



DRC 420 MANUAL

Regularly clean the ring light head

Instructions for changing the bulbs in the MIC 510 CLR494 14 watt light head

The CLR494 light head consists of three parts. The front chromed housing holds the bulbs; And a middle plastic section which is fastened to the rear stainless power contact ring. These two contain the spring contacts and do not need to be separated to change the bulbs.

When you decide to change the bulbs, throw all the fitted bulbs away. Do not be tempted to re-use any that are working at the time.

1. Using the supplied screwdriver, remove the six screws holding the rear spring power contact assembly to the front housing.
2. Examine the screw slots and threads and discard any that show the slightest sign of damage. Replace these with the new ones supplied.
3. Gently separate the rear spring power contact assembly from the front housing. Remember they separate between the front housing and the plastic front of the power spring contact assembly.
4. Discard the bulbs and O rings.
5. Clean the inside of the bulb housing recess and the chromed tubes that the bulbs fit into. Do not forget the front reflector part of these tubes – use a grease solvent and the supplied fibre glass pencil.
6. Clean the surface of the brass spring contacts in the same way.
7. Do not flood the spring power contact assembly with solvent just use a dampened tissue or cloth prior to gently rubbing each contact with the fibre pencil.
8. Wipe both items completely with a clean tissue to remove any debris.
9. Insert the new bulbs with the housing face down on the table.
10. Using the supplied syringe of silicone grease, place a blob of grease over the rear of each bulb, just sufficient to cover the back of the bulb.
11. Place an O ring centrally over each bulb onto the silicon grease.
12. Insert one screw into one of the screw holes in the rear power spring contact assembly.
13. Offer the power spring contact assembly up to the front housing with the inserted screw aligned with one of the screw holes in the front assembly. The screw is long enough to make contact with the screw hole before the rear housing enters the front housing.
14. Holding the rear assembly square to the front assembly, tighten the screw until the rear assembly just starts to enter the front assembly.
15. Insert the remaining five screws and tighten.

Do not omit the O rings or the silicon grease – they are designed to prolong the life of the bulbs and the rear spring contact assembly. Leaving them out will cause early failure of the spring contact assembly.