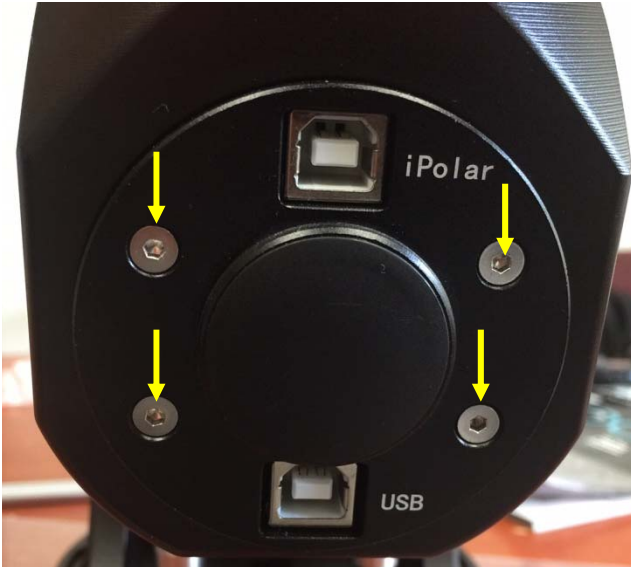


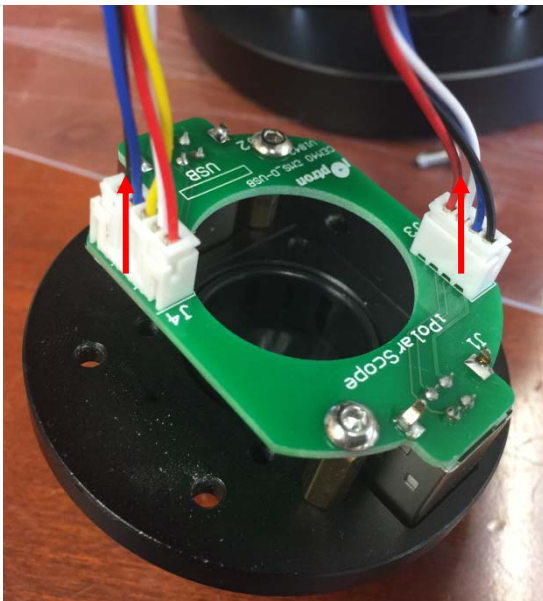
Optical Polar Scope Installation on a CEM40 Mount

Tool Needed: Metric Allan Wrench

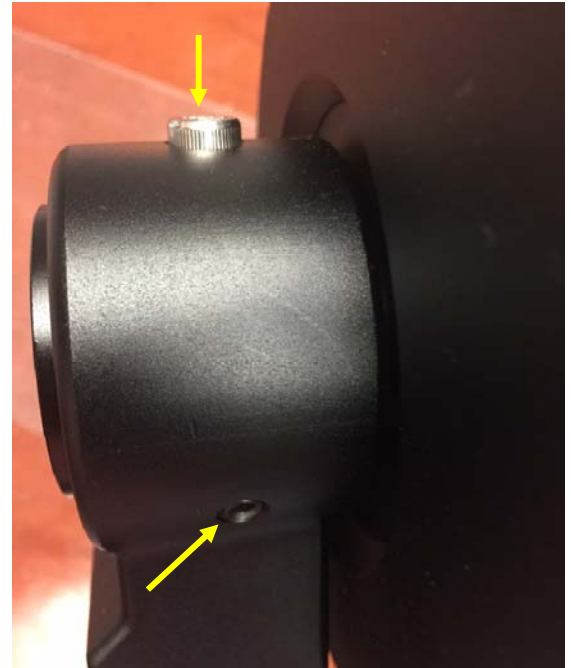
1. Remove CEM40 cable management system (CMS) cover by unscrewing four screws.



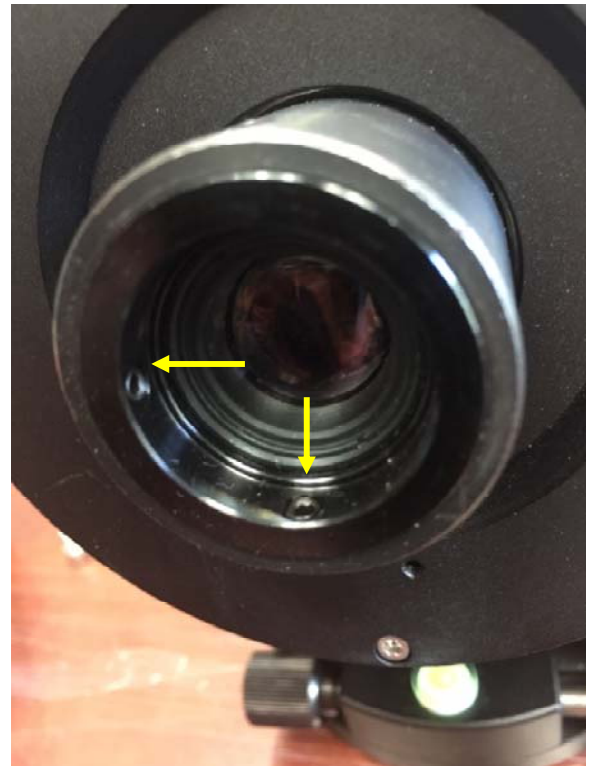
2. Unplug both wires from the cable management system (CMS) board. The cable with 4-wire is for iPolar.



3. Remove counterweight shaft mounting house. There is a socket screw on top and two set screws on the side.



4. Release two set screws on iPolar CEM40 adapter that secure the iPolar inside the RA axle.



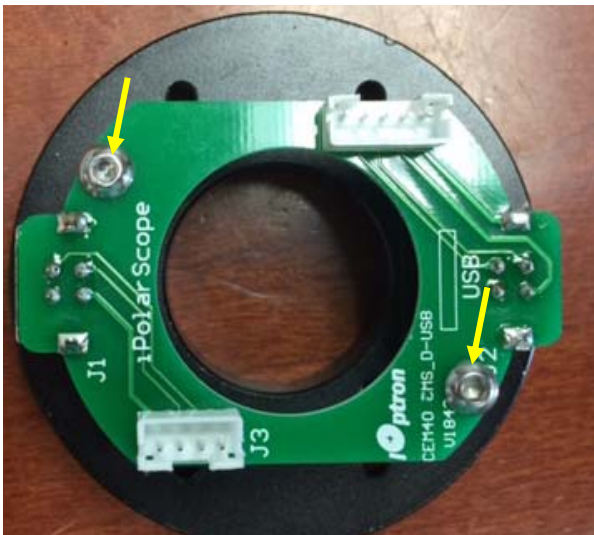
5. Pull the iPolar with adapter and cable out of the RA axle.



- Reinstall the CMS board. Make sure that the USB ports are aligned to their respected names on the CMS cover.



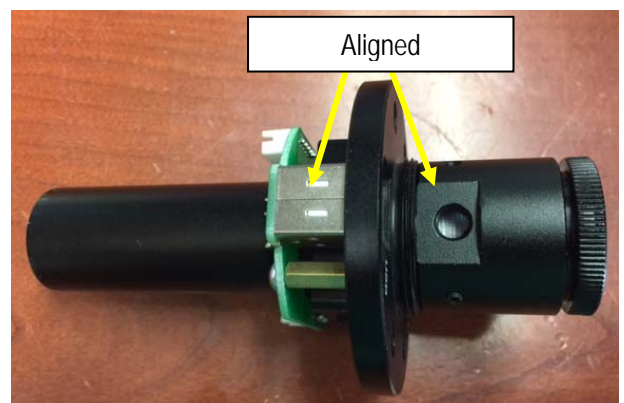
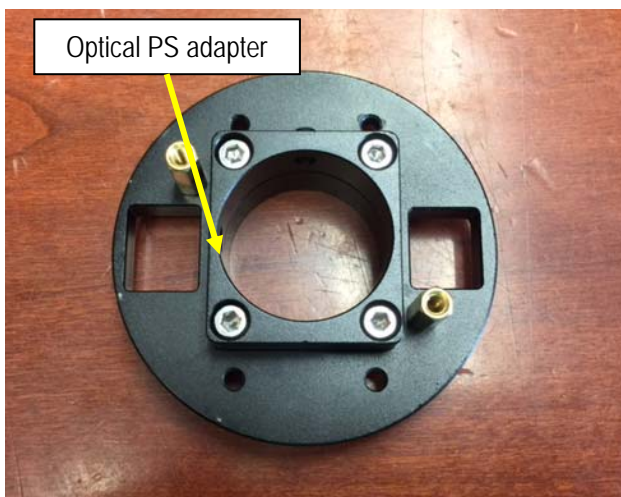
- Remove the CMS board form the cover.

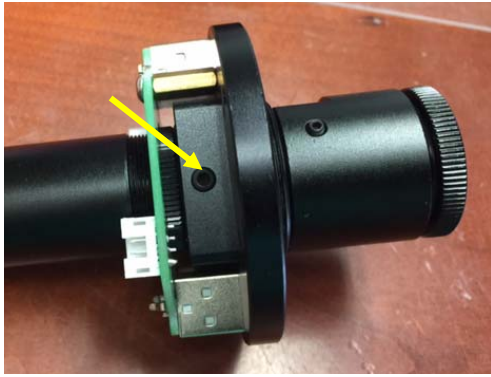


- Attach rectangular optical polar scope adapter to the CMS cover.

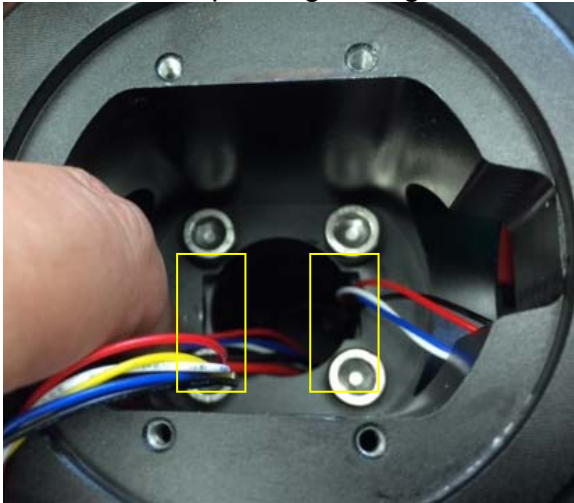


- Insert the polar scope into the CMS board, with flat LED window aligned to the iPolar USB port, so the 12 o'clock on polar scope dial will be facing up. Lock the polar scope set screw.

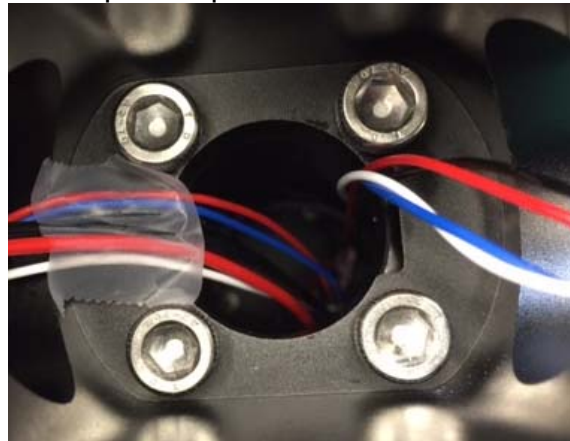




10. There is a fitting opening inside the CEM40 RA axle, with two cutouts on the side for wires passing through.



Arrange the wires side-by-side and use a scotch tape to tape them onto the side.



11. Gently insert the polar scope into the RA axle. Secure the CMS cover plate.



12. Thread CEM40 polar scope LED onto the polar scope.



13. Connect the LED cable between the LED and DC 12V output from the DEC saddle.



14. The polar scope LED brightness can't be adjusted. You may put a piece of semi-transparent paper in front of the LED if it is too bright.