

DRAWBAR LOAD-TUGGER OPERATING INSTRUCTIONS



Primary Strap and Ratchet



Secondary Strap

Typical LOAD-TUGGER Uses

- 1. Towing of Railcar with bad Drawbar
- 2. Removal of bad Drawbars
- 3. Alignment of Drawbars

RATCHET OPERATION

To Tighten



- a. Thread loose end of strap through slot in ratchet mandrel.
- b. Pull loose end to take up slack.

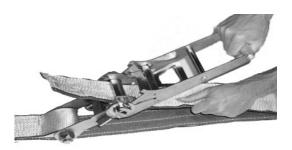


- c. Pump handle to wrap webbing onto mandrel (there should be a minimum of two (2) wraps around mandrel after tensioning).
- d. Close handle to lock in place.

To Release



a. Pull back on handle while squeezing handle latch.



- b. Rotating to about 180° will release ratchet mechanism.
- c. Loose end of strap can be pulled from mandrel.

How to Attach Straps

- 1. The connection of straps can be done using a choker hitch.
- 2. Be sure to protect strap from sharp or rough edges by using pads.
- 3. Thread eye of strap through opening of fixture.
- 4. Pass ratchet and strap through eye and tighten.

TOWING

(uses Primary Strap only)

- 1. Do not attempt to tow more than one car at a time.
- 2. Choke eye end of Primary Strap around neck of drawbar on towing car.
- 3. Thread loose end of strap through carrier iron or crosskey slot on disabled car.
- Thread loose end of strap through mandrel slot on the ratchet and pull through to take up slack.
- 5. Operate ratchet to get at least 2 wraps of webbing around mandrel.

Removal of Bad Drawbar

(uses both Primary Strap and Secondary Strap)

- Choke Secondary Strap around neck of drawbar.
- 2. Choke Primary Strap to facing car ladder at a comfortable operating height.
- Thread free end of Secondary Strap through ratchet mandrel and pull to take up slack.
- 4. Stand clear from path of falling drawbar.
- 5. Operate ratchet to remove drawbar.

ALIGNING DRAWBAR

(uses both Primary Strap and Secondary Strap)

- 1. Slip eye of Primary Strap over drawbar knuckle to move drawbar to the left, or over coupler body to move drawbar to the right.
- Choke Secondary Strap around side of car anchor point on the side toward which the drawbar is to be moved.
- 3. Thread Secondary Strap end through ratchet mandrel and pull to take up slack.
- 4. Operate ratchet to align drawbar.



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