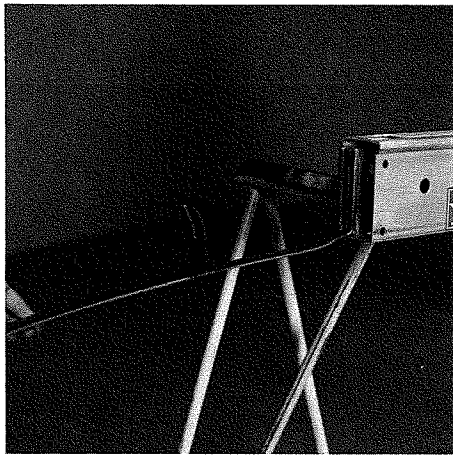


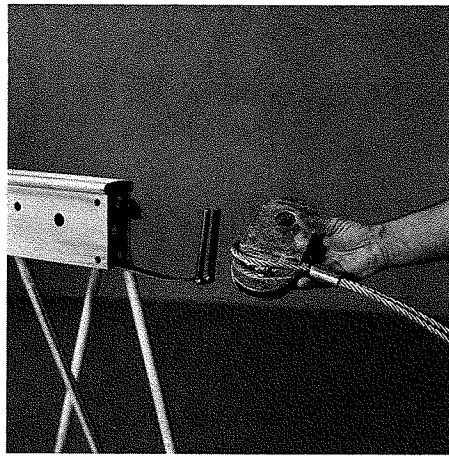


V30108 and V40108 Winch Tube Cable Threading Procedure

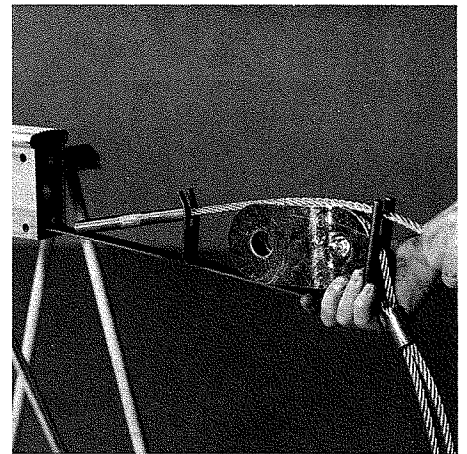
Assembly Instructions



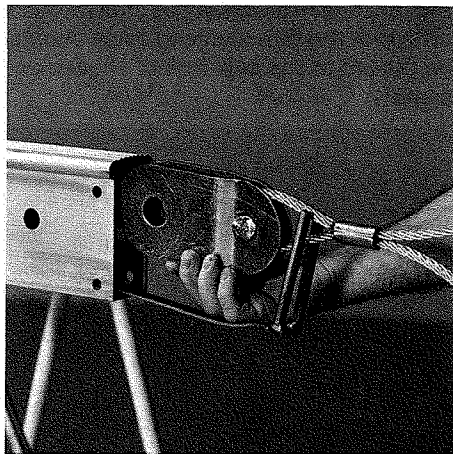
1. Insert cable threading tool into winch end of tube as shown.



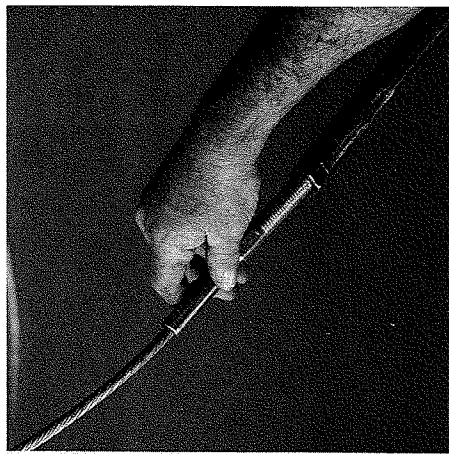
2. With cable threading tool exposed on the opposite end, load as shown with



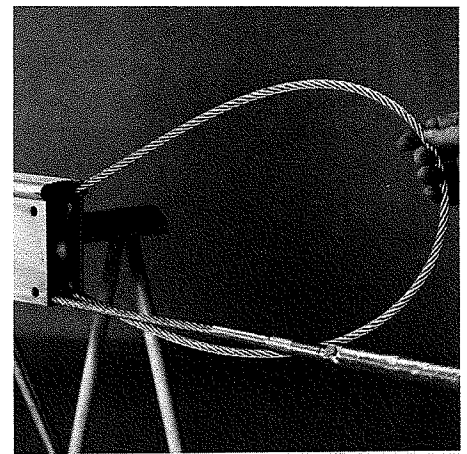
end of **longest** cable loaded in tool and



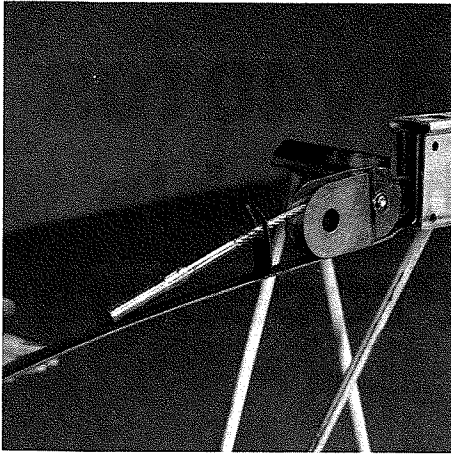
short end hanging loose on the left.



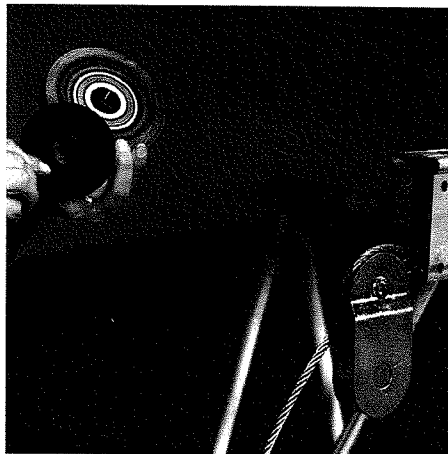
3. Thread short cable on cable threading **handle** prior to inserting snatch block into winch tube.



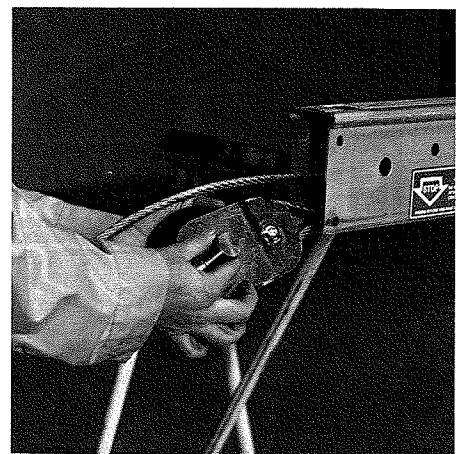
4. While pulling cable threading tool through the winch tube make certain the looped cable stays on the **right** and the short cable with the cable threading handle remains on the **left**.



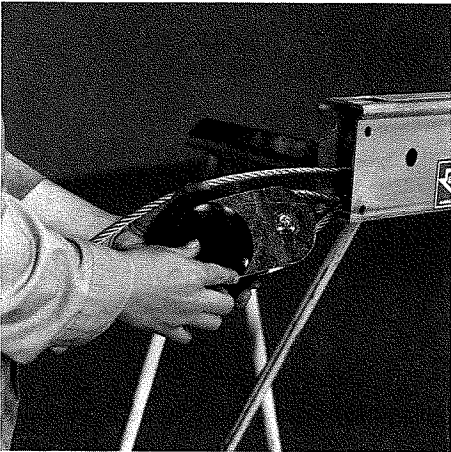
5. Pull cable threading tool through to expose the snatch block and longest lift cable end.



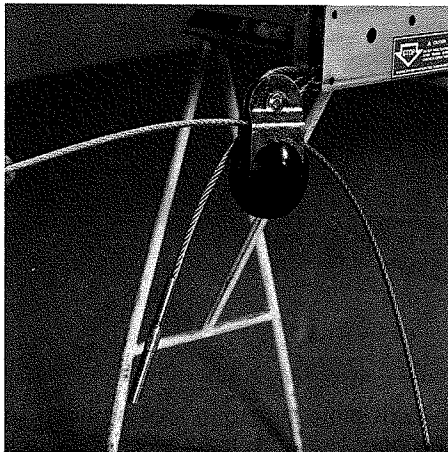
6. Place spacers with raised edge to the inside of bearing. (Note: Smooth side of spacer is to face outside of sheave assembly.)



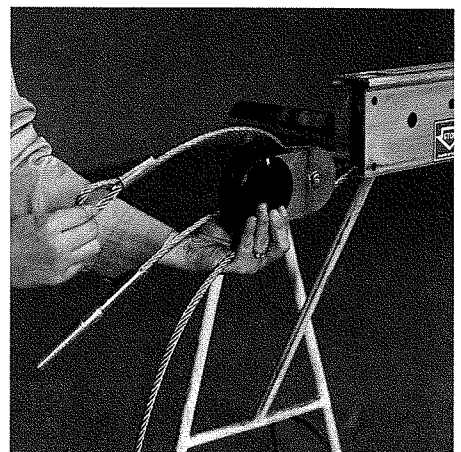
7. Install snatch block pulley and snatch block pin.



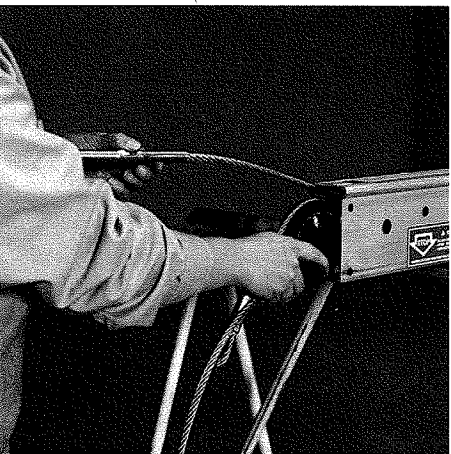
8. Place end caps onto sides of sheave assembly as shown.



9. Install winch cable from the **top** and through the pulley as shown. Be sure loop end of cable is on top.



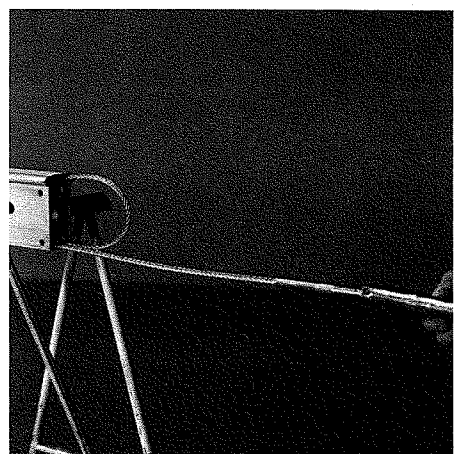
10A. Be sure that cable with loop is on **top** of sheave assembly as shown. Also note that the threaded end cable should be placed to the **top left** of sheave assembly.



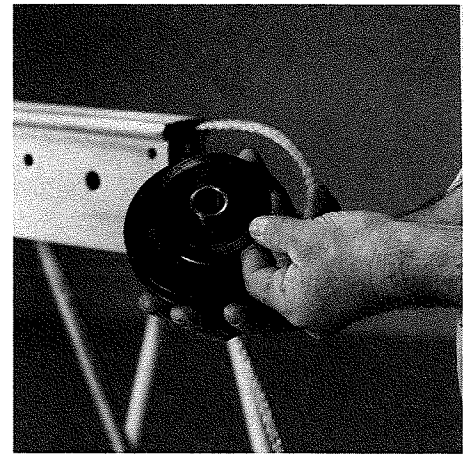
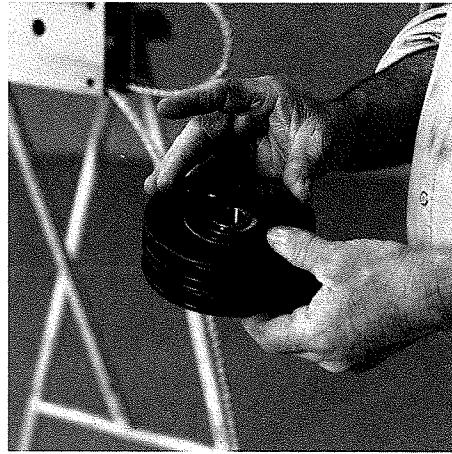
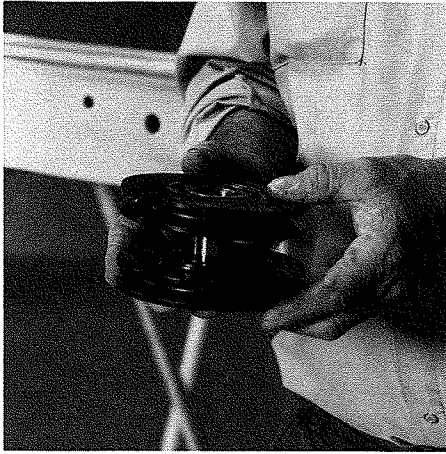
10B. Feed sheave assembly into winch tube as shown.



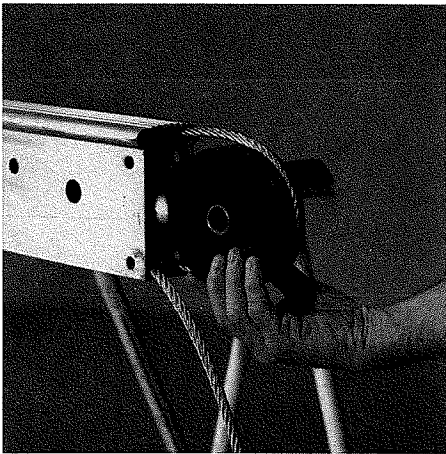
10C. Hold threaded end cable and cable with loop, as sheave assembly is being pulled through winch tube with the cable threading handle.



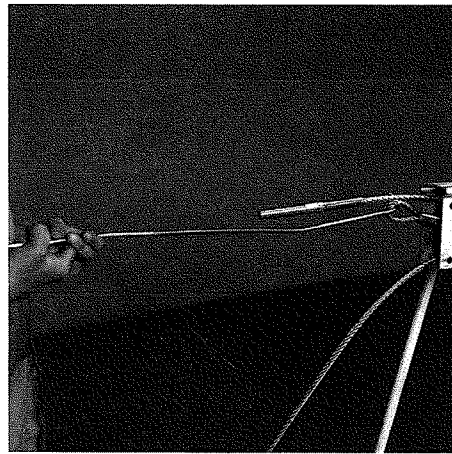
11. Pull on cable threading handle until a loop comes out of winch tube as shown. Note: You need to assist the loop out of winch tube using a wire hook. See picture 14 for wire hook.



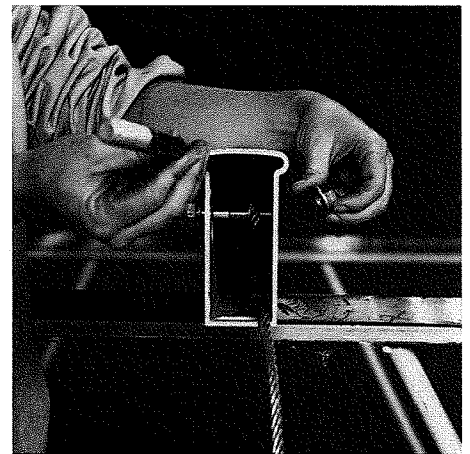
12A-C. Refer to illustration #1 on page 4 for proper assembly procedure for sheaves.



13. Install double sheave assembly in winch tube with lift cable (cable with threaded end) over the **top** of the **left pulley**. The exposed cable loop goes around the pulley on the **right**.



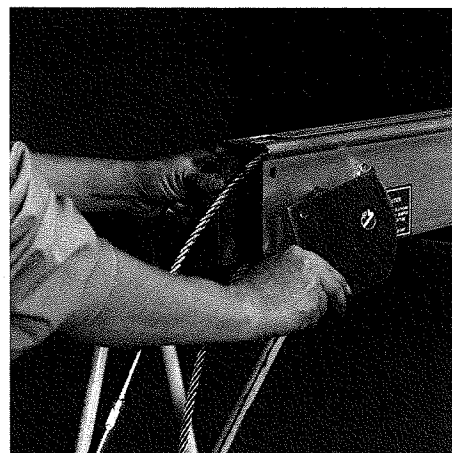
14A-B. Fasten the winch cable loop to the inside of the winch tube with the 1/2" x 2-1/2" hex bolt and 1/2" flat washer. Secure with 1/2" flange lock nut. Note:



Use a wire hook to assist. Make very certain the **lift cable is above the bolt** as shown.



15. Install the double sheave assembly in the winch end of the winch tube with the lift cable (cable with threaded end) **over the top** of the left pulley and the winch cable **under** the pulley on the right.



16. Replace spacer plates as shown. Tighten all fasteners. Assembly is complete.

