

HOW TO REPLACE THE CABLE ON THE RH-2000

Base Section DISASSEMBLY

Step 1



Loosen the nut holding the cable.

Step 2



Loosen the the Allen Screw on the cap.

Step 3

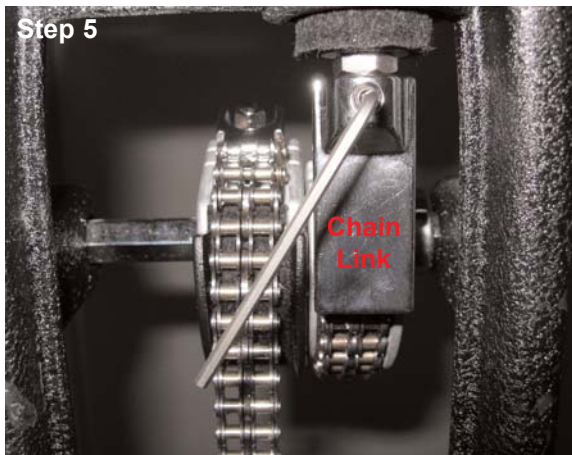


Twist the cap back and forth and remove. If you're replacing a broken cable, chances are the cable is broken at this end. If so, the cap will come off completely.

Step 4



Unthread the cap.



Loosen the Allen screw on the chain link.



Hold the chain link stationary and loosen the hex nut as shown.



Inside the tube is a piston and spring. While holding the chain link stationary, use a 14mm socket or nut driver and turn the piston counterclockwise to unthread it from the chain link.



The chain link will come off.

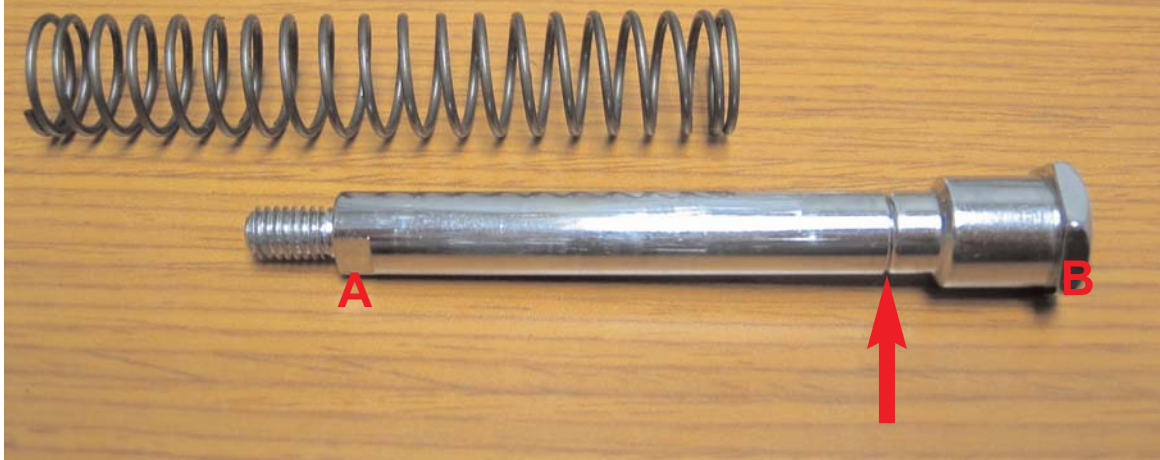


Remove the nut, washer, and felt from the piston.



Remove the piston and spring.

Step 11



The piston comes apart at the arrow.

Step 12



Use a Crescent wrench or 7mm wrench to grip the piston at "A".
Use a 14mm socket or nut driver to remove the nut at "B" (turn counterclockwise).

Step 13



Completely unthread the nut.

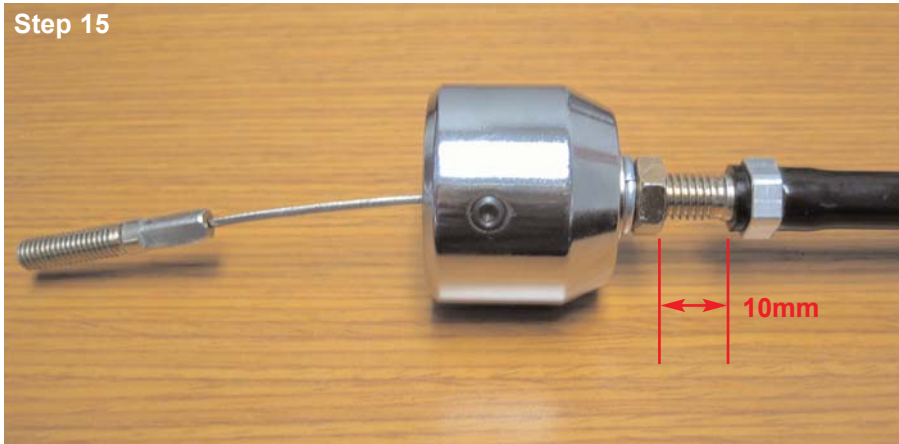
Step 14



Unthread the cable end from the nut. **DISASSEMBLY IS COMPLETE.**

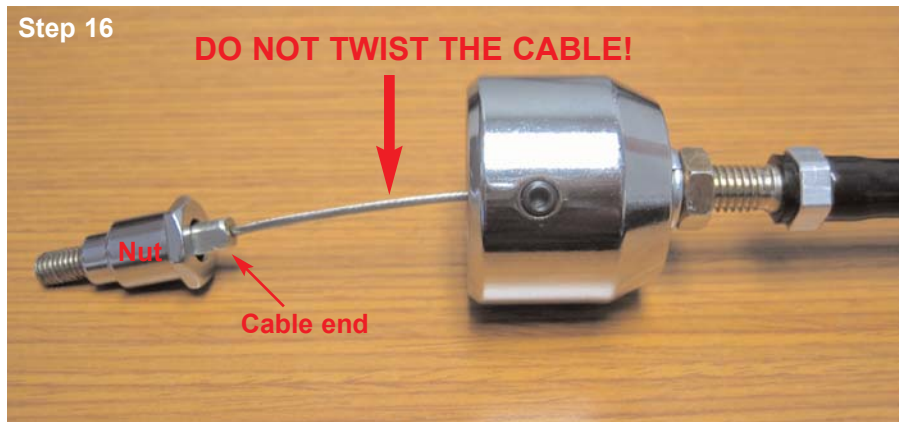
Base Section REASSEMBLY

Step 15



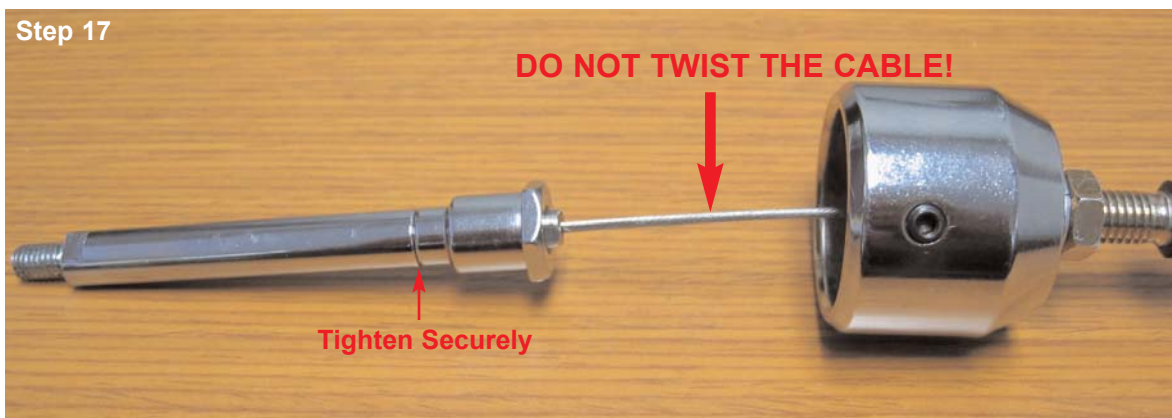
Pass the new cable (CAU-2000) through the cap and screw the cap onto the cable with about 10mm of the threads exposed. Tighten the nut securely.

Step 16



Thread the nut onto the cable end until it stops.
DO NOT TWIST THE CABLE!

Step 17



Reattach the rest of the piston and tighten the nut securely.
DO NOT TWIST THE CABLE!



Carefully place the piston and spring into the tube.



Carefully guide the threaded end of the piston through the hole in the casting. Push the piston down and attach the felt, washer, and nut (in that order) to the threaded end of the piston.

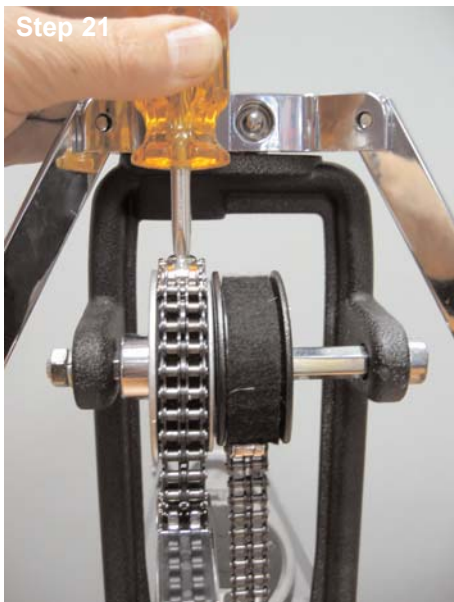


Carefully push the cap straight down onto the tube until it stops.

Remove the Allen screw and look through the screw hole.

Turn the cap until the imprint of the Allen screw on the tube is visible--this is the original position of the cap.

Replace the Allen screw and tighten snugly but do not overtighten.



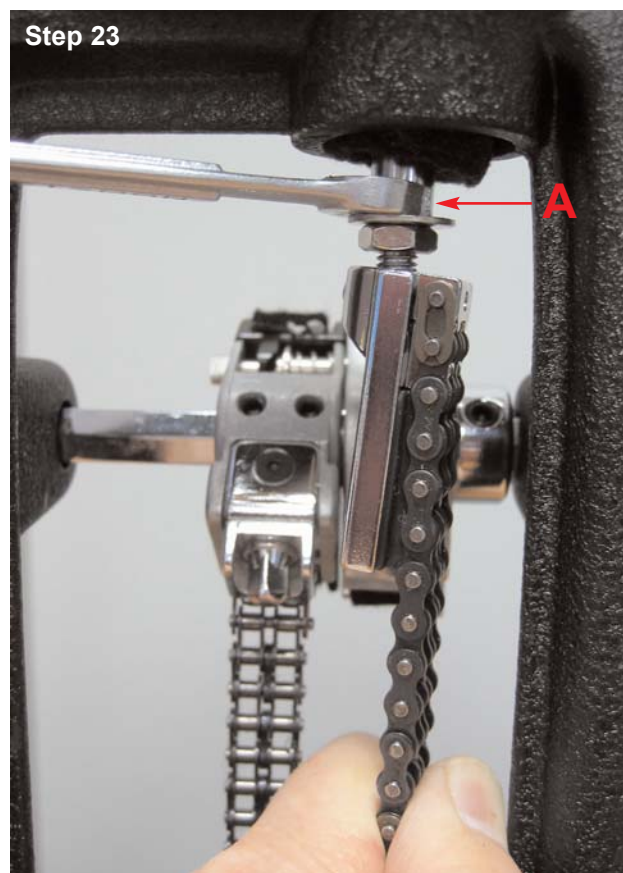
Use a Phillips head screwdriver to remove the chain and chain link from the fixed cam (not the cam that accepts the interchangeable cams).



The chain link is threaded.



Carefully thread the chain link onto the threaded end of the piston.
Turn it only three or four turns to get the threads started.

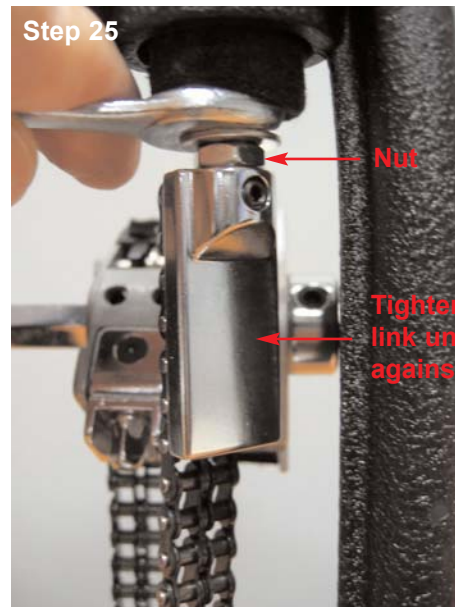


Carefully pull down on the chain and grasp the piston with a 7mm wrench at "A".



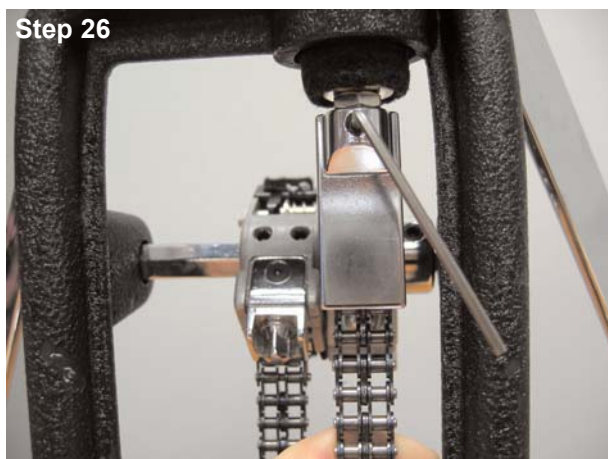
Step 24

Hold the top wrench stationary and tighten the nut securely with a 10mm wrench.



Step 25

Hold the top wrench stationary and tighten the chain link until it stops against the nut.



Step 26

Tighten the Allen screw on the chain link.



Step 27

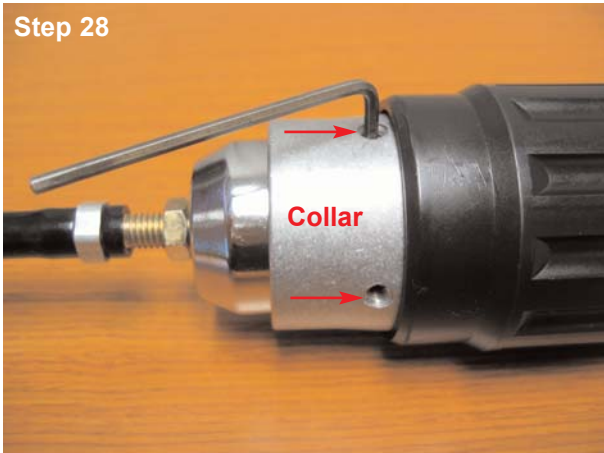
Reattach the chain link and chain to the fixed cam using the Phillips head screw and lock washer. Note the direction of the chain link.



THE BASE ASSEMBLY IS COMPLETE!

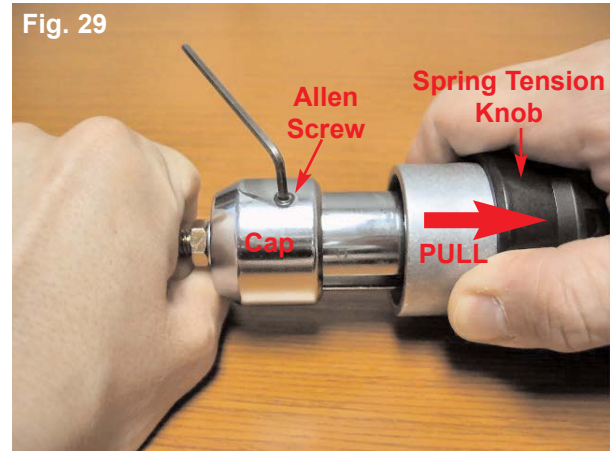
Cymbal Section DISASSEMBLY

Step 28



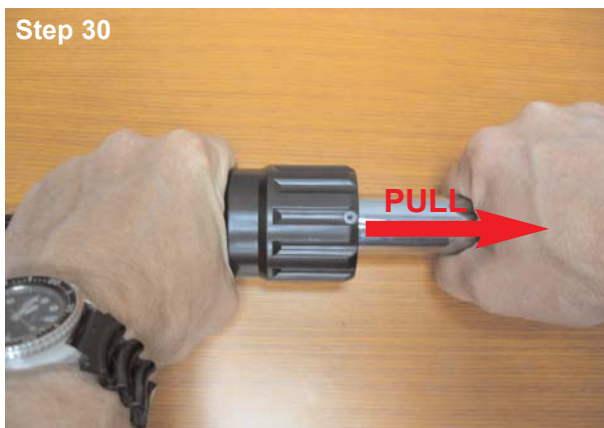
Loosen the two Allen screws (indicated by the arrows) on the collar.

Fig. 29



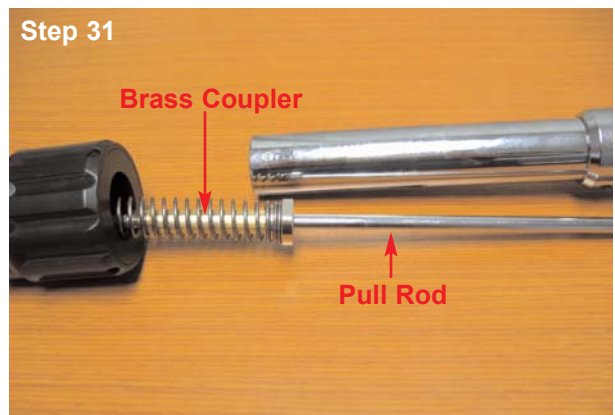
Hold the cable and pull the collar and spring tension knob to expose the Allen screw in the cap. Loosen the Allen screw. Slowly release the collar and spring tension knob. Be careful not to pinch your fingers.

Step 30



Hold the collar and pull the tube completely out.

Step 31



Removing the tube reveals the pull rod, spring, and brass coupler.

Step 32

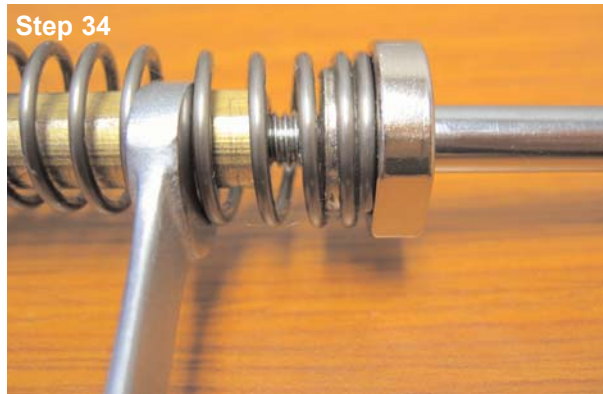


Grip the flat sides of the brass coupler with a 9mm wrench.

Step 33



While holding the brass coupler, use another wrench to loosen the pull rod at "C".



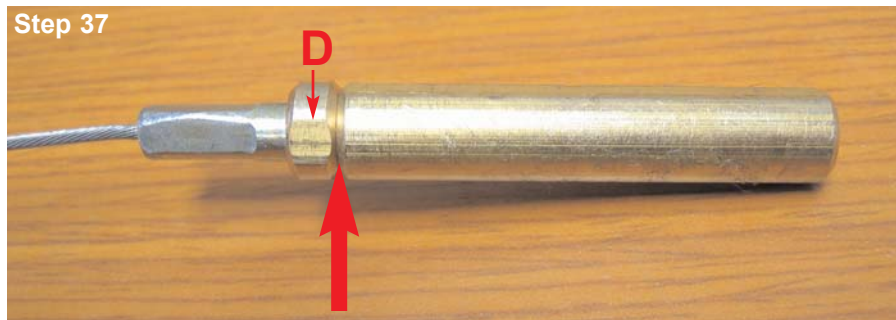
While holding the brass coupler, unthread the pull rod.
Caution: the spring is under tension and when the pull rod is removed, parts may fly...be careful!



With the pull rod removed, the cymbal section comes apart as shown.



Remove the spring, spring tension knob, and collar.



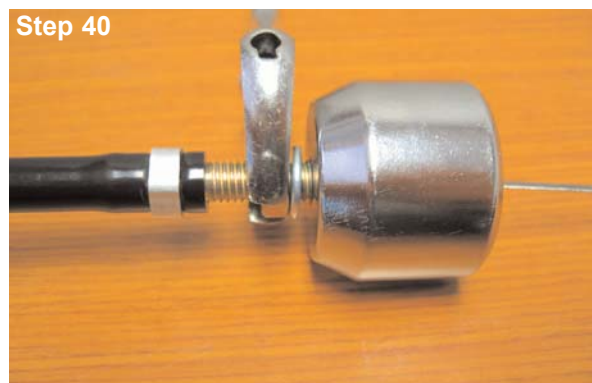
The brass coupler comes apart at the arrow.



Hold the flat side of nut "D" with a 9mm wrench and loosen the brass coupler.



Remove the brass coupler and nut.

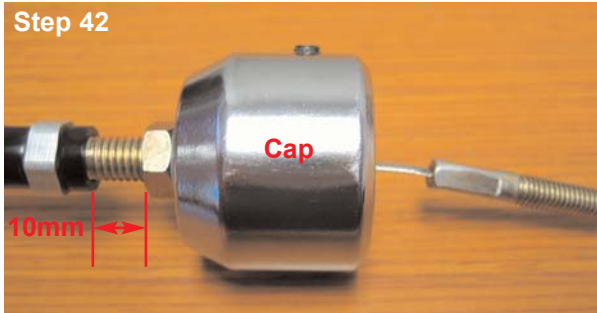


Loosen the nut on the cable and unthread the cap.

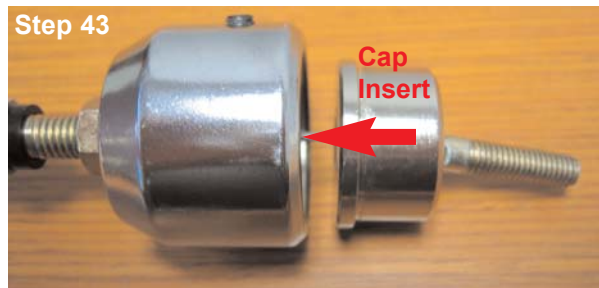


Remove the cap and cap insert.
DISASSEMBLY IS COMPLETE!

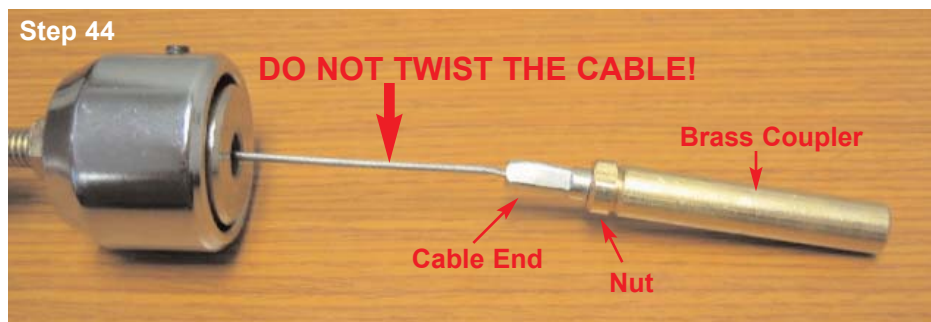
Cymbal Section REASSEMBLY



Attach the new cable (CAU-2000) to the cap. Tighten the nut securely leaving about 10mm of threads exposed on the cable.



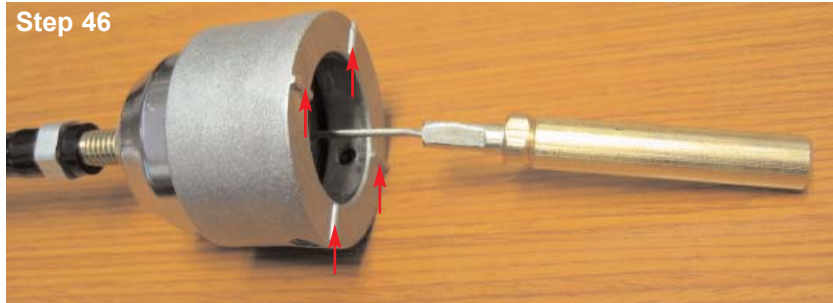
Push the cap insert, large side first, into the cap as shown.



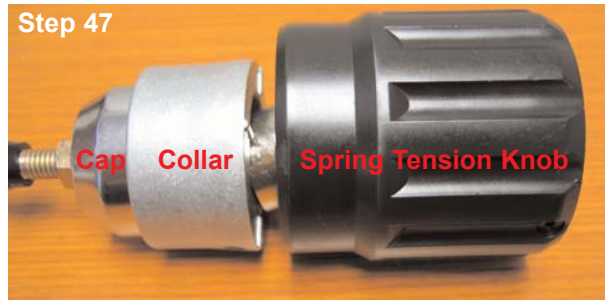
Attach the nut and brass coupler to the cable end as shown and finger-tighten for now. **DO NOT TWIST THE CABLE.**



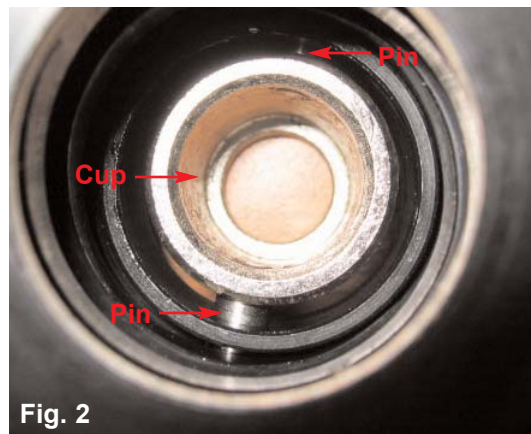
Hold the nut stationary and tighten the brass coupler securely. **DO NOT TWIST THE CABLE.**



Add the collar with the ridges (indicated by the arrows) facing toward the brass coupler.



Add the spring tension knob as shown.



Within the spring tension knob is a metal cup. One end of the spring goes into the cup.



Install the spring over the brass coupler and into the cup.



While holding the cap, collar, and spring tension knob, thread the pull rod into the brass coupler. Only turn the pull rod two or three turns for now. **DO NOT TWIST THE CABLE.**



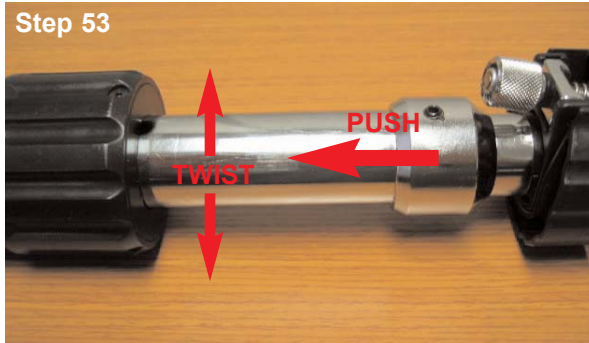
Use a 9mm wrench to hold the brass coupler stationary and tighten the pull rod securely. **DO NOT TWIST THE CABLE.**



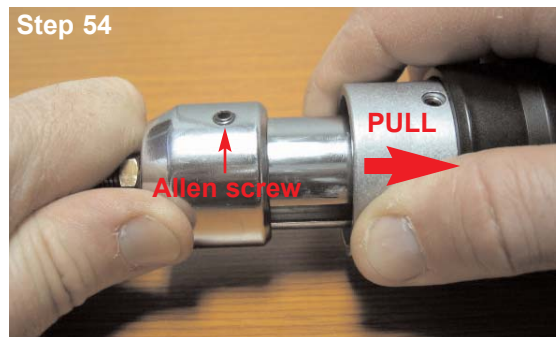
Apply grease on the spring and brass coupler.



Slide the top tube over the pull rod and insert the open end into the spring tension knob. The tube has a pair of slots that fit over pins (see Fig. 2) in the spring tension knob.



Gently push the top tube while twisting it. When the slots are properly aligned over the pins, the tube will pass completely through the spring tension knob and collar and come to a stop in the cap.



Hold the cable and pull the collar and spring tension knob in the direction shown to expose the Allen screw in the cap.



Remove the Allen screw in the cap and look into the screw hole. While holding the cap stationary, turn the tube until the indentation of the Allen screw on the tube is visible. Replace the Allen screw and tighten securely.



Remove the two Allen screws from the collar.

Step 57



Turn the collar until the indentations on the tube from the Allen screws are visible through the screw holes. Replace the Allen screws and tighten snugly but do not overtighten.



FINISHED!