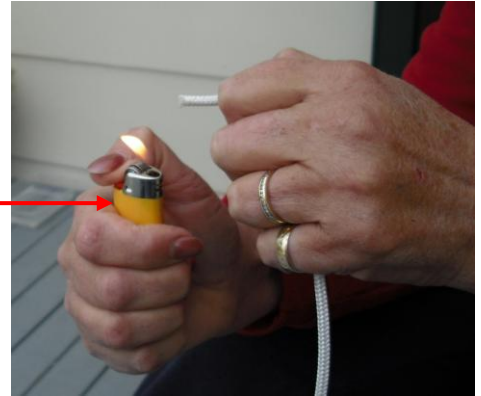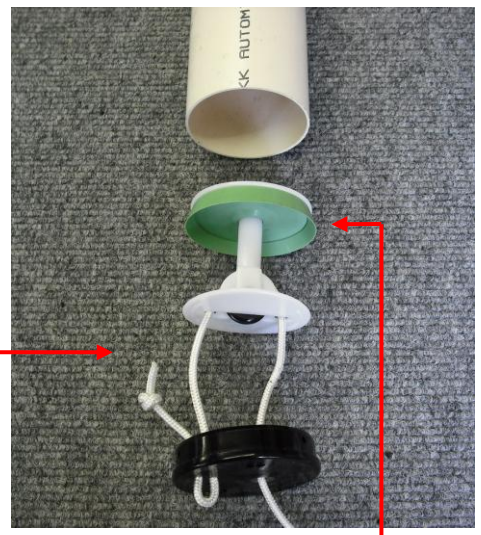# Changing the Cord on the Vacuum Cylinder

1. Cut the cord to the required length.

2. Use a naked flame to melt and seal the end of the cord to stop the cord from fraying.

3. Remove the cord end cap and pull the piston assembly out.
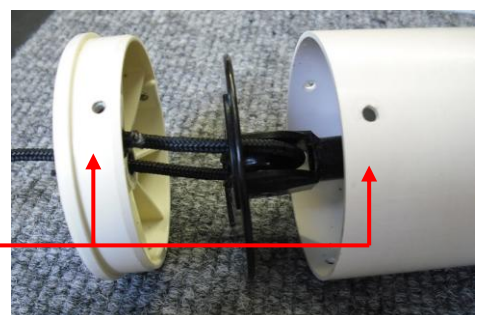
4. Cut the old cord off.

5. Insert the new cord through the centre of the end cap, through the piston pulley, back through one of the two holes then back through the other hole and tie a knot on the piston side of the end cap and pull tight.

6. Lubricate the piston seal with molykote silicon grease.

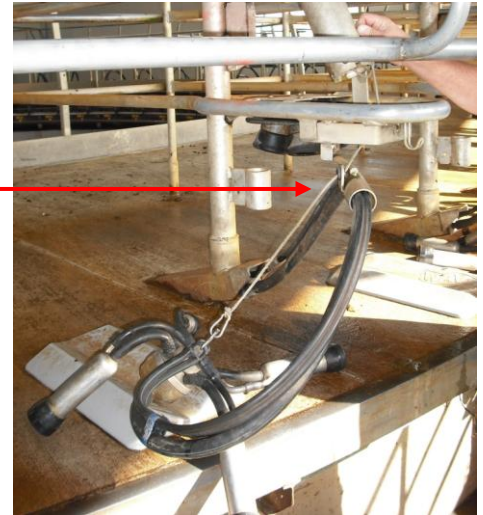7. Insert piston assembly back into cylinder ensuring the cord is not twisted between piston and end cap.

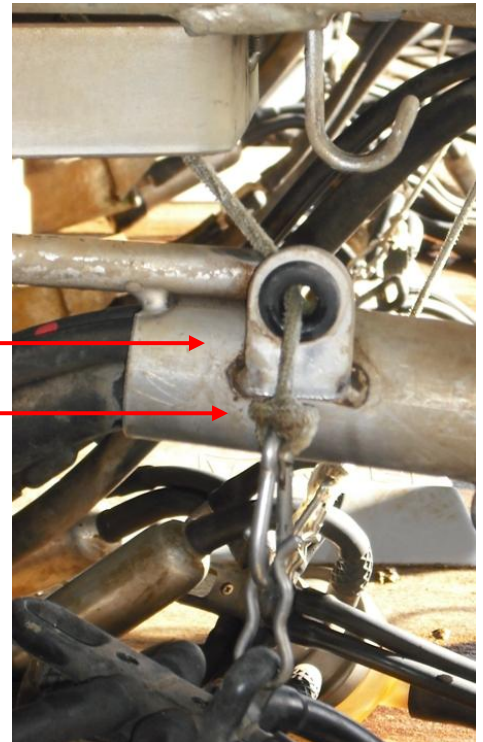8. Line the hole on cylinder with end cap hole and fit screw.

FOR ROTARY CYLINDERS

9. **Fit the ram back into the cylinder holder.**

10. **Thread the end of the cord from the ram, through the guide and through the swinging arm guide.**

11. **Ensure the ram is fully retracted and the swing arm is in the home position.**

12. **Then tie the end of cord to the clip.**

13. **To test: When vacuum pulls the cord up, the piston should be at the top of the ram and the swing arm in the home position with a little tension on and the cups pulled to one side of the bail.**