

Manual Clutch Spring Assist System Installation Instructions

The VIMCO manual spring assist system is used in situations where the weight of the shade would hinder manual operation of the shade. The spring is used to reduce the amount of effort the operator applies to the chain in order to lift the shade.

This type of shade is available with only 6 mounting configurations: 1. Right Clutch, Regular or Reverse Roll, Ceiling or Wall Mount or 2. Left Clutch, Regular or Reverse Roll, Ceiling Mount.

Tools required: power drill, #8 hex and Phillips drivers, 1/8" and 3/8" drill bits, pliers, level, spring winding tool.

V24 Spring Assist Shade

1. Fasten V24 clutch bracket to mounting surface with the bracket spacer behind the bracket.
2. Fasten the spring bracket at the appropriate bracket to bracket distance. Make sure the bracket holes are level so the shade will be level when installed. Open the locking bracket.
3. Engage the spring locking mechanism by rotating the tube and holding the spring tab stationary with the spring winding tool. Periodically back off the spring to see if the lock is engaging.

Regular spring winds clockwise, Reverse spring winds counter-clockwise.

4. Once lock is engaged, prewind the spring 10-15 revolutions using the spring winding tool depending on shade width and length.
 5. Insert clutch end of shade onto blade of clutch bracket and maneuver flat spring shaft into spring bracket. Close bracket lock.
 6. Release spring locking mechanism by rolling shade down.
 7. Shade should fit in between brackets with a small amount of play (approx. 1/16").
 8. Run shade up and down to see if more or less prewinding is necessary.
 9. Adjust shade for telescoping (excessive horizontal movement while the shade rolls up on the tube) if necessary, by shimming with masking tape. Roll shade all the way down and sparingly place masking tape on the side of the tube that the fabric must shift towards to roll evenly. The correct amount of tape is determined by trial and error.
 10. Crimp ball stops onto chain in the appropriate places to set top and bottom shade travel limits.
 11. Attach chain guide vertically in line with the clutch at the bottom of the clutch control chain loop.
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This is for V24 Spring Assist Shade

Component # : INS-SPRASSIST