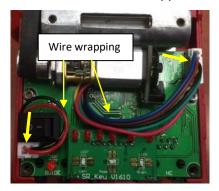# Replacing a iPolar with a Optical Polar Scope

Tool needed: a set of metric hex key wrench and a small Phillips screwdriver

1. Loosen two screws at the front of the mount and two others on the top of a SkyGuider Pro main board cover and remove the black cover.

2. Unplug the 6-wire motor driver cable and DC power cable. Remember how wires wrapped.

Wire wrapping

3. Remove two mounting screws.

4. Gently pull the circuit board with sockets end up and slide the circuit board out. If the board is stuck by the motor, loosen two Phillips screws hold the motor.

5. Remove polar scope base plate.

6. Rotate the RA axis to find **TWO** set screws which are used to secure the iPolar in place. Use a 1.5mm hex key to release the set screws. Pull the iPolar out of the RA axle.

7. Insert optical polar scope into the RA axis. Rotate the front camera mounting adapter to desired orientation and adjust the polar scope so that the LED illuminating hole is facing upward.
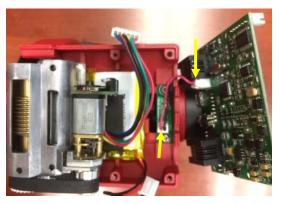

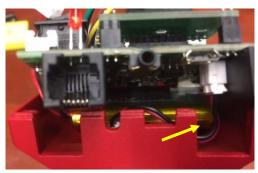8. Lock polar scope via these 2 set screws.

9. Install the polar scope LED abr. Make sure the cable plug is placed on the left side as shown.

10. Connect the polar scope LED cable between the LED bar and the control board.

11. Sliding the front end of the control board in. Make sure the LED cable underneath is not jammed.

12. Gently push the board in when the power cable goes through the small cut on the board.

13. If you release the motor to gain more space while remove the board, tighten motor locking screws while push the motor against worm assembly to tension the belt properly.

14. When securing the board with two screws, make sure that the battery and wires underneath are properly seated. Fully tighten the screws.

15. Plug in the battery wire and motor cable. Refer to step 2 to wrap the wire properly. Put the cover and screws on.

16. Replace the polar scope base plate.