

Series BG Tool Balancers

NOTE: To minimize wear on cable and cable guide, reel should be mounted directly over work area and, preferably, on a rolling trolley so that cable is pulled out as straight as possible during use. **All tools and electric cable or hose anchor points on the balance reel cable MUST be at least 6-inches below the ball stop!**

Mount Reel

1. Use clevis to hang reel in desired location. Be sure cotter pin is installed on clevis pin.
2. Attach optional safety chain to secondary hanger bracket or other overhead support. Do not use the same attachment point as used for the clevis. See Figure 1.

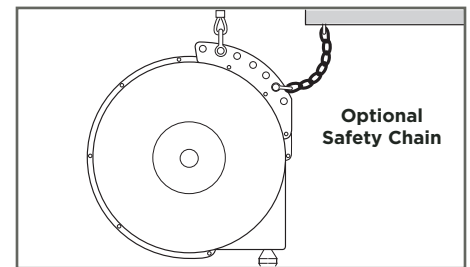


Figure 1

⚠ CAUTION ⚠

To prevent reel fall should primary clevis mount fail, it is recommended that a safety chain be used from reel to a secure secondary support. Failure to use safety chain could result in personal injury.

Attaching Load

For most effective use of reel, tool (Figure 2) should be positioned at **top** of working range with **no cable pulled off reel**. Use overhang cables to achieve proper distance *from reel to tool*. Cable on reel should be used only to move tool within working range. **To attach load** (all components hung on reel), raise load to safety clip and attach. **DO NOT pull cable down to load.**

⚠ CAUTION ⚠

Always raise load to safety clip on cable reel. **DO NOT** pull reel cable down to load. Doing so can result in damage to reel or personal injury.

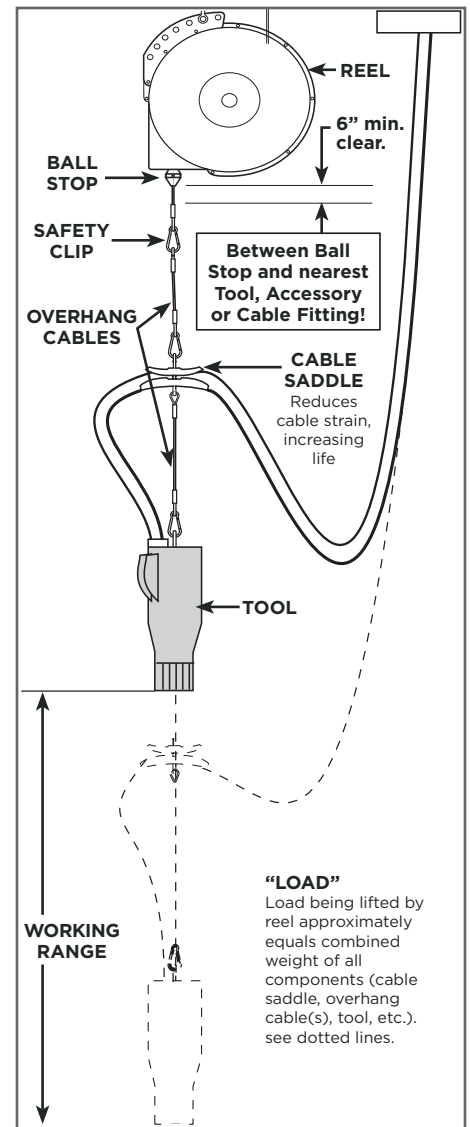


Figure 2

Tension Adjustment

INCREASE TENSION if reel will not completely rewind cable with load attached until cable stop reaches guide.

1. Allow cable to retract as far as possible.
2. Place wrench on flats of shaft. Turn shaft **counter-clockwise** until cable stop reaches guide.

DECREASE TENSION if load cannot easily be pulled down to desired height.

1. Place wrench on flats of shaft.
2. Hold shaft **firmly** with wrench. Depress spring on opposite side of reel.
3. Allow shaft to turn SLOWLY in **clockwise** direction until desired tension is achieved. If shaft will not turn in clockwise direction UNASSISTED, reel is at minimum tension and further tension reduction should not be attempted.

Ratchet Lock Use

If reel is equipped with ratchet lock (“-L” models), engage by pulling cable out to desired position and letting it retract SLOWLY until lock engages. To release lock, quickly pull cable out a short distance and allow it to begin to retract — it operates like a window shade.

Service

Regular Maintenance

1. Reel is factory lubricated for life. No additional lubrication is required.
2. Periodically check cable for wear. **If wear is detected, balancer should be replaced immediately.**



DANGER



DO NOT allow spring to unwind in an uncontrolled manner.

Doing so can result in damage to reel or personal injury.



DANGER



DO NOT attempt to remove spring motor from its canister.

Doing so can result in damage to reel or personal injury.

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