

All views are from the inside looking out.

- Lock the door in the down position.
- The cable drums are marked on the ends with red or black paint. The red is used on the right and the black is used on the left. (This is opposite from the normal installation in order to get to the set screw on the drum).
- Slide the red spring assembly over the left end of the shaft; slide the nylon bearing and black spring assembly over the right end of the shaft.
- Lift the shaft and spring assembly and slide the shaft through the bearings on the low headroom bracket.
- Attach the spring anchor to a solid header surface, which is attached to the building structure, using two 3/8" x 1 1/2" lag bolts. To prevent the wood from splitting, a 3/16" hole must be pre-drilled.



!!!! Warning !!!!

The spring anchor must be mounted to a surface capable of withstanding the torque of the spring assembly.

- Attach the stationary cones to the spring anchor bracket by using two 3/8 x 1 1/2" bolts.
- Slide the red cable drum over the right end of the shaft and the black cable drum over the left end of the shaft.
- Attach the pulley to the front plate of the track by using a 3/8" x 1 1/2" hex head bolt. (See figure 17)
- Attach the looped end of the cable to the lifting pin; making sure that the cotter key is in place.
- Run the cable straight up around the pulley and back to the drum at the rear of the track. Place the cable lock into the notch of the drum (see figure 18 for details). Rotate the drum until the cable is tight and lock down the setscrews.
- To prevent the bar from turning during winding locking pliers should be placed on the shaft (see figure 18).

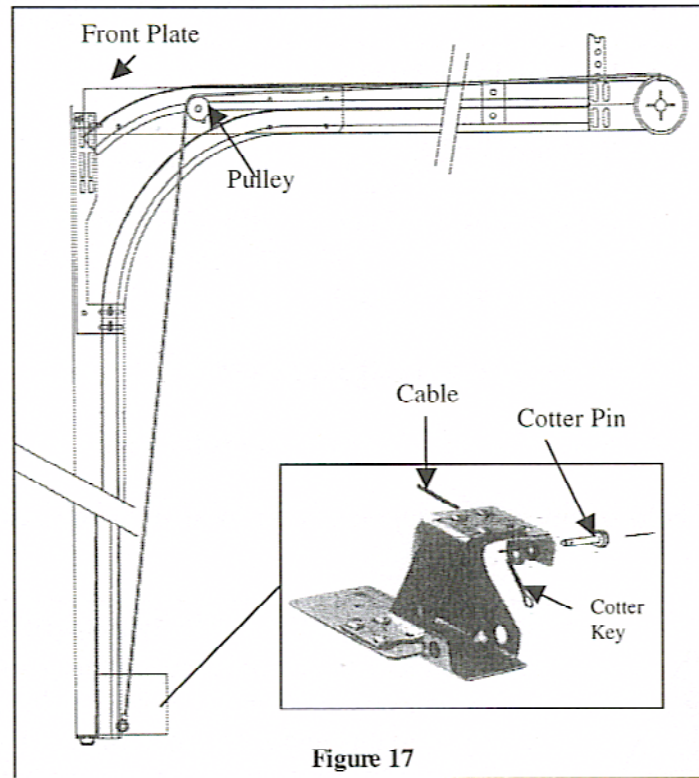


Figure 17

!!!! Warning !!!!

Springs are under extreme torque. Only a professional should wind the springs.

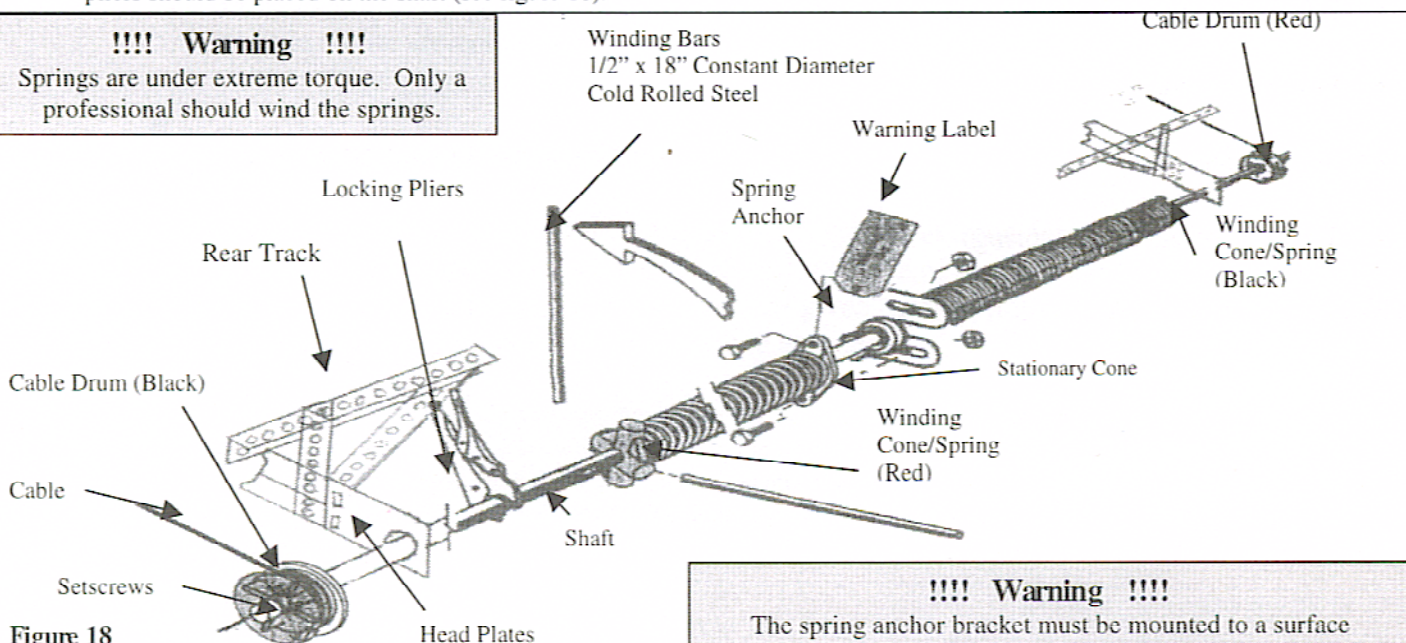


Figure 18

!!!! Warning !!!!

The spring anchor bracket must be mounted to a surface capable of withstanding the torque of the spring assembly.