

Mounting Instructions

**1 Safety**

Please read this manual carefully and follow its instructions. Improper use or failure to follow these instructions could result in serious injury, death or property damage. Operators should be instructed in the safe and proper use and maintenance of this product. Keep this manual for future reference.

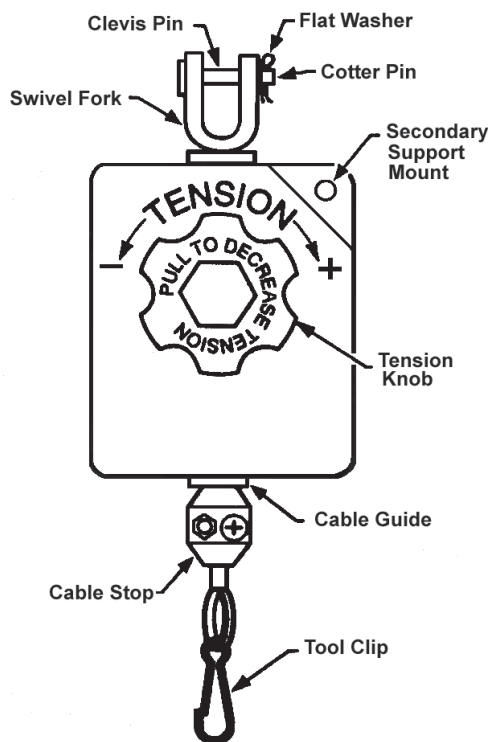
The following safety precautions call attention to potentially dangerous conditions:



Warnings are used when hazards exist which could result in serious injury, death or property damage if proper precautions are not taken.



Cautions are used as reminders of safety hazards which could result in personal injury or property damage if proper precautions are not taken.



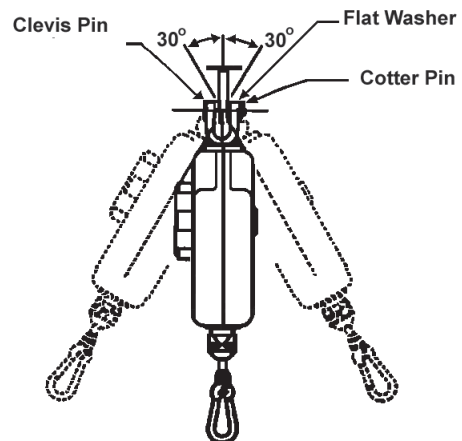
**2 Installation**



Discard used cotter pin after each disassembly. Use a new cotter pin when re-assembling clevis pin.

**2.1 Swivel Mounting**

Hang the takeup reel directly over the work area by the swivel fork provided at the top of takeup reel. Support for the takeup reel must conform to the guidelines indicated by the adjacent diagram and must be strong enough to support the takeup reel and any devices supported by the takeup reel. The support component must allow the swivel fork to pivot 30° from vertical axis, perpendicular to clevis pin axis. In use, the takeup reel must not be pulled sideways more than 30° or exceed the free play between the support component and swivel fork. To complete takeup reel mounting, install clevis pin through swivel fork and support component. Install flat washer and new cotter pin (in plastic bag) onto clevis pin (see diagram).



**2.2 Secondary Support:**



Always use a secondary cable to protect personnel in case of mounting components or support structure failure.

Attach one end of secondary support chain or cable to secondary support attaching point on takeup reel. Attach the other end of secondary chain or cable to a support component other than that which supports the takeup reel. The chain or cable should be as short as possible allowing the takeup reel to drop no more than 6 inches if the primary connection is released.

## Mounting Instructions

### 3 Operation



**WARNING**

Never pull the tool clip down to the tool. Always lift the tool up to the tool clip. If the tool clip is released when extended without a tool attached, it could snap back and cause damage or injury.

#### 3.1 Tool Positioning

Attach tool complete with hose or cable and fittings. To adjust length of overhang, remove all tension and position hook at desired height. Loosen cable stop, slide cable stop upward to cable guide and tighten. Lengthening overhang of cable will reduce active travel distance. An extension cable can be used to extend the overhang without reducing the active travel.

#### 3.2 Spring Tension Adjustment

Attach load before adjusting tension. If the tool attached to the takeup reel cable descends freely, there is not enough takeup reel mainspring tension. Turn the tension knob clockwise to increase tension. Ensure the knob ratchet engages with housing before releasing knob. If the cable stop is tight against the cable guide, there is too much tension on the takeup reel mainspring. To decrease tension pull tension knob out and turn counterclockwise ensuring teeth engagement before releasing knob.



**CAUTION**

Failure to hold knob firmly when detensioning could result in rapid rotation of knob and damage to internal components.

After adjusting tension, extend cable to full stroke. If full stroke is not achieved (after allowing for overhang adjustments), tension must be relieved. If proper tension and extension cannot be achieved, consult the factory.

### 4 Service



**WARNING**

Do not disassemble this unit. Opening this unit could result in property damage, serious injury or death. For service, consult factory.

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