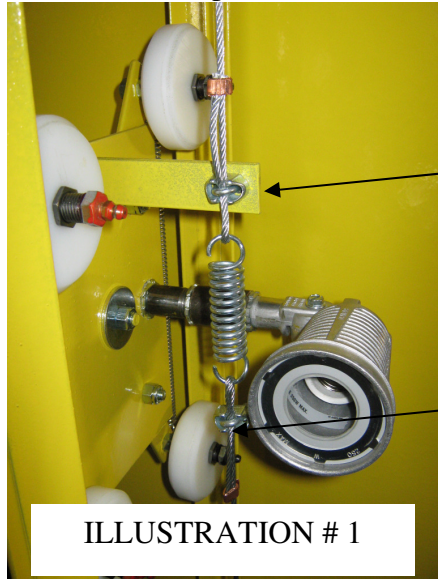


REPLACING VERTICAL CABLE ON THE MODEL J

1. Remove old cable from machine
2. Place new cable over v-groove wheels and through the top front of machine and pull down to the anchor clamp. (see illustration # 1)



ANCHOR CLAMP

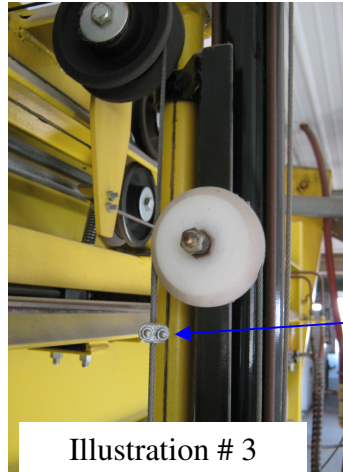
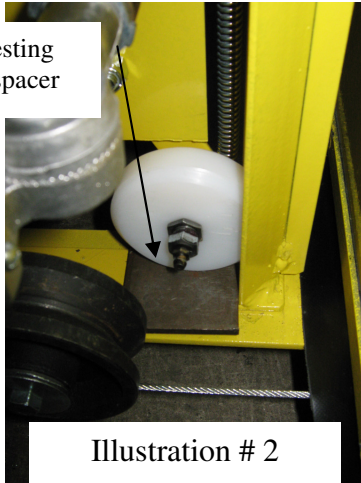
PULL CABLE END DOWN WITH VISE GRIPS TO STRETCH SPRING

3. Loop cable through clamp and hook spring into cable as shown in illustration # 1.
4. Place cable around bottom v-groove wheels and pull cable up to spring.
5. Loop around spring as shown in illustration # 1.
6. Place vise grips on cable and pull until the spring is stretched. Place clamp on cable to hold in place.

If you have the extended vertical motion option follow the following steps:

1. Rest vertical trolley on a 1/4" spacer. (see illustration #2)

Wheel resting on 1/4" spacer



Place clamp here to hold cables together

Vertical Cable

2. Vertical cylinder rod should be completely retracted into cylinder.
3. Lock cables together with clamp about 1" down from white plastic wheel. (See illustration # 3)
4. Remove 1/4" spacer block.
5. Turn off horizontal travel. Turn air and electric on to the machine and run the vertical travel up and down to make sure the white plastic wheels do not touch on either end of the travel.
6. If a wheel touches, reposition clamp until the wheels do not touch.