

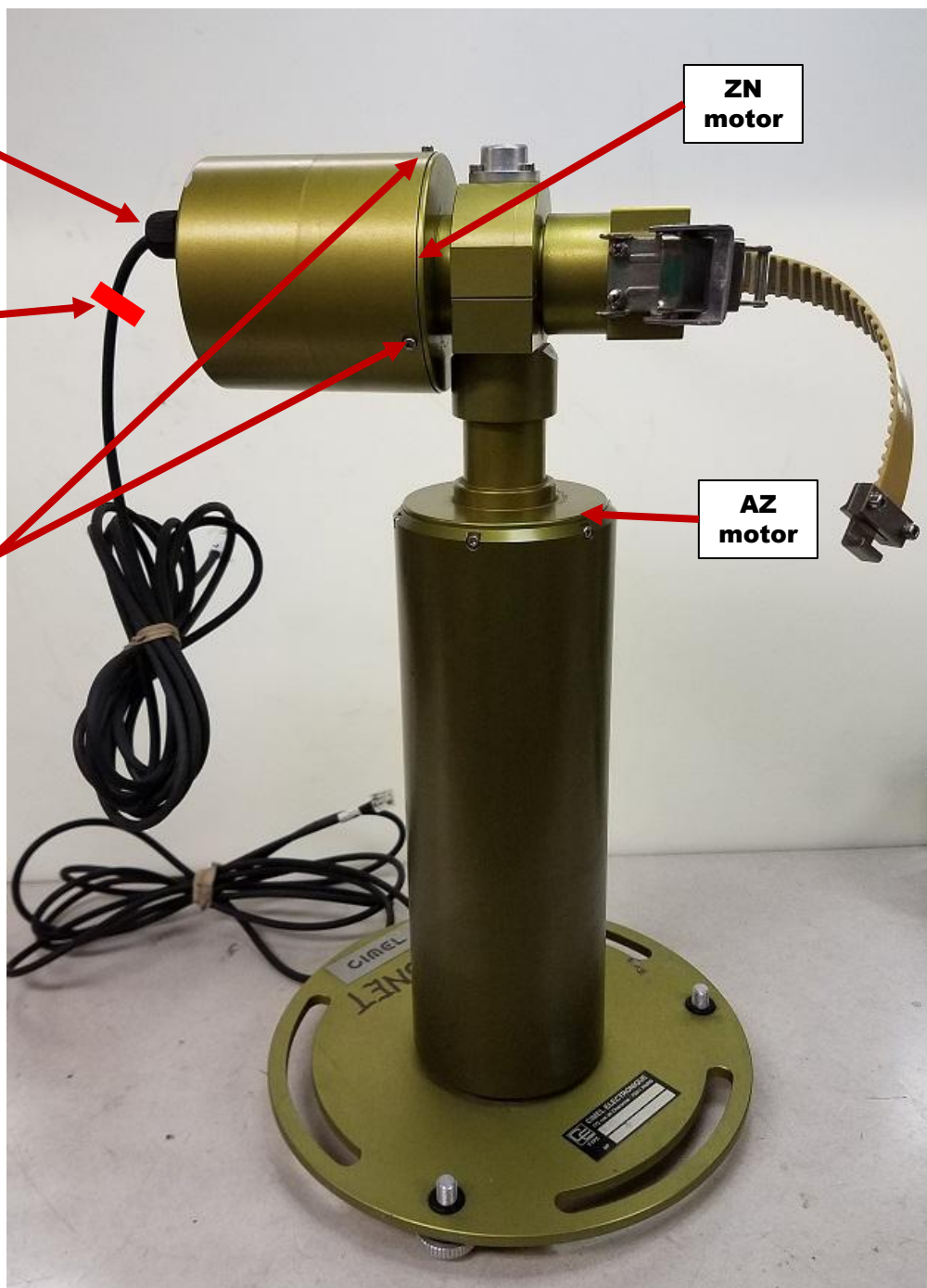
Most “staw” errors are due to damaged wires inside the robot cable before it enters the cable gland because of excess strain at this area. Most of the time the damage cannot be seen but by doing a continuity test will show the wires are either broken or have intermittent contact.

**Step 1**

Remove the cable gland cap on motor housing and push some of the robot cable into the housing for slack to prevent the connection inside from being damaged. This location is where the cable should be cut for the new termination

**Step 2**

Remove the 3 screws on the ZN housing with a 2mm hex wrench and gently remove housing from motor assembly



**STEP 3**

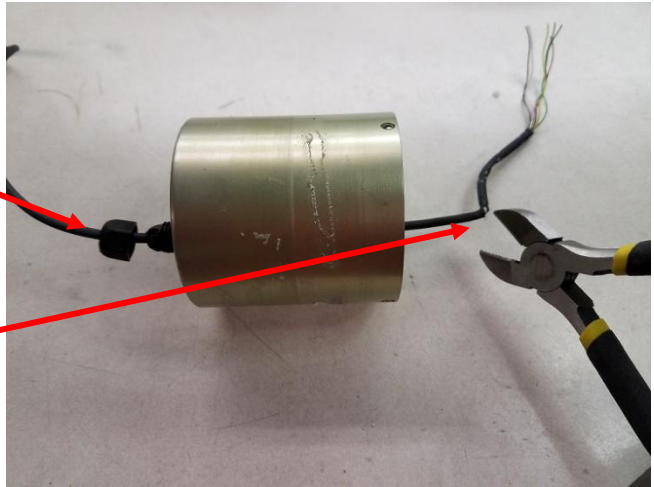
Note the wire location before removing them from connector

**STEP 4**

Remove the cap on motor housing

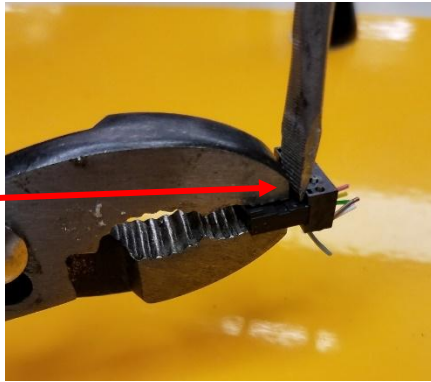
**STEP 5**

Pull the wire through and cut back approximately 150mm of the cable to remove the damaged section



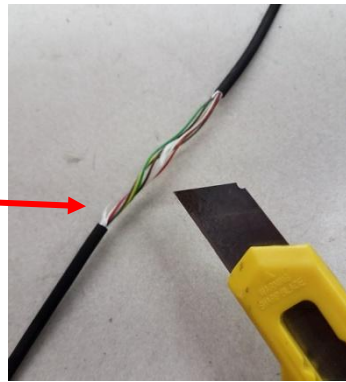
**STEP 6**

Gently pry the top up on the connector and separate the two pieces enough to remove the wires



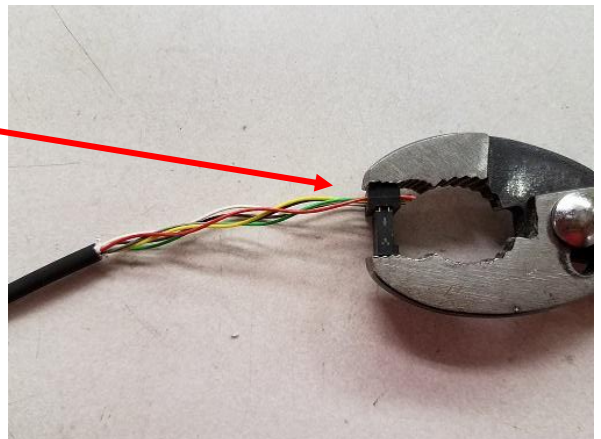
**STEP 7**

Carefully cut the cable sheathing to expose wires

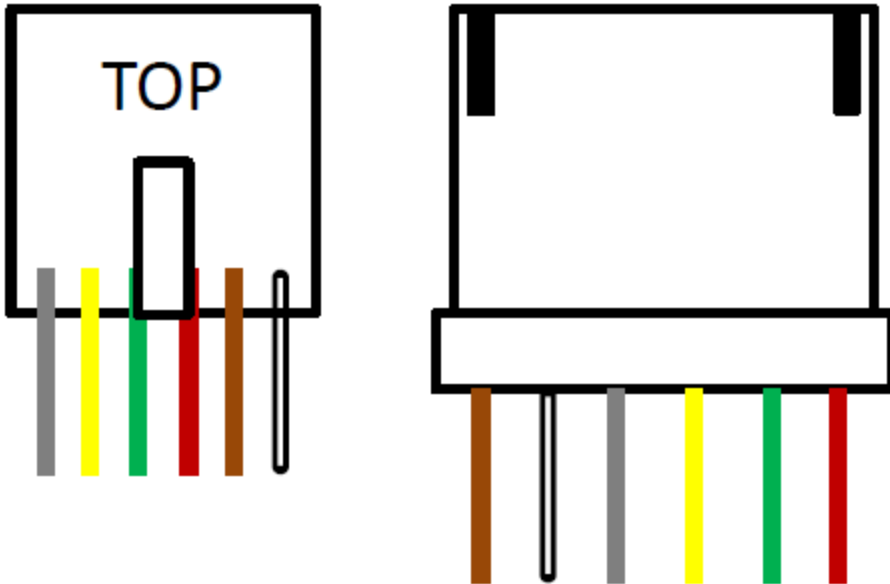


**STEP 8**

Insert the wires into the connector and press the connector pieces together



# NEW ROBOT MOTOR



LOCATING TABS

