

PRODUCT: VL3500 Wash and VL3500 Wash FX Luminaires


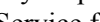
SUBJECT: Front Lens Assembly Inspection and Captive Mounting Screw Torque Specifications

OVERVIEW

Vari-Lite would like to remind all owners, Authorized Dealers, and Service Centers to inspect, as part of their normal maintenance routine, the front lens assemblies in all VL3500™ Wash and VL3500™ Wash FX luminaires for proper installation and captive mounting screw torque as described herein.

If you have any questions as to any aspect of this Technical Notice, please contact Vari-Lite customer service at 1-877-VARILITE or +1-214-647-7880.

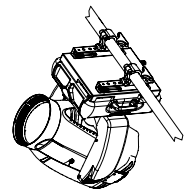


WARNING: Any repairs or maintenance to VARI*LITE® luminaires should only be performed by a trained and qualified service technician or at an Authorized VARI*LITE® Service facility.

VL3500 WASH AND VL3500 WASH FX FRONT LENS INSTALLATION INSPECTION



CAUTION: The luminaire head is a precisely balanced unit. The weight of the front lens assembly is counter-balanced inside the head. Removal of the front lens assembly can result in instantaneous uncontrolled head movement. To avoid uncontrolled movement when the luminaire is sitting on upper enclosure, point the head straight up. To avoid uncontrolled movement when the luminaire is hanging, point the head up at an angle until it rests against the tilt stops as shown.



- Make sure the lens is properly positioned and installed according to the luminaire's user's and service manuals.
- When installing the front lens (all versions) assembly (as shown in **Figure 1**), the captive screws in the assembly should be properly positioned in their corresponding mounting holes and torqued to **24 in-lbs (2.71 N-m)**.



WARNING: Torquing the captive mounting screws greater than 24 in-lbs (2.71 N-m) can result in damaging the screws, or the threaded inserts in the side rails, and could cause them to fail.

- Any damaged captive mounting screw (refer to service manual for part numbers) must be replaced with the specified screw. Do not use another type of screw.
- Special care should be given when using an electric or automated screwdriver. Be careful not to cross-thread or over torque the screws.



Lens is heavy. Horizontal orientation shown for clarity. If lens is removed as shown, head assembly will instantaneously rotate to face upwards. See Caution on [page 1](#) of this notice.

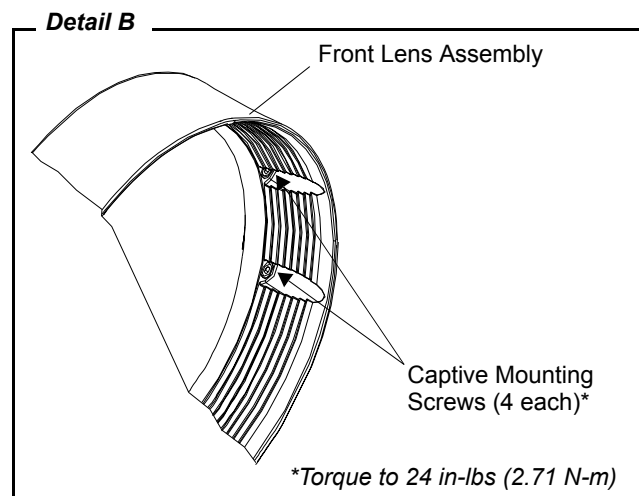
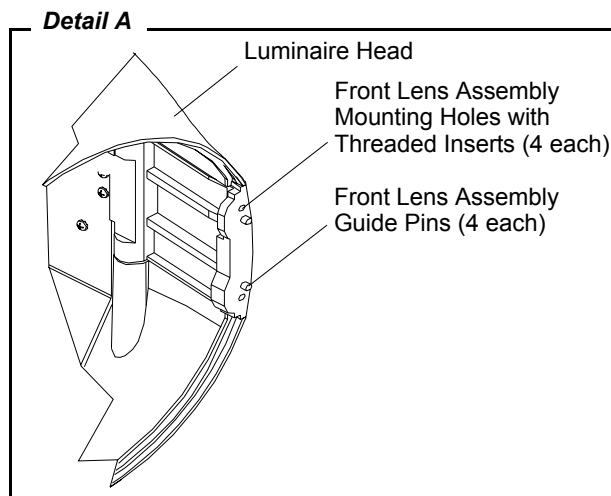
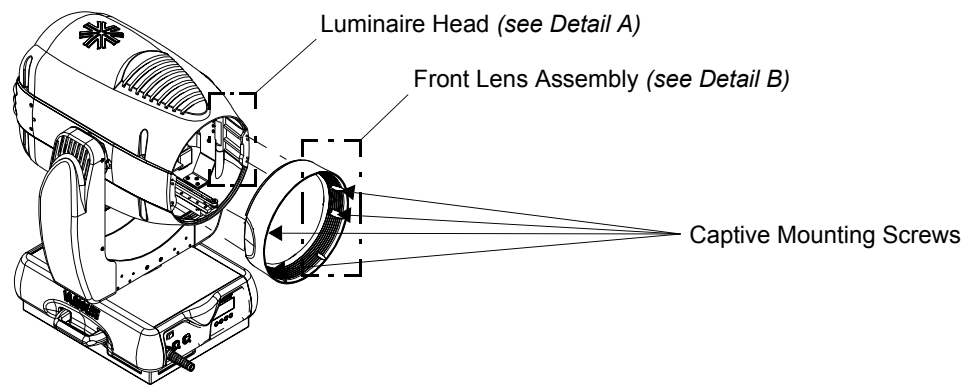




Figure 1: Front Lens Assembly and Captive Mounting Screws

- Refer to the latest version of the VL3500™ Wash and VL3500™ Wash FX Service Manual for front lens removal and installation procedure.
- Clean and fingerprints on lenses with isopropyl alcohol and a lint-free cloth.

CONTACT INFORMATION

For more information on this technical notice or on VARI*LITE® products, please contact your Authorized VARI*LITE® Dealer or Vari-Lite customer service.