ELLIOTT
A STELLAR COMPANY

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ElliottEquip.com

TB – 10302026 - 01

SERVICE BULLETIN / FIELD ADVISORY — Initial Guidance

Subject: E-Series, D86, D105, D115, and all Boom Truck Telescopic Extension Cylinder Mounting Bolt Inspection and Torque Verification
Date Issued: October 30, 2026
Affected Models: E-Series, D86, D105, D115, and all Boom Truck Cranes

PURPOSE

Elliott Equipment Company is requesting an inspection and torque verification of the telescope cylinder mounting bolts on E-Series Aerials, D86, D105 and D115 Digger Derricks, and all Boom Truck Cranes.
The purpose of this inspection is to identify loose, damaged, broken, or missing mounting hardware and verify that the telescope cylinder mounting bolts are properly secured.

INSPECTION REQUIREMENTS

The telescope cylinder mounting hardware consists of two shoulder bolts and two washers. Due to the design of these fasteners, some movement of the washers may be present even when the mounting bolts are properly torqued.
Washer movement or rotation alone is not an indication of a loose mounting bolt and should not be used to determine whether the fasteners are properly secured.
A visual inspection and torque verification are required.

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EQUIPMENT PREPARATION

1. Position the equipment on a firm, level surface, free of overhead obstructions.
2. Fully retract the boom and lower it into the boom rest.
3. Shut down the engine, remove the ignition key, and secure the equipment against unintended operation.
4. Locate the telescope cylinder mounting bolts and associated washers. Refer to Figure 1 for an example of the mounting arrangement.

INSPECTION AND TORQUE VERIFICATION PROCEDURE

1. Visually inspect both telescope cylinder mounting bolts and their associated washers for signs of damage, broken fasteners, missing components, or abnormal displacement.
2. If either mounting bolt or washer is damaged, broken, missing, or otherwise suspect, replace both mounting bolts and their associated washers with new Elliott-approved hardware following the FASTENER INSTALLATION instructions shown in the following section.
3. If no damage is observed, remove both mounting bolts and their associated washers. Clean the bolt threads and inspect all hardware for signs of damage or deterioration. If the removed hardware show no signs of damage or deterioration, reinstall the original mounting bolts and washers following the FASTENER INSTALLATION instructions below.
4. If damage or questionable conditions are discovered during removal or cleaning, replace both mounting bolts and associated washers with new Elliott-approved hardware.
5. Upon completion of the inspection and installation, document the results.

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FASTENER INSTALLATION

Whether reinstalling the original hardware or installing replacement hardware, follow the installation instructions below:

1. Remove all oil and existing thread locking compound from the bolt threads using brake cleaner or a similar solvent, then dry thoroughly with a clean cloth.
2. Apply Loctite Blue 242 thread locker to the leading threads of each mounting bolt, ensuring adequate coverage of the threaded area.
3. Install the mounting bolts and washers and torque to 96 lb.-ft.
4. After installing or reinstalling the mounting hardware and torquing both bolts to 96 lb.-ft, apply a visible paint mark to each bolt head at the 12 o'clock position, as illustrated in Figure 2.

Original mounting bolts and washers may be reused provided they meet the torque verification requirements and show no signs of damage or deterioration.
Use only Elliott-approved replacement hardware when replacement is necessary.

IMPORTANT

The telescope cylinder mounting bolts are critical fasteners. Any evidence of damaged, broken, missing, or improperly secured mounting hardware must be addressed before the equipment is returned to service.
Washer rotation is not an acceptable method of verifying mounting bolt torque.
All mounting bolts that pass inspection must be removed, cleaned, treated with fresh Loctite 242, reinstalled, and torqued to specification before the equipment is returned to service.

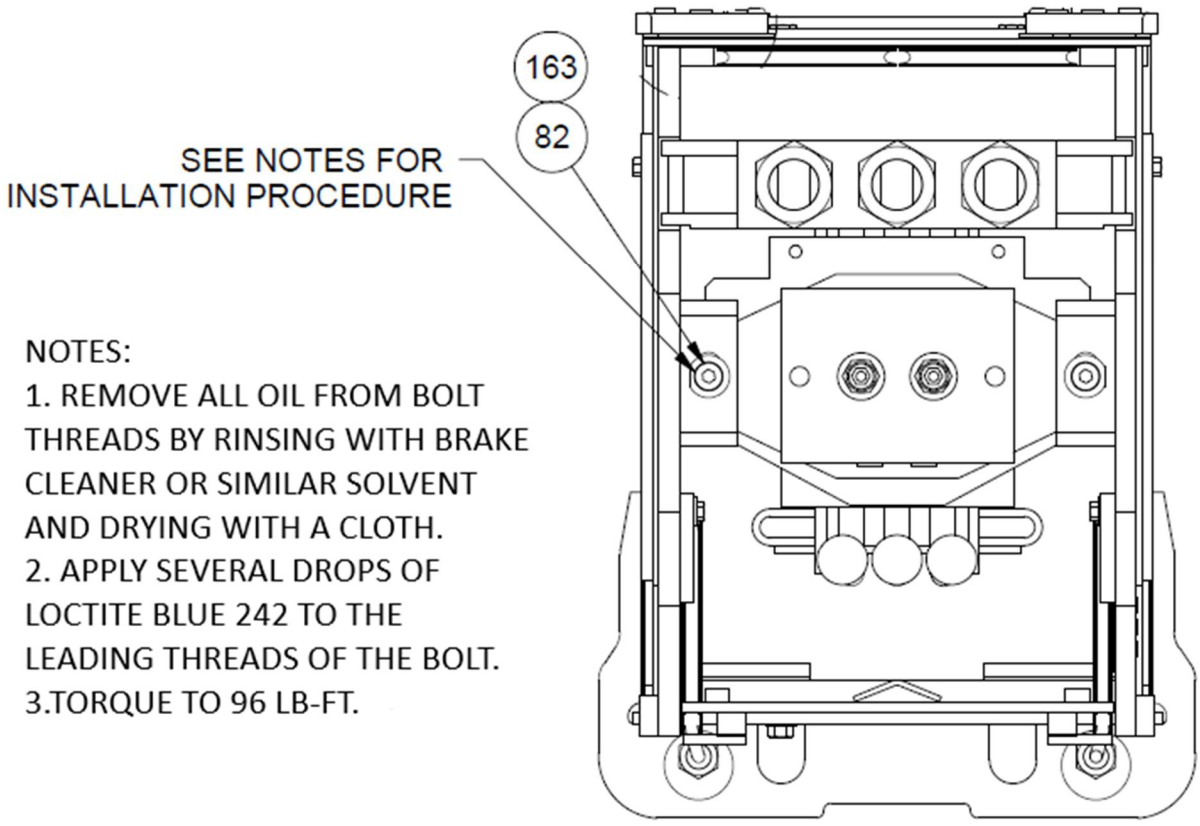
TECHNICAL SUPPORT

For questions regarding the inspection procedure, replacement hardware, or corrective action, contact Elliott Equipment Company After Sales Support at 531.772.0829 or support@elliottequip.com.

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Figure 1:



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Figure 2:

