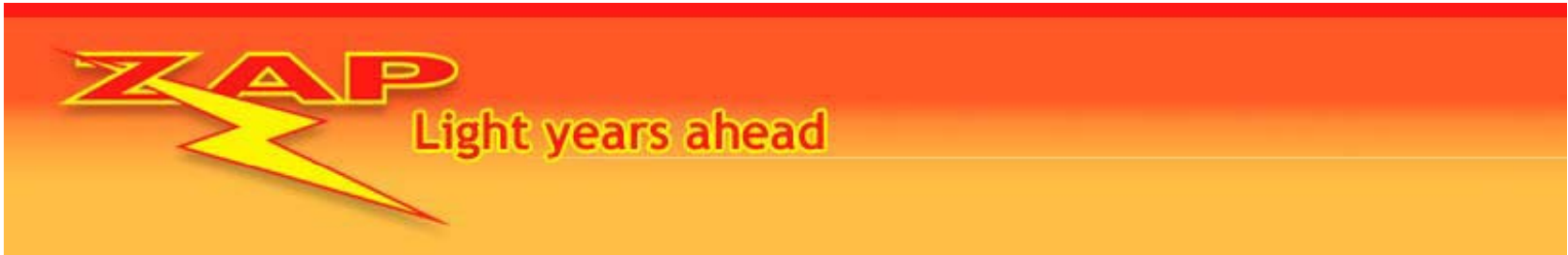




ZAP Technical Instruction



The Smallest, Quietest & Safest Garage Door Operator in the World!



Installation Instruction



Bowden Cable Tensioning





Series Operator applicable to:

- 815RL, 825, 8825, 8826, 8825-S, 8825-HP, 815-SD, 815-SL, 8815-SD, 827.





- Connect the over-ride lever to the Bowden cable tensioning system.





- Press down on the over-ride lever until the belt feels fully tensioned without locking the lever down.





- Looking at the handle of the lever as if it were the hand of a clock, it should be located just below the 3:00 o'clock or 9:00 o'clock position.



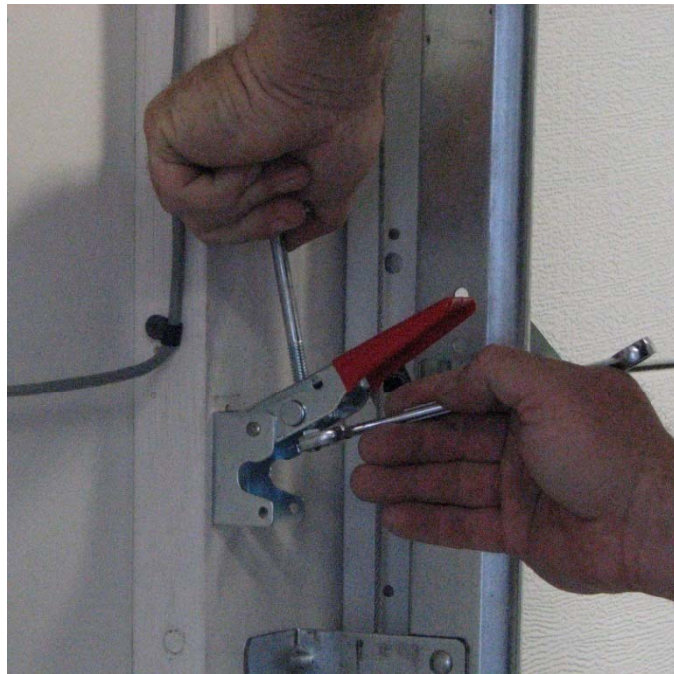


- It is important to note that on the 8826 Chain Hoist Operator the first push of the lever is lifting the hoist off of the gearing mechanism of the operator.
- It will require a second effort after the hoist has been raised to fully tension the belt.





- If it is lower than that, adjust the hook tighter until the correct position is achieved when pressing down of the lever.



ZAP

Light years ahead

- Once proper tension is achieved, lock the handle into place.





- After cycling operator to calibrate runtimes, re-check belt tension as the belt may have tightened more on one side than the other.
- Cycling the operator during set up will even out the belt slack.
- After completing runtime calibration you must re-check, adjust and re-tension the belt to prevent premature call back to re-adjust the belt tension.



- Belt wear will occur over time and require the belt tension to be re-adjusted.
- When the belt wears to point of slippage, the door will eventually default to the slow speed because the door will no longer calibrate.
- This is designed to approximate the when normal maintenance should occur based upon cycles of use, thus ensuring periodic maintenance is accomplished on a regular basis, instead of waiting until catastrophic failure.
- This constant slow speed is the alert that door service is required. Release the door check door balance and adjust the springs. Inspect hardware and test manual functionality of the door. Check belt wear to ensure belt is not due replacement and adjust override lever to proper tension.