

## TOXYGEN® BSC-UV MAINTANCE AND REPAIR MANUAL

### 16.4. UV BULB REPLACEMENT

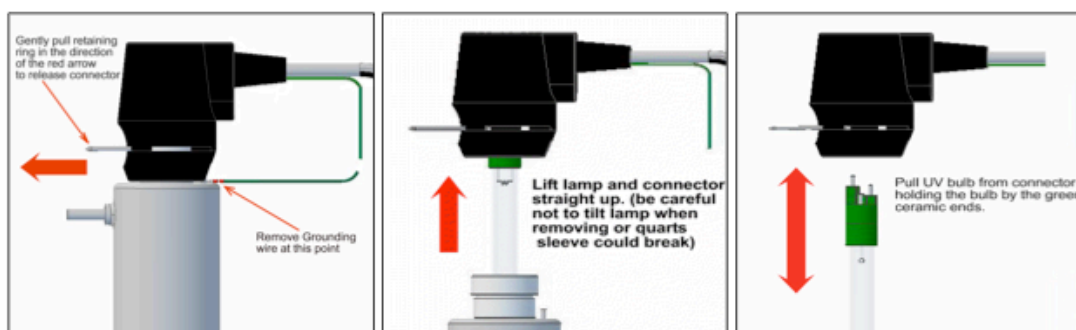


FIG. 17.4-1

FIG. 17.4-2

FIG. 17.4-3

### 16.5. Tools Needed

### 16.6. Procedure

- 16.6.1.** Disconnect main power source and allow the unit to power down for 30 sec
- 16.6.2.** Remove the ground wire from the grounding lug on the canister.
- 16.6.3.** Unlock the lamp connector by sliding the metal retaining rings away from the body of the connector refer to FIG. 17.4-1.
- 16.6.4.** Carefully slide UV tube and Connector upward, removing it from the quartz sleeve. Referring to FIG. 17.4-2.
- 16.6.5.** Caution: Move UV-Tube straight up, DO NOT tilt or bend as damage to the quartz sleeve may result
- 16.6.6.** Separate the lamp from the connector by sliding the two apart. Refer to FIG. 17.4-3.
- 16.6.7.** NOTE: Do Not twist the lamp from the connector. Avoid touching the glass on the lamp; use the ceramic ends to hold on to or a pair of soft cotton gloves.

### 16.7. UV QUARTZ-SLEEVE REPLACEMENT

- 16.7.1.** Disconnect main power source and allow the unit to power down for 30 sec
- 16.7.2.** Remove the ground wire from the grounding lug on the canister.
- 16.7.3.** Unlock the lamp connector by sliding the metal retaining ring away from the body of the connector refer FIG. 17.4-1.
- 16.7.4.** Carefully slide UV-bulb and Connector upward, removing it from the quartz sleeve. Referring to FIG. 17.4-2.
- 16.7.5.** Caution: Move UV-bulb straight up, DO NOT tilt or bend as damage to the quartz sleeve may result
- 16.7.6.** Separate the lamp from the connector by sliding the two apart. Refer to FIG. 17.4-3.
- 16.7.7.** NOTE: Do Not twist the lamp from the connector. Avoid touching the glass on the lamp, use the ceramic ends to hold on to or a pair of soft cotton gloves.

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- 16.7.8.** Referring to Fig 17.2-1 remove the two (2) Gland Nuts and O-Rings. (Warning: be careful not to drop the glass sleeve or getting cut if the tube was broken.
- 16.7.9.** Carefully install new Sleeve, with new O-Rings .
- 16.7.10.** Reinstall Gland nuts and tighten snugly.
- 16.7.11.** Reinstall UV light in the reverse order that they were removed.