

XO[®] 4

REPLACEMENT OF ARC, XO OPERATING LIGHT

YB-756
Version 1.20

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WARNING:

When making changes and handling electronics in the XO 4 Unit – always use ESD antistatic wristband (UC-600).



Tools:

Allen key size 2.5, 3, 4
Torx screwdriver size 8, 10
File
Nipper
Wire stripper



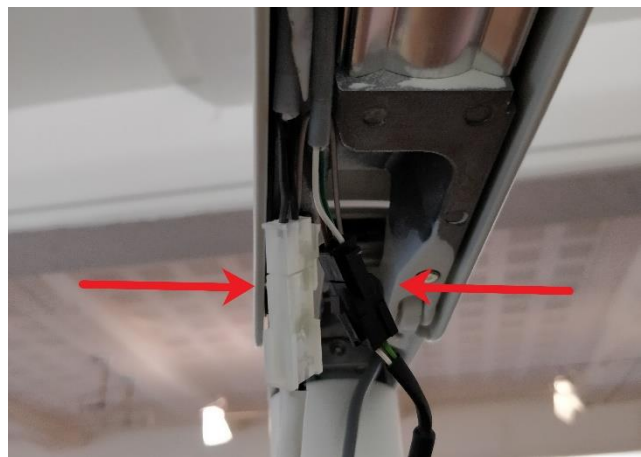
The complete kit.
KT-056 Arc OP Light



Remove the panels on the underside of the OP Light arm.



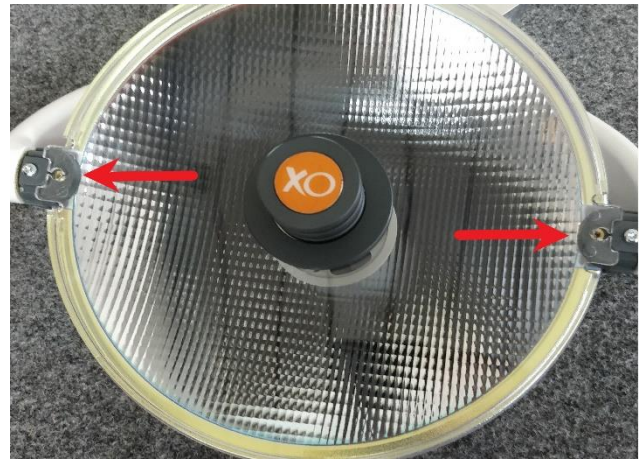
Disconnect the cables from the OP light head.



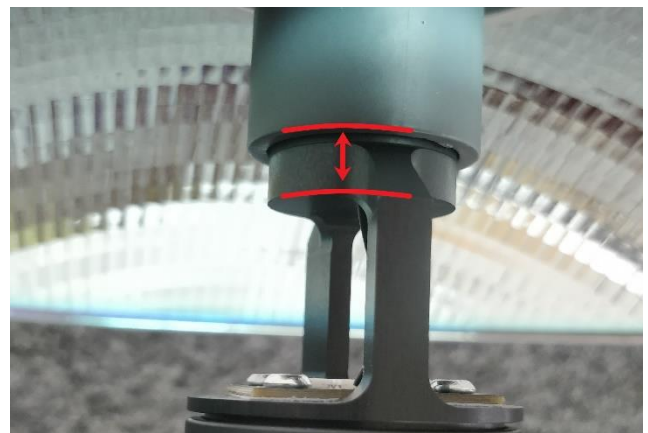
Remove the OP light head by untightening the pinol bolt.



Remove the splash screen by removing the splash screen fixation in each side.



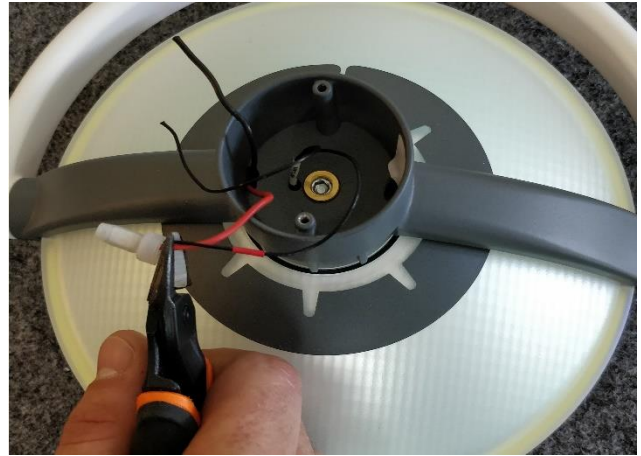
Mark or measure and take note of the distance/depth of the light unit. During reassembly, the light unit needs to be positioned exactly the same way. The focus of the light/light intensity depends on the position of the light unit.



Remove the panel on the top of the OP Light.



Cut the crimped wires as close to the crimp terminal as possible.



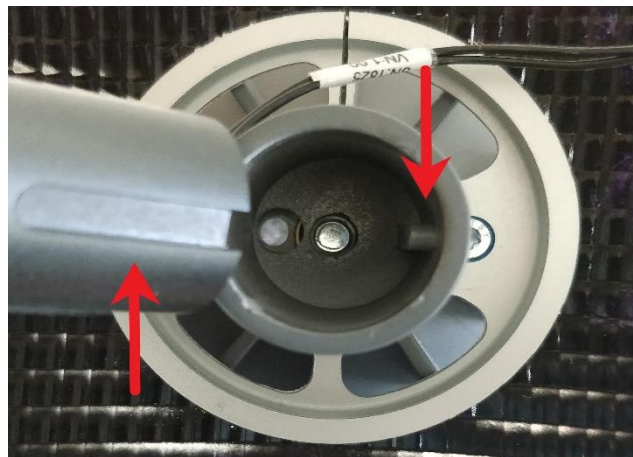
Loosen the bolt in the top holding the light unit.



Carefully pull out the light unit from the light head.



Take note of which side of the light unit the guide is positioned.
During reassembly of the new arc, the guide needs to be positioned in the same side as before. If not, the XO Logo will be upside down.



Remove the centre aluminum ring.



Remove the reflector fixation in each side.



Remove the reflector.



Remove the two plastic parts in each side of the arc.



Remove the wires from the arc.



Remove the 4 screws from each side of the arc.



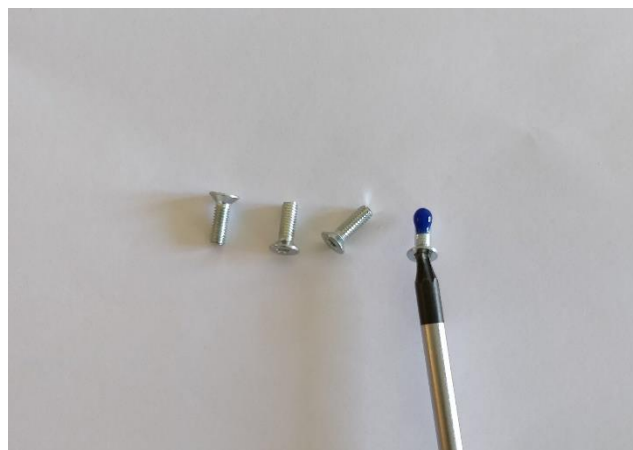
Remove the arc.



Fit the new arc. It may be necessary to pull the outer arc apart a little bit.



Use the supplied Loctite on the four bolts for the arc.



Assemble the arc using the four new screws.



Wipe off excess Loctite.



Try turning the arc using the handles. If the friction is too high compared to before, and you can see the sides of the arc has contact to the outer arc, you may remove the arc again and gently file the sides.



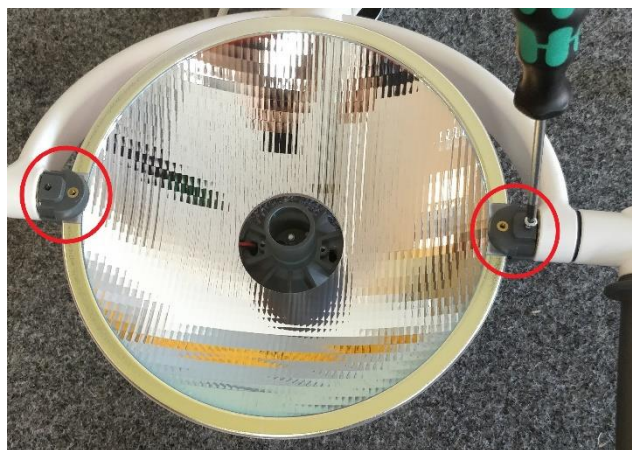
Fit the wires in the arc.



Fit the plastic parts in each side.



Fit the reflector and secure it with the reflector fixation in each side.

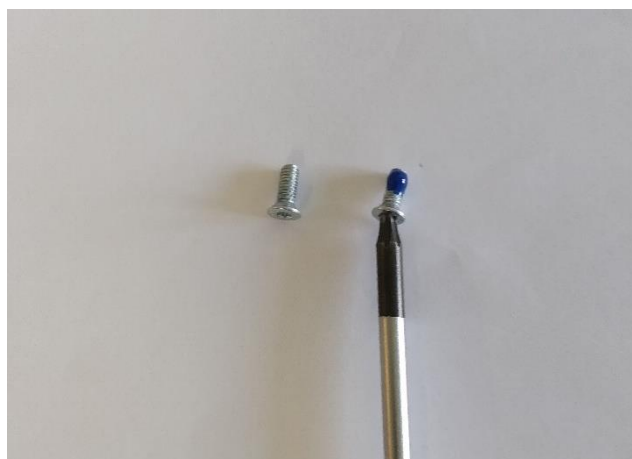


Fit the new supplied O-ring onto the aluminum centre ring and fit the centre ring onto the reflector.

NOTE: Be careful not to scratch the paint or damage the reflector when sliding the centre ring onto the reflector.



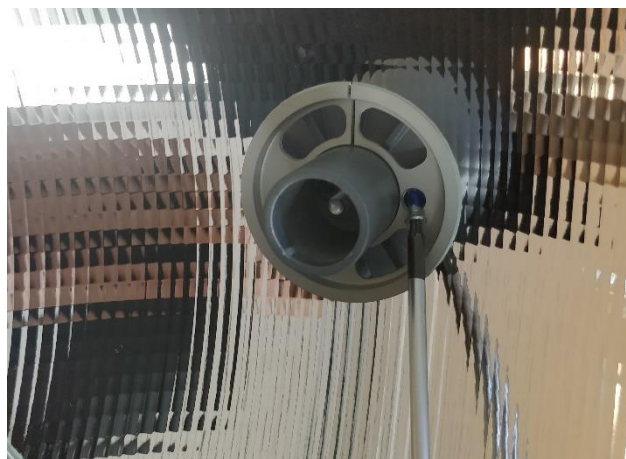
Use the supplied Loctite on the two screws for the centre ring.



Fit the two screws in the centre ring.

IMPORTANT!

Tighten only until the reflector is fixed.
Do NOT apply force. The Loctite will
secure the screws.



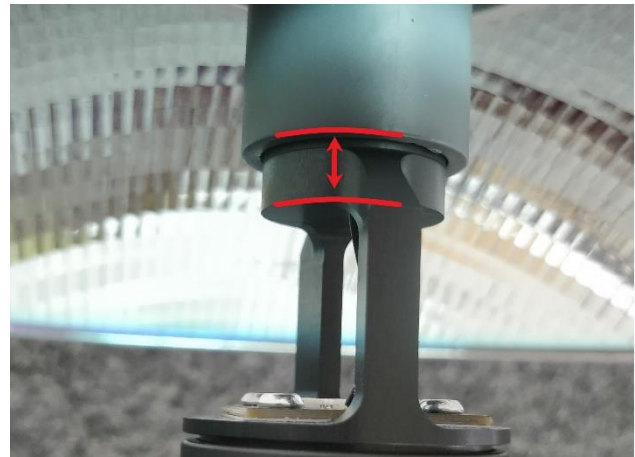
Route the wire and fit the light unit in
the holder.



Tighten the adjustment screw on the
top of the light unit.

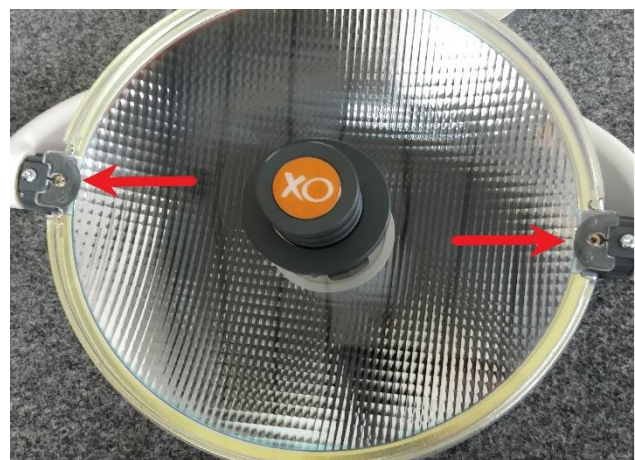


Adjust the distance of the light unit with the screw in the top, to match the measurements/marks made earlier during disassembly.



Fit the splash screen and secure it with the supplied splash screen fixation screw.

Note: Only tighten by hand, DO NOT use a screwdriver.



Strip all four wires of approx. 1cm of insulation.

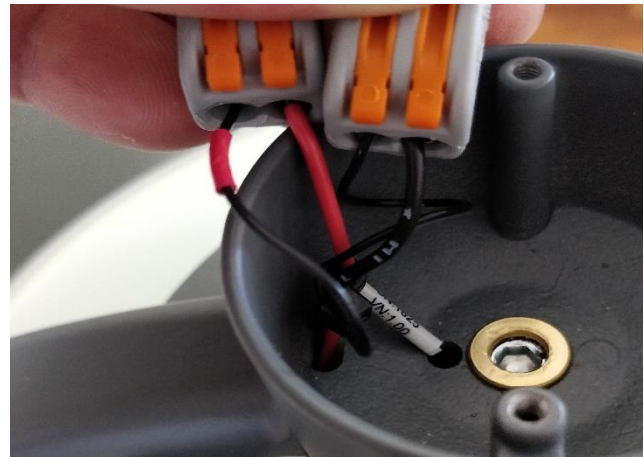


Connect the wires with the splicing terminals.

Pair the wires as illustrated in the picture.

Black + Black

Black with red marking + Red



Position the connectors opposite of each other and pull the cable protection over the connectors as illustrated.



Finished connector assembly



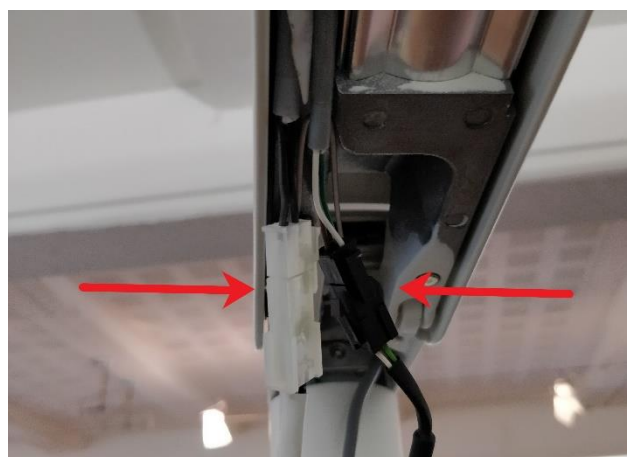
Fit the cover on top of the OP light.



Fit the OP Light onto the OP Light arm.
Be careful not to squeeze the wires.



Connect the cables to the OP Light



Fit the covers on the underside of the OP Light arm.

Switch on the unit and check the OP Light functions properly.

