



Terex Utilities

PRODUCT NOTICE

PN694

DATE: 4/9/2021

REVISED:

TO: Owners, Users, Dealers, and Installers

MODELS AFFECTED: TL80, TL80/112, TL100

SUBJECT: Rotation Gearbox Bolt Torque

Issue:

Terex Transmission TL models TL80, TL80/112, and TL100 aerial devices, produced from March 2019 through February 2021, have rotation gearbox bolts that may loosen during use. If the rotation gearbox bolts loosen, the backlash of the gearbox pinion to rotation bearing increases, causing excessive wear or damage. **Failure to maintain the backlash may result in damage to the rotation system.**

Action:

What the Owner Must Do:

1. Inform all users, operators, and supervisors that the rotation gearbox bolts must be visually inspected daily as instructed in the Operator's Manual.
2. At the next service interval, increase the torque on the rotation gearbox bolts to 230 ft-lbs. This applies to all TL80, TL80/112, and TL100 units.

Continued Use:

All machine users and operators must be notified of the following requirements for continued use of affected machines:

1. The affected machines may remain in service, until the next scheduled service interval, provided the daily visual inspection does not show any loose fasteners and the rotation system functions properly.
2. At the next service interval, increase the torque on the rotation gearbox bolts to 230 ft-lbs. This applies to all TL80, TL80/112, and TL100 units.
3. Always follow inspection and maintenance requirements as specified in the manuals.

What Terex will Do:

Terex will provide Field Service Kit Z1622 (instructional drawing and replacement manual pages) with the owner letter, for units built prior to March 2021. The rotation gearbox bolts are critical fasteners and must have the torque checked during the annual inspection per the instructions in the Maintenance Manual.

If you have any questions, contact Terex Utilities; through your nearest TEREX Utilities dealer as shown on the web site, terexutilities.com, call Terex Utilities Warranty Department at 1-844-837-3948 or by email at utilities.warranty@terex.com. If you have sold the unit involved in this bulletin forward this bulletin to the new owner within 10 days and notify Terex of the serial number and contact information for the new owner.

Dealers and Installers: A letter is being sent to owners of affected units. Only Terex TL80, TL80/112, and TL100 models are involved. If the owner contacts you with questions, call TEREX Utilities Warranty Department at 1-844-837-3948 for Field Service Kit Z1622 instructional drawing and replacement manual pages.

Important: Some of the involved units may be in rental fleets. Terex requires you to complete the service on these units before renting, or to inform the renters within 10 days of receipt of this bulletin.

Terex and local industry standards (CSA and ANSI) requires that the purchaser of a Terex unit report to Terex the model and serial number of each machine sold, as well as the name, address, and telephone number of the new owner, within 60 days of the sale. Use the Owner Update Form in the manual to update the owner status of any of your machines. Terex also asks the seller to provide the new owner information so if you require additional copies of the Owner Update Form or have any questions, please contact TEREX Utilities Warranty Department at 1-844-837-3948 or utilities.warranty@terex.com.