

Replacing the white light module coolant hoses

These instructions provide details for properly removing and replacing the white light module (WLM) coolant hoses.

Affected products

The following products are affected.

- LM-1 (P/N: 146-301105-XX)
- LM-L-MP (P/N: 146-305109-XX)
- LM-R-MP (P/N: 146-306100-XX)

Required components

The following components are required to complete the replacement.

- Coolant hoses upgrade service kit (P/N: 003-006145-02)

Required tools

The following tools are required.

- 17 mm wrench
- 25 mm torque wrench set to 20 in-lb

Safety warnings and guidelines

All safety warnings and guidelines should be read before starting the procedure.



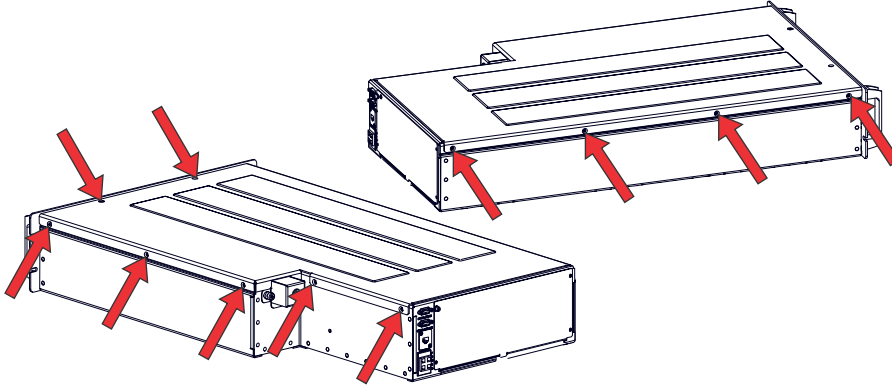
Warning! If not avoided, the following could result in death or serious injury.

- This procedure must be performed by Christie qualified technicians.
- Use protective eye wear and gloves when cleaning and servicing the product. Follow workplace guidelines for using personal protective equipment when cleaning and servicing products.

Replacing the white light module coolant hoses

Complete the following procedures to replace the coolant hoses.

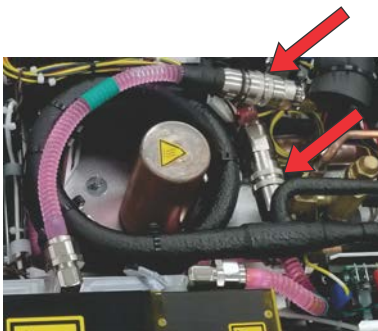
1. To remove the white light module (WLM) lid, remove 11 screws.



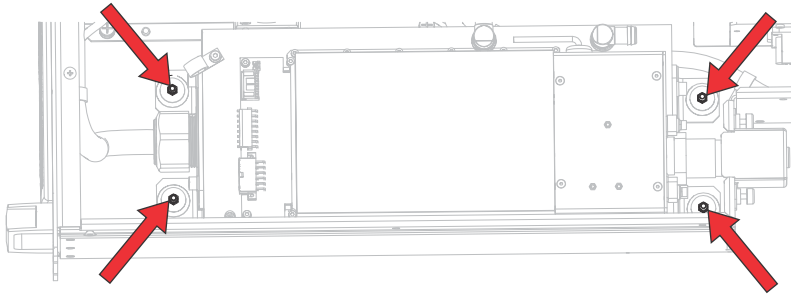
2. Remove the chiller cap.



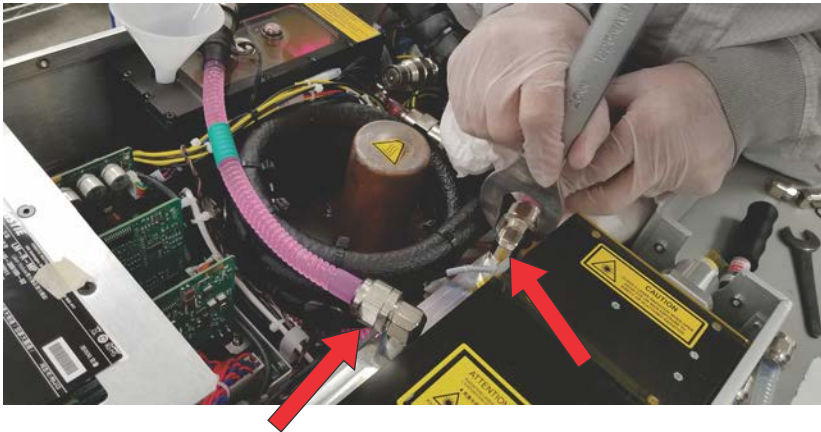
3. Place a small funnel in the chiller opening.
4. Place cloth wipes underneath and around the hose connection points to catch any excess coolant drips.
5. Disconnect the hoses at the chiller end.



6. Loosen the four locknuts to release the Light Optical System (LOS).



7. Uninstall the two hoses connected to the LOS.



8. Drain the coolant from both hoses into the chiller reservoir.
9. Reinstall the chiller cap.
10. Prior to installing the new hoses, remove the 90° elbow fittings.
11. Check to ensure the rubber O-ring is installed on the new hoses.



12. Install the new hoses on the LOS.
Torque to 20 in-lb.



13. Connect the other end of the new hoses to the chiller.
Note the routing of the coolant hoses in the photo below.



14. Reinstall the WLM lid.

Technical support

Technical support for Christie products is available at:

- North and South America: +1-800-221-8025 or Support.Americas@christiedigital.com
- Europe, Middle East, and Africa: +44 (0) 1189 778111 or Support.EMEA@christiedigital.com
- Asia Pacific: +65 6877-8737 or Support.APAC@christiedigital.com
- Christie Managed Services: +1-800-550-3061 or NOC@christiedigital.com