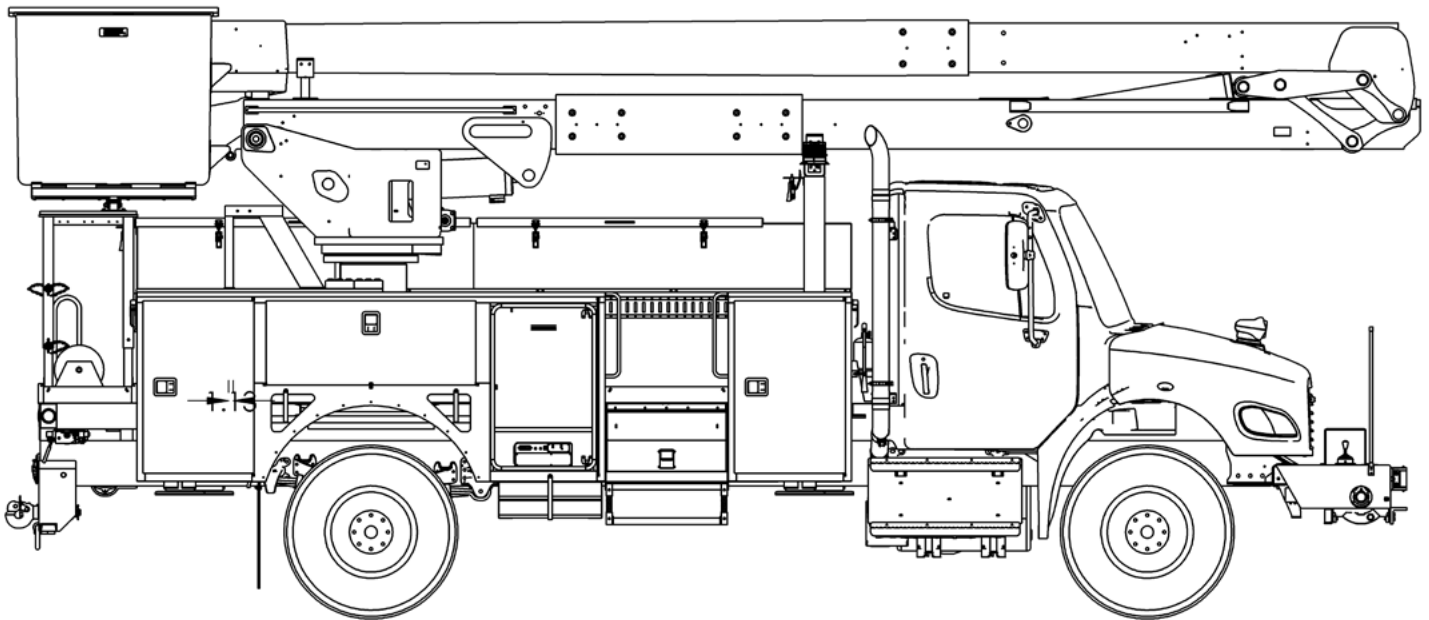




# TECH TIPS

EV SMARTPTO QUICKSTART GUIDE

NO. 192



**SERVICE CALL:**  
EV SMARTPTO QUICKSTART  
GUIDE



**MODEL(S):**  
INTERNATIONAL EV CHASSIS



**TOOLS NEEDED:**  
NONE

TEREX UTILITIES TECHNICAL SUPPORT TEAM

PHONE: 1-844-TEREX4U (1-844-837-3948) | EMAIL: [UTILITIES.SERVICE@TEREX.COM](mailto:UTILITIES.SERVICE@TEREX.COM)



## **DANGER**

Failure to obey the instructions and safety rules in the appropriate Operator's Manual and Service Manual for your machine will result in death or serious injury.

Many of the hazards identified in the Operator's Manual are also safety hazards when maintenance and repair procedures are performed.

## **DO NOT PERFORM MAINTENANCE UNLESS:**

- ✓ You are trained and qualified to perform maintenance on this machine.
- ✓ You read, understand and obey:
  - manufacturer's instructions and safety rules
  - employer's safety rules and worksite regulations
  - applicable governmental regulations
- ✓ You have the appropriate tools, lifting equipment and a suitable workshop.

The information contained in this Tech Tip is a supplement to the Service Manual. Consult the appropriate Service Manual of your machine for safety rules and hazards.



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## TECH TIP #192

### TOC

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| Verify high voltage switches  
| Turn the ignition key ON

**STEP 1 - STEP 2**

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| Parking brake  
| E-stop

**STEP 3 - STEP 4**

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| Viatec system

**STEP 5 - STEP 6**

## STEP 1

Verify that both high voltage shutoff switches are in the ON position. One is located in the cab, the other is on the backside of the battery box. If both switches are off, turn on the cab switch first.



**FIGURE 1**



**FIGURE 2**

## STEP 2

Turn the ignition key to the ON position. The truck cannot be in the drive mode.

The cluster screen should not have a drive symbol on it. If the drive symbol is visible, cycle the ignition to the ON position to get the chassis out of drive mode. **Figure 3** shows the screen in drive mode and **Figure 4** shows the screen not in drive mode.



**FIGURE 3**



**FIGURE 4**

### STEP 3

Verify that the parking brake is engaged (pulled out), and the truck is in neutral.



### STEP 4

Verify that the e-stop is pulled out on the Viatic system. The e-stop is located on a square weldment behind the last curbside compartment.



## STEP 5

Verify that the Viatic symbol on the bottom left of the screen displays detected. If the system is detected, press the PTO button.



FIGURE 7

## STEP 6

Verify that under the viatic symbol the wording changed from Detected to Allowed. This lets the operator know that all the interlocks have been met to allow the system to run. **Figure 8**

Then press the E-PTO button. It will turn yellow during start-up and then will turn green. Once the motor can be heard turning, the smart PTO system is ready to use.

### Figure 9

If any faults are detected, consult the manufacturer's manual for troubleshooting. If you have any questions call 1-844-TEREX4U (1-844-837-3948) or email [utilities.service@terex.com](mailto:utilities.service@terex.com)



FIGURE 8



FIGURE 9



FOR FURTHER ASSISTANCE,  
CONTACT THE TEREX UTILITIES TECHNICAL SUPPORT TEAM  
PHONE: **1-844-TEREX4U (1-844-837-3948)** | EMAIL: **[UTILITIES.SERVICE@TEREX.COM](mailto:UTILITIES.SERVICE@TEREX.COM)**

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