



DPL Industri A/S

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SERVICEINFORMATION

No. 12 Eng.

DATE: 13-07-2016

PRODUCT: UV Lamp serial 10049/12049 to 10054/12054

SUBJECT: Replacing UV Lamp

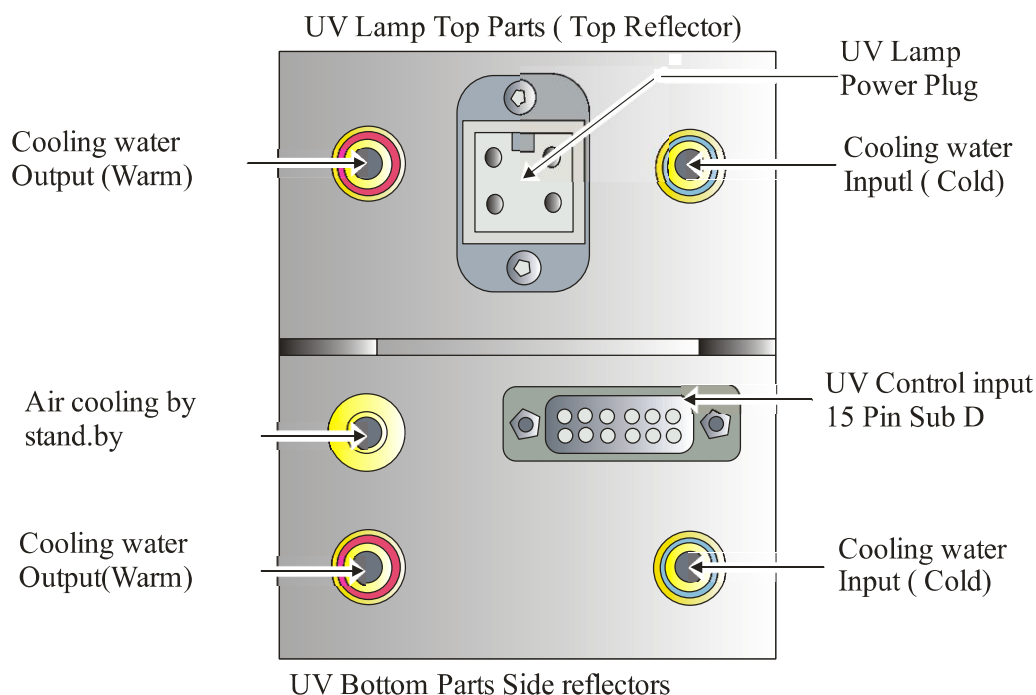
DPL Industri are only using high quality ultraviolet curing lamp from Alpha-Cure Ltd.

DPL Industri can not take responsibility for damage to persons or UV system, as a result of using other brands of UV lamps.

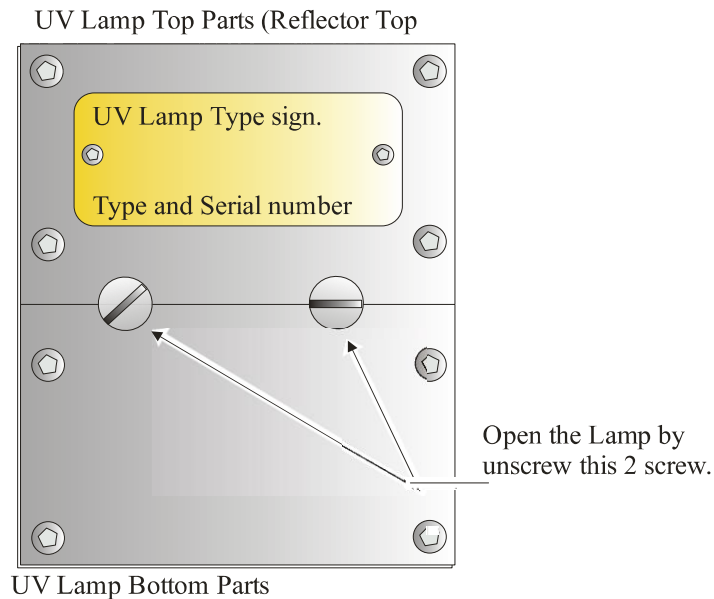
Replacing UV Lamp:

1. Always wear latex gloves when handling the lamp.
2. Before opening the lamp head, disconnect the electrical connections.

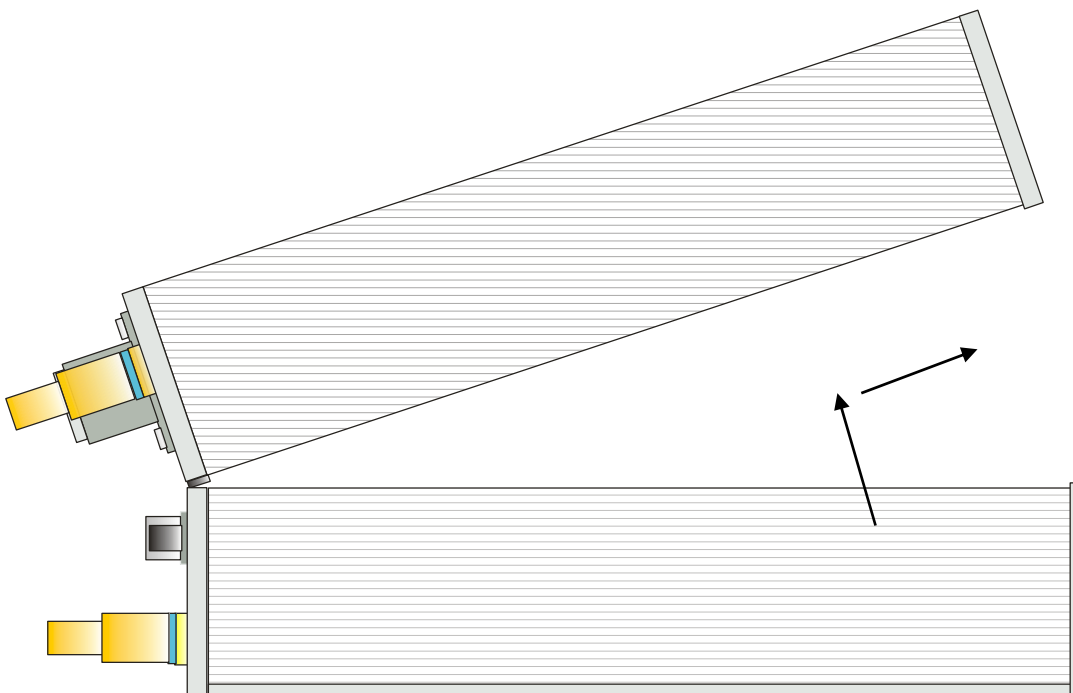
UV lamphead connections:



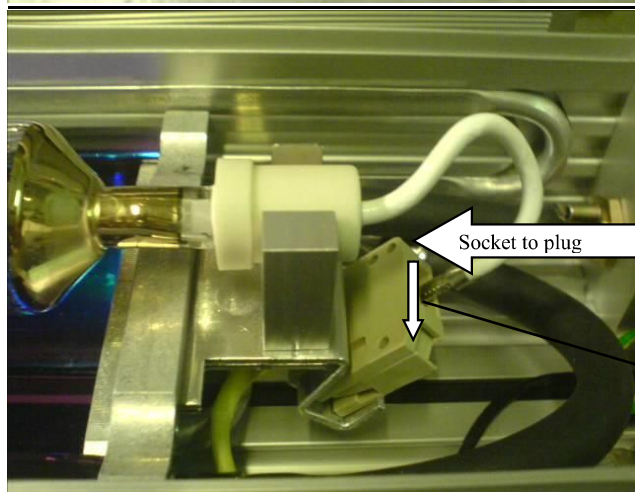
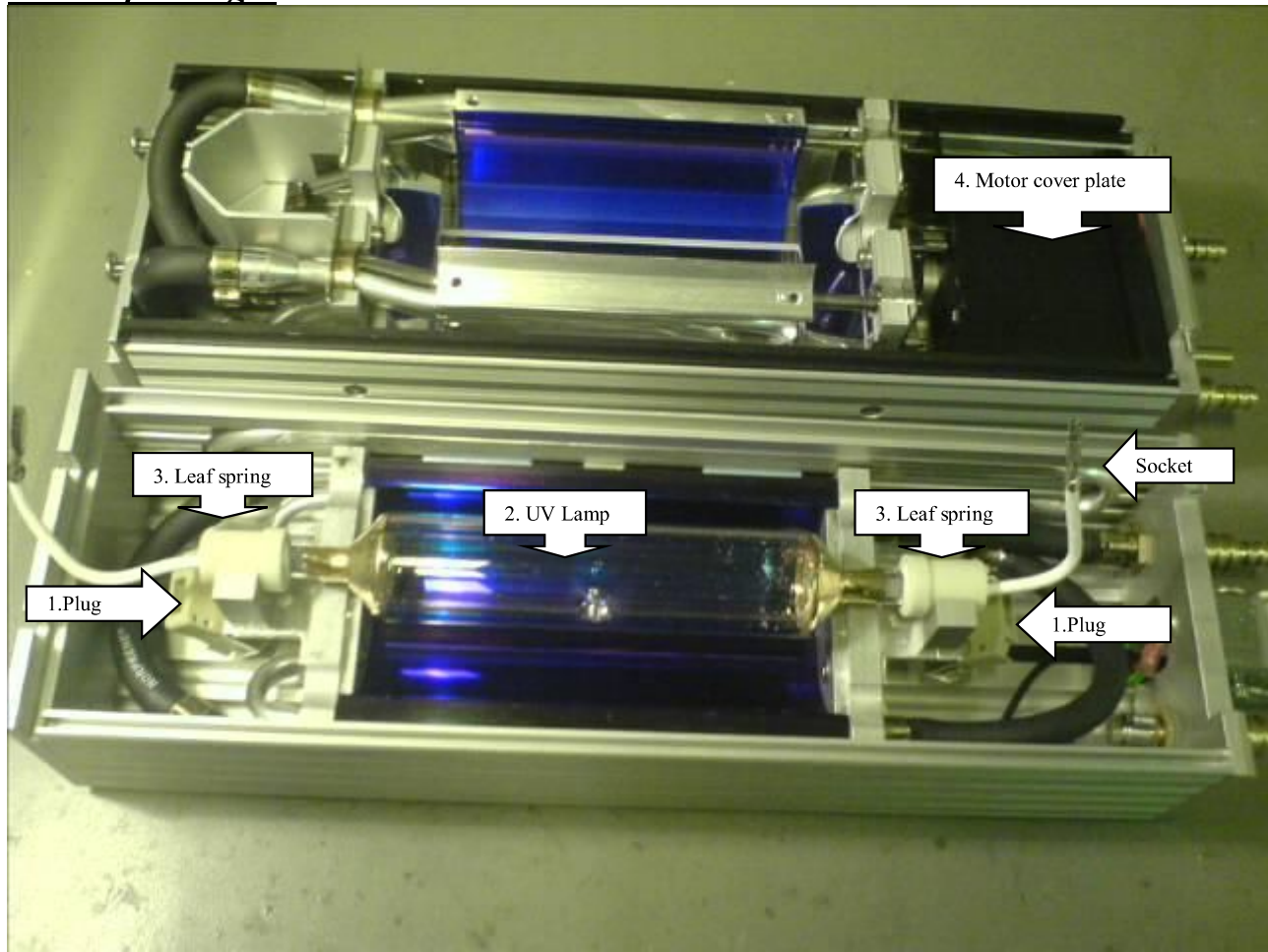
UV lamphead front:



3. Lift the top part 30-45 degree from the bottom part.
4. If the UV lamp is cracked or shattered, close UV lamp housing and send the UV lamp to DPL industry for cleaning or replacement of reflectors
5. Avoid contact of mercury
6. If the UV Lamp is ok, pull the top part in direction of the arrow to release the hinge.



UV lamp change:



ATTENTION!

Do not touch the UV lamp glass with the Your hands, touch only the cheramic soc-kets.



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7. Pull out the UV lamp socket or wire. Depended of Connection block type. Plug1. in both end.
8. Pull carefully the UV lamp #2 out From the leaf springs #3.
9. Place the old UV lamp in the shipping box from the new UV lamp that can be delivered to the recycling station for dangerous goods. (Mercury).
10. Before placing the new lamp into the system. Clean the lamp, UV system aand the reflectors with Isopropanol Alcohol.
11. Place the new lamp in the leafspringa #3.
12. Connect the socket to plug #1.
13. Make shure that the socket is fully inserted in the plug, to prevent shortcut to the motor cover plate #4.
14. Close the UV lamphead again, and connect the electrical plug.

Security Warning:

Broken or cracked UV Lamp:

1. DPL Industri are only using high quality ultraviolet curing lamp from Alpha-Cure Ltd. Alpha-Cure using the finest quality components for the UV lamp production. Alpha Cure uses argon gas for the production of UV lamps, which do not emit toxic gases in lamp breakage.
2. We therefore warn our customers against using UV lamp manufacturers who use other toxic gases, producing UV Lamps.
3. UV lamps contain a very small amount of mercury. if there is a breach of a UV lamp, the UV lamp housing have to be sent to DPL Industry, to be cleaned and inspected for damage to the optical components.
4. In industries using mercury, it is common to have mercury spill accidents. Exposure to mercury has harmful health effects, it can cause damage to the brain, kidney and lungs among other things. As such it is vitally important for any printing house or production line using mercury filled UV lamps, to have clean-up kits readily available in case of emergencies, to prevent any of the adverse effects from an accidental UV spillage, caused from a UV lamp being dropped and smashing.

Ultra Violet Radiation:

5. **Warning:** UV lamps have a powerful Ultraviolet radiation that is harmful to eyes and skin. DPL Industri helps our clients to achieve the best possible shielding and personal safety.

Best regards
Henrik Lindskov
DPL Industri A/S