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## **SERVICEINFORMATION NO. 01 D ENG**

**DATE: 08-12-2003**

**PRODUCT: ALL TYPES OF LAMPS**

**SUBJECT: UV-light influence on the silicon hoses in the lamps**

*Changes with respect to SI 01 B ENG: 2 metal plates for the walls. New silicon hoses. New hose clips.*

*Changes with respect to SI 01 C ENG: Correction of error in number of hose clips in a kit.*

After a long time exposure to the UV-light in the lamps, the silicon hoses transporting the cooling water, can be more or less destroyed, and eventually the lamps will leak water. Especially in the area where the hoses meet the aluminium pipes in the side reflectors, you can see damages. This is due to the fact, that for practical reasons, the separation wall between the compartments at the ends of the lamp, and the reflector compartment is not absolutely light tight.

To minimize the problem, we have produced metal shields, to stop the UV-light in reaching the hoses in this compartment. A plate to be mounted on the walls it selves, and a sort of cap, to be mounted on the reflector tubes to cover the end of the hoses. These shields will reduce the UV-light in this area with about 90%.

The first version of the protection kit was mounted in all lamps produced and repaired after the 1. of November 2002.

From the 1. of November 2003 the new kit will be mounted in all new and repaired lamps.

We recommend checking the silicon hoses in existing lamps after app. 5000 hours of production, and if they show signs of weakness, they should be changed.

For service we have composed a kit, with all the material needed to change all the hoses in the lamps and mount the shields. The kit has code **35090**, and can be requested from DPL.

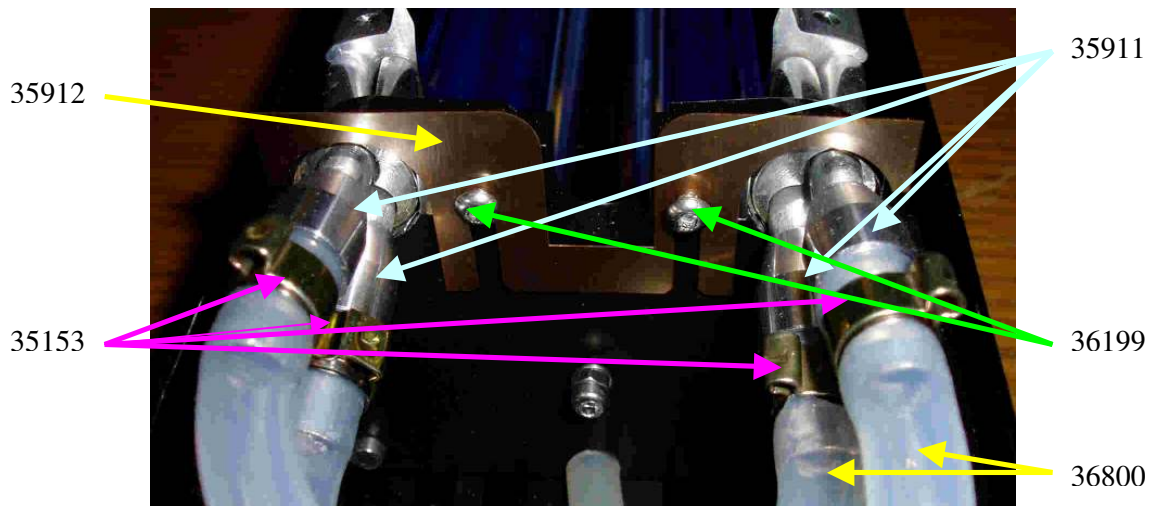
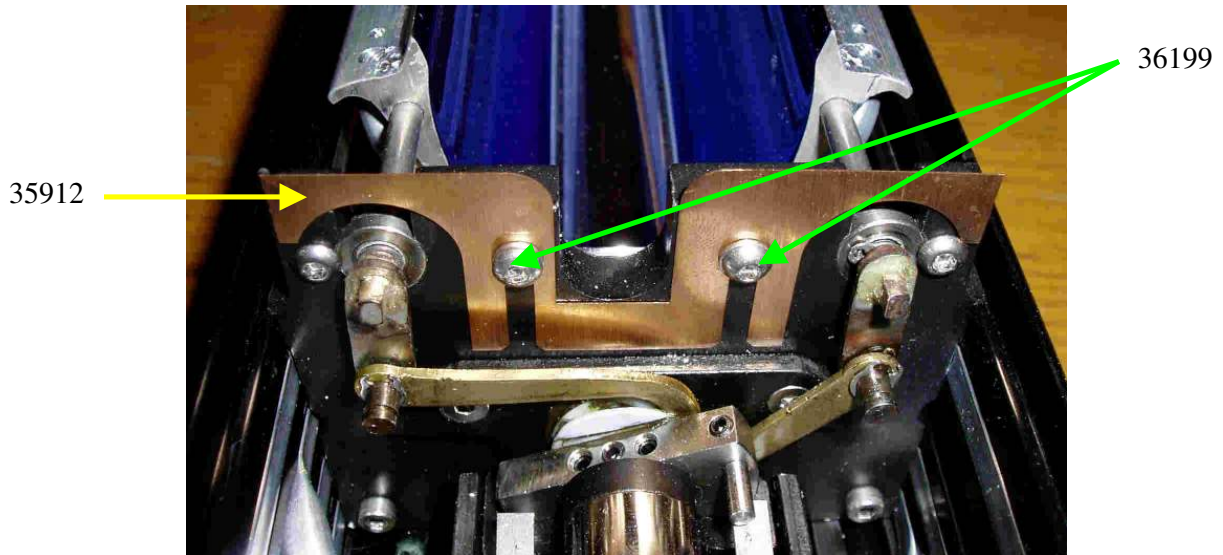
### **Content of kit 35090:**

- 35911 – Shield (caps) for aluminium pipes – 4 pcs.
- 35912 – Metal plate for wall. 0.2-0.25 mm brass or stainless steels – 2 pcs.
- 36800 – Silicon hose. 5/9 mm – 1 M.
- 35153 – Hose clips. 10.5 mm – 14 pcs.
- 36199 – Screw M3x5mm – 4 pcs.

All parts can be bought separately, but if it is to be used on an old lamp, which has never been updated before, it is a good idea to buy the complete kit.

**Mounting of UV-protection kit code 35090:**

Be careful when removing the old hoses. If the tubes are damaged, there is a risk that the new hose will be damaged as well. Make the new hoses a bit wet before mounting on the tubes.



Remember to refit the black covers at each end, after mounting the plate 35912.