PRODUCT BULLETIN

ISSUE/DATE:	October, 2012	**BULLETIN NUMBER:**	**012-PBSC-001A**
PRODUCT LINE:	TrojanUVSwift™SC	**MODELS:**	A01, A02, B03, B04, B06, B08, B12, C06, C30
TOPIC:	**REPLACEMENT FOR TROJANUVSWIFT™SC SLEEVE BOLT**		

OVERVIEW

The lamp plug, which is retained by a stop step, has the potential to disengage from the sleeve bolt during operating conditions. This can result in UV exposure, UV damage to the sleeve bolt and in the unlikely event that a sleeve breakage occurs during operation, water and, possibly, particulate located in the reactor to be expelled. It is required that the affected sleeve bolt which is found in TrojanUVSwift™SC A01, A02, B03, B04, B06, B08, B12, C06 and C30 reactors shipped before April, 2010, be replaced as soon as possible.

DETAILS

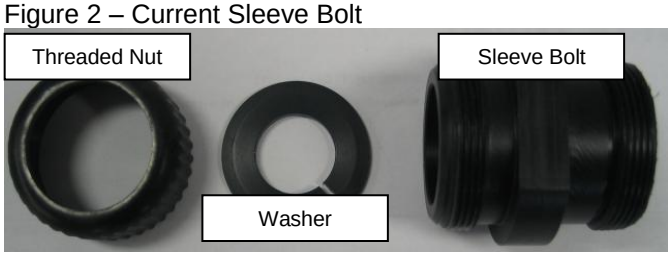
The original sleeve bolt (PN 792932) has a stop step fitting which holds in the lamp plug. (figure 1). In the unlikely event that a sleeve breakage occurs during reactor operation, reactor pressure greater than 5 psi can cause the lamp plug to disengage from the stop step. Pressure buildup in the sleeve can also cause the lamp plug to disengage from the stop step. An ejection of a lamp can result in UV exposure, UV damage to the sleeve bolt, and possibly severe bodily injury or death.

Figure 1 – Original Sleeve Bolt

RESOLUTION

The current production design has a stop step as well as a threaded nut (figure 2) which seals in the lamp plug. When properly installed and in good working condition, if a sleeve breakage occurs the threaded nut ensures a seal for up to the design pressure of the reactor. Sleeve bolts should be inspected for improper functionality, cracks, deformities or defects whenever the reactor cover is removed or every 6 months. If any of the above items are found, replacement sleeve bolts should be installed.

Figure 2 – Current Sleeve Bolt



PN 316148 **PN 793859** **PN 794964**

Trojan requires the immediate replacement of all sleeve bolts on your unit. Please contact your Trojan Certified Service provider or a Trojan Service associate to arrange replacement parts be sent to your facility free of charge.

When performing maintenance on any reactor, be sure to follow all applicable safety practices such as wearing personal protective equipment, locking out and tagging sources of energy and depressurizing vessels before performing any service. Always consult the equipment O&M manual before beginning work. When reactors are pressurized, never cross in front of the lamp end plate as an added precaution. Failure to follow these precautions could result in serious bodily injury or death.

ASSISTANCE

If you require technical assistance or have any questions on this bulletin, please contact the Technical Assistance Centre:
tac@trojanuv.com or call 1-866-388-0488.
Outside of North America please call 1-519-457-2318.

Please insert this bulletin into your Trojan Product Operation and Maintenance (O&M) manual