

# Safety Notice

# SN-614-14

DATE: 12/19/14

REVISED:

TO: Owners, Users, Dealers, and Installers

Models Affected: HR, HRX, TC, TCX, OM, TLM, Units with side mount rotating platform

SUBJECT: Platform rotate cylinder

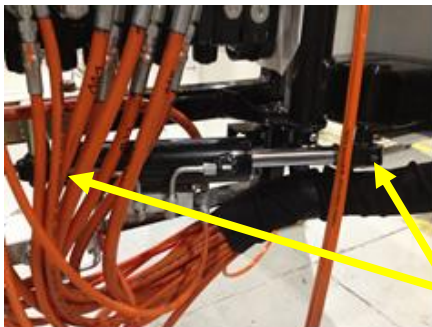
## Issue:

Terex has become aware that some aerial devices manufactured from July 12, 2013 through December 26, 2013 left the factory with the platform rotate cylinder bearing (e.g. ball bushing), which attaches the cylinder to the platform brackets, improperly assembled. Terex has received some reports of the cylinder slipping off the bearing and separating from the platform brackets. **If the cylinder separates from the platform brackets the operator will not have control of the platform rotate and the platform can rotate unexpectedly .**

## Action:

### What the Owner must Do:

1. Immediately inspect the platform rotation cylinder ball bushings at the boom tip on all affected machines. Verify that the ball bushing outer race is centered in the cylinder rod and base ends. The base end will be flush and the rod end will be recessed .13 inch on each side as shown in the pictures below.



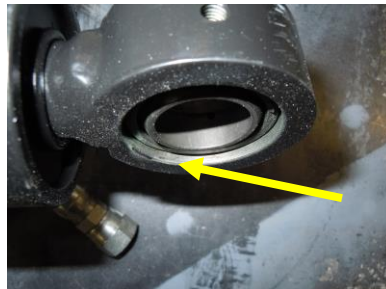
Cylinder with covers removed.



Location at boom tip behind cover



Base end - bearing outer race flush



Rod end - recessed .13 inch each side

2. If the ball bushing is not centered in the cylinder rod or base ends, or the ball bushing is loose in either the cylinder rod or base ends and has moved so that the ball bushing are not in the positions shown above do not operate the unit, take it out of service immediately. Contact your local Terex dealer or TEREX Utilities at 605-882-4000 or email machine information to [utilities.warranty@terex.com](mailto:utilities.warranty@terex.com) to arrange repair before further use.
3. Destroy the affected cylinder once the new cylinder has been installed.

### **Continued Use**

Owners may continue to use Aerial units which were manufactured in the affected date range, July 12, 2013 through December 26, 2013, if ball bushing is centered as shown in the pictures above, and there is no movement of the ball bushing in the cylinder rod eye or base. The cylinder must be inspected daily until repairs can be made. Contact your local Terex dealer or TEREX Utilities at 605-882-4000 or email machine information to [utilities.warranty@terex.com](mailto:utilities.warranty@terex.com) to schedule an appointment for repairs within 30 days.

### **What Terex will do:**

Because Terex Utilities is very concerned with operator safety please respond to this bulletin so Terex can repair all platform cylinders which may contain the improperly assembled ball bushings.

**Dealers and Installers:** A letter is being sent to owners of affected units. If an owner contacts you about this bulletin; contact TEREX Utilities, at 605-882-4000, for further instructions. The owner may continue to operate the affected units provided they inspect the platform rotation cylinder ball bushings at the boom tip as shown daily until repair can be scheduled and performed.

**Important:** Some of the involved units may be in rental fleets. You are required to complete the recall service on these units before renting, and to inform the renters of affected units within 10 days of receipt of this bulletin.

**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