



September 27, 2016

'owner'

'address1'

'city', 'state' 'zip'

Dear Hi Ranger Owner,

REASON FOR NOTICE

Terex has become aware that some installers have installed XT Pro units, from July 17, 2014 through December 30, 2015, with non-sealed electric switches external to the cab for outriggers, unit select and chipbox circuits. These switches are not suitable for exterior applications where they can be exposed to water as it can cause a short circuit. **A short circuit in the switch(s) can result in the outriggers extending, or the chip box to raise (if equipped), unintentionally only under the following conditions:**

- Outrigger Extending
 - The outrigger switch has short circuited
 - The PTO switch is on
 - The selector switch is in not in "unit" mode.
 - The parking brake is set.
- Rising Chip box
 - Both the "Box Enable" and "Box Dump" switches have to short circuit
 - The PTO switch is on
 - The parking brake is set

WHAT TEREX UTILITIES WILL DO

Because Terex Utilities wants your product to perform as you would expect please respond to this bulletin so Terex can repair all affected units. Terex will replace the non-sealed switches and harnesses with new sealed switches and harnesses at no charge.

WHAT YOU SHOULD DO

Immediately inspect the switches shown and instructed on the attached bulletin PN637. If non-sealed switches are present follow continued use instructions below. Within 60 days from receiving this notice contact your local Terex Utilities dealer, or contact the Terex Utilities Service Department at 1-800-982-8975, or email the machine information to utilities.warranty@terex.com, to schedule an appointment to have repairs performed.

CONTINUED USE:

Always follow all maintenance and inspection requirements as specified in the manuals. All machine users and operators should be notified of these continued use requirements. If non-sealed switches are installed on the unit you may continue to use the unit, until repairs are made, provided:

1. As soon as the unit is leveled with the outriggers, move the selector switch to the "UNIT" position. Keep the switch in this position anytime the boom is elevated or occupied.
2. Turn the master switch for the PTO off any time the unit is not in use, including during breaks and travel. Do not depend on the parking brake interlock to disable the system.
3. Avoid exposing these switches to water.
4. If the chip box attempts to move, remove the connectors from the chip box valve solenoids. Reconnect when its required to dump chips.

Terex South Dakota, Inc.
500 Oakwood Road
Watertown, SD 57201 USA
(605) 882-4000 • Fax (605) 882-1842

If you have any questions you can find your nearest dealer at this web site;
<http://www.terex.com/utilities/en/products/dealer-locator/index.htm>.

If you take your unit to your dealer on the agreed service date and they do not remedy this condition on that date or within three (3) working days of scheduled appointment, we recommend you contact Terex Utilities Warranty department by calling 1-800-982-8975

If you have sold or retired the unit please let us know by contacting the Terex Utilities Warranty department at 1-800-982-8975 or send the serial number and new owner contact information to utilities.warranty@terex.com. Forward this Notice to the new owner within 10 days of receipt of this letter.

If you have leased this vehicle to another person, forward a copy of this notice to the lessee within ten days of your receipt of this notice.

Thank you for your immediate attention on this important matter,

Jeff Hegstrom
Product Support Manager

Our records indicate the following machines registered to you are involved in PN637.

| Model | Serial Number |
|---------|-----------------|
| 'model' | 'Serial number' |

Product Notice

PN 637

DATE: 9/8/16

REVISED:

TO: Owners, Users, Dealers, and Installers

Models Affected: XT Pro

SUBJECT: *Non-sealed Outrigger Switches*

Issue:

Terex has become aware that some installers have installed XT Pro units, from July 17, 2014 through December 30, 2015, with non-sealed electric switches external to the cab for outriggers, unit select and chipbox circuits. These switches are not suitable for exterior applications where they can be exposed to water as it can cause a short circuit. **A short circuit in the switch(s) can result in the outriggers extending, or the chip box to raise (if equipped), unintentionally only under the following conditions:**

- Outrigger Extending
 - The outrigger switch has short circuited
 - The PTO switch is on
 - The selector switch is in not in “unit” mode.
 - The parking brake is set.
- Rising Chipbox
 - Both the “Box Enable” and “Box Dump” switches have to short circuit
 - The PTO switch is on
 - The parking brake is set

Action:

Immediately inspect the outrigger switches to determine if they are subject to this notice.

1. Non-sealed switches, as shown in figure 1 and figure 2, require replacing.



Figure 1 - Face side



Figure 2 – Connector side

2. If this style switch is present contact your local Terex dealer or Terex Utilities Service Department at 1-800-982-8975 or email machine information to utilities.warranty@terex.com to schedule an appointment for repair .
3. Terex Utilities recommends you perform this action within 60 days from receipt of this bulletin
4. Sealed switches, as shown in figure 3 and figure 4, do not require further action.



Figure 3 – Face side



Figure 4 – Connector side

Continued Use:

Always follow all maintenance and inspection requirements as specified in the manuals. All machine users and operators should be notified of these continued use requirements. If non-sealed switches are installed on the unit you may continue to use the unit, until repairs are made, provided:

1. As soon as the unit is leveled with the outriggers, move the selector switch to the “UNIT” position. Keep the switch in this position anytime the boom is elevated or occupied.
2. Turn the master switch for the PTO off any time the unit is not in use, including during breaks and travel. Do not depend on the parking brake interlock to disable the system.
3. Avoid exposing these switches to water.
4. If the chip box attempts to move, remove the connectors from the chip box valve solenoids as shown in figure 5. Reconnect when its required to dump chips.

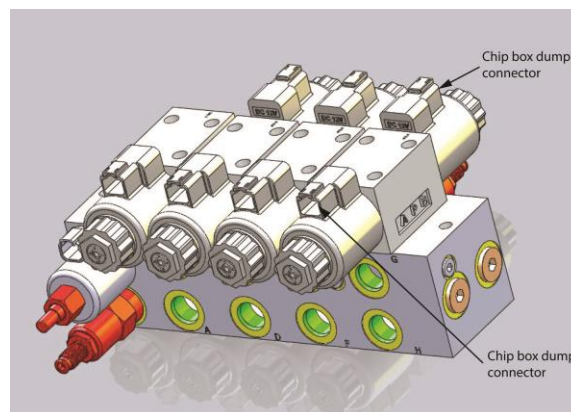


Figure 5 – Chip Box Solenoid Connectors

What Terex will do:

Because Terex Utilities wants your product to perform as you would expect please respond to this bulletin so Terex can repair all affected units. Terex will replace the non-sealed switches and harnesses with new sealed switches and harnesses at no charge.

Dealers and Installers: A letter is being sent to owners of affected units. If an owner contacts you about this bulletin contact Terex Utilities Service Department at 1-800-982-8975, for further instructions. You will be sent a form to complete for reimbursement. The repair will take less than 3 hours to complete.

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