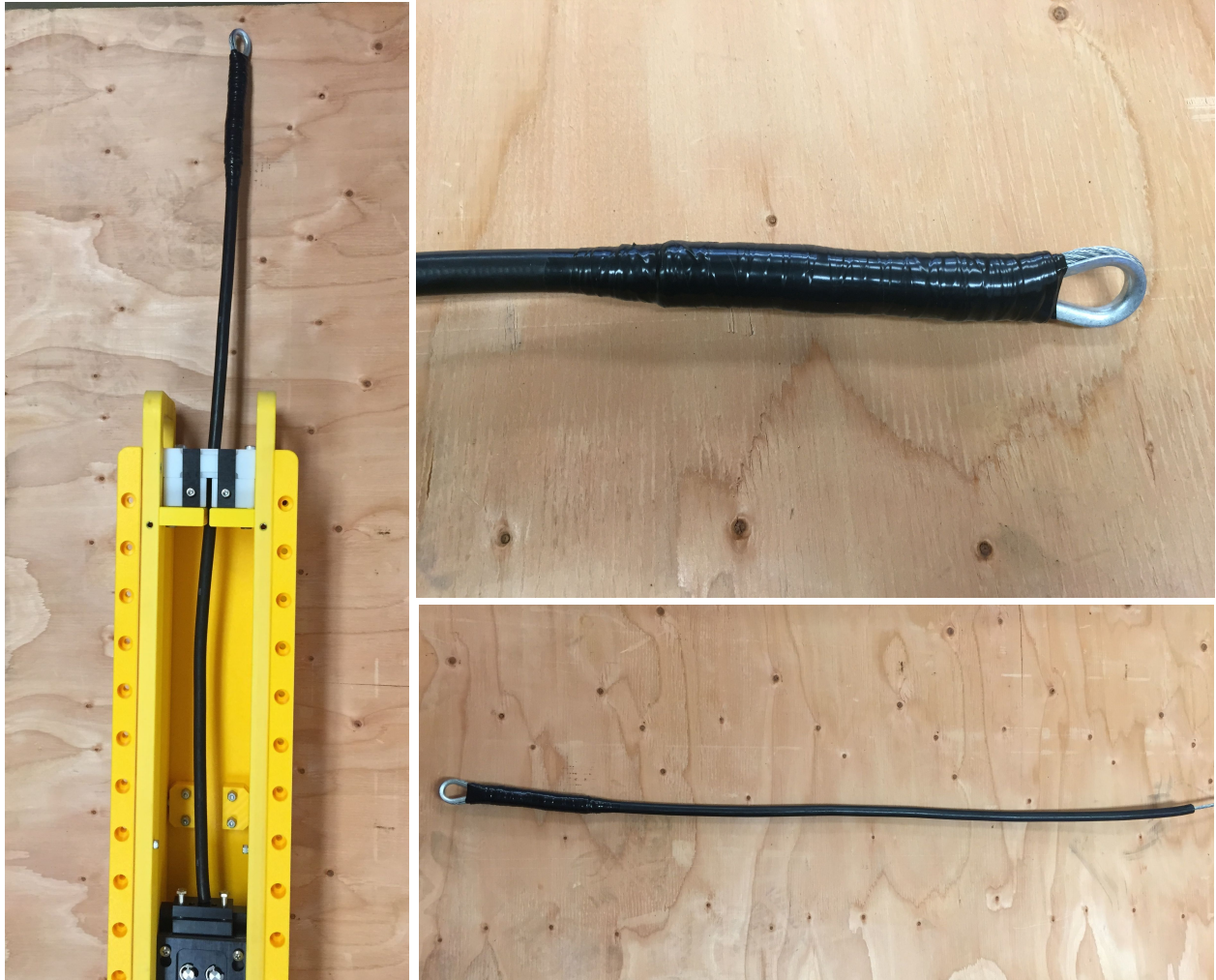


WIRE WALKER Wire Assembly.



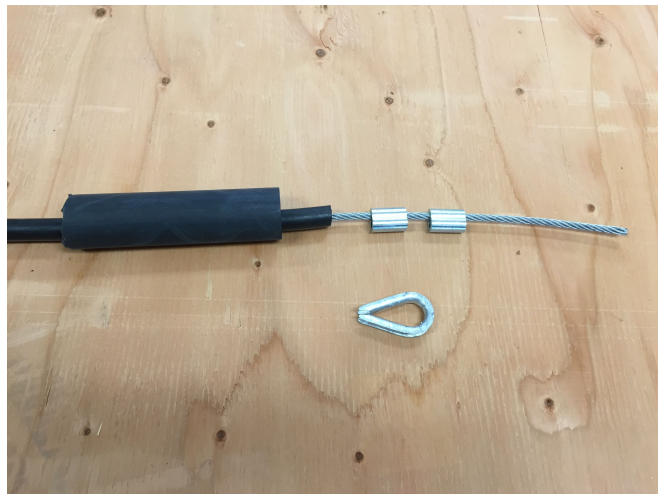
MATERIALS NEEDED:

(Qty's listed for 1 side of wire.)

1. 3' of Reinforced Hose. McMaster-Carr Part# 5291K29 <http://www.mcmaster.com/#5291k29/=xvq1xi>
2. Desired length of Wire Rope. 3/16" 7x7 Galvanized. McMaster Carr-Part# 3450T31 <http://www.mcmaster.com/#catalog/121/1435/=xvq2s0>
3. 2 Nico Press Sleeves for 3/16" Wire Rope. McMaster-Carr Part# 3898T16 <http://www.mcmaster.com/#catalog/121/1452/=xvq3s0>
4. 5" Heavy Duty Moisture Seal Shrink Tube. McMaster-Carr Part# 7270K83 <http://www.mcmaster.com/#7270k83/=xvq4jn>
5. 1 Wire Rope Thimble. McMaster-Carr Part# 3494T12 <http://www.mcmaster.com/#catalog/121/1451/=xvq671>
6. Scotch 33+ Electrical Tape. McMaster-Carr Part # 76455A21 <http://www.mcmaster.com/#3m-scotch-super-33-tape/=xvq6ll>

Assembly Instructions.

1. Cut wire rope to length.
2. Cut black hose to 36" ***
3. Cut shrink tube to 5"
4. Thread on hose, nico press sleeves and shrink tube.
5. Install thimble and crimp nico press sleeves.



6. Slide hose up to nico press sleeve and whip tape over hose and sleeves. Do not extend tape past 5" shrink tube length.

7. Slide heat shrink up to thimble and apply heat.

8. Let cool and cover assembly with a whipping of electrical tape.

9. Confirm hose length is long enough to engage cam. Finished.

*** If maximum profiling range is desired, black hose can be shorter but it is CRITICAL that it's long enough to engage cam and this is fully understood by the technician. 32" is minimum recommended length from end to START of tape/shrink tube taper. Anything thicker than the hose diameter will not pass through WW rollers and the cam will not operate.

Questions?

Contact Tyler Hughen
858-822-3437
thughen@ucsd.edu



