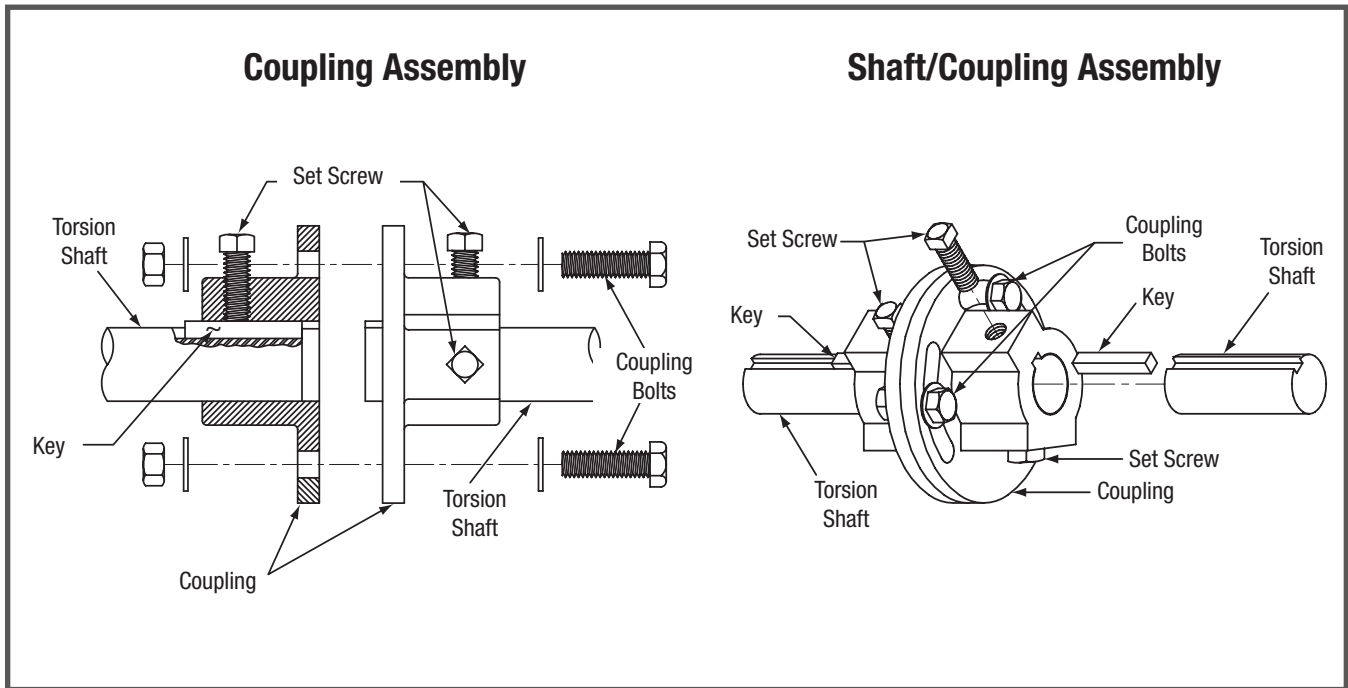
Attach the roller holder when the bottom bracket is mounted to the section.

If the door is supplied with 3" track, attach the roller holder upside down.

ROLLER HOLDER REINFORCEMENT ASSEMBLY

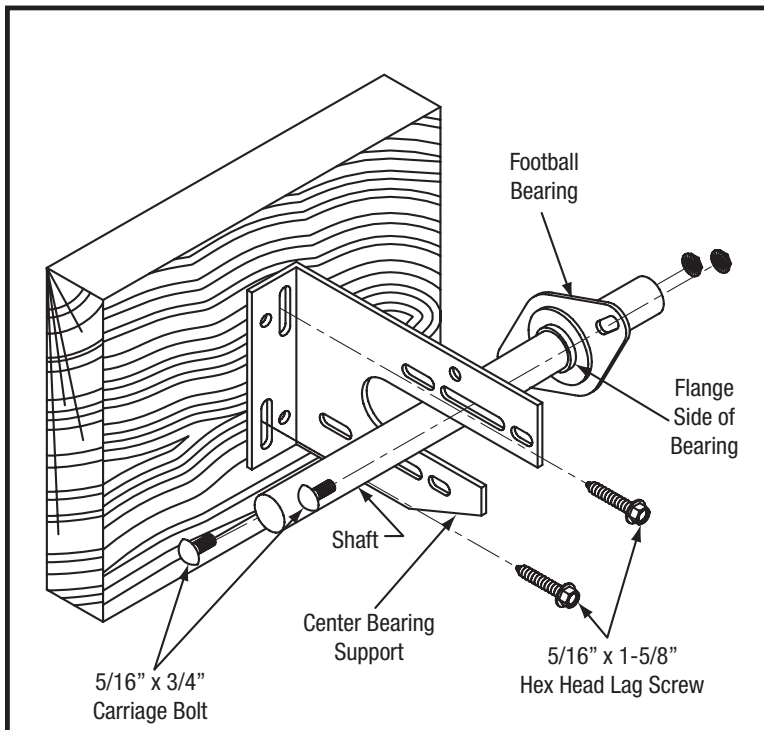


COUPLER ASSEMBLY



NOTE: When solid shaft is supplied with door, attach coupler to shaft as shown. Then bolt both halves of coupler together.

AUXILIARY BEARING ASSEMBLY



WARNING

Secure spring/shaft/bearing assemblies to the support **IMMEDIATELY!** Do not leave unsecured or unattached. Assembly could roll off support and cause bodily injury or death.

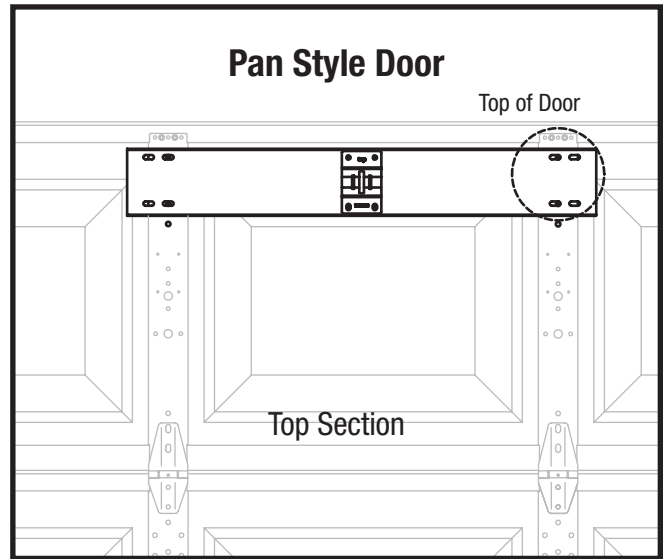
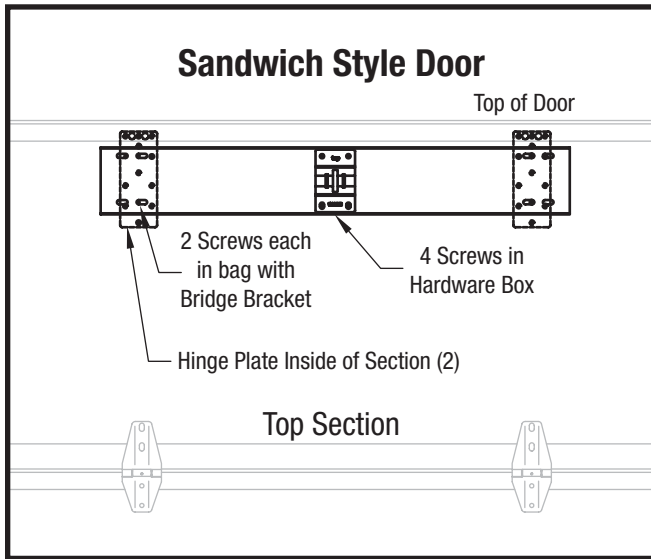


WARNING

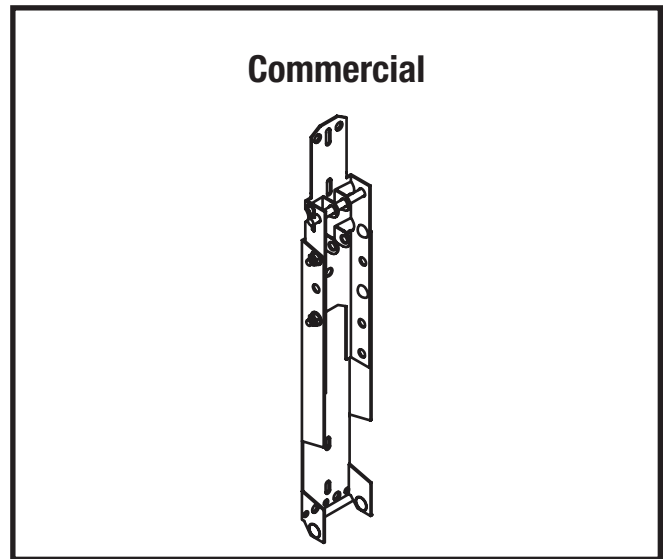
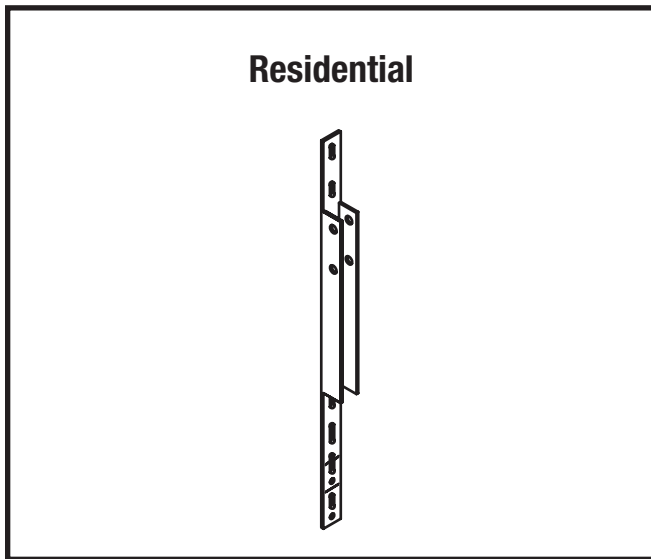
Excessive torque, such as that applied with impact tools can over-stress or strip out the threads of bolts and lag screws. It is the **INSTALLERS RESPONSIBILITY** to determine that all bolts and lag screws are **PROPERLY INSTALLED** into or through structurally sound spring pads and wood jamb (buck) material that are **SECURELY** attached to the building structure.

If Auxiliary Bearing Supports are provided, install football bearing onto torsion shaft and install to the auxiliary center bearing support as shown.

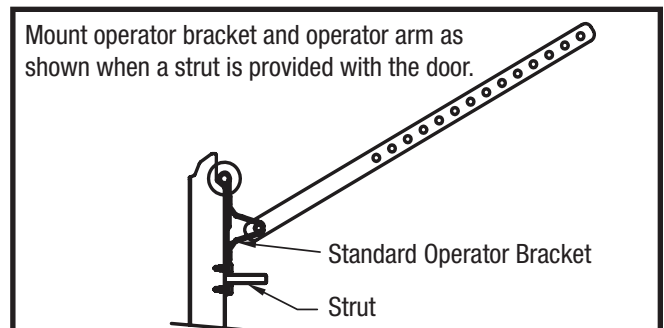
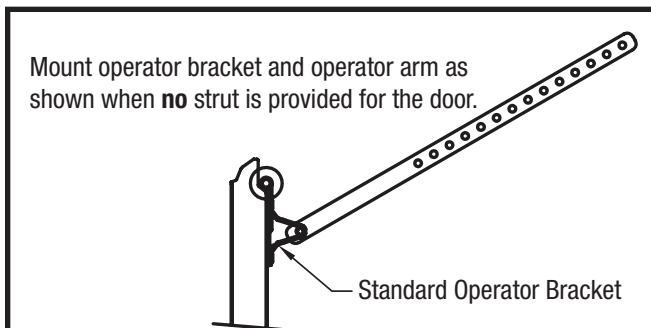
Bridge Bracket



Vertical Bracket

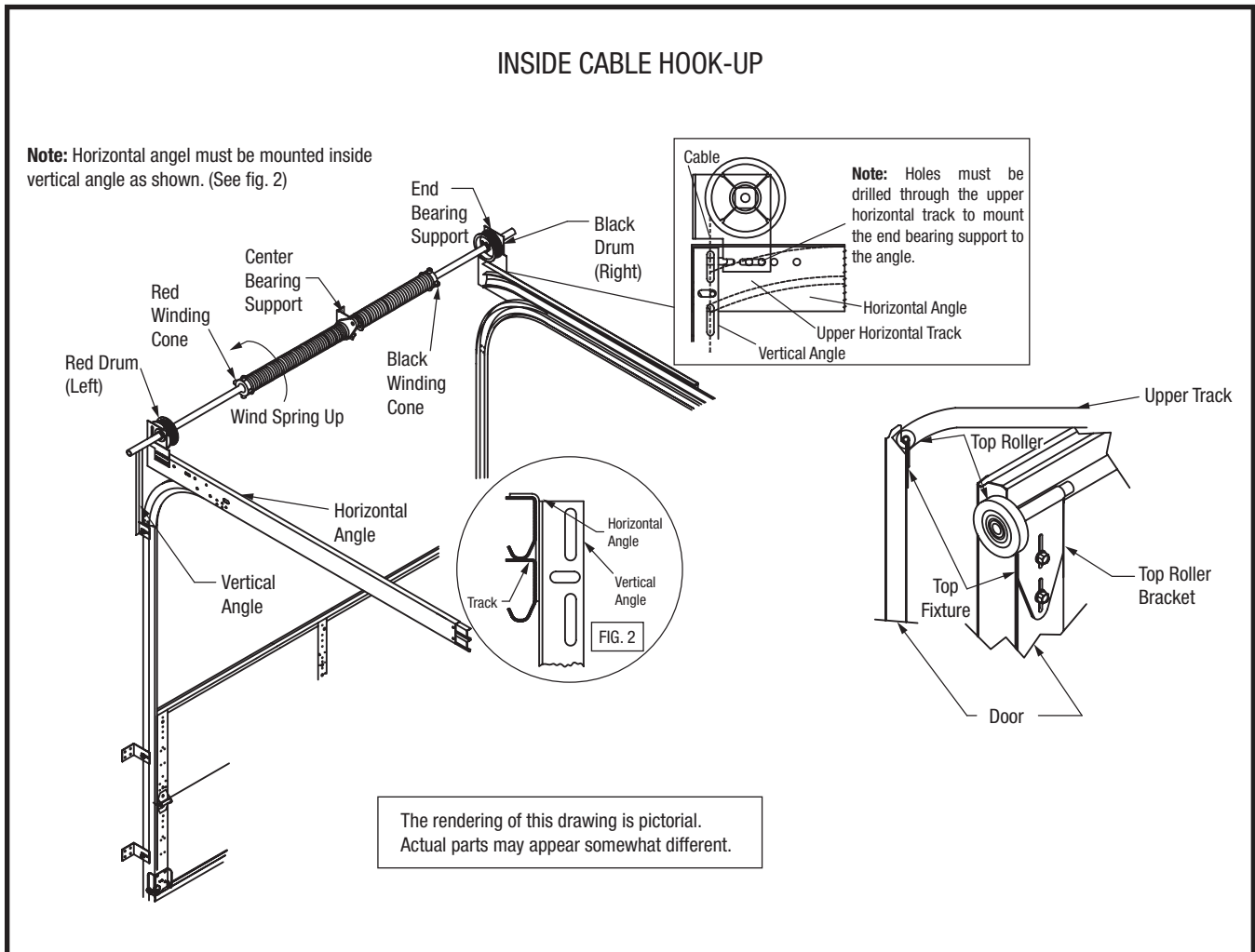


If your door has dual track, install operator bracket and operator arm as shown below.



NOTE: Strut must be installed to reinforce the top section from opener applied forces. Additional strutting not required for SilentDrive® opener.

DUAL TRACK FRONT-MOUNT TORSION SPRINGS



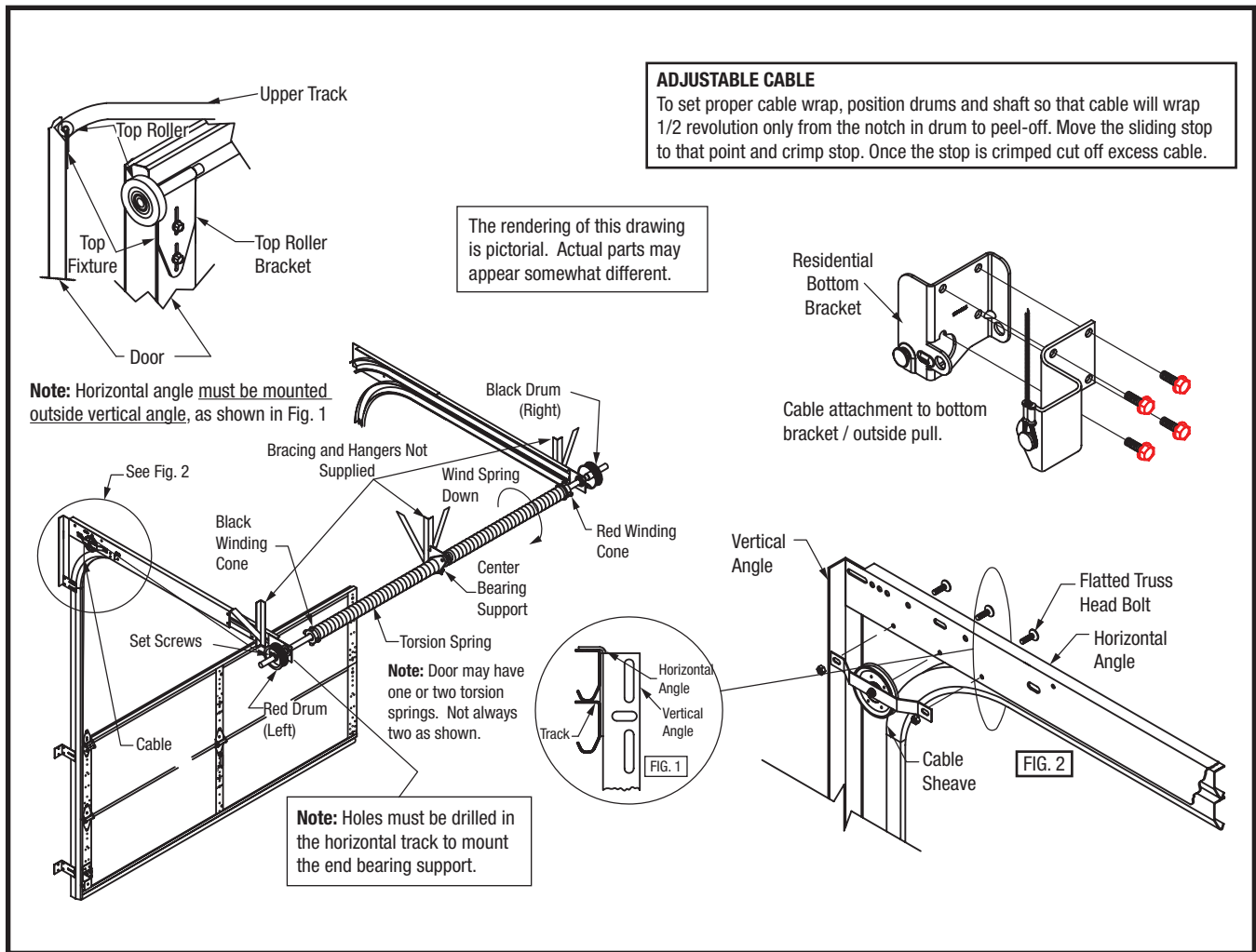
As the name implies, the hardware provided will permit installation of a door in minimum headroom.

- Step 1.** Vertical tracks are shorter than the opening height by 14" if 2" track and 18" if 3" track. The dual track is attached to the top of the vertical track with a 1/4" track bolt. The top horizontal angle is bolted to the vertical angle with a 5/16" dia. carriage bolt.
- Step 2.** The top fixture is different than a regular top fixture and is attached to the top of the door so the top roller fits into the upper track. (See illustration).
- Step 3.** Assemble and install the torsion springs assembly as shown in the illustration attached.
- Step 4. Caution! Spring tension is dangerous.** Follow the procedures outlined in your installation instruction book.
- Step 5.** To properly close the top section, the fixtures must be adjusted up or down. In the open position, the bottom section of the door is nearly horizontal and back from the header, and will require you to pull forward to start the door down. The larger and heavier the door, the more difficult the start down will be.
- Step 6.** All hangers for horizontal track and torsion must be adequately braced. Be sure to maintain adequate clearance throughout the travel of the door.



All spring tension is dangerous. When winding springs use two steel winding bars (not furnished) approximately 18" long and of sufficient diameter to closely fit into the winding cone. Always make sure each winding bar is bottomed out in the winding plug hole before applying pressure. Keep your head and body out of line with the bar when winding. Tighten all set screws securely to the shaft after tension is applied but before winding rod is removed.

DUAL TRACK REAR-MOUNT TORSION SPRINGS



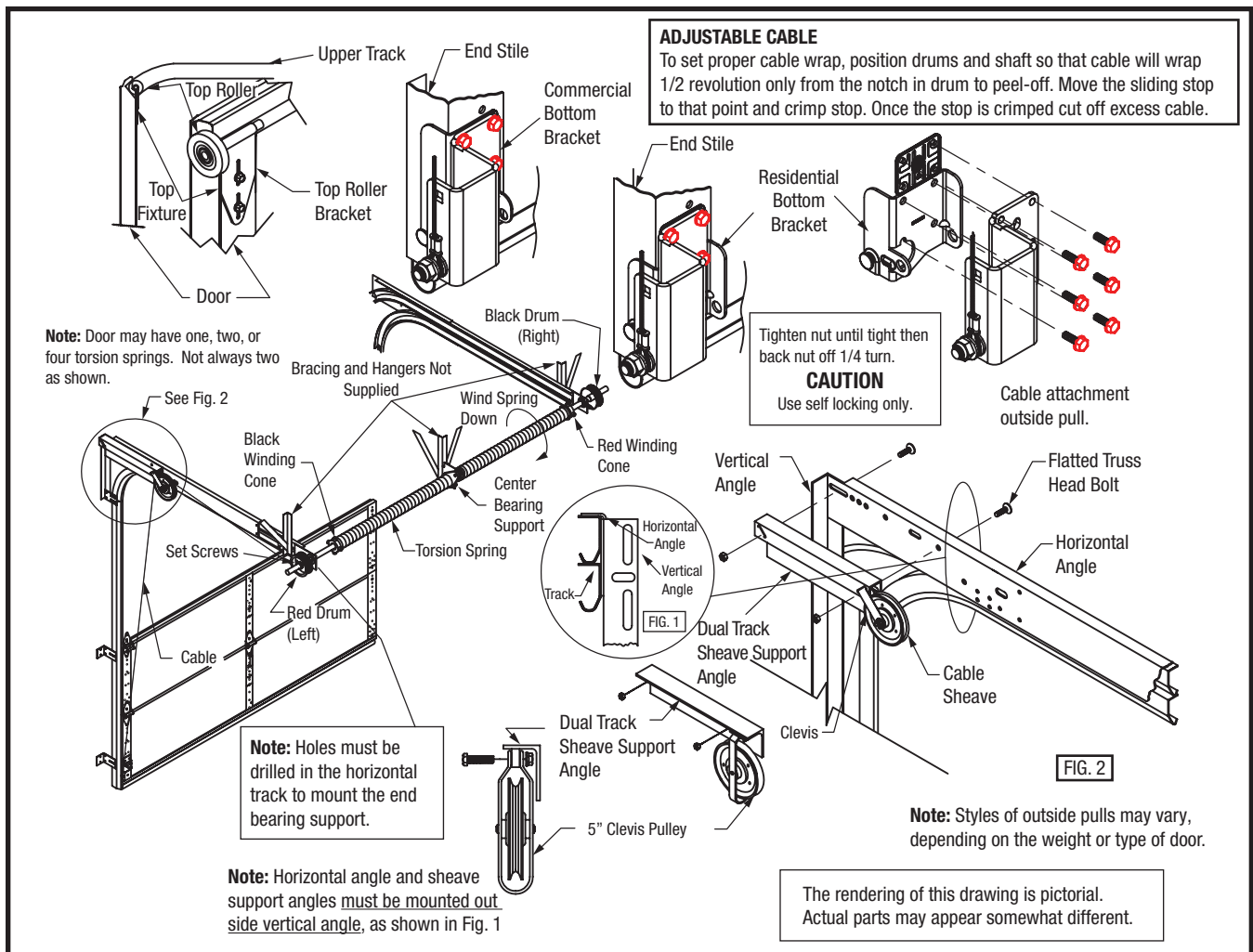
As the name implies, the hardware provided will permit installation of a door in minimum headroom.

- Step 1. When installing bottom brackets, install the outside cable pull with the same bolts, as illustrated.
- Step 2. Vertical tracks are shorter than the opening height by 14" if 2" track and 18" if 3" track. The dual track is attached to the top of the vertical track with a 1/4" track bolt. The top horizontal angle is bolted to the vertical angle with a 5/16" dia. carriage bolt.
- Step 3. The top fixture is different than a regular top fixture and is attached to the top of the door so the top roller fits into the upper track.
- Step 4. Assemble and install the torsion springs assembly as shown in the illustration above. Install the sheave supports brackets on the horizontal angle in the position shown.
- Step 5. Fixed length cables are supplied for dual track installation. If adjustable cable is supplied see note above.
- Step 6. Caution! Spring tension is dangerous. Follow the procedures outlined in your installation instruction book.
- Step 7. To properly close the top section, the top fixtures must be adjusted up or down. In the open position, the bottom section of the door is nearly horizontal and back from the header, and will require you to pull forward to start the door down. The larger and heavier the door, the more difficult the start down will be.
- Step 8. All hangers for horizontal track and torsion must be adequately braced. Be sure to maintain adequate clearance throughout the travel of the door.



All spring tension is dangerous. When winding springs use two steel winding bars (not furnished) approximately 18" long and of sufficient diameter to closely fit into the winding cone. Always make sure each winding bar is bottomed out in the winding plug hole before applying pressure. Keep your head and body out of line with the bar when winding. Tighten all set screws securely to the shaft after tension is applied but before winding rod is removed.

DUAL TRACK REAR-MOUNT TORSION SPRINGS



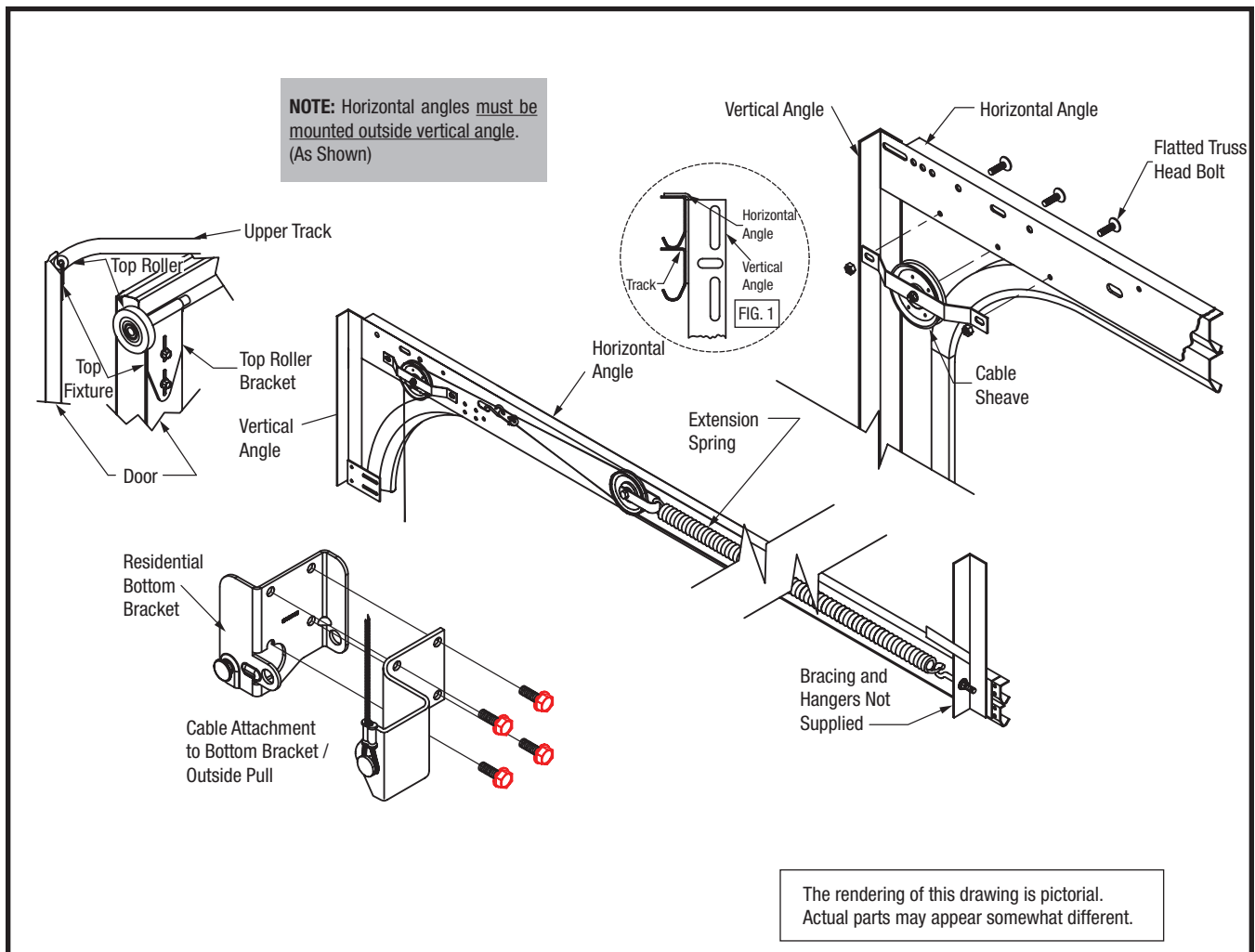
As the name implies, the hardware provided will permit installation of a door in minimum headroom.

- Step 1.** When installing bottom brackets, install the outside cable pull with the same bolts, as illustrated.
- Step 2.** Vertical tracks are shorter than the opening height by 14" if 2" track and 18" if 3" track. The dual track is attached to the top of the vertical track with a 1/4" track bolt. The top horizontal angle is bolted to the vertical angle with a 5/16" dia. carriage bolt.
- Step 3.** The top fixture is different than a regular top fixture and is attached to the top of the door so the top roller fits into the upper track.
- Step 4.** Assemble and install the torsion springs assembly as shown in the illustration above. Install the sheave supports angles on the horizontal angle in the position shown.
- Step 5.** Fixed length cables are supplied for dual track installation. If adjustable cable is supplied see note above.
- Step 6. Caution! Spring tension is dangerous.** Follow the procedures outlined in your installation instruction book.
- Step 7.** To properly close the top section, the top fixtures must be adjusted up or down. In the open position, the bottom section of the door is nearly horizontal and back from the header, and will require you to pull forward to start the door down. The larger and heavier the door, the more difficult the start down will be.
- Step 8.** All hangers for horizontal track and torsion must be adequately braced. Be sure to maintain adequate clearance throughout the travel of the door.



All spring tension is dangerous. When winding springs use two steel winding bars (not furnished) approximately 18" long and of sufficient diameter to closely fit into the winding cone. Always make sure each winding bar is bottomed out in the winding plug hole before applying pressure. Keep your head and body out of line with the bar when winding. Tighten all set screws securely to the shaft after tension is applied but before winding rod is removed.

DUAL TRACK EXTENSION SPRINGS



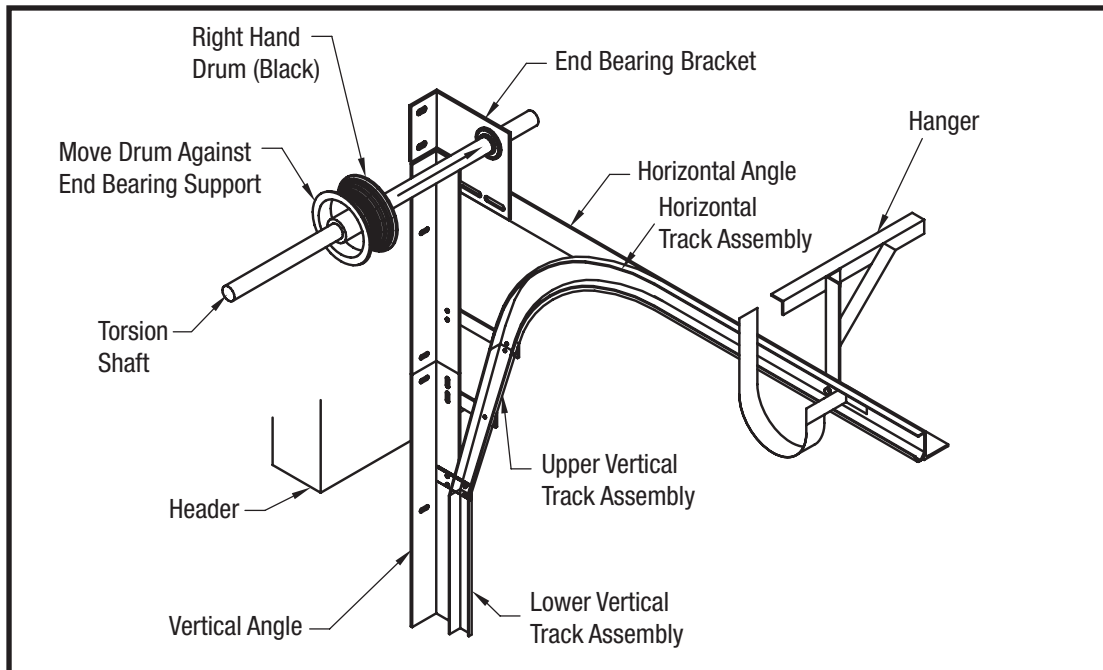
As the name implies, the hardware provided will permit installation of a door in minimum headroom. Check the chart on the inside front cover of the installation instruction provided with your door.

- Step 1.** When installing bottom brackets, install the outside cable pull with the same bolts, as illustrated.
- Step 2.** Vertical tracks are shorter than the opening height by 15" if 2" track and 18" if 3" track. The dual track is attached to the top of the vertical track with a 1/4" track bolt. The top horizontal angle is bolted to the vertical angle with a 5/16" dia. carriage bolt.
- Step 3.** The top fixture is different than a regular top fixture and is attached to the top of the door so the top roller fits into the upper track. (See illustration)
- Step 4.** Assemble and install the extension springs assembly as shown in the illustration.
- Step 5. Caution! Spring tension is dangerous.** Follow the procedures outlined in your installation instruction book.
- Step 6.** To properly close the top section, the fixtures must be adjusted up or down. In the open position, the bottom section of the door is nearly horizontal and back from the header, and will require you to pull forward to start the door down. The larger and heavier the door, the more difficult the start down will be.
- Step 7.** All hangers for horizontal track and torsion must be adequately braced. Be sure to maintain adequate clearance throughout the travel of the door.



All spring tension is dangerous. Be sure to read and completely understand the installation instructions before installing the extension springs. Installation of extension springs may require two or more people due to the weight of the door. Make sure the door is securely propped in the open position before installing or making any adjustments to the springs.

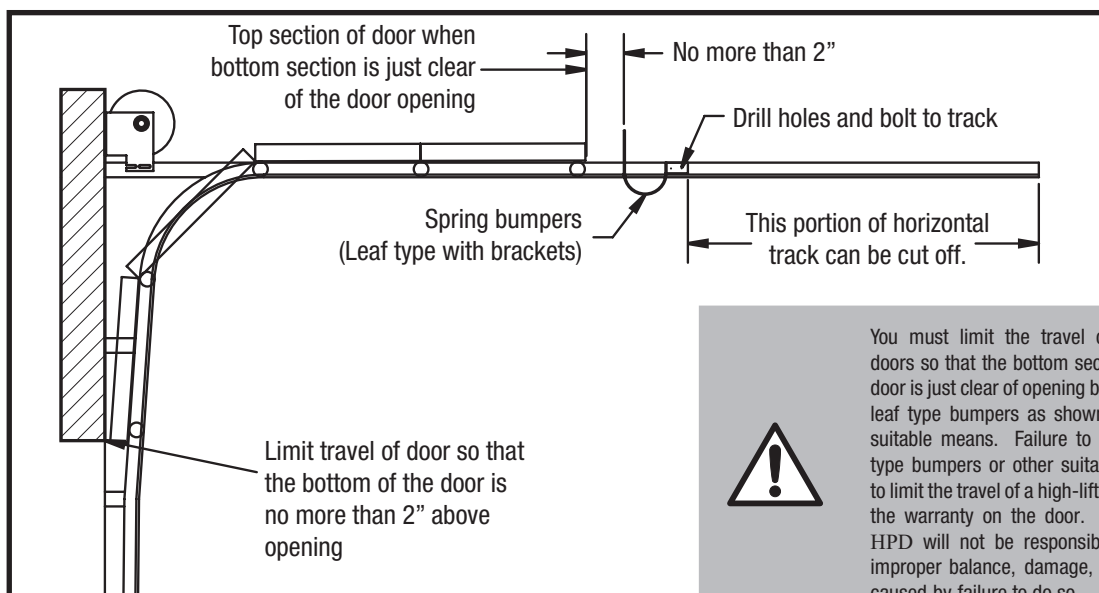
HIGH-LIFT INSTALLATION



- Step 1.** Install lower vertical track & door sections following the installation instructions supplied with your door.
- Step 2.** Install the upper vertical track assembly as shown above.
- Step 3.** Assemble and install the torsion spring assembly as shown, in your instruction book. Wind springs. Turns for the springs will be printed on the label for the hardware box. Run door up & down to check proper clearances. When proper clearances are established, permanently brace the horizontal tracks.
- Step 4.** Install Leaf type spring bumpers per instructions on next page. Read and understand installation instructions and all Safety Information before proceeding with installation. If procedure is not clear or you have any questions, seek professional help.

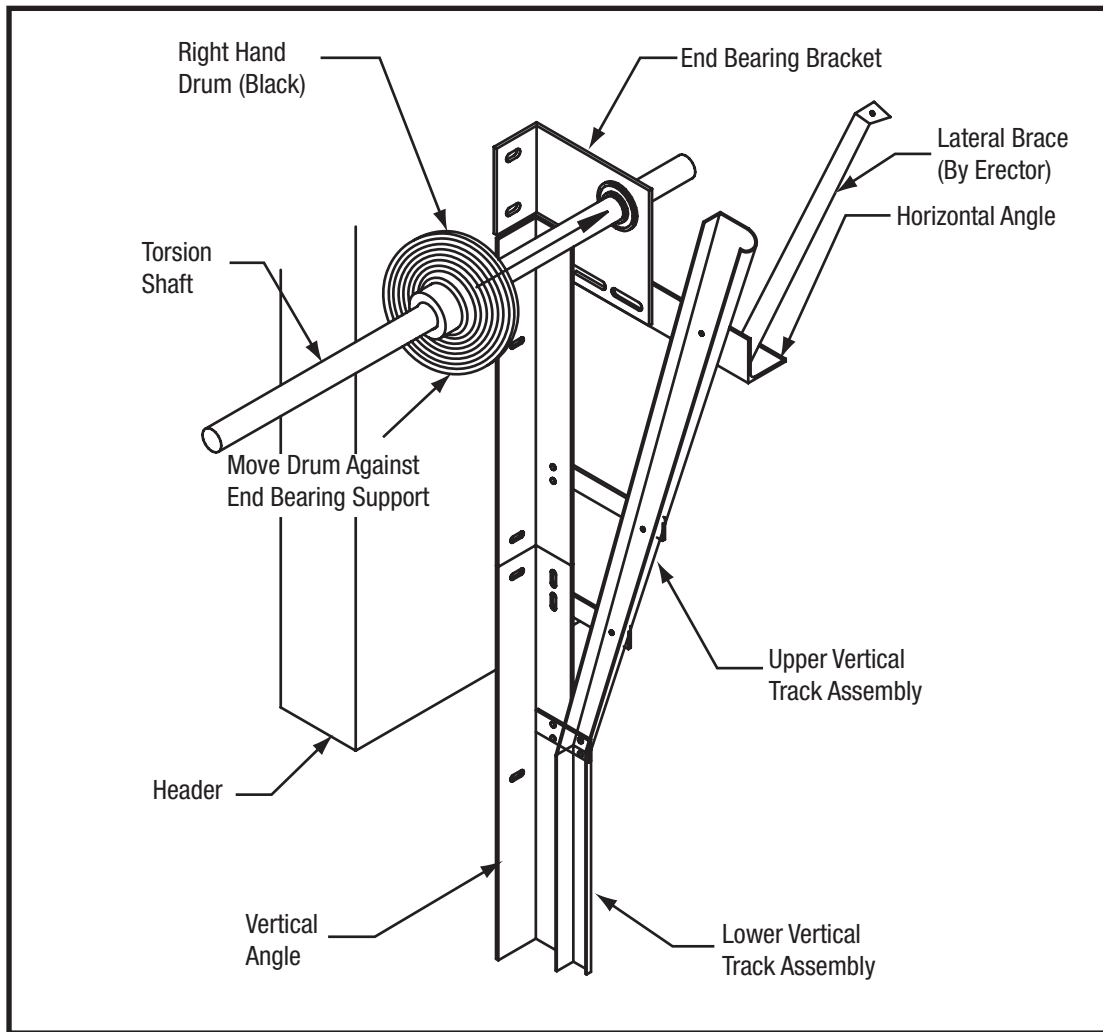
NOTE: Fixed cable lengths as furnished should not be altered. Cable is proper length if top roller is 2/3 through the curve & cable is just started onto the flat of the drum.

HIGH-LIFT INSTRUCTIONS



You must limit the travel of high-lift doors so that the bottom section of the door is just clear of opening by installing leaf type bumpers as shown, or other suitable means. Failure to install leaf type bumpers or other suitable means to limit the travel of a high-lift door voids the warranty on the door. Hörmann HPD will not be responsible for any improper balance, damage, or injuries caused by failure to do so.

VERTICAL-LIFT INSTALLATION



- Step 1.** Install lower vertical tracks and door sections following the installation instructions supplied with your door.
- Step 2.** Install the upper vertical track assembly as shown. Top of tracks should be laterally braced to the structure as shown. However, do not permanently fasten braces until door has been run up and down and checked for proper clearance.
- Step 3.** Assemble, install and wind torsion as shown in the installation instructions supplied with your door. The number of turns for the springs will be printed on the label for the hardware box, Run door up and down as described in step 2.

NOTE: Fixed length cables as furnished should not be altered. Cable is proper length if drum is completely filled with cable when door is in full open position.

Everything you've always wanted in a garage door, and more.



German Engineered, American Made

Our promise to you.

As one of the world's leading manufacturers of doors, we're committed to providing the best quality, value, and selection. Whether residential or commercial, whether steel or high density polyethylene,

whether traditional or contemporary, we have the door you're looking for. Each Hörmann door gives you the perfect array of benefits and options, with the drive to match.



Hörmann Flexon LLC, Burgettstown, PA
Headquarters and Manufacturing Plant



High Performance Doors and Dock Equipment

For assistance call 1-800-365-3667

Speed-Commander™ 1400 SEL / 10.2016

Environmental commitment has been part of our corporate culture for decades, from our manufacturing processes to the products we make.

In everything we do, we strive to minimize energy and resource use, through efficient processes long-lasting quality and innovative engineering.

