



255 Light Cross Tube Installation

[002-10299-00]

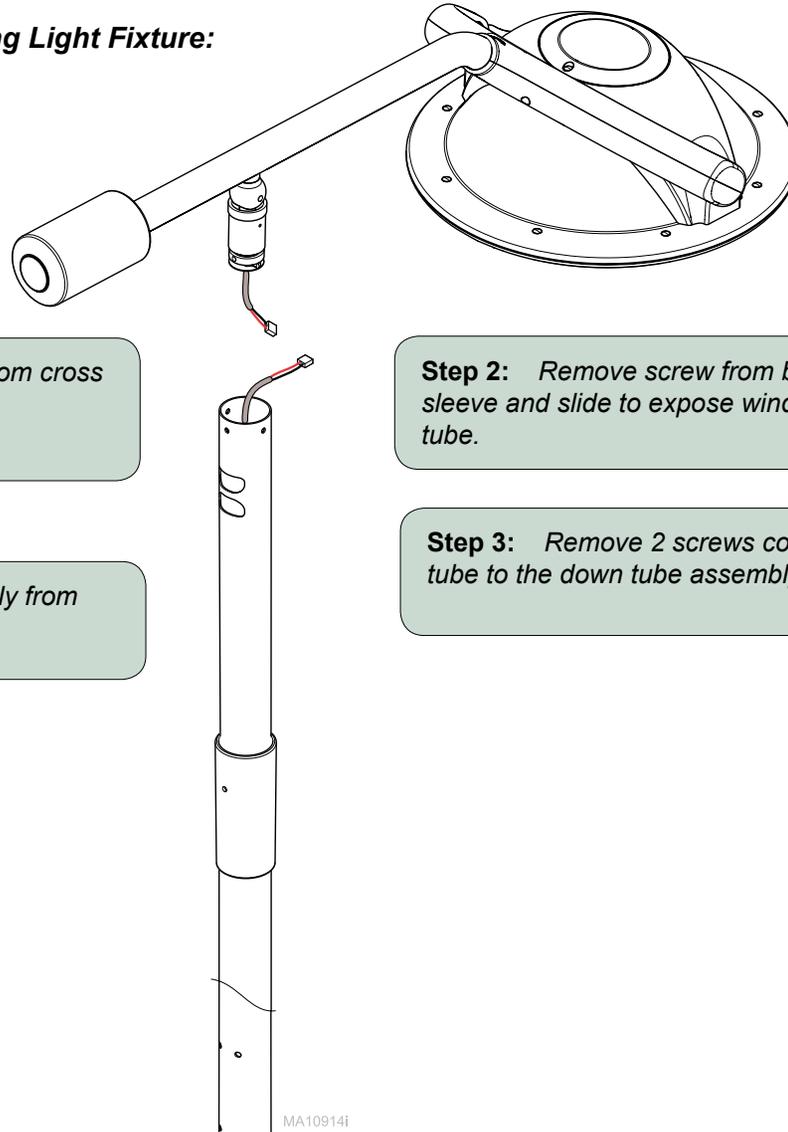
Applies to Models:
255 (-005, -007, -025, -027)
Special Tools:
None



Warning

Always turn OFF light then disconnect power before removing covers.
Failure to do so may result in personal injury.

Disassemble Cross Tube from existing Light Fixture:



Step 1: Remove 4 screws to detach yoke covers from light head. Remove 2 screws to detach light head assembly from cross tube. Disconnect wire harness connection to remove lighthouse.

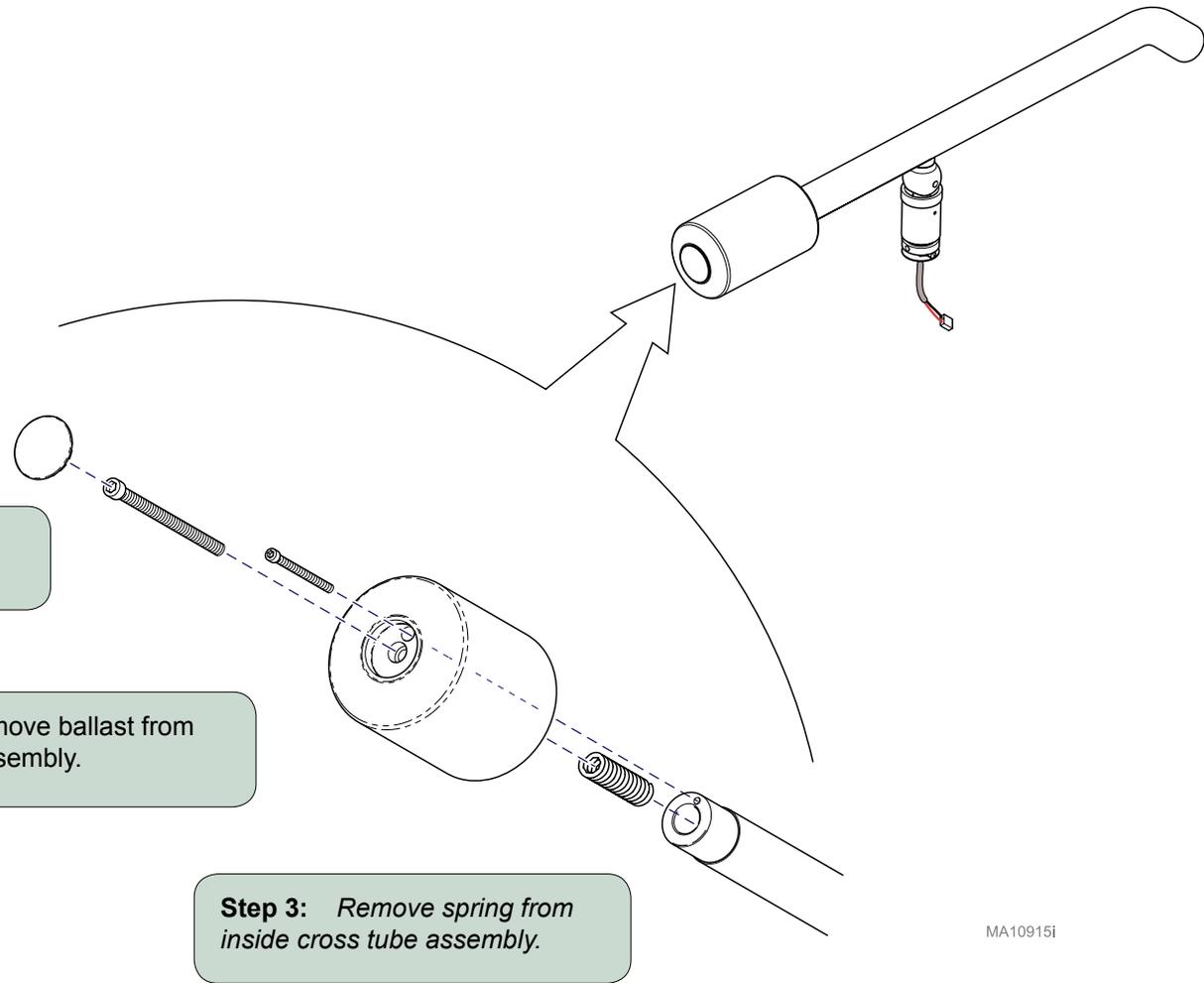
Step 4: Unplug light head harness from cross tube wire connector and harness.

Step 2: Remove screw from ball pivot sleeve and slide to expose windows in tube.

Step 3: Remove 2 screws connecting cross tube to the down tube assembly.

Step 5: Remove cross tube assembly from down tube assembly.

Remove Ballast from Cross Tube:



Step 1: Remove hole plug and 2 screws from ballast.

Step 2: Remove ballast from cross tube assembly.

Step 3: Remove spring from inside cross tube assembly.

Step 4: Keep parts for new cross tube assembly.

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Re-assemble Cross Tube Assembly:

Step 6: Plug in wire connector from light head assembly to cross tube assembly wire connector. Attach light head to cross tube with 2 screws and thread locking liquid. Screw 4 screws connecting yoke covers to light head and cross tube assembly.

Step 5: Add labels to cross tube.

Step 7: Connect cross tube wire harness to down tube wire harness. Push wires into down tube.

Step 8: Slide cross tube assembly onto down tube assembly. Screw 2 screws connecting cross tube to the down tube assembly.

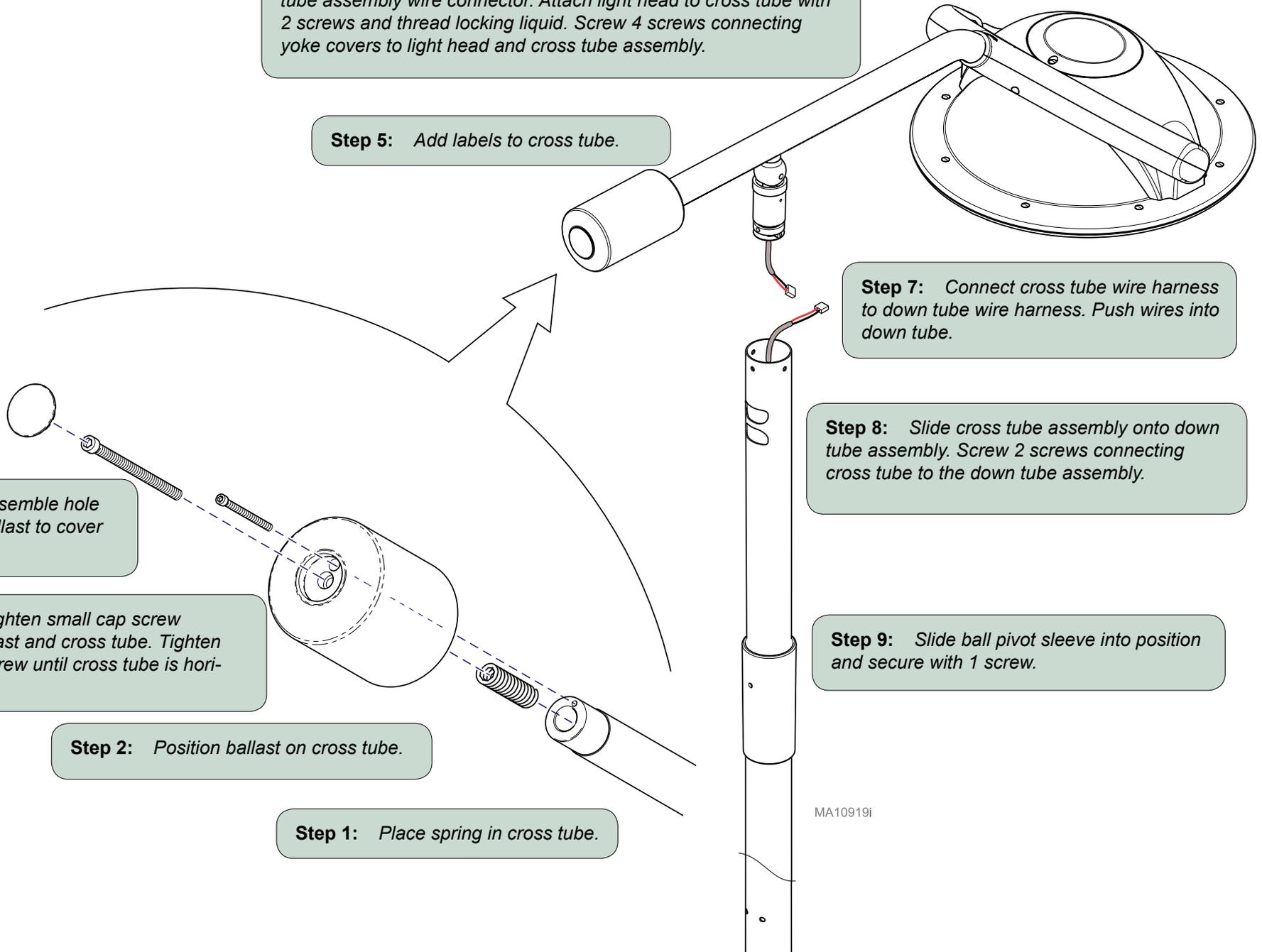
Step 9: Slide ball pivot sleeve into position and secure with 1 screw.

Step 4: Assemble hole plug onto ballast to cover cap screws.

Step 3: Tighten small cap screw through ballast and cross tube. Tighten large cap screw until cross tube is horizontal.

Step 2: Position ballast on cross tube.

Step 1: Place spring in cross tube.



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Final Step: Connect light to power source then verify operation...

- A) Turn power button ON
- B) There should be an evenly distributed circular pattern of bright light, approximately 7.5" inches in diameter.
- C) Rotate the lighthouse, cross tube, through their range of motion. Release the lighthouse at different positions.
- D) The lighthouse should be able to be positioned easily through entire range of motion. When the lighthouse is released no drifting should occur at any axis.
- E) If any problems are discovered, refer to the troubleshooting guide for adjustment and repair tips.

