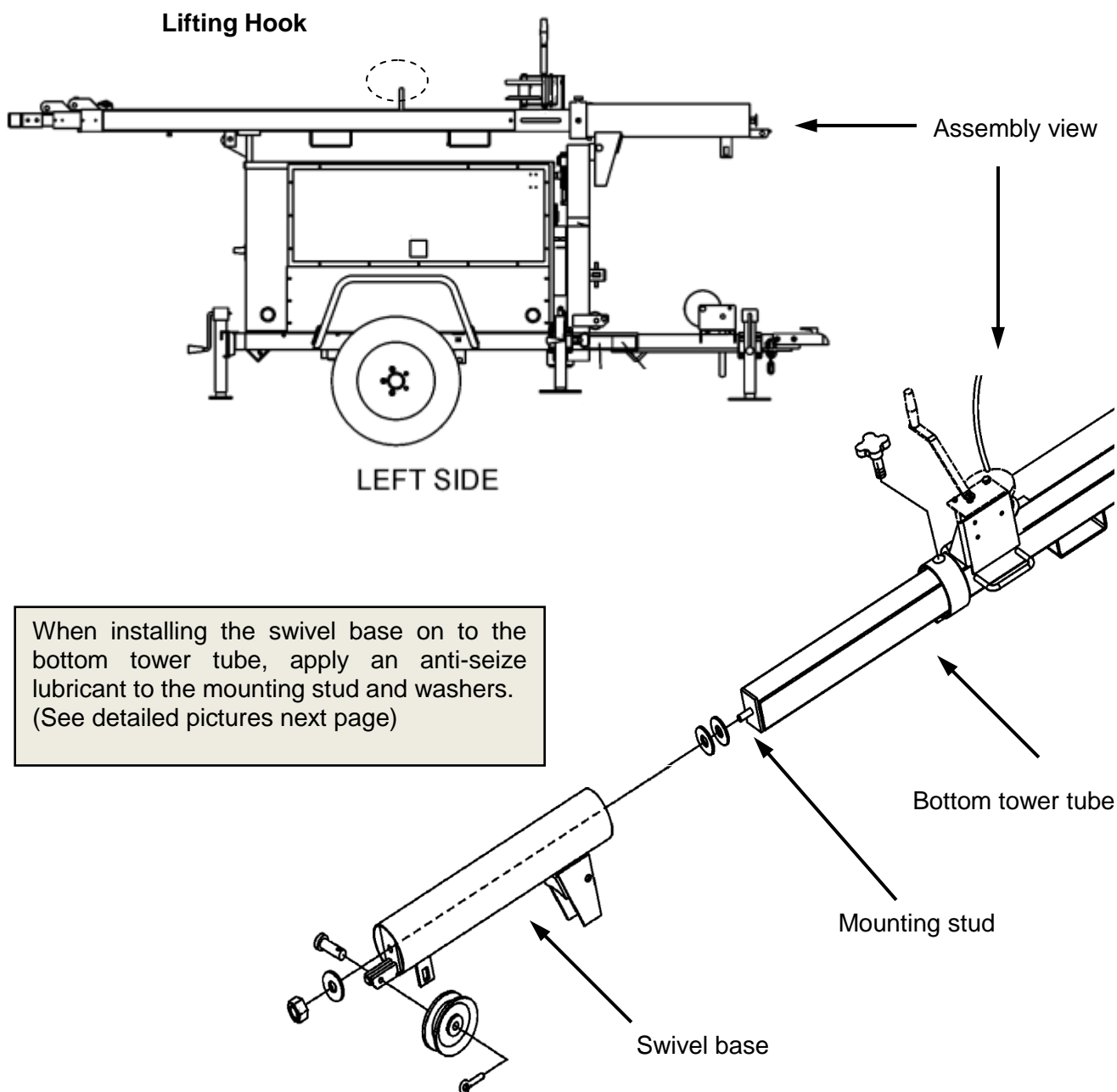


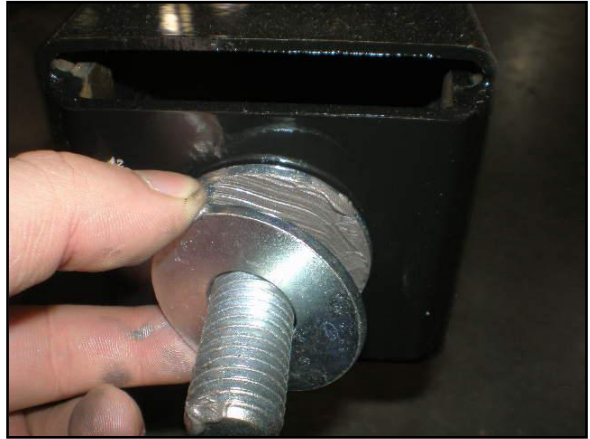


## T – BAR & MAST INSTALLATION GUIDE

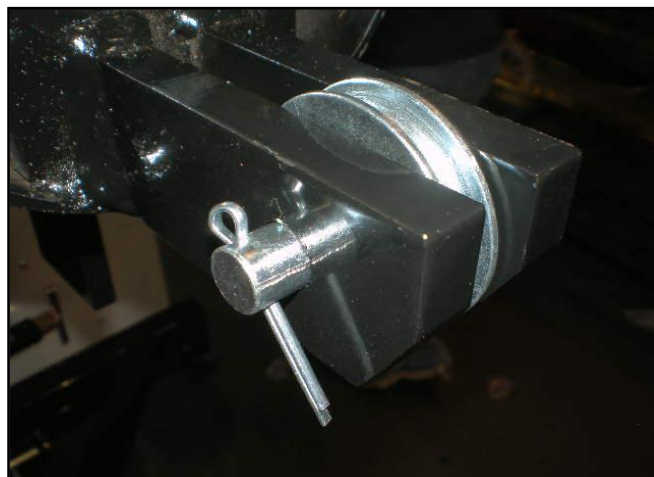
Install mast housing so it rest on mounting locations with the lifting hook in the upright position.



Apply anti-seize lubricant to the bottom tower tube mounting stud before sliding on the swivel base.



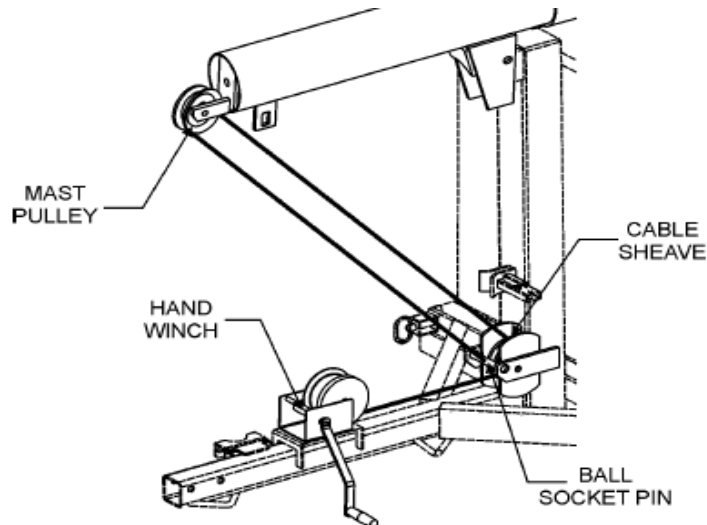
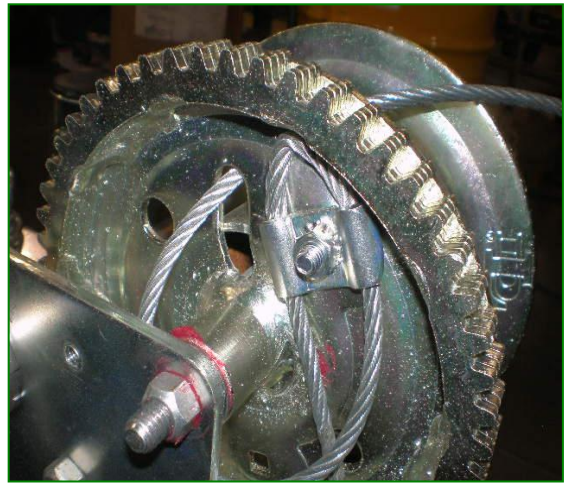
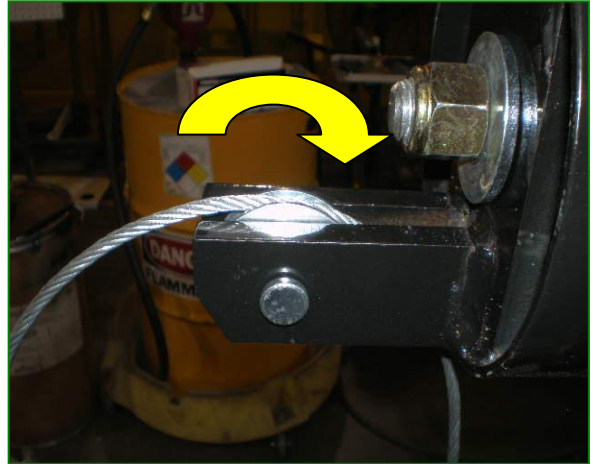
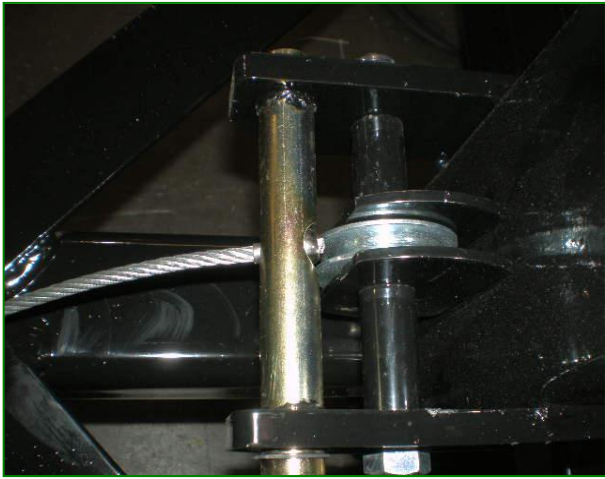
Install pulley and pin clevis onto swivel base and secure with cotter pin





## Technical Information

Route trailer mounted winch cable through ball socket pin, then up around swivel base mast pulley and down through trailer mounted pulley, and back to winch. Tighten cable and secure using hold down bracket located on winch. (see illustration bottom of this page)





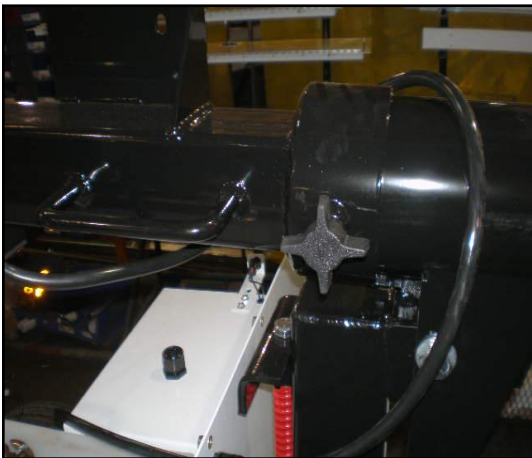


## Technical Information

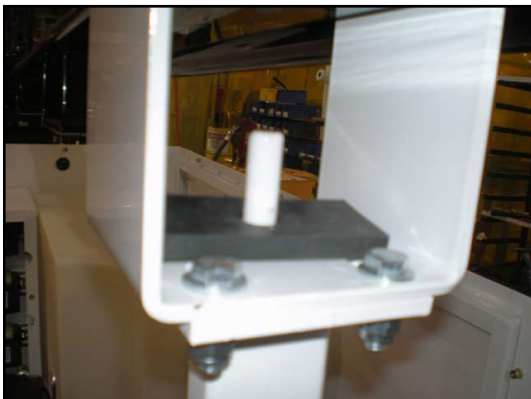
Install coil cord into mast tube so longer length of straight cord is towards the front of the trailer. Install hold down clamp on to the third coil for proper cable length.



Wrap cable around mast as seen in picture one time. Pull cable slack through clamp located in front panel until cable pulls tight to swivel base mounting bolt as seen below.



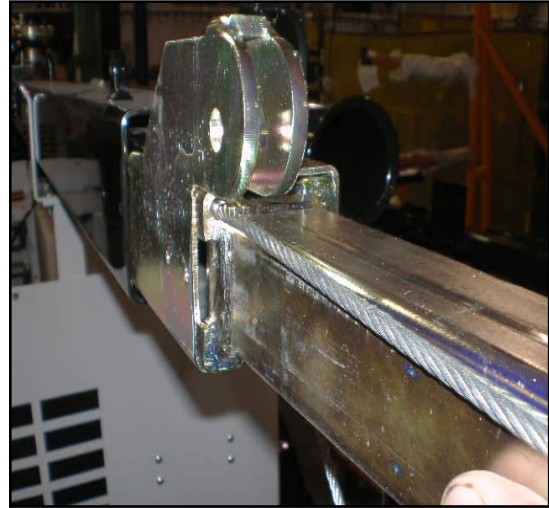
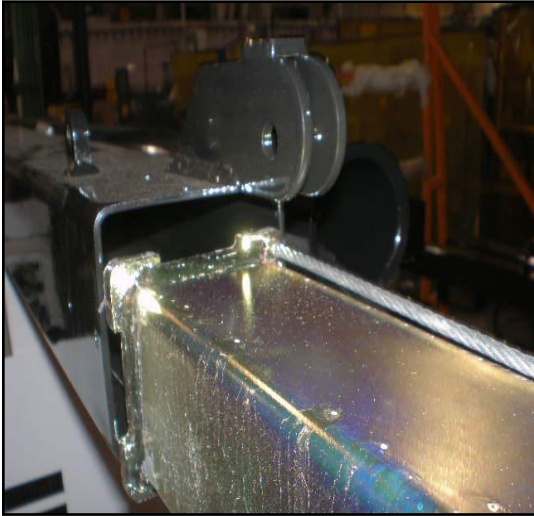
Using trailer mounted winch, raise mast where support pin is not protruding into mast housing. Install winch on mast tube seen below.



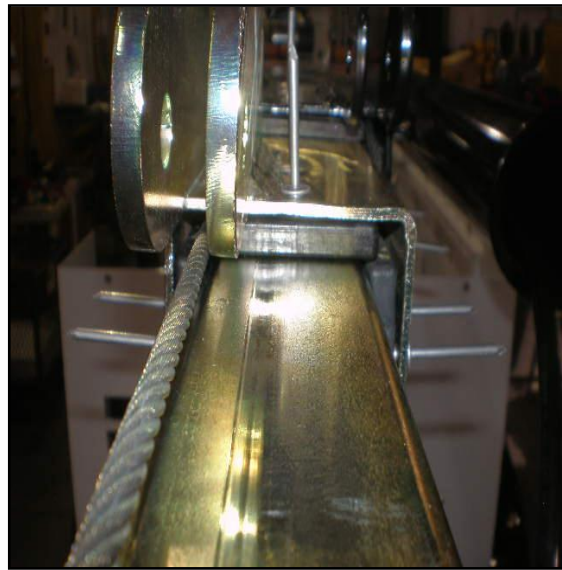


## Technical Information

Install both mast cables into upper and lower masts so bullet end of cable rests at base as seen below, install lower mast tube into mast housing so cable is in the top right corner and aligned with pulley brackets. Repeat process for upper mast, cable is in the top left corner.



Insert four mast slide blocks in between lower mast and mast housing and secure with rivets, repeat steps for upper mast between and lower mast. Be sure to keep cables aligned with pulley brackets, see below.



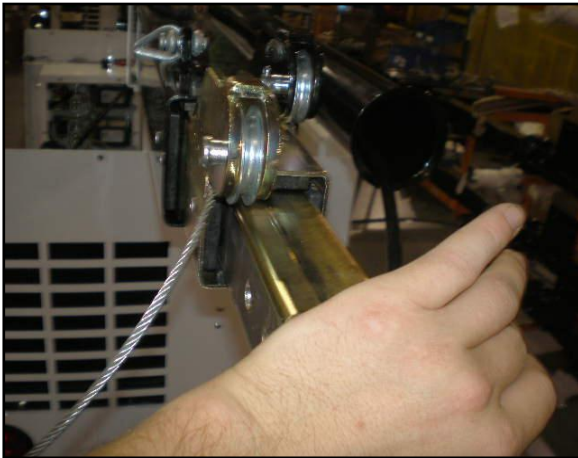
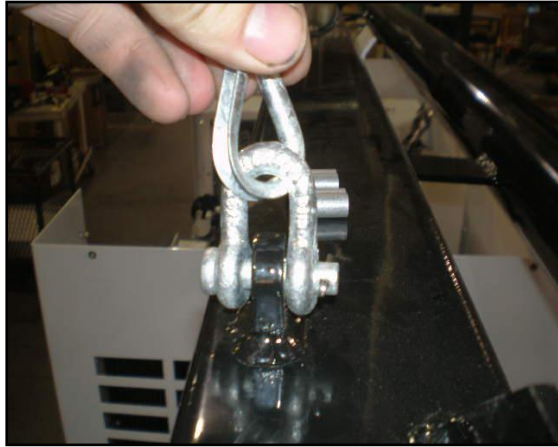




## Technical Information

Install shackle and thimble onto mast housing. Install both lower and upper mast pulleys. Push in both upper and lower masts making sure both cables are pulled out tight. Tighten mast tube hold down bolt underneath mast housing.

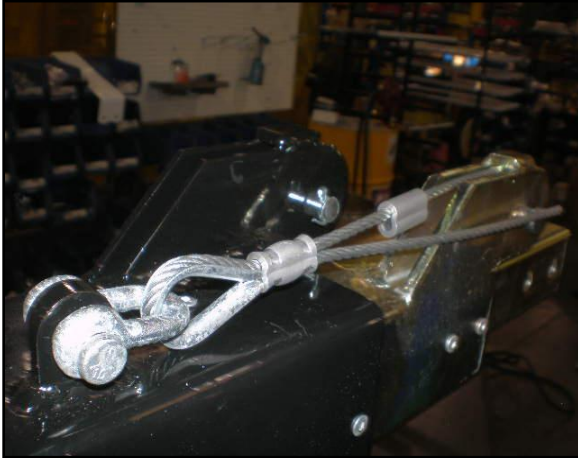
**NOTE:** If the masts are not pushed in all the way or the cables are loose, the mast will not raise to rated lever.



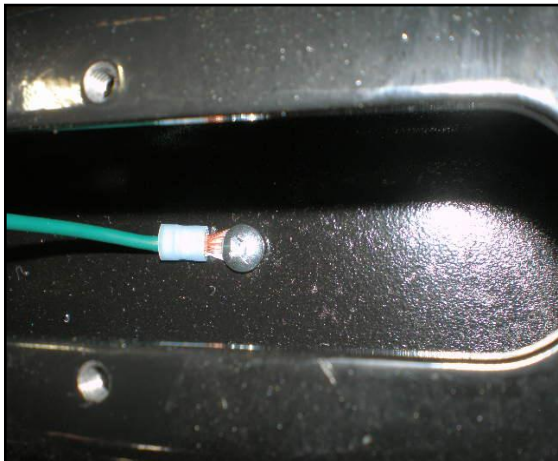
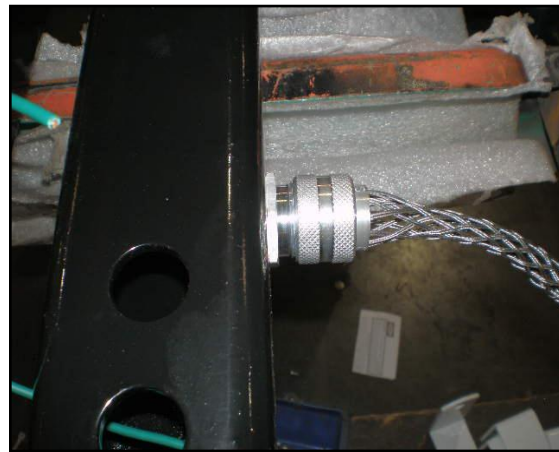
Run upper mast cable through pulley and shackle, secure cable with two swage clamps

## Swage clamps - MQ PART# 19973

Run lower mast cable through pulley and secure to winch mounted on mast housing.



Tap all six T-bar cover plate holes using a 10/32 tap. Install cord grip. Install twelve inch long (14 gauge) ground strap. Install four female wire receptacles as shown below.



Mount T-bar onto upper mast. All green wires from T-bar need to be connected to green wire from coil cord using crimp connector, all white wires from T-bar need to be connected to brown wire from coil cord. The last four black wires from the T-bar connect to the last four wires from the coil cord individually. Using moisture resistant spray, spray all wiring inside T-bar install and cover.

