

255 Light Cross Tube Installation

[002-10086-00]

Applies to Models:

255 (-001 thru -004, -006,
-021 thru -024, -026)

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:

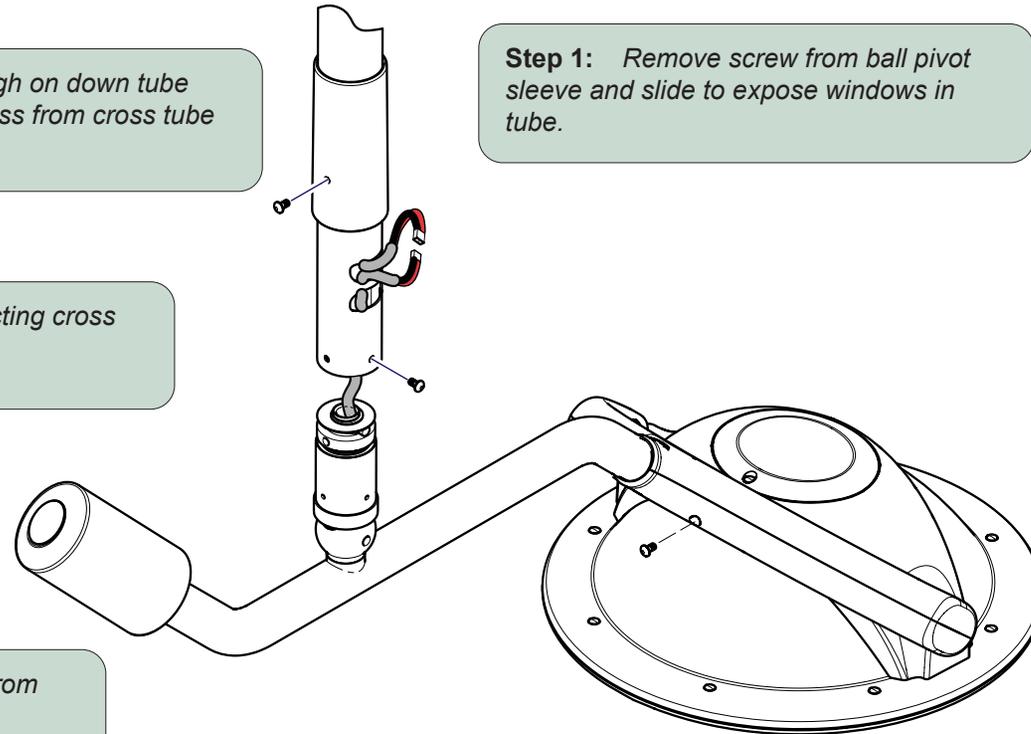
Step 2: Position sleeve high on down tube and unplug light head harness from cross tube wire connector and harness.

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

Step 4: Remove cross tube assembly from down tube assembly.

Step 1: Remove screw from ball pivot sleeve and slide to expose windows in tube.

Step 5: 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.



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

Step 7: Pull cross tube wire harness through down tube window and connect to down tube wire harness. Push wires through window.

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

Step 5: Add labels to cross tube.

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

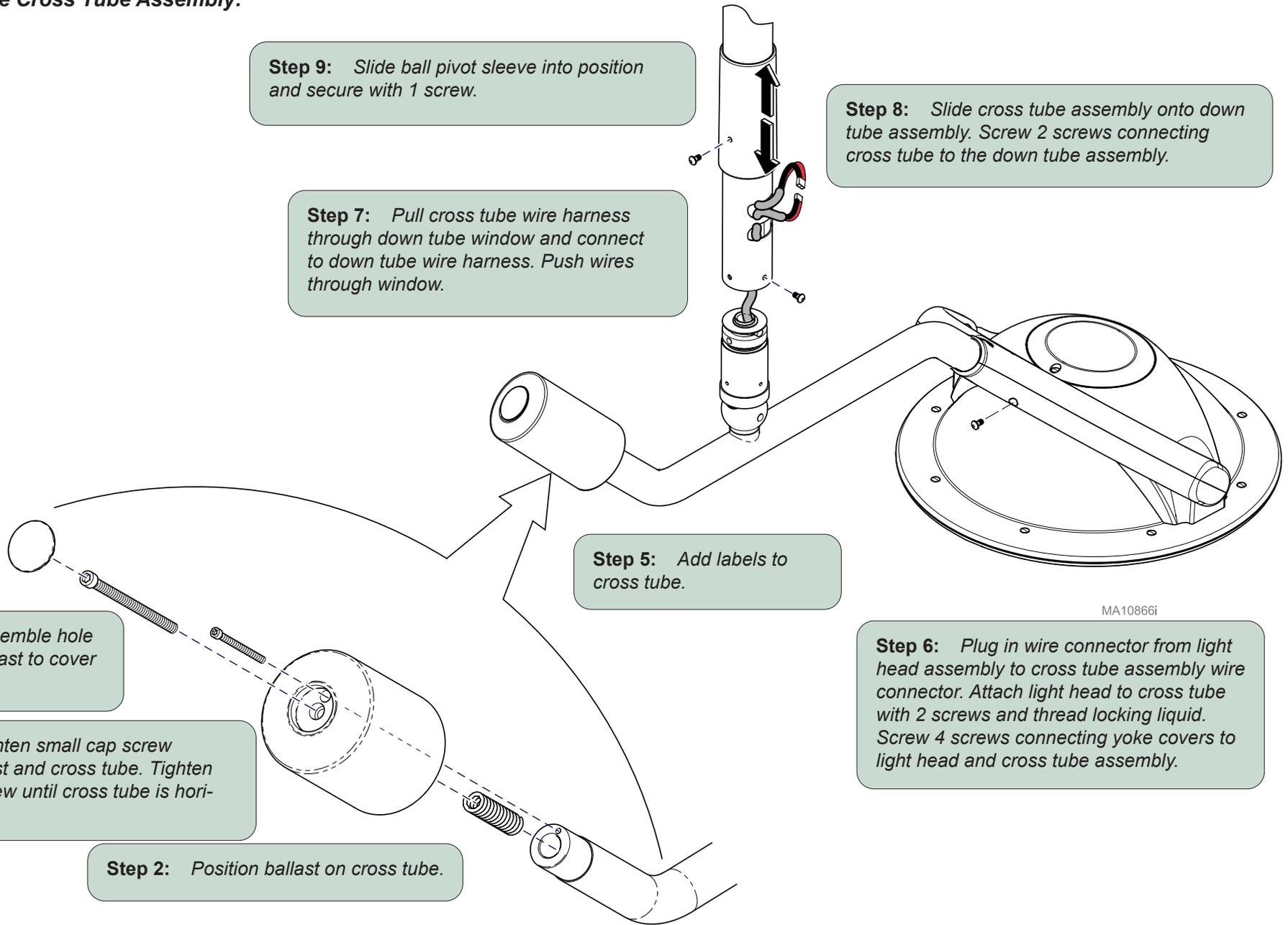
Step 3: Tighten small cap screw through ballast and cross tube. Tighten large cap screw until cross tube is horizontal.

Step 2: Position ballast on cross tube.

Step 1: Place spring in cross tube.

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.

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

- A) Turn ON facility power breaker so there is power in customer supplied wiring.
- B) Turn light ON (ⓘ) and adjust intensity as needed using light intensity controls.
- C) Position the light 36" from the table and aim the light at the table.
- D) Observe. There should be an evenly distributed circular pattern of bright light, approximately 7.5" inches in diameter, on the table surface.
- E) Rotate the lighthouse, lamp tube, cross tube, and down tube through their range of motion. Release the lighthouse at different positions.
- F) Observe. The lighthouse should be able to be positioned easily through the entire range of its motion. When the lighthouse is released in any position, no drifting should occur at any axis.
- G) If any problems are discovered, refer to the troubleshooting guide for adjustment and repair tips.

