

Installation/Spring Assist (Supplied for large heavy blinds)

The Spring Assist is used to lighten the pull force required to lift and drop large heavy blinds. The Spring may be pre-installed in the blind or may require attachment to the Chain Drive and inserting inside the blind tube. The Spring needs to be tuned by applying pre-turns to the Chain Drive as per below.

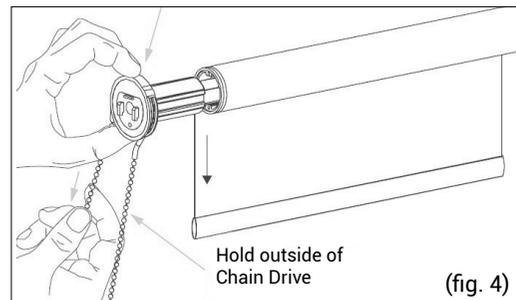
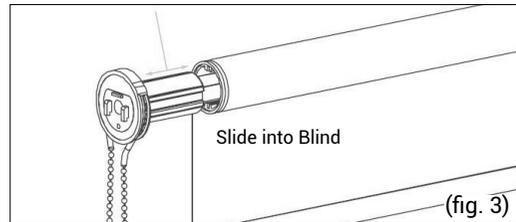
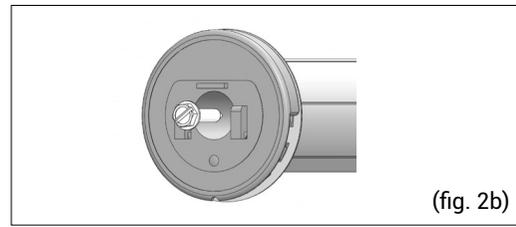
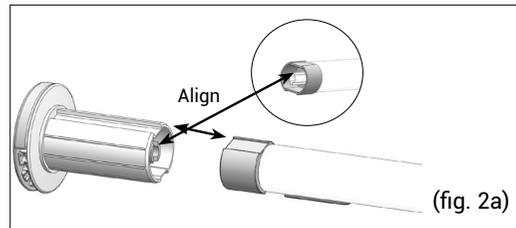
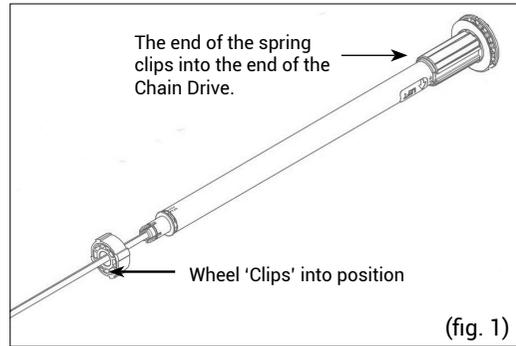
Installing Spring and Adjusting:

1. The correct spring will be supplied based on the Control Side that was selected when the blind was ordered. (fig. 1)
2. Clip the spring into the end of the Chain Drive and slide the supplied wheel over the end of the Spring shaft and clip into position.
 - a. To do this first align the keyway on the end of the spring shaft with the keyway on the chain drive clutch, secondly turn/rotate the inner shaft of the spring to align the outer groove with the chain drive, once aligned push the two items together. They will not push together if the shaft and outer casing are not aligned. (fig.2a)
 - b. Using a Phillips head screwdriver, insert the supplied screw through the end, down the middle of the chain drive, locating into the small hole at the bottom. (fig. 2b) We recommend that you tighten slowly to attach the spring to the Chain drive clutch until the screw becomes firm and then untighten the screw by $\frac{1}{4}$ of a turn.
3. Slide the Spring into the end of the Blind tube but do not push all the way in. Stop just short of the point where the Chain Drive engages with the keyway on the tube. (fig. 3)
4. You must now add tension to the spring in order to balance the weight of the blind.

ADD tension by pulling the chain in the direction of lowering the blind, while holding the outer (top and bottom) of the chain drive with your fingers. (fig. 4)

Add 4 Complete revolutions and then slide the Chain Drive into the blind tube, taking care to ensure the chain drive aligns with the keyway on the tube, install the blind and test operation.

If the Blind is too heavy to operate in the downward direction (when operating the blind down) you can reduce tension by taking the blind out of the brackets, sliding the chain drive out of the tube and reversing the directions above by operating the chain to raise the blind while holding the outer casing of the chain drive with your fingers. Remove one complete turn, then reinsert the chain drive into the blind, install the blind and test operation.



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