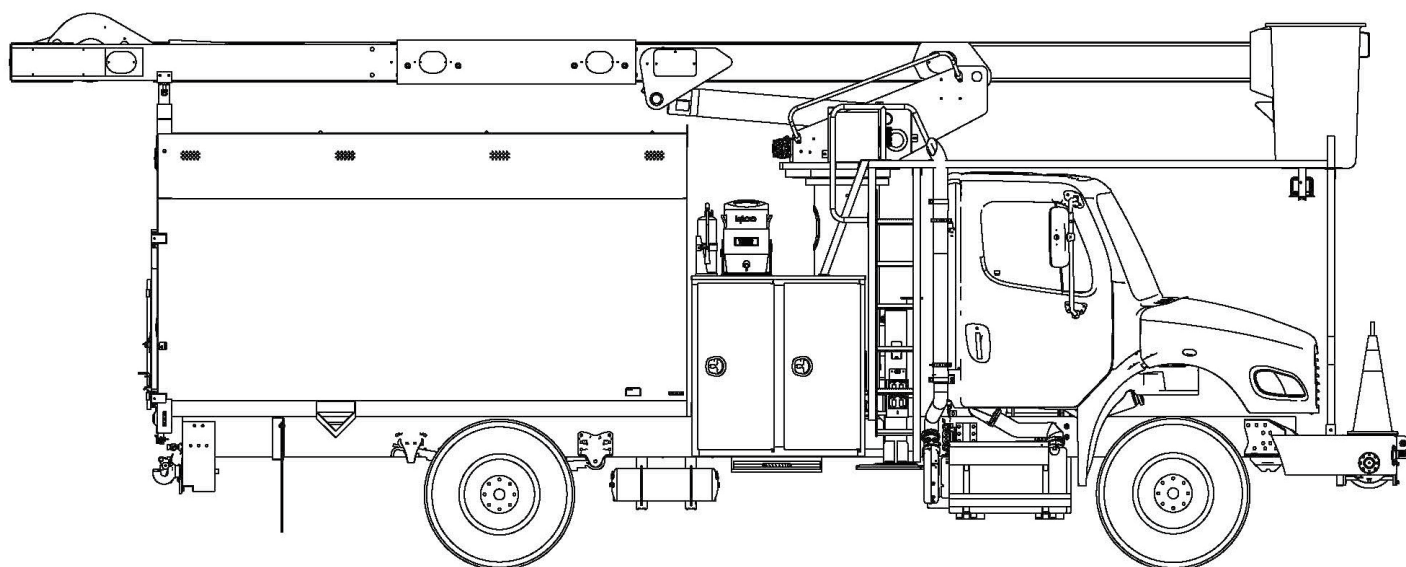




TECH TIPS

OUTRIGGER KEYPAD TROUBLESHOOTING GUIDE

NO. 173



SERVICE CALL:
OUTRIGGER KEYPAD
TROUBLESHOOTING GUIDE



MODEL(S):
ALL TEREX UTILITIES EQUIPMENT
WITH OUTRIGGER KEYPAD



TOOLS NEEDED:
NONE

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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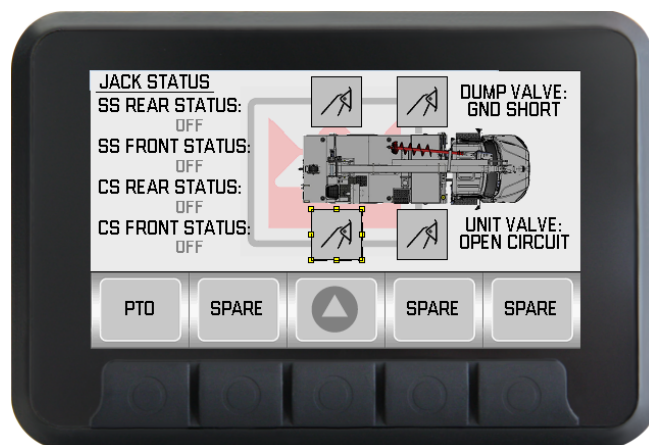
STEP 3 - STEP 4

INTRODUCTION

Outrigger controller communicates with the Canview Switch panel via CAN. Each outrigger switch is now wired to its own controller input for easier troubleshooting.

STEP 1

When all the outriggers are retracted, the screen will be grayed out and each of the outriggers will show a status of OFF. The keypad will show all yellow if PTO is on.

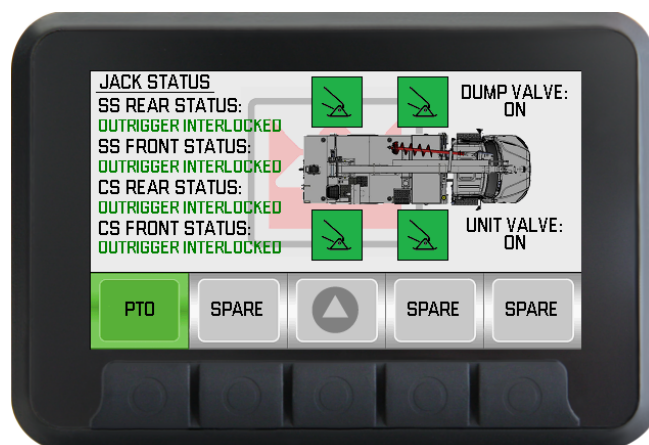


The green LED on the Start/Stop button indicates that the chassis is running.



STEP 2

When all the outriggers are extended, the screen will be green and each of the outriggers will show a status of Outrigger Interlocked.



The keypad will show a blue LED if Outrigger interlock is satisfied.

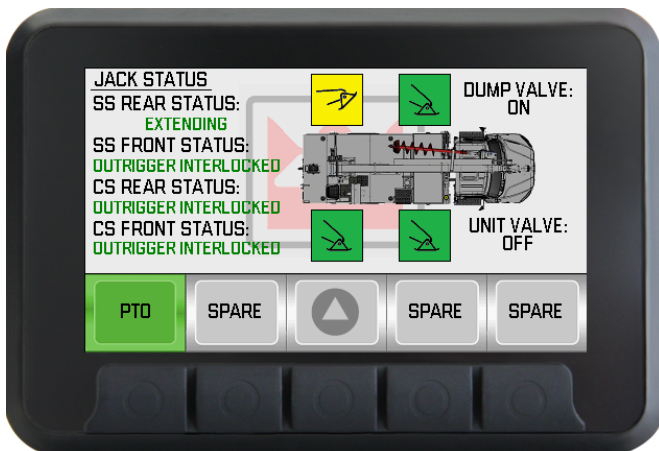


STEP 3

While pressing the button to extend, the light on the button will turn green.



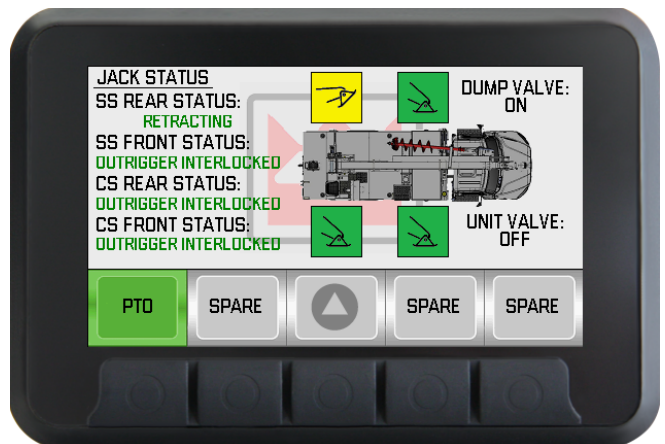
The screen will indicate outrigger status with “Extending” and the outrigger being operated will be yellow.



STEP 4

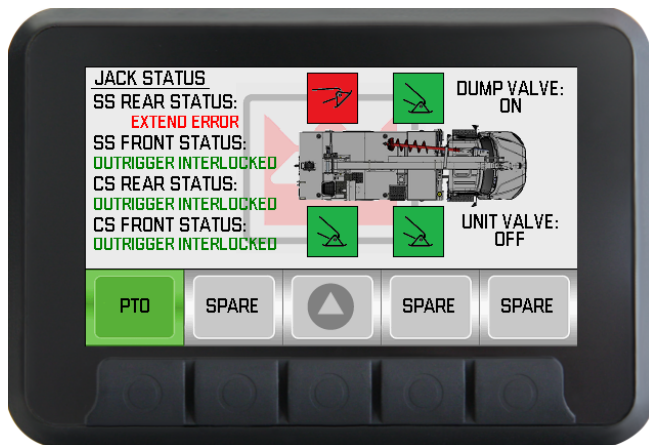
While pressing the button to retract the light on the button will turn green.

The screen will indicate outrigger status with “Retracting” and the outrigger that is moving will have a yellow box.

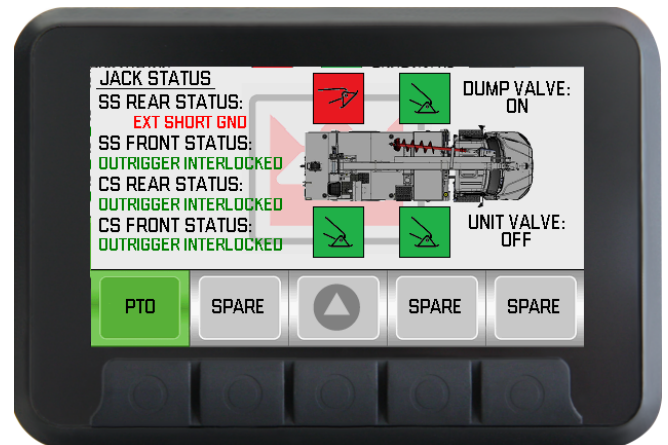


STEP 5

If a fault occurs while extending or retracting, the outrigger will show red on the faulted outrigger and a description of the fault.



The fault will specify if its: Open loop, Shorted to Ground or shorted to 12V.



The button on the keypad will also have a red LED.



STEP 6

Using the home button on the Canview screen, select Diagnostics. This can be used to determine if communication with the keypads is working.

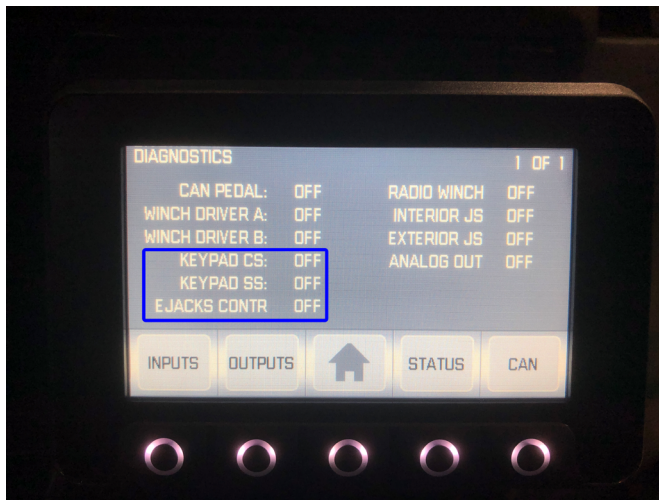
If communication occurs with the ignition ON, Master Power ON and PTO ON, a value of ON should be shown. If the value shows OFF with the ignition ON, Master Power ON and PTO ON, further troubleshooting is required. **Figure 11**

Boom Out of Stow Interlock Malfunction

Introduction

In case of a malfunction of the boom out of stow interlock, use the following instructions to stow the outriggers.

Note: This should only be done when the boom is in the rest. Raising the outriggers while boom is not in the rest may cause the unit to become unstable

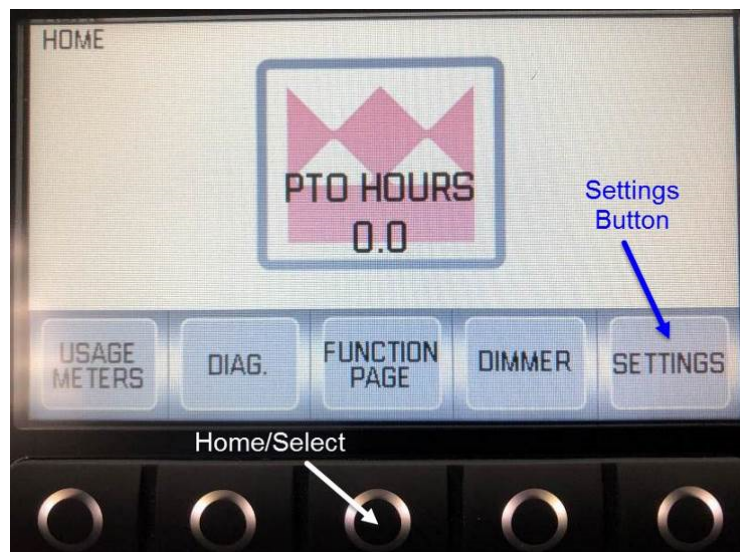


STEP 1

Unlock the screen following the steps called out in **Tech-tip 143**.

STEP 2

Press Home/Select button until Settings is available. Press the Settings button.

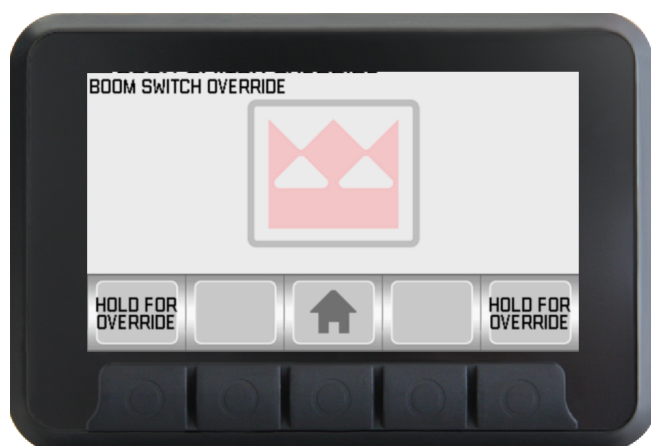


STEP 3

Using the Up/Down arrow button to scroll until Outrigger Override is highlighted. Then press Select.

STEP 4

Press and hold both buttons labeled: HOLD FOR OVERRIDE at the same time. While holding the buttons another operator will need to press the retract buttons on the outrigger keypad to retract the outrigger.





FOR FURTHER ASSISTANCE,
CONTACT THE TEREX UTILITIES TECHNICAL SUPPORT TEAM
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