

## Supplemental insert

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Part No. 292707

REV6 05/25/2016

This supplemental installation instruction is to be used as a supplement to the main Installation Instruction and Owner's Manual provided with the door. The instructions included in this document are ONLY those which deviate from the standard installation. All WARNINGS and CAUTIONS listed in the main manual are applicable to this supplemental instruction as well.

## INSTALLATION

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This insert covers auxiliary shaft applications requiring Center Lift bottom brackets because of door width limitations or section / hardware weight. To ensure vertical alignment it is recommended to stack and hardware the complete door.

**NOTE:** Cable Failure Devices (CFD's or BCSD) are not applicable for center lift applications!

**NOTE:** Using the illustrations shown in FIG. 1.1, FIG. 1.2 and FIG. 1.3, determine which type of center lift bracket(s) you have.

**NOTE:** Center lift applications use 4 counterbalance lift cables.

**NOTE:** Always attach bottom corner bracket cables to drums on shaft with majority of springs.

**NOTE:** Shaft with majority of springs is always located at the standard location.

**TO INSTALL THE CENTER LIFT BRACKET(S):** Position the center lift bracket at the bottom of the bottom section. Using the illustrations locate them left-right, directly on top of the pre-installed rub plates, if present.

**NOTE:** If you do not have factory attached rub places, locate the center lift brackets in a position as close to the 2nd set of intermediate hinges from the end of the door as possible while avoiding cable interference with lites (if applicable) and drum interference with spring mounting locations.

Using the center lift bracket as a template, secure the center lift bracket to the bottom section using the appropriate 1/4" - 20 carriage bolts and 1/4" - 20 flange hex nuts, as shown in FIG. 1.1, FIG. 1.2 and FIG. 1.3. Secure the cable loop to the clevis pin using a flat washer and a cotter pin, as shown in FIG. 1.2 and FIG. 1.3.

**NOTE:** If your center lift bracket is u-shaped, slide the center lift bracket up underneath the bottom section, as shown in FIG. 1.1.

**NOTE:** Rub plates, where required, are factory installed.

### TO INSTALL THE ANTI-SAG BRACE (IF REQUIRED):

**NOTE:** If you have door models TM530, AP850, 2415, 220, 216, C20 or C24, an anti-sag brace will need to be installed onto the bottom section.

Position and center the anti-sag brace onto bottom corner brackets and above the roller carriers, as shown. Secure anti-sag brace to the bottom section with (2) 5/16" - 18 x 1" self drilling screws at each end and center hinge locations, as shown in FIG. 1.4.

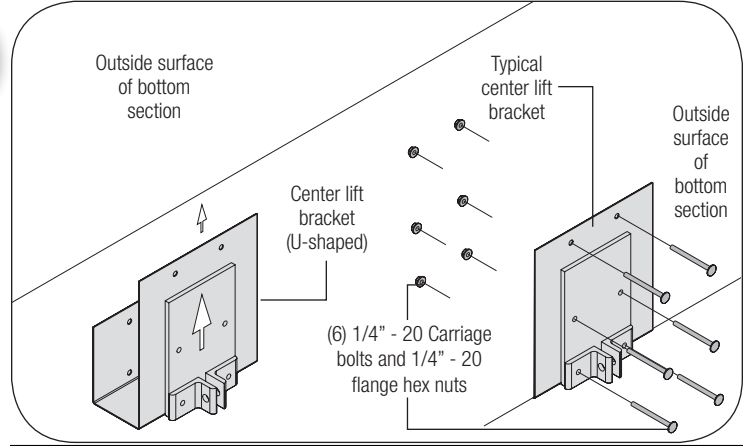


FIG. 1.1

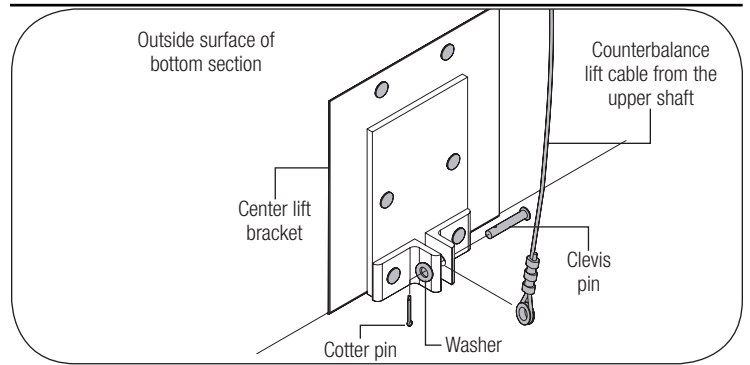


FIG. 1.2

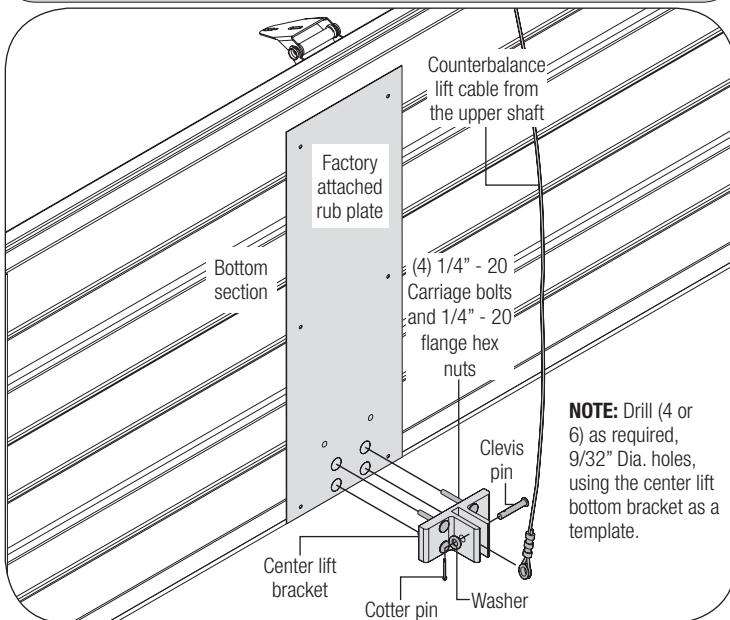


FIG. 1.3

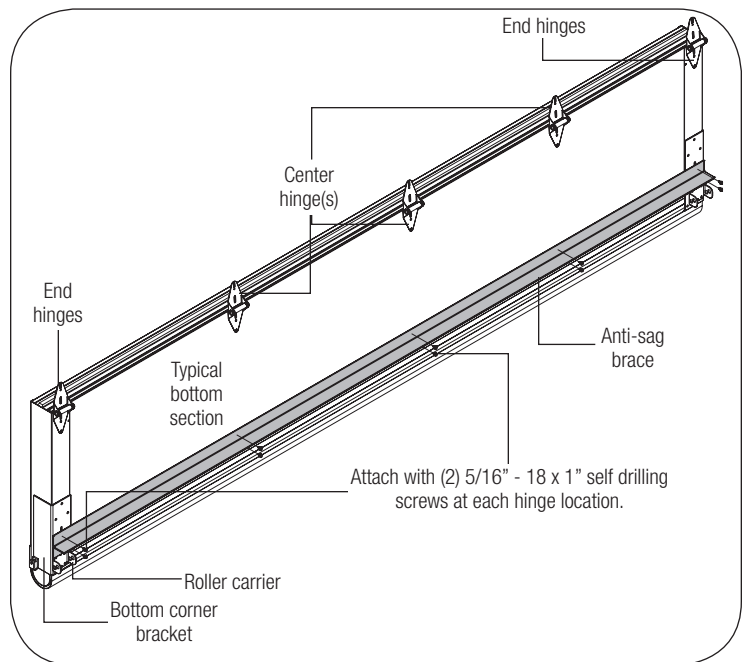


FIG. 1.4

# STANDARD LIFT / HIGH LIFT < 72"

**NOTE:** Shown here is a typical example of spring location details for a 10 spring assembly (4 springs on Upper Shaft and 6 springs on Lower Shaft).

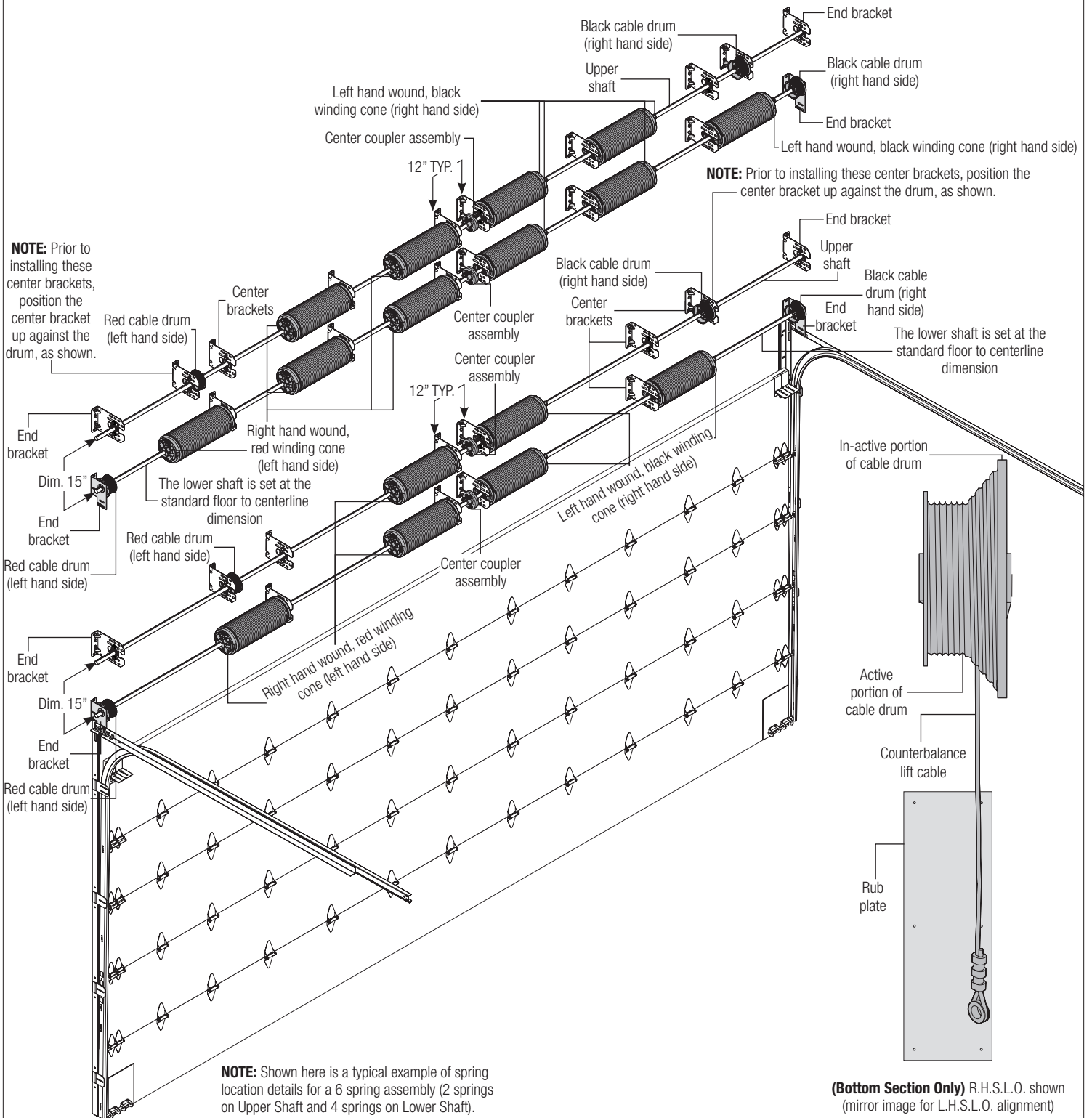
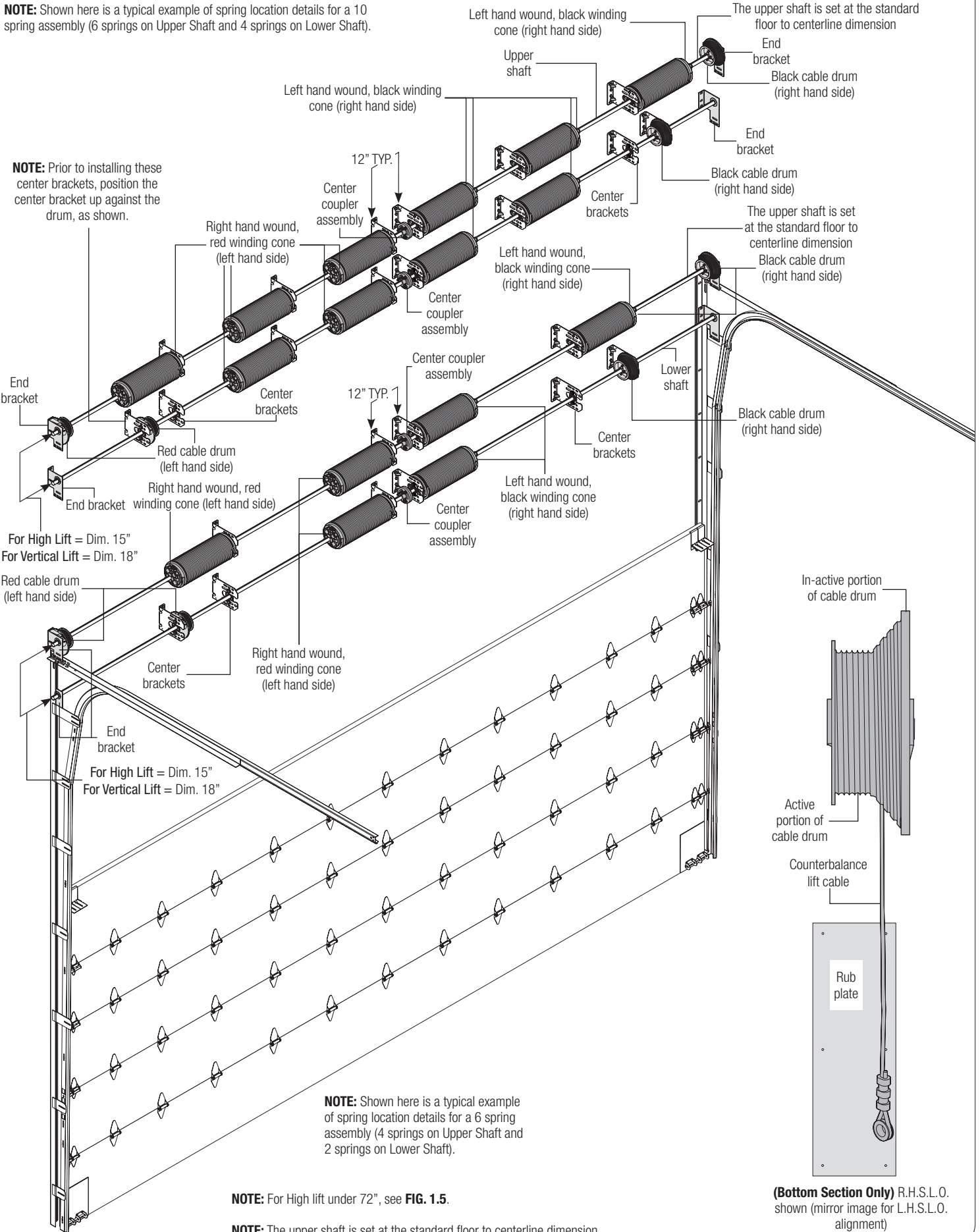


FIG. 1.5

# HIGH LIFT >= 72" AND VERTICAL LIFT

**NOTE:** Shown here is a typical example of spring location details for a 10 spring assembly (6 springs on Upper Shaft and 4 springs on Lower Shaft).

**NOTE:** Prior to installing these center brackets, position the center bracket up against the drum, as shown.



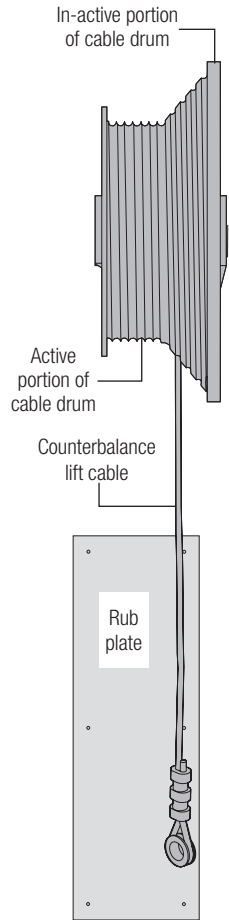
For High Lift = Dim. 15"  
For Vertical Lift = Dim. 18"

For High Lift = Dim. 15"  
For Vertical Lift = Dim. 18"

**NOTE:** Shown here is a typical example of spring location details for a 6 spring assembly (4 springs on Upper Shaft and 2 springs on Lower Shaft).

**NOTE:** For High lift under 72", see FIG. 1.5.

**NOTE:** The upper shaft is set at the standard floor to centerline dimension.

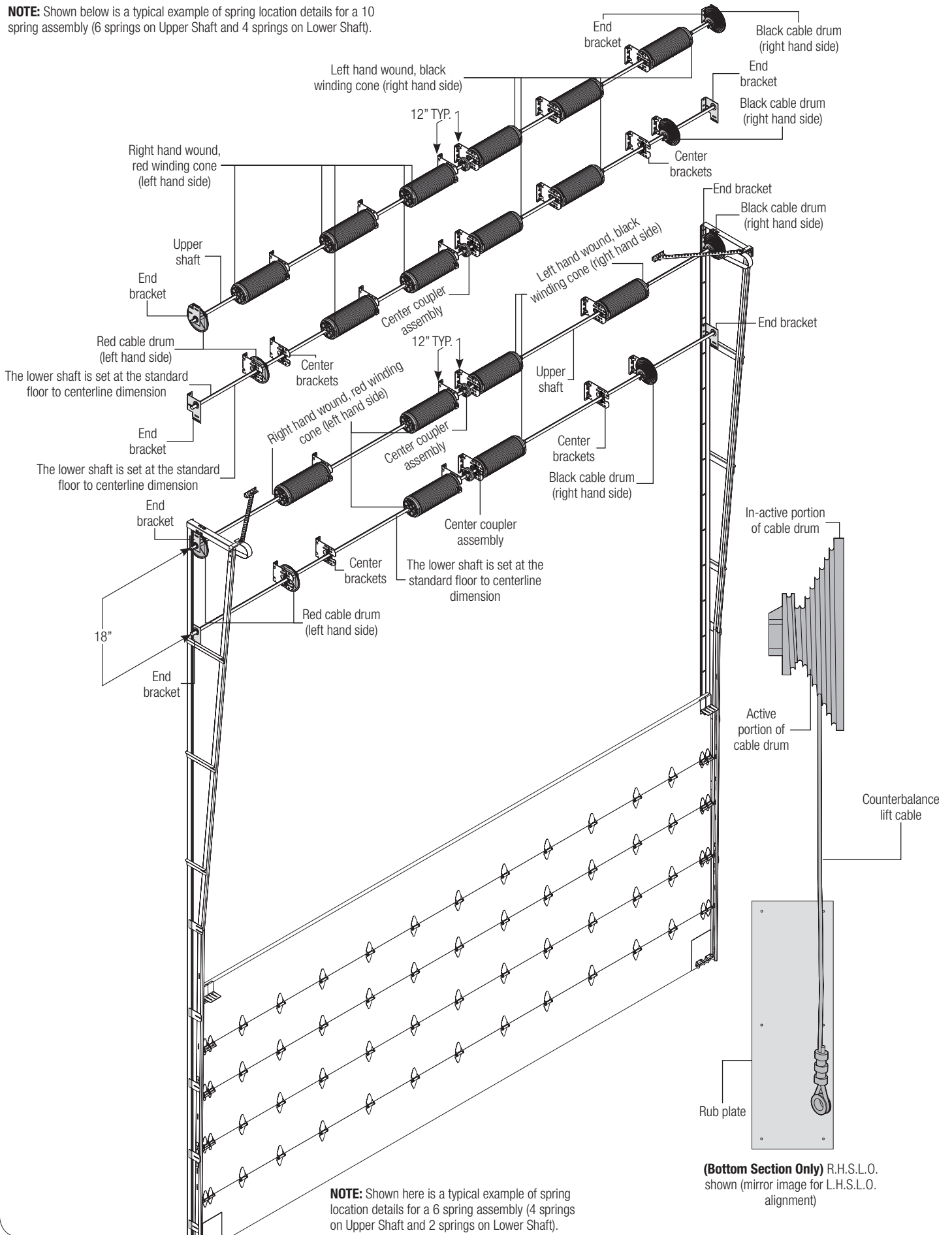


**(Bottom Section Only)** R.H.S.L.O. shown (mirror image for L.H.S.L.O. alignment)

**FIG. 1.6**

# VERTICAL LIFT

**NOTE:** Shown below is a typical example of spring location details for a 10 spring assembly (6 springs on Upper Shaft and 4 springs on Lower Shaft).



**FIG. 1.7**