



Terex Utilities

SAFETY NOTICE

SN-619

DATE: 10/6/15

REVISED:

TO: Owners, Users, Dealers, and Installers

Models Affected: C4000, C5000, C6000, and General Digger Derricks, RMX and TM Aerials

SUBJECT: *Vertical Outrigger Cylinders*

Issue:

Terex Utilities has become aware of chattering in the pilot check valves in certain vertical outrigger cylinders used on vehicles built from June 3, 2009 to November 13, 2014 which may cause premature wear on the valve seating area or damage to the valve body. This premature wear and damage will cause the outrigger cylinder to drift during operation. **If the outrigger drifts during use it can result in the machine overturning.**

Action:

This Safety Notice requires the following:

Contact Terex Utilities within 30 days to arrange for a technician to inspect the cylinder cartridge valve and orifice fitting to verify it is not subject to leakage.

Contact Terex Utilities; through your nearest TEREX Utilities dealer as shown on the web site, terexutilities.com, call Terex Utilities Service Department at 1-800-982-8975 or email the machine information and your contact information to utilities.warranty@terex.com to arrange for inspection and repair, if needed, within 30 days of receiving this bulletin.

Continued Use:

All machine users and operators must be notified of these continued use requirements.

The affected models may remain in service if the Outrigger Cylinder Drift Test described in this Safety Notice is performed daily and no drifting is observed.

1. Before further use, inspect the outrigger by performing an Outrigger Cylinder Drift Test as described in the attached appendix.
2. If any outrigger shows signs of drifting, immediately remove the machine from service and call the Terex Utilities Service Department at 1-800-982-8975.

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

If the owner contacts you, call TEREX Utilities Service Department at 1-800-982-8975 for instructions and to arrange shipment of parts and instructions, if needed. The fitting with the orifice in place and a new 429091 check valve will be provided. An inspection form must be filled out and returned to Terex Utilities for each unit even if the outriggers have the proper fittings.

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 renter within 10 days of receipt of this bulletin.

Affected units, as shown on the owner letter, will have the orifice fitting and check valves installed 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

APPENDIX

OUTRIGGER CYLINDER DRIFT TEST

1. Do not place any load in the platform
2. Place the hydraulic system in operation.
3. Place the outriggers firmly on the ground.
4. Aerial Devices
 - a. Unfold the lower boom approximately 15 degrees from horizontal
 - b. Unfold upper boom fully, placing it directly over the outrigger to be tested
5. Digger Derricks
 - a. Unfold and fully extend the boom approximately 15 degrees from horizontal and place it directly over the outrigger to be tested
6. If the outrigger cylinder drifts (i.e. creeps in or retracts), follow the information in the bulletin and contact Terex Utilities.