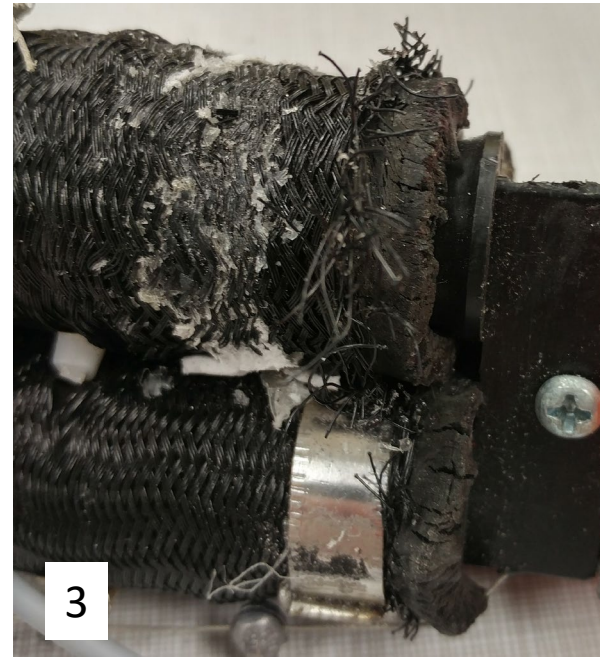
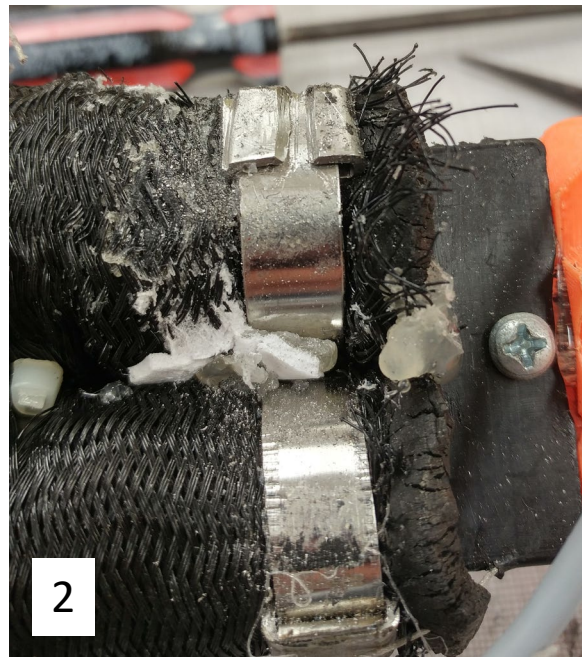
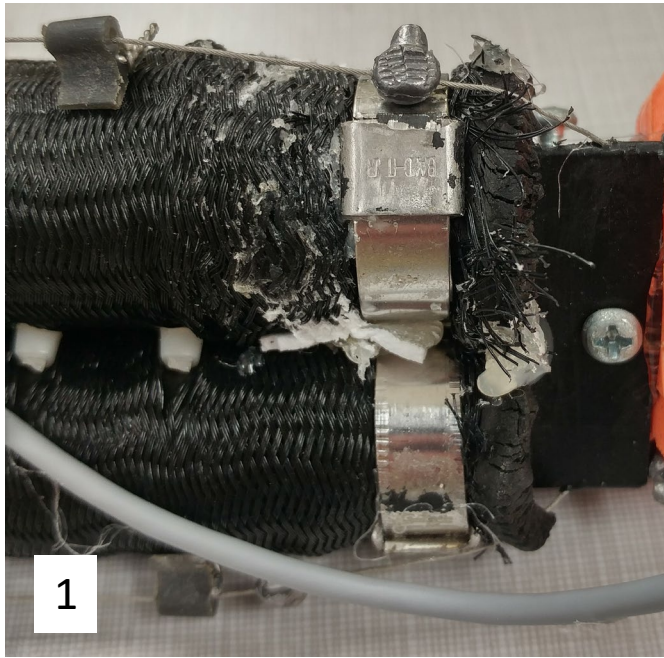


OctArm Repair

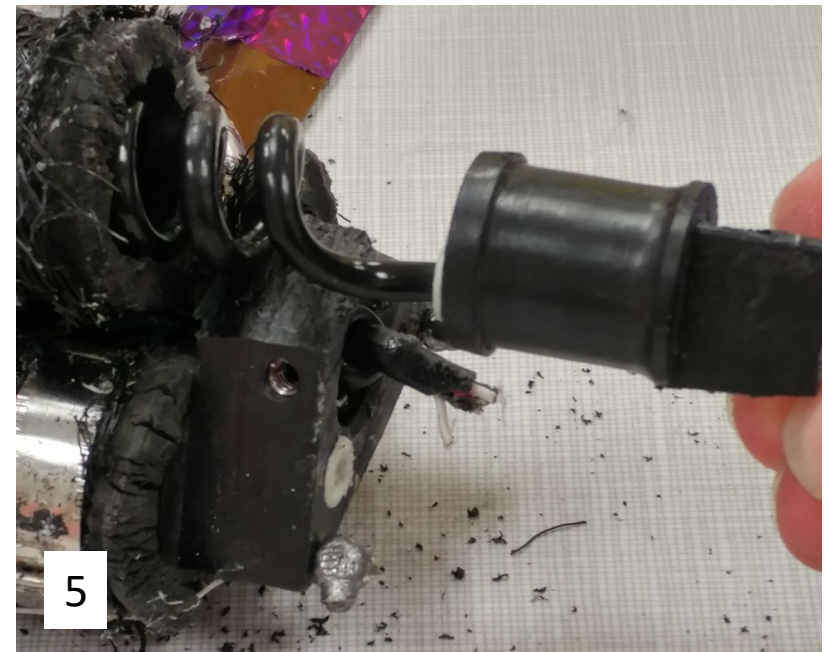


Repair:

1. Clear tendon
2. Cut hose clamp
3. Remove clamp

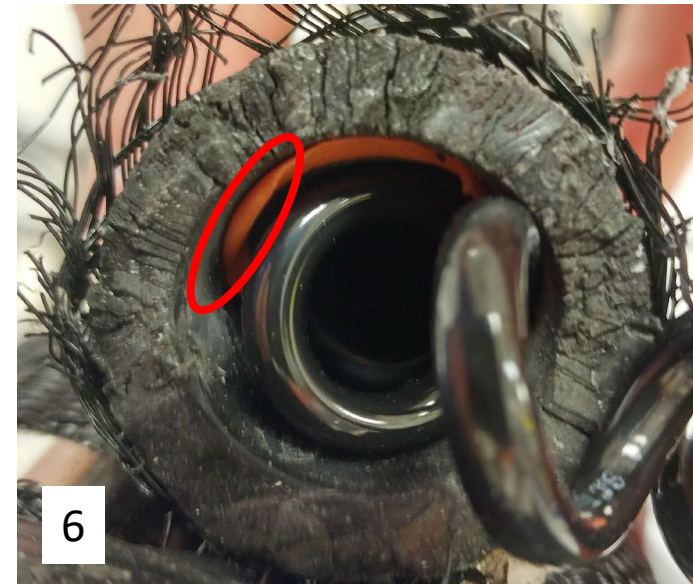
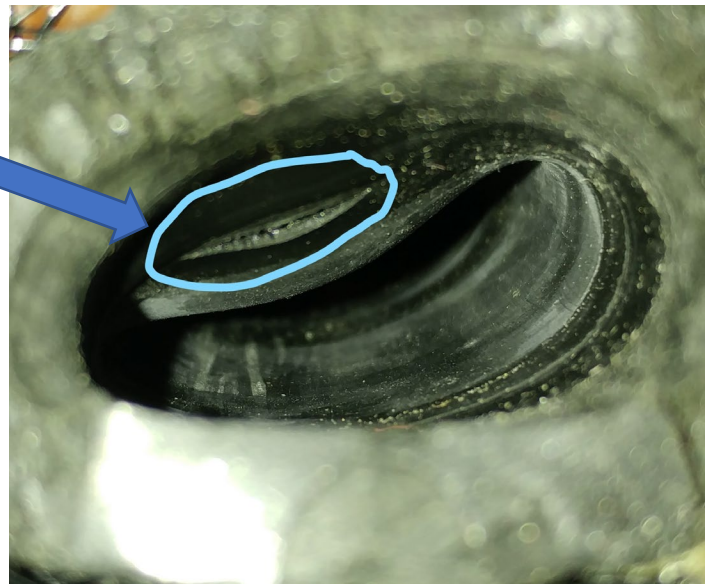
4. Cut out single muscle end cap

5. Free end cap



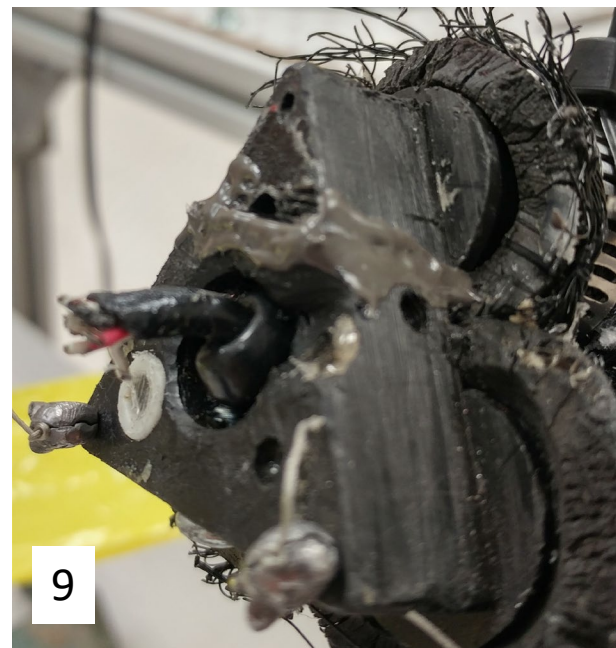
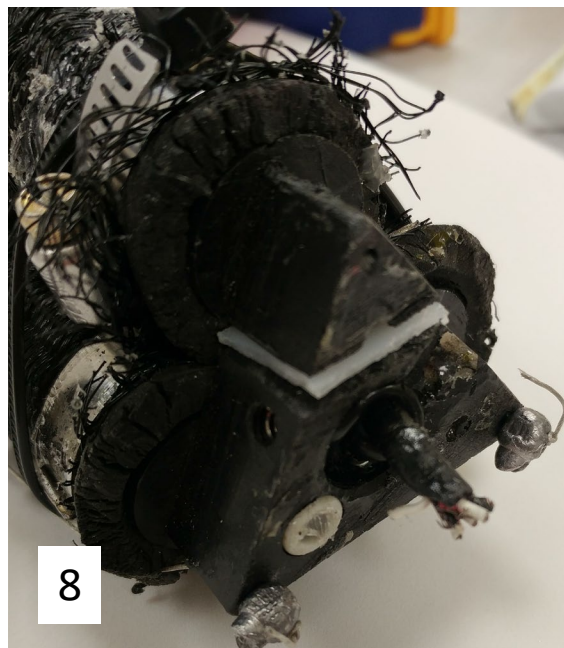
Found the leak!

- As expected, near barb edge of end cap



6. Patch installed
(edge coming up from repeated attempts at reinserting end cap...)
7. Reinsert plug and apply new clamp (not pictured)

8. Sheet plastic to fill gap
9. JB Weld to glue back together
10. Wait...





Voila!



- Holds up to previous max pressure
- No audible leak
- Pressure retention equal to other muscles



Future design lessons:

- Use different end caps
 - Avoid barbs if possible – sand down if not
 - Use crimp/clamp expansion connections

