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# Cable Replacement Instructions for R-Series Roust-A-Bout 100/150/250

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# SUMNER

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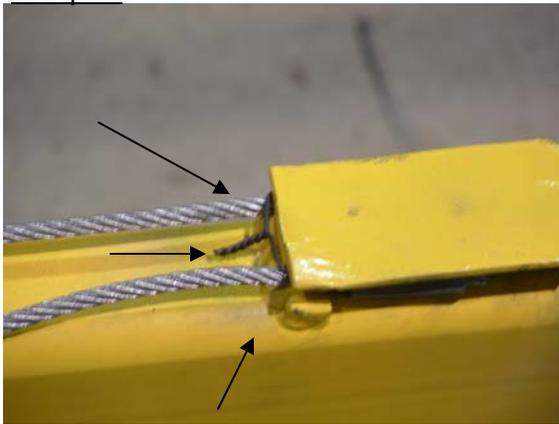
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### Step 1



1. Lay down all mast sections on a solid level work surface. Make sure all components required to assemble the Roust-A-Bout are at hand.

### Step 2



2. Take both ends of the equalizing line and place them underneath the top mast keeper plate as shown. Then secure both ends with a piece of wire. Place the looped end of the cable over the t-head for ease of assembly.

### Step 3



3. Take the mast elevation line button and place it underneath the center mast keeper plate as shown. Then secure the line with a piece of wire as shown.

\*Note: Button must be oriented as shown

#### Step 4



4. Take the end of the mast elevation line and insert the line around the pulley.

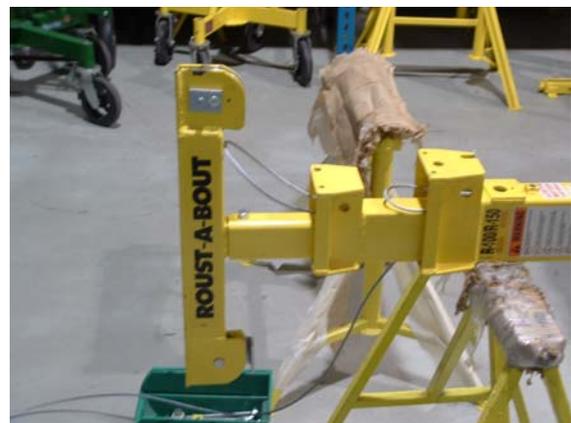
\*Note: Always keep cables parallel

#### Step 5



5. Insert center mast into the bottom mast leaving 8 to 12 inches of the center mast extended. Make sure the "loop" of the elevation line is visible.

#### Step 6



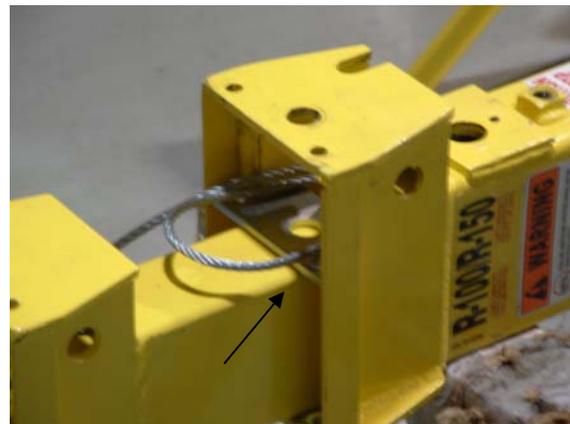
6. Insert top mast into center mast leaving 8 to 12 inches of the top mast extended. Take care not to push in the center mast.

### Step 7

7. Raise the center mast and insert (780027) bottom mast wear plate underneath center mast.



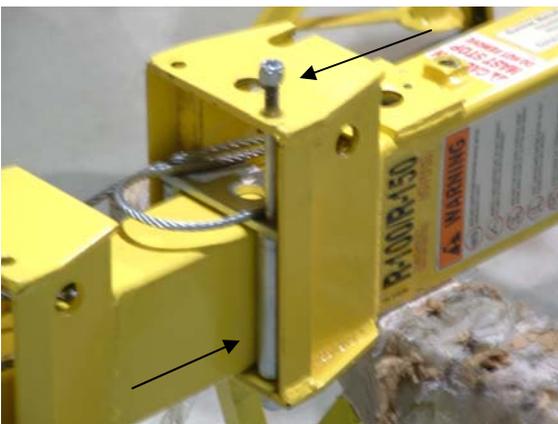
### Step 8



8. Insert (780090) bottom mast shaft plate underneath the cable as shown.

\*Note: Holes on shaft plate and bottom mast must be align.

### Step 9



9. Insert (780022) bottom mast roller shafts and (780021) bottom mast rollers from the bottom. Secure the shaft with (772355) nut.

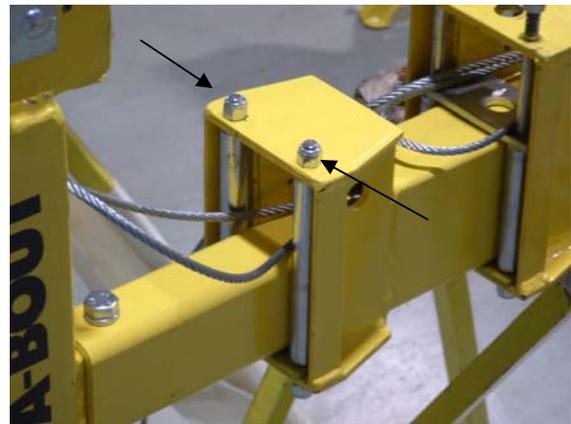
\*Note: Hand tighten nut.

### Step 10

10. Raise the top mast and insert (780035) center mast wear plate under the top mast.



### Step 11



11. Assemble (780334) center mast roller shaft, (780349) center mast roller and nut as shown. Secure the shaft with (772355) nut.  
\*Note: Rollers are placed so cable is between them.

### Step12



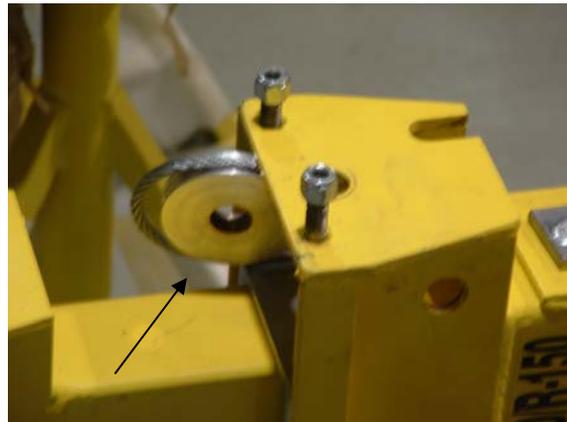
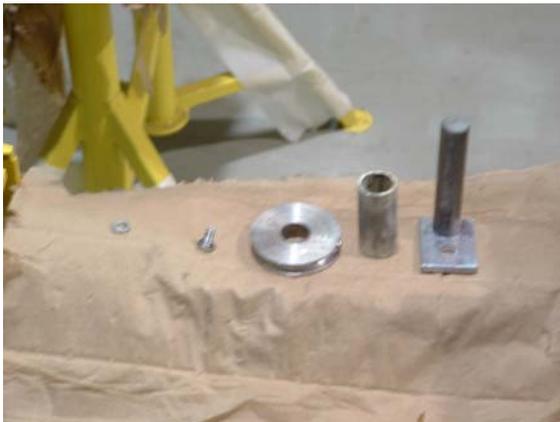
12. Locate (780299) the 2-1/2" elevating pulley, (780452) pulley shaft weldment, (771020) bolt and 773550 lock washer.

### Step 13



13. Place the elevating pulley into the looped end of the mast elevation line. Slowly pull the loose end of elevation line until the center hole in the pulley aligns with the hole in the bottom mast. Place the weldment through the bottom mast and through the pulley. Secure with screw and lock washer.

### Step 14



14. Retrieve (780299) 2-1/2 inch equalizing pulley, (780292) separator, (780198) bottom mast shaft, (773550) lock washer and (771020) bolt. Loop elevating line around pulley (bottom to top). Extend elevating line towards the bottom of the Roust-A-Bout. Align the center of the pulley and the hole in the side of the bottom mast. Insert shaft and separator and secure with bolt and lock washer.

### Step 15

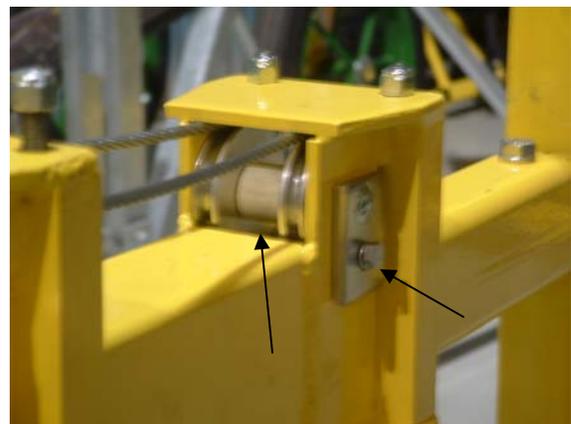
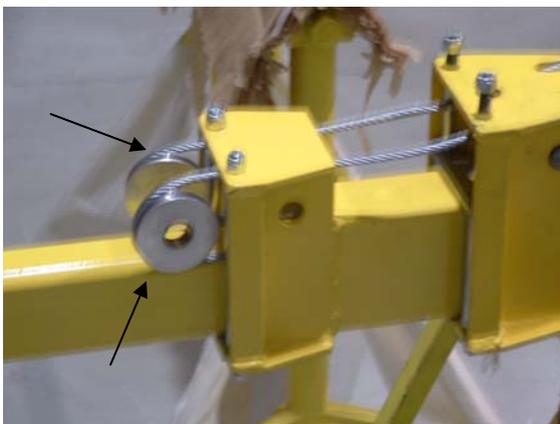


15. Take the equalizing line and loop as shown. Extend top mast out if necessary.

### Step 16



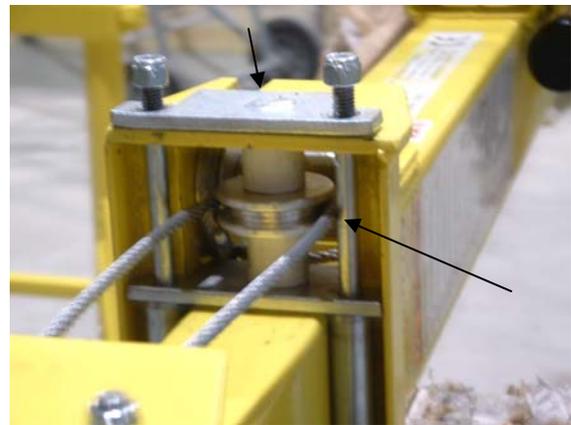
16. Retrieve (780299) 2-1/2 inch equalizing pulleys, (780343) separator, (780036) center mast shaft stay, (771020) bolt and (773550) lock washer . Place one pulley into each loop created in step 15. Align pulleys with holes in center mast. Insert shaft through pulleys making sure to place separator between pulleys. Secure with bolt and lock washer.



### Step 17



17. Retrieve (780295) shaft stay weldment, (780023) separator, 780293 separator, (780297) 2 inch pulley, (771125) bolt and (773590) lock washer. Place pulley into loop at end of equalizing line. Insert one separator on top and bottom of pulley as shown. Align with move in bottom mast. Insert shaft and secure with bolt and lock washer.



\*Note: You must remove nuts on roller shafts to insert shaft stay weldment. Take care not to allow roller shafts to drop out.

### Step 18



18. Take (771125) stop bolt, (773590) lock washer and assemble in the bottom mast.

\*Note: Make sure stop bolt is tight before operating the unit.

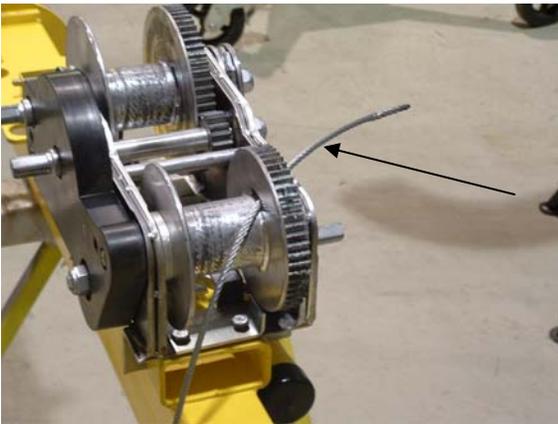
## Step 19



19. Tighten all bolts and nuts in the unit.

\*Note: Test the unit by pulling the mast elevation cable. The mast sections should extend smoothly. Push in the mast sections. Pull lightly on the elevating line while pushing in the mast sections to keep the slack out of the line. All masts should slide in and out smooth.

## Step 20

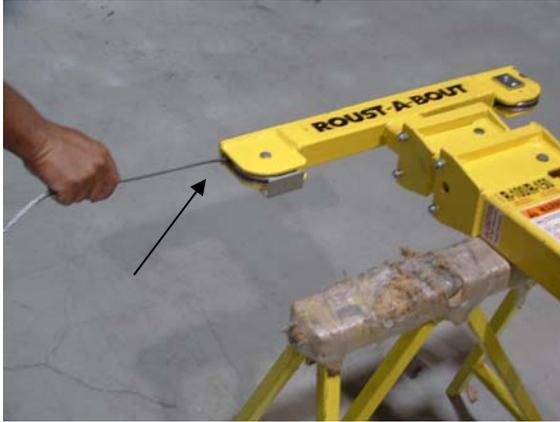


20. Insert mast elevation line into hoist drum. Secure the line with the set screw and wind the cable.

\*Note: The cable should wind over the top of drum as shown.



Step 21



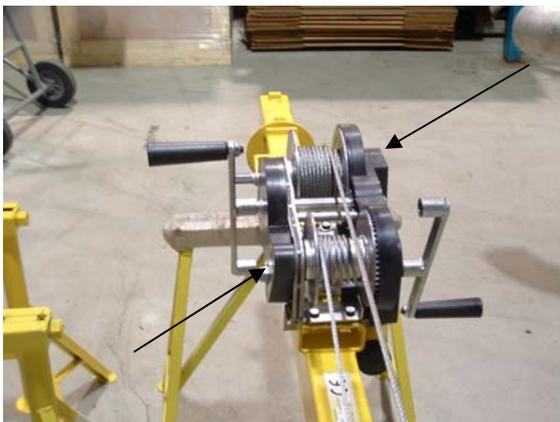
21. Feed the load line through the tee head assembly. From front to back.

Step 22



22. Repeat the same instructions as shown in step 1. Again, make sure the cable is wound over the top of the drum.

Step 21



23. Assemble winch covers.

\* Inspect and test unit after completion.