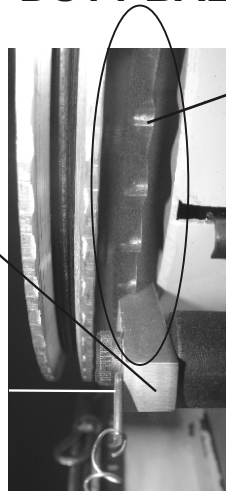
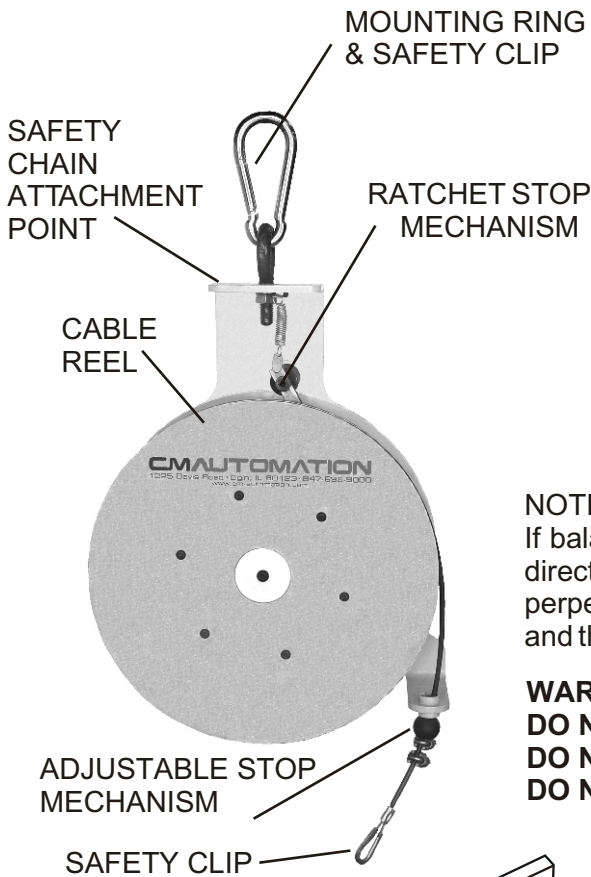


CAR-MON SERIES LFT HEAVY-DUTY BALANCER



NOTE:

If balancer is attached to a Car-Mon platform, it should be mounted directly above the tubing assembly so the cable hangs as perpendicular as possible during use, minimizing wear on the cord and the guide.

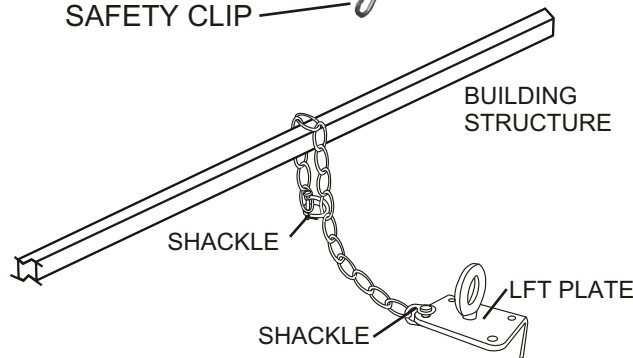
WARNING

- DO NOT** operate with damage or frayed cable.
- DO NOT** remove load until tension is released.
- DO NOT** lift loads not centered under balancer.

INSTALLATION

1. Hang the balancer on the Car-Mon platform (if provided) or mount directly above the work area securely. The mounting ring can be removed if balancer is to be bolted to the platform. The weight of the balancer and the tubing drop should be taken into consideration when mounting. **If the balancer is mounted with mounting ring, you must install the safety chain provided and attach to the building structure, and not at the same attachment point as the mounting ring. See instructions at lower left.**
2. When the balancer is secure, raise the tubing assembly to the safety clip. **DO NOT pull the cable down from the balancer to attach to the tube assembly! Damage to the balancer or injury could result!**

If the balancer tips to an angle after tubing is attached, try mounting the balancer to a location where the coated cable hangs as perpendicular as possible.



INSTALLING SAFETY CHAIN

1. Loop safety chain around secure building structural steel.
2. To complete loop, affix shackle to chain link by inserting pin through shackle eyes and install cotter key vin pin through hole and bend key legs over to secure the key in the pin.
3. Affix shackle at the opposite end of the chain to the LFT frame by inserting pin through top shackle eye on bottom. Install cotter key through hole in pin below shackle eye and bend key legs over to secure the key in the pin.



HEIGHT ADJUSTMENT

TO ADD TENSION

NOTE: If tube assembly cannot be safely and properly supported during the adjustment process, it should be removed.

1. Fully retract balancer to release tension. You may need to remove tube assembly. Do not adjust with tube assembly attached to the balancer unless properly supported.
2. Manually pull the cable by the adjustable stop until about 6' of cable is hanging and ratchet stop is engaged in one of the ratchets. Make one wrap of cable **clockwise** around the cable reel. Grab the adjustable stop and carefully release the tension on the cable. Now check the position of the ratchets and ratchet stop. The ratchet stop should not be engaged in any of the ratchets, and the ratchets on the cable reel should be at the 9 and 3 o'clock position. If they are not, pull the cable out manually and move the adjustable stop (make sure to tighten securely) so that when the stop is in the resting position, the ratchet stop is not engaged.
3. Repeat the procedure if necessary, adjusting only one wrap at a time.

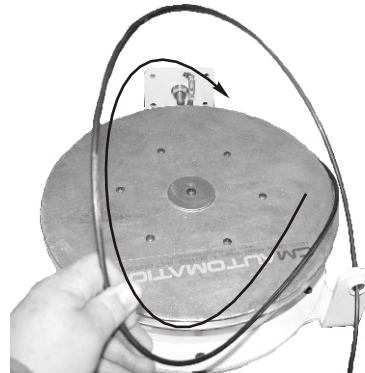
TO DECREASE TENSION

NOTE: If tube assembly cannot be safely and properly supported during the adjustment process, it should be removed.

1. Fully retract balancer to release tension.
2. Manually pull the cable by the adjustable stop until about 2' of cable is hanging and ratchet stop is engaged in one of the ratchets. While supporting the tube assembly unwrap the cable (one wrap) **counterclockwise** around the cable reel. Grab the adjustable stop and carefully release the tension on the cable. Now check the position of the ratchets and ratchet stop. The ratchet stop should not be engaged in any of the ratchets and the ratchets on the cable reel should be at the 9 and 3 o'clock position. If they are not pull the cable out manually and move the adjustable stop (make sure to tighten securely) so that when the stop is in the resting position, the ratchet teeth are at the 9 & 3 o'clock position.
3. Repeat procedure if necessary, adjusting only one wrap at a time.

ADD TENSION BY WRAPPING THE CABLE CLOCKWISE USING THE PROCEDURE DESCRIBED.

DECREASE TENSION BY UNWRAPPING THE CABLE COUNTERCLOCKWISE USING THE PROCEDURE DESCRIBED.



USE EXTREME CAUTION AND ALWAYS MAKE SURE THE RATCHET STOP IS ENGAGED IN ONE OF THE RATCHETS WHEN WRAPPING CABLE.



Check cable termination condition frequently for any fraying or damage. Call factory or a Car-Mon representative for any replacement parts or repair.

DO NOT ATTEMPT TO OPEN UNIT TO MAKE ANY REPAIRS. THERE ARE NO USER SERVICEABLE PARTS INSIDE.

If you have any questions on this procedure, please call the factory at 847-695-9000, fax at 847-695-9078, or e-mail us at the address provided below.

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