

TEREX Utilities**SAFETY NOTICE****SN-601-13**DATE: *Mm dd, yy*

REVISED:

TO: Owners, Users, Dealers, and Installers

Models Affected: TC, RM, OM-DHL, XM Aerials with Controls below Rotation

SUBJECT: *15 Port Collector used on Aerials***Issue:**

TEREX Utilities has received reports of a seal land on the 15 port hydraulic rotary manifold failing after several years of operation, when operating the Aerial Device. The failure of a seal land will allow oil to flow to the adjacent port and may pressurize that function causing movement. **If fluid pressurizes an adjacent port it can result in unexpected movement of the boom and platform.**

Action:

This bulletin only applies to Aerial Devices with lower controls located below rotation which utilize the 15 port collector, P/N 72889 or 494311. The owner or user must immediately perform the following test of the unit.

1. Determine if the hydraulic system is an open or closed center unit:
 - Closed center units – An electric palm switch must be held to operate the lower controls.
 - Open center units – A selector lever in the lower control valve is used to select between operation of the upper or lower controls.



Typical Closed Center Lower Controls
With Enable button



Typical Open Center Lower Controls
With Selector Lever

2. Test:

- Closed center units – From the lower controls raise both booms out of the stowed position and with the Upper Control Selector in the “ON” position and no functions activated press and hold the lower control palm button for 1 minute. Check for any boom movement. **Remove machine from service if any movement**

occurs. Contact your nearest Terex Utilities dealer to arrange repairs before further use.

- Open center units – Have the Upper Control selector at the lower controls in the lower control position. While the booms are in the stored position and with no tool connected to the tool couplers at the boom tip turn the tool ON. Raise both booms out of the cradle clear of all obstructions using the lower controls. Move the Upper Control selector at the lower controls to the upper controls for 10 seconds without moving any other levers. Check for any boom movement.
Remove machine from service if any movement occurs. Contact your nearest Terex Utilities dealer to arrange repairs before further use.
Stow booms and return tool control to off before use.

3. If there is no movement of the booms, unless a function control lever is also moved, you may continue to operate the unit; provided the test described above is performed daily.
 - * Contact your nearest Terex Utilities dealer or Terex Utilities (item 5 below) to arrange repairs within 30 days of receipt of this bulletin.
4. Place a copy of this bulletin in the Operators Manual in the vehicle for reference until the bulletin is complete.
5. Contact TEREX Utilities at 605-884-3892 or email machine serial number and name of person to contact to utilities.warranty@terex.com to arrange repair with the nearest service personnel.

Each unit will be evaluated by Terex Utilities and the hydraulic ports in the collector adjusted depending on the configuration and options by each serial number.

Dealers and Installers: A letter is being sent to owners of affected units. If affected units are in your area TU will contact you to arrange the repairs.

Only Aerial devices with the 15 port hydraulic rotary manifold are affected, no Digger Derricks are involved. The affected Aerials will have controls below rotation, such as lift units. If the owner contacts you call TEREX Utilities at 605-884-3892 for instructions. Each unit will have a solution depending on the configuration and options by serial number.

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

Affected units, as shown on the owner letter, will have the repairs performed at no charge to the owner.

Note to Owners: If the manufacturer or their dealer has failed or is unable to remedy the defect/noncompliance condition without charge or within a reasonable amount of time you can notify:

Administrator
National Highway Traffic Safety Administration
1200 New Jersey Avenue, SE, West Building,
Washington, DC 20590

Or call the toll-free DOT auto Safety Hotline at 1-888-327-4236

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