

April 13, 2022

'owner'
'address1'
'city', 'state' 'zip'

IMPORTANT SAFETY RECALL 22V-138 This notice applies to your vehicle

Dear Terex Equipment Owner,

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

REASON FOR NOTICE

Bulletin SN708 is for Terex model 2016-2021 OM, TCX, and Optima HRX dual platform aerial devices, produced from June 2016 through November 2021, that may have Emergency STOP controls that fail to stop all functions at the upper controls. The Emergency STOP controls will stop the function of the controls at its respective control station but may not stop the function of the controls in the other control station. Failure to correct the operation of the Emergency STOP controls may result in the inability to stop inadvertent machine movement, increasing the risk of injury.

WHAT TEREX WILL DO

Terex will provide Field Service Kit Z1648 or Z1649 for installation on your unit at no cost to the owner. Field Service Kit Z1648 will add a Stop/Start plunger to the passenger's control station and will add Emergency STOP placards to both upper control stations. Field Service Kit Z1649 will add Emergency STOP placards to both upper control stations and is intended for machines that are already equipped with Engine Stop/Start plungers at both upper control stations.

Contact Terex Utilities; through your nearest TEREX Utilities dealer as shown on the web site, terexutilities.com, call Terex Utilities Warranty Department at 1-844-837-3948 or by email at utilities.warranty@terex.com with any questions. If you have sold the unit involved in this bulletin forward this bulletin to the new owner within 10 days and notify Terex of the serial number and contact information for the new owner.

WHAT THE OWNER MUST DO

The owner must inspect their equipment and correct if required.

- 1. Immediately inform all users, operators, and supervisors that the operation of the Emergency STOP must be inspected from both platforms within 10 days of receiving this bulletin. This bulletin only applies to OM, TCX, and Optima HRX models with dual platforms.
- 2. Inspect the operation of the Emergency STOP control from both platforms. If the Emergency STOP is activated in either platform, the boom controls should not operate from either platform.
- 3. If activation of either Emergency STOP control allows boom operation from either platform, this bulletin applies.
 - a. If your machine is equipped with Engine Stop/Start only at one platform control station, contact Terex using one of the contact methods listed in the "What Terex will Do" section within 10 days of receiving this bulletin to arrange for installation of Field Service Kit Z1648. See the continued use section for further instructions until Field Service Kit Z1648 is installed.
 - b. If your machine is equipped with Engine Stop/Start at both platform control stations, refer to the Field Service Kit Z1649 instructional drawing to install Emergency STOP placards at the upper control stations and for Emergency STOP validation. After completing the placard installation and Emergency STOP validation, complete the enclosed Completion Form and return it to Terex. Once this is complete, the unit can be used following all operator, maintenance, and inspection requirements as specified in the manuals.

4. If activation of either Emergency STOP control prevents boom operation from both platforms, this bulletin does not apply. The unit can be used following all operator, maintenance, and inspection requirements as specified in the manuals.

CONTINUED USE

- Inform the users of the content of this bulletin and remind them of the daily pre-shift inspection requirements.
- 2. If the Emergency STOP control does not stop all boom functions, utilize one of the following procedures to stop all boom functions:
 - a. Activate the Emergency STOP control in both platforms or press the Engine Stop/Start plunger at either platform control (if equipped).
 - b. At the lower control station, move the selector to Lower or Emergency STOP.
 - c. At the rear of the chassis, press the Emergency STOP button or move the selector to the outrigger position; if safe to do so, if in contact with the ground.
- 3. Always follow inspection and maintenance requirements as specified in the manuals.

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 1-844-837-3948.

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 (TTY: 1-800-424-9153; or go to http://www.safercar.gov.)

If you have had your unit repaired for this issue prior to receipt of this notice, you may be eligible for reimbursement. For more information, please contact Terex Utilities at the above contact information.

If you have sold or retired the unit please let us know by contacting the Terex Utilities Warranty department at 1-844-837-3948 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 SN708.

Model	Serial Number
'model'	'Serial number'



Terex Utilities SAFETY NOTICE SN708

DATE: 3/3/2022 REVISED:

TO: Owners, Users, Dealers, and Installers

MODELS AFFECTED: OM, TCX, & Optima HRX

SUBJECT: Dual Platform Emergency STOP

Issue:

Terex model OM, TCX, and Optima HRX dual platform aerial devices, produced from June 2016 through November 2021, may have Emergency STOP controls that fail to stop all functions at the upper controls. The Emergency STOP controls will stop the function of the controls at its respective control station but may not stop the function of the controls in the other control station. **Failure to correct the operation of the Emergency STOP controls may result in the inability to stop inadvertent machine movement.**

Action:

What the Owner Must Do:

The owner must inspect their equipment and correct if required.

- 1. Immediately inform all users, operators, and supervisors that the operation of the Emergency STOP must be inspected from both platforms within 10 days of receiving this bulletin. This bulletin only applies to OM, TCX, and Optima HRX models with dual platforms.
- 2. Inspect the operation of the Emergency STOP control from both platforms. If the Emergency STOP is activated in either platform, the boom controls should not operate from either platform.
- 3. If activation of either Emergency STOP control allows boom operation from either platform, this bulletin applies.
 - a. If your machine is equipped with Engine Stop/Start only at one platform control station, contact Terex using one of the contact methods listed in the "What Terex will Do" section within 10 days of receiving this bulletin to arrange for installation of Field Service Kit Z1648. See the continued use section for further instructions until Field Service Kit Z1648 is installed.
 - b. If your machine is equipped with Engine Stop/Start at both platform control stations, refer to the Field Service Kit Z1649 instructional drawing to install Emergency STOP placards at the upper control stations and for Emergency STOP validation. After completing the placard installation and Emergency STOP validation, complete the enclosed Completion Form and return it to Terex. Once this is complete, the unit can be used following all operator, maintenance, and inspection requirements as specified in the manuals.
- 4. If activation of either Emergency STOP control prevents boom operation from both platforms, this bulletin does not apply. The unit can be used following all operator, maintenance, and inspection requirements as specified in the manuals.

Continued Use:

 Inform the users of the content of this bulletin and remind them of the daily pre-shift inspection requirements.

- 2. If the Emergency STOP control does not stop all boom functions, utilize one of the following procedures to stop all boom functions:
 - a. Activate the Emergency STOP control in both platforms or press the Engine Stop/Start plunger at either platform control (if equipped).
 - b. At the lower control station, move the selector to Lower or Emergency STOP.
 - c. At the rear of the chassis, press the Emergency STOP button or move the selector to the outrigger position; if safe to do so, if in contact with the ground.
- 3. Always follow inspection and maintenance requirements as specified in the manuals.

What Terex will Do:

Terex will provide Field Service Kit Z1648 or Z1649 for installation on your unit at no cost to the owner. Field Service Kit Z1648 will add a Stop/Start plunger to the passenger's control station and will add Emergency STOP placards to both upper control stations. Field Service Kit Z1649 will add Emergency STOP placards to both upper control stations and is intended for machines that are already equipped with Engine Stop/Start plungers at both upper control stations.

Contact Terex Utilities; through your nearest TEREX Utilities dealer as shown on the web site, terexutilities.com, call Terex Utilities Warranty Department at 1-844-837-3948 or by email at utilities.warranty@terex.com with any questions. If you have sold the unit involved in this bulletin forward this bulletin to the new owner within 10 days and notify Terex of the serial number and contact information for the new owner.

Dealers and Installers: A letter is being sent to owners of affected units. If the owner contacts you, inform owners it will take approximately 3 hours to complete the repair if Field Service Kit Z1648 is required and 10 minutes to complete the repair if Field Service Kit Z1649 is required. Labor allowance is 3 hours to install Field Service Kit Z1648.

Only OM, TCX, and Optima HRX models will dual platforms are involved. If the owner contacts you call TEREX Utilities Warranty Department at 1-844-837-3948 with the serial number for instructions.

Affected units, as shown on the owner letter, will have the repairs performed at no charge to the owner. Free replacement is not mandatory for upgrades or improvements.

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.

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 (TTY: 1-800-424-9153; or go to http://www.safercar.gov.)

Terex and local industry standards (CSA and ANSI) 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 also asks the seller to provide the new owner information so if you require additional copies of the Owner Update Form or have any questions, please contact TEREX Utilities Warranty Department at 1-844-837-3948 or utilities.warranty@terex.com.

Terex, OSHA and local industry standards, also 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 bulletin or have any questions, please contact TEREX Utilities at 1-844-837-3948.

To register your Terex Utilities aerial device or digger derrick, click or navigate to the following link: https://www.terex.com/utilities/en/support/product-registration



Safety Notice 708

Utilities

Completion Form

OM, TCX, & Optima HRX Dual Platform Emergency Stop
TO AVOID DELAYS IN PROCESSING – PLEASE PRINT LEGIBLY

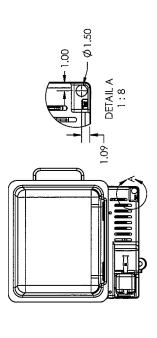
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UNIT INFORMATION (*REQUIRED) CHECK if new owner	
Customer Truck #	_
*Owner Name:	
Owner Phone Number:	_
*Address req'd if new owner	
*Truck VIN #	
*Unit Serial Number:(10 dig	its)
SERVICE PERFORMED BY (*REQUIRED)	
* Date of Repair / Inspection	
* Service Technician (ST) completing work:	
* ST Company Name: ST Location:	_
ST Contact Number:	
* CHECK ONLY ONE BOX TO VERIFY COMPLETION:	
Activation of the emergency stop control at either platform control star prevents boom operations from either platform. No further action is	
The Z1648 Field Service Kit for TCX model aerial (only) has been in the machine noted above and operates as directed by the applicable w instructions.	
The Z1649 Field Service Kit for OM & Optima HRX model aerials (obeen installed on the machine noted above and operates as directed by applicable work instructions.	
*Note: There is no labor allowance for an inspection onlyLabor allowance to install the Z1648 FSK is 3.0 hoursNo labor or travel allowance to install the Z1649 FSK.	
Work Order:	
Comments:	

	REV DESCRIPTION ECN DATE RPV BY A ORIGINAL 80617 01728/2022 CRR CRR CRR
LABEL INSTALLATION INSTRUCTIONS 1. INSTALL AN EMERGENCY STOP LABEL, ITEM 1, AT EACH STOP/START PLUNGER BOTH BOOM TIP CONTROL STATION AS SHOWN IN FIGURES 1 AND 2.	
	FIGURE 1. PASSENGER CONTROL DECAL INSTALLATION
1. START THE ENGINE, SET THE OUTRIGGERS, AND OPERATE THE UNIT ROM THE LOWER CONTRIGGERS, AND OPERATE THE UNIT ROM THE LOWER CONTROLS TO POSITION THE PLATFORM IN THE GOUND ACCESS POSITION. 2. OPERATE THE UNIT FROM THE UPPER CONTROLS. 3. PRESS THE EMERGENCY STOP PLUNGER AT THE OPERATOR CONTROL STATION SO THE TRUCK ENGINE STOPS.	FIGURE 2. OPERATOR CONTROL DECAL INSTALLATION
4. ALM PASSENGER CONTROL STATIONS ARE INOPERABLE. 5. PRESS AND HOLD EITHEN THE OPERATIOR OR PASSENGER. STOP/START PLUNGER UNTIL THE TRUCK ENGINE STARTS. 6. PRESS THE EMBRECHOY STOP PLUNGER AT THE PASSENGER. CONTROL STATION SO THE TRUCK ENGINE STOPS. 7. VERRIP THAT CONTROL EUNCTIONS AT BOTH THE OPERATOR AND PASSENGER CONTROL FOR TATIONS ARE INOPERABLE.	THEM PARTING THE PROPAGE WILLIAM CONTRICTION RESIDENCE CONTRICTION THE PROPAGE WILLIAM CONTRICTION RESIDENCE C
AND I ASSENDEN CONTINUE STATIONS AND INVOLUNDED.	100 to XXX look sales and the contraction of the co

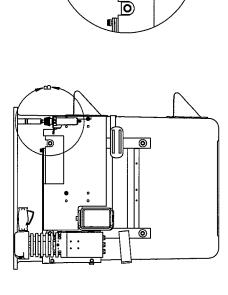
STOP/START PLUNGER INSTALLATION

1. REMOVE COVERS FROM CONTROL AREA OF PASSENGER BASKET.

2. REMOVE HOLE PLUG OR CUT Ø 1.50 HOLE IN DASH AS SHOWN IN DETAIL A



INSTALL THE STOP/START PLUNGER AS SHOWN IN DETAIL B. INSTALL THE CABLE TIE, ITEM 3 AROUND THE NEOPRENE BOOT, ITEM 7, TO SECURE THE BOOT TO THE FLANGE NUT, ITEM 4. က

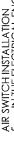


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COVERS AND CONTROL VALVE NOT SHOWN FOR CLARITY

CONNECT AN UNUSED EXISTING AIRLINE AT THE BOOM TIP TO THE AIRLINE FITTING, ITEM 6.

4,



AIR:

CRR

CRR

01/28/2022 DATE

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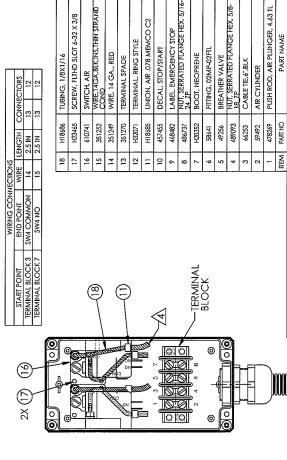
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DESCRIPTION ORIGINAL

REV ∢

- SWITCH INSTALLATION
 IN THE ELECTRICAL ENCLOSURE LOCATED ON THE TURNITABLE, VERIFY THERE IS AN UNUSED AIR
 SWITCH.
 IN THE ELECTRICAL ENCLOSURE LOCATED ON THE TURNITABLE, VERIFY THERE IS AN UNUSED AIRSWITCH, STAPL THERE IS NOT AN UNUSED AIRSWITCH, INSTALL THE AIR SWITCH, ITEM 16. USE ITEM 16 TO MARK THE MOUNTING LOCATION IN THE ELECTRICAL ENCLOSURE AND DRILL TWO CLEARANCE HOLES FOR THE MOUNTING SCREWS, ITEM 17.
 CUT THE TUBING, ITEM 18, TO A LENGTH ON 3" AND THEN INSTALL ON THE AIR SWITCH.
 INSTALL THE UNION PITTING, ITEM 11, ONTO THE REE END OF THE TUBING, ITEM 18, THAT IS INSTALLED ON THE AIR SWITCH. ٠. د
- 800

- LINE CONNECTION CONNECT THE OPPOSITE END OF THE AIRLINE CONNECTED TO THE NEWLY INSTALLED AIR PLUNGER TO THE UNION, ITEM 11. ₩.
 - 4 AIR LINE FROM PASSENGER STOP/START AIR PLUNGER
- CUT ELECTRICAL WIRES, ITEMS 14 AND 15, TO LENGTH AND ATTACH ENDS, ITEMS 12 AND 13, PER THE WIRING CONNECTIONS TABLE BELOW. ATTACH THE WIRES TO THE TERMINAL BLOCK AND SWITCH 4 PER THE WIRING CONNECTIONS TABLE. Ξ.



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DETAIL B 9:

REFERENCE REFERE

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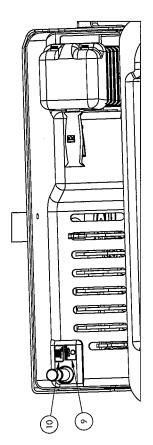
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9158737 SHEET 1 OF 2

MASS: LBS

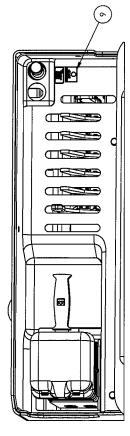
PART NAME. FSKINSTRUCTIONS
PRODUCT: AERIALS
MATERIAL:
DATE: 12/16/2021

DECAL INSTALLATION
12. INSTALL AN EMERGENCY STOP LABEL, ITEM 9,
AND STOP/START DECAL, ITEM 10, AT THE
NEWLY INSTALLED STOP/START PLUNGER AT THE
BOOM TIP AS SHOWN IN DETAIL C.



DETAIL C. PASSENGER CONTROL DECAL INSTALLATION

INSTALL AN EMERGENCY STOP LABEL, ITEM 9, AT THE EXISTING STOP/START PLUNGER AT THE PRIMARY BASKET'S CONTROL STATION AS SHOWN IN DETAIL D. 33.



DETAIL D. OPERATOR CONTROL DECAL INSTALLATION

1ESTING/VALIDATION OF EMERGENCY STOP

1. START THE ENGINE, SET THE OUTRIGGERS, AND OPERATE THE UNIT FROM THE LOWER CONTROLS TO POSITION THE PLATFORM IN THE GOUND ACCESS POSITION.

2. OPERATE THE UNIT FROM THE UPPER CONTROLS.

3. PRESS THE EMERGENCY STOP PLUNGER AT THE OPERATOR CONTROL STATION SO THE RUCK ENGINE STOPS.

4. VERIFY THAT CONTROL FUNCTIONS AT BOTH THE OPERATOR AND PASSENGER CONTROL STATIONS ARE INOPERABLE.

5. PRESS AND HOLD EITHER THE OPERATOR OR PASSENGER STOP/START PLUNGER UNTIL THE TRUCK ENGINE STARTS.

6. PRESS THE EMERGENCY STOP PLUNGER AT THE PASSENGER CONTROL STATION SO THE RRUCK ENGINE STORE.

7. VERIFY THAT CONTROL FUNCTIONS AT BOTH THE OPERATOR AND PASSENGER CONTROL STATIONS ARE INOPERABLE.

| ASSY: 9158736 | MASS: LBS | STOCK SIZE: | NOT TO SCALE FORM# 34698 <u>چ</u> ۷ DRAWING #: 9158737 SHEET 2 OF 2 PART NAME: FSK INSTRUCTIONS
PRODUCT: AERIALS
MATERIAL:
| DRAWN BY: CRR | DATE: 12/16/2021 M TEREX. THE DEAVOR CONTRIBUTION OF STREET, AND THE STR US Emergency Stop Placard Qty 2 per truck sent. Part # 468482.



Sample of window envelope, address shows through window.



3140 15th Ave SE Watertown, SD 57201-9017

IMPORTANT SAFETY RECALL INFORMATION



Issued in Accordance With Federal Law



SAFETY RECALL NOTICE

"Customer's Name"

"Address"

"City", "State" "Zip Code"

Alternate format: Normal envelope, with address label or printed envelope.



3140 15th Ave SE Watertown, SD 57201-9017

IMPORTANT SAFETY RECALL INFORMATION



Issued in Accordance With Federal Law



SAFETY RECALL NOTICE

"Customer's Name" "Address"

"City", "State" "Zip Code"