



Lamp and Sleeve Replacement

G, H, J & K

G Plus, H Plus, J Plus & K Plus
Pro10, Pro20, Pro30 & Pro50



Always shut-off water flow and release water pressure before servicing.



Electrical hazard. Be sure to unplug power supply. Keep all electrical connections dry and off the ground. Do not touch plug with wet hands.



Never look directly at the lamp when it is operating.



Read directions before servicing.



The 602854, 602855 and 602856 are Tested and Certified by NSF International against NSF/ANSI Standard 55 the UVMAX Pro10, UVMAX Pro20 and UVMAX Pro30, respectively, for disinfection performance, Class A.

COMPONENT

Potential Hazard	Safety Measures
UV Exposure	Never illuminate UV Lamp outside of the UV Chamber. Never look directly at illuminated UV Lamp, even when using protective gear. Always use protective gear, including gloves and UV safety glasses. If accidental exposure occurs, immediately cool affected area and consult physician.
Electrical Shock	Disconnect power to system before performing any maintenance or repair. There may be more than one source of power.
Impalement	Never perform any physical inspection, repair or maintenance on UV Chamber unless UV chamber has been isolated and depressurized. Never service UV Lamps, Sleeves or associated hardware until depressurization of UV chamber has been confirmed.
Hot chamber	Allow UV Lamps, UV Chamber to cool for a minimum of 10 minutes before handling.
Cut or ingestion	Ensure the quartz sleeve or lamp is not broken, cracked or damaged in any way when handling equipment.
Scald from water	When there is no water flow, the water in the chamber will become hot. To prevent scalding, allow the system to cool before draining the system.
Fire	Do not store any combustible or flammable material close to the system.
Hg Exposure	The UV lamp contains mercury. If the lamp breaks, then avoid inhalation or ingestion of the debris and avoid exposure to eyes and skin. Never use a vacuum cleaner to clean up a broken lamp as this may scatter the spilled mercury. Obey local regulations and guidelines for the removal and disposal of mercury waste.
Water leak	Use proper plumbing materials to avoid potential material degradation from UV exposure.

About sleeve cleaning:

Minerals in the water slowly form a coating on the sleeve. This coating must be removed because it reduces the amount of UV light reaching the water, thereby reducing disinfection performance.

About lamp replacement:

The amount of UV light created by the lamp decreases over time, requiring that the lamp be replaced. The system will automatically notify you when it is time to replace the lamp (the lamp should last approximately 24 months).

Equipment required:



#2 Phillips screw driver



Scale remover such as CLR™ or Lime-Away™.



Cotton swab.

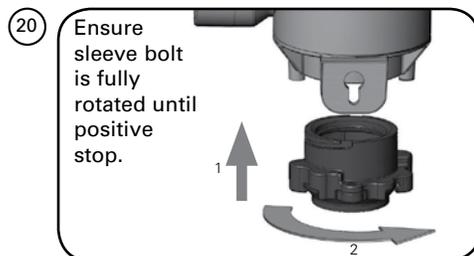
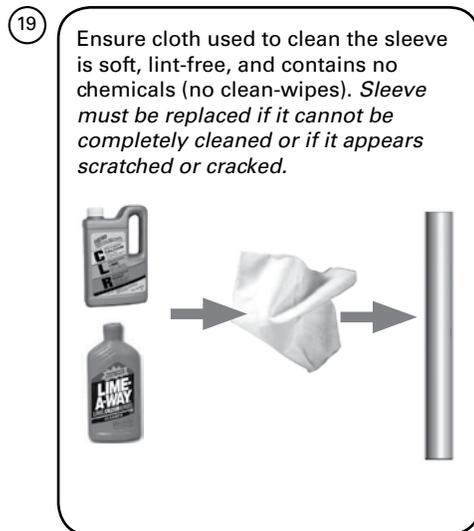
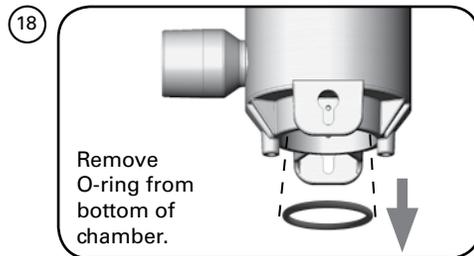
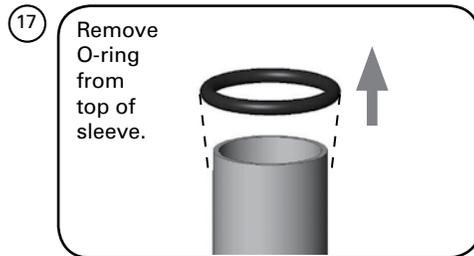
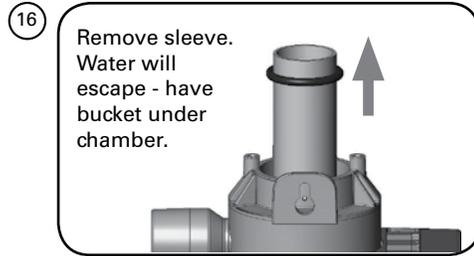
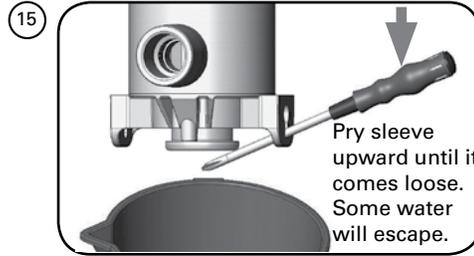
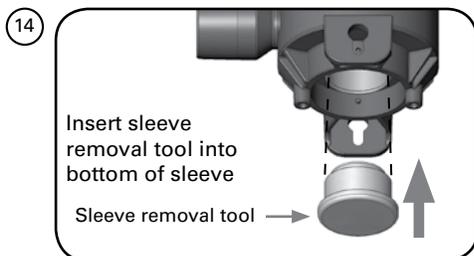
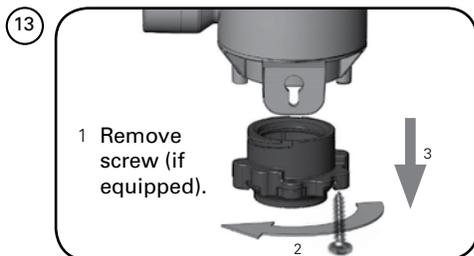
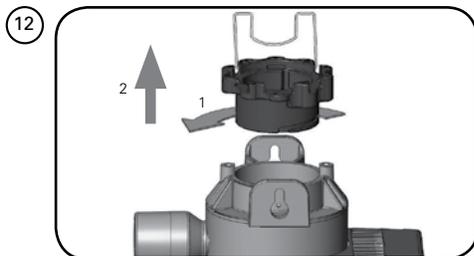
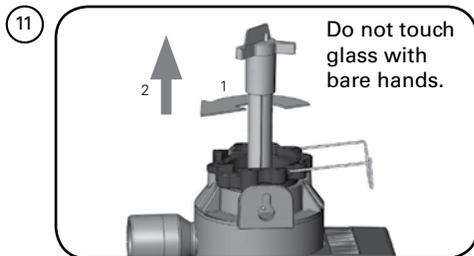
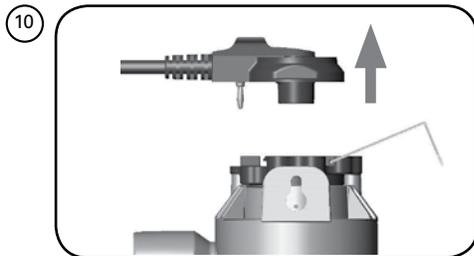
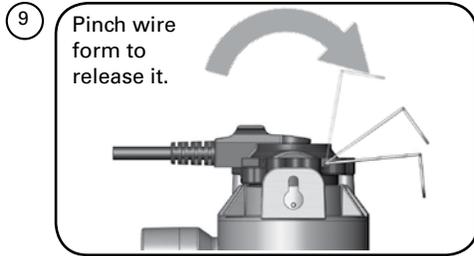
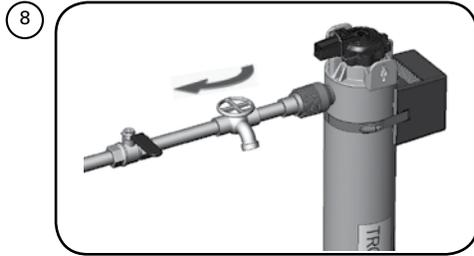
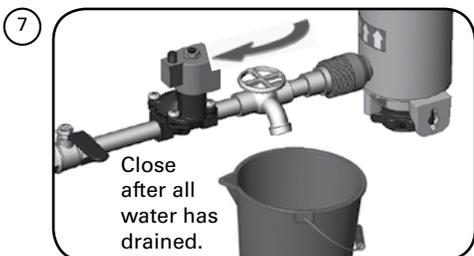
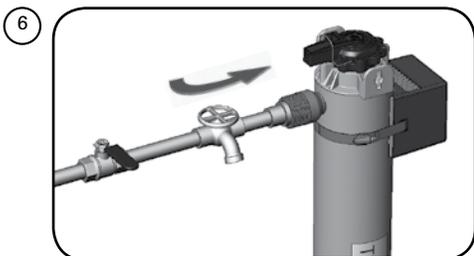
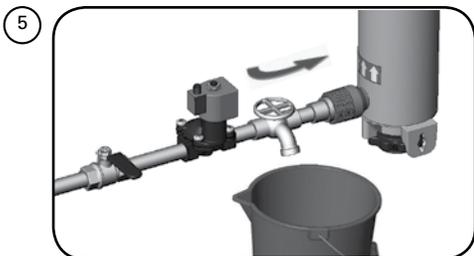
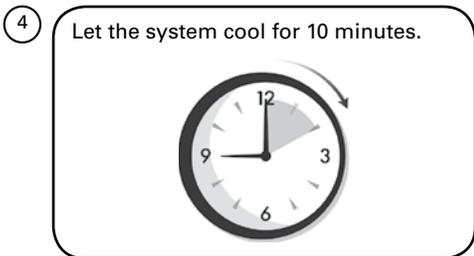
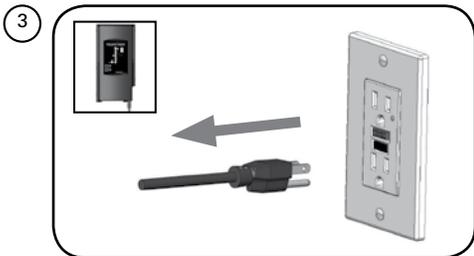
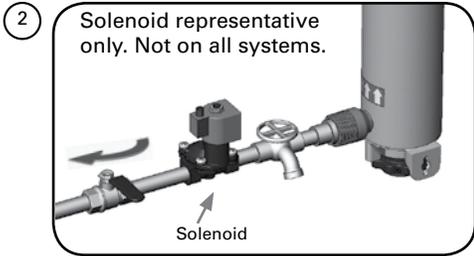
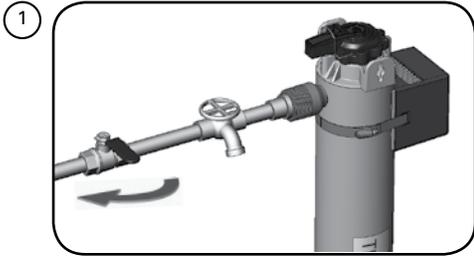


Clean cotton, latex or plastic gloves are preferred.



Cloth must be soft, lint-free, and chemical-free. No clean-wipes.

Part	Lamp	Sleeve	Length
UVMAX G & Pro10	602854	602974	15.1"
UVMAX H & Pro20	602855	602975	26.7"
UVMAX J, K & Pro30, Pro50	602856	602976	36.5"



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Do not touch glass with bare hands. Insert curved end of sleeve first. Do not rotate sleeve.

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Skip to Step 31 if not equipped with a sensor.

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Wet O-ring with water then place over top end of sleeve.

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If lamp was replaced: Press and hold "New Lamp" button for 5 seconds until you hear a "beep".

23

Ensure sleeve bolt is fully rotated until positive stop.

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Disinfect the water lines. UV systems disinfect the water using ultraviolet light, treating the water as it passes through the system. When there is a risk that water downstream of the UV system has been contaminated it is critical that these water lines be chemically disinfected.

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Wet O-ring with water then place over bottom end of sleeve.

32

Lock wire form into position.

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26

Ensure sleeve bolt is fully rotated until positive stop. Install screw (if equipped).

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Re-install current lamp if it does not need replacement. Be sure to rotate lamp completely. Do not touch glass with bare hands.

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Unplug sensor from blue jack.

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