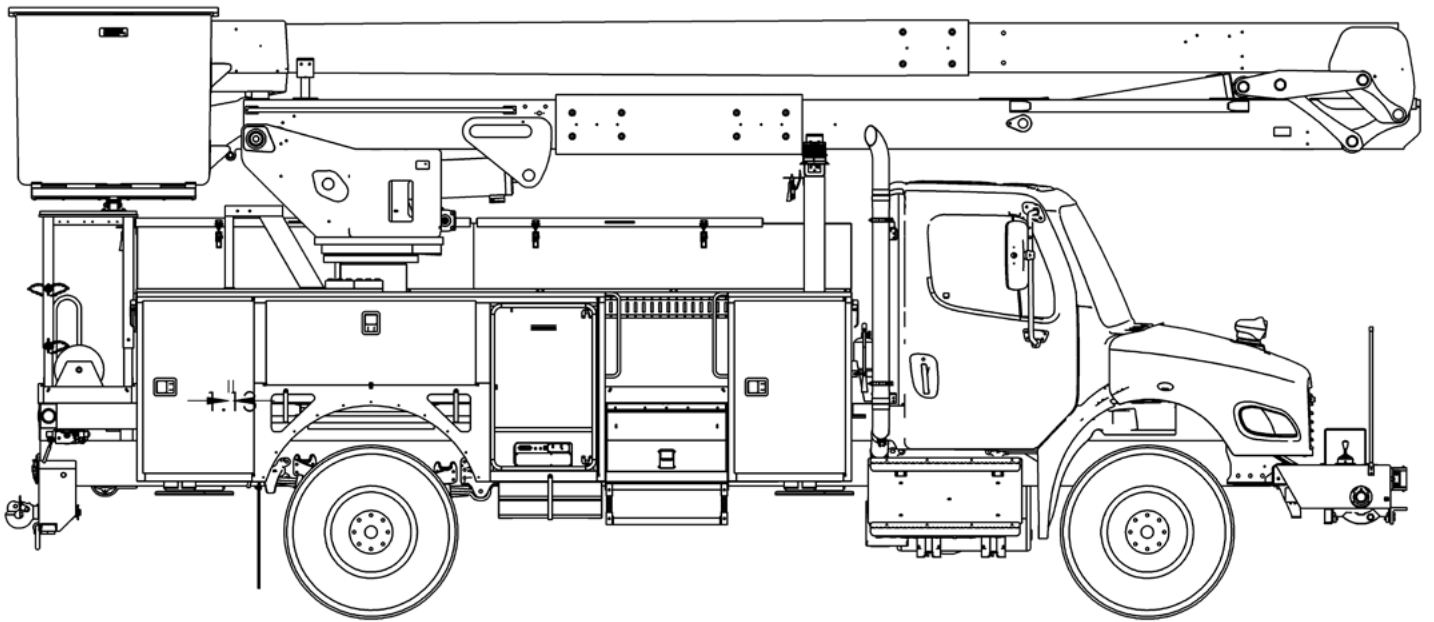




TECH TIPS

VIATEC V2 LOCKOUT/TAGOUT

NO. 188



GENERAL KNOWLEDGE
VIATEC V2 LOCKOUT/TAGOUT



MODEL(S):
VIATEC SMARTPTO V2



TOOLS NEEDED:
LOCKOUT/TAGOUT DEVICES

TEREX UTILITIES TECHNICAL SUPPORT TEAM

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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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STEP 1

Turn off the truck and place the keys in a secure location.

STEP 2

Unplug charging cables from the SmartPTO Unit.



120VAC



240VAC

STEP 3

Shut off the SmartPTO unit by pressing the SmartPTO switch in the cab and pressing the E-stop on the screen enclosure.



STEP 4

Disconnect cables shown off the back of the SmartPTO unit.



STEP 5

Use lockout/tagout devices to cover the cable ends. Only the control extension, 120VAC and 240VAC needs to be locked out.



STEP 6

Wait 10 minutes for the SmartPTO internal capacitors to discharge.

STEP 7

Remove cover to access internal components.



Orange color wires and loom indicate High Voltage. Do not touch high voltage wires or any exposed connections.

STEP 8

Set your multimeter for DC voltage, Insert the probes into the export power connection to confirm 12V.

STEP 9

Using appropriate PPE for high voltage testing. Test the Voltage between B+ and (M1 or M2 or M3) Terminal.

Note: Gloves should be at least class 00 rated



STEP 10

Check your meter is working properly by testing battery voltage on the export power connection.

Note: Always follow the Check, Test, Check method.

STEP 11

If the voltage on the “M” Terminals is greater than 24V, wait an additional 10 minutes and check again. Repeat until the voltage is below 24V before proceeding.



FOR FURTHER ASSISTANCE,
CONTACT THE TEREX UTILITIES TECHNICAL SUPPORT TEAM
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