



TEREX®

Product Advisory

PA654

DATE: 11/1/17

REVISED:

TO: Owners, Users, Dealers, and Installers

Models Affected: Aerials and digger derricks mounted on track vehicles

SUBJECT: Water in sub-frame structure

Issue:

The deck plates on track vehicles have deformed due to water in the subframe freezing. Sub-frame structures on track vehicles have filled with water through various intrusion points. Loose or missing deck screws allow water to enter if precipitation accumulates on the deck or the deck is submerged. If water enters and then freezes, the expansion may deform the sidewalls of the sub-frame tubes. **Excessive deformation of the sub-frame tubes will cause the deck plates to deflect upward.**

Action:

What the Owner Must Do:

1. At the next inspection and maintenance interval, verify all deck screws are in place and tight and inspect all sub-frame tubes for any deformation..
 - a. If not deformed replace or tighten any loose or missing deck screws or other attachments to the sub-frame tube structure.
 - b. If deformed contact your local Terex authorized dealer for information on how to repair.
2. If not deformed and the unit will be subject to freezing conditions, Terex recommends adding drain holes following instructions on Z1448 to prevent water accumulation or to remove any which may have already entered. Contact your Terex authorized dealer for further information.
3. Operate the vehicle as instructed by the track manufacturer, do not submerge the track vehicle above the manufactures fording depth.

Always follow all inspection and maintenance requirements as specified in the manuals.

What Terex will Do:

Terex can provide instructions to add drain holes to prevent water accumulation in the sub-frame (Z1448). If the sub-frame tubes have experienced freezing water and expanded, instructions can be provided to straighten.



Dealers and Installers: A letter is being sent to owners of track vehicles. If an owner contacts you about this bulletin call Terex Utilities Service at 1-800-982-8975 for further instructions.

Important: Some of the involved units may be in rental fleets. Complete the inspection and service, if required, on these units before renting. Inform the renters if they are operating in freezing weather.

Terex and local industry standards (e.g. ANSI, CSA) 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, OSHA and local industry standards require that the manufacturer's bulletins be completed. It is your responsibility to communicate this important information to all machine owners and applicable branches. If you require additional copies of this or have any questions, please contact TEREX Utilities at 1-800-982-8975.