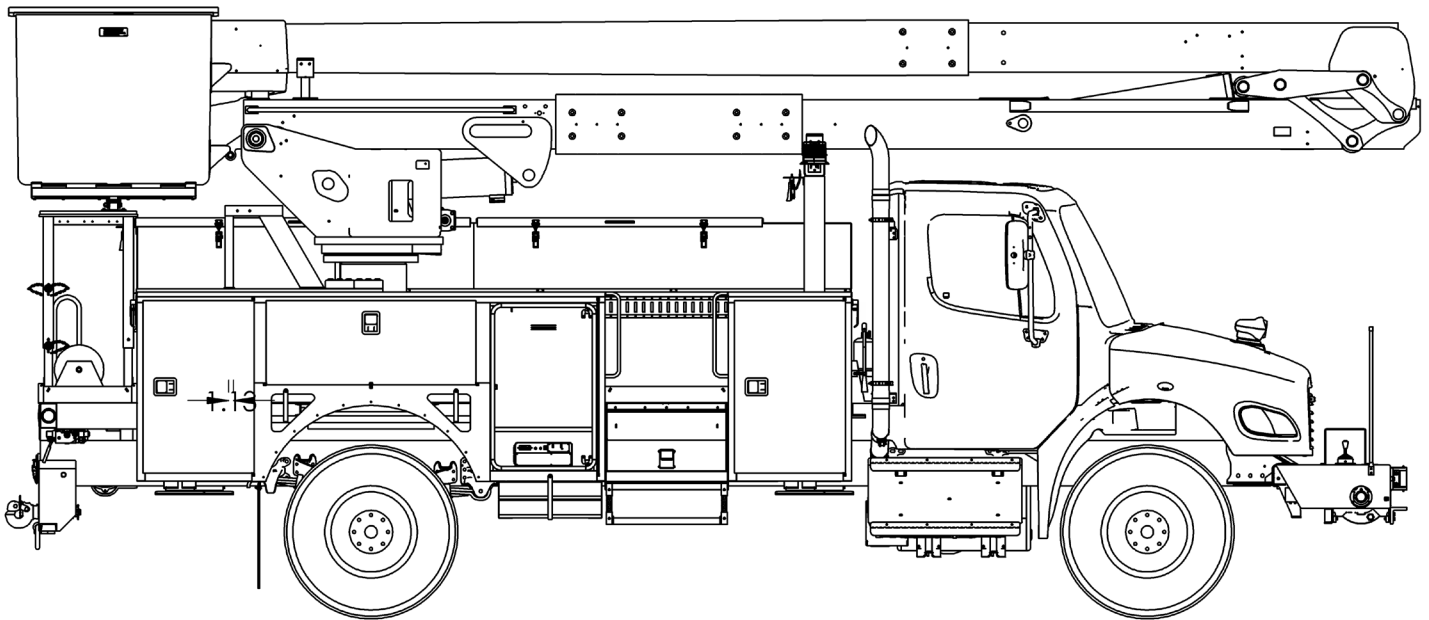




TECH TIPS

LOWER/UPPER CONTROL SELECTOR OPERATION

NO. 194



SERVICE CALL:
LOWER/UPPER CONTROL
SELECTOR OPERATION



MODEL(S):
ALL TEREX UTILITIES AERIAL
DEVICES



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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CONTENTS

TECH TIP #194

4

| *Set-up the unit*
| *Deploy outriggers*

INTRODUCTION
STEP 1 - STEP 2

5

| *Operate from lower controls*

STEP 3 - STEP 4

6

| *Operate from upper controls*

STEP 5 - STEP 7

INTRODUCTION

This tech-tip provides the basic understanding and operation of the lower/upper selector on Terex Aerial Devices.

The daily pre-shift inspection requires the lower and upper controls to be operated before elevating. The lower control selector must be moved and held in the lower position each day when the unit is operated from the lower controls during the daily pre-shift inspection.

STEP 1

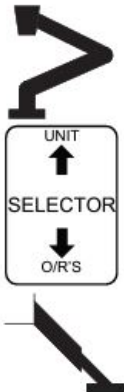

Position the unit in a suitable location, checking for overhead obstructions. Place the transmission in neutral, set the parking brake, engage the PTO, and chock the wheels.



Failure to operate controls daily can cause the controls to seize up due to lack of use and local environmental conditions.

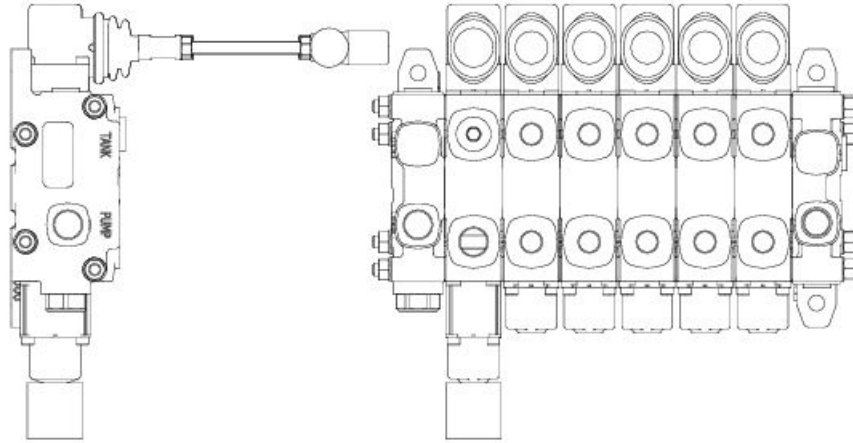
STEP 2

At the rear control, select Outriggers and set all the outriggers. Once the outriggers are deployed, move the selector to Unit.

1.	Selector		<p>Move handle up to activate "UNIT" system.</p> <p> The Selector will function as an emergency stop by taking oil flow away from the active control.</p> <p>Move handle down to operate outrigger system "O/R'S".</p>
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STEP 3

Go to lower controls and see if the selector is in the neutral position. In this position (stop position) no oil is flowing to the upper or lower controls.



STEP 4

To perform the daily inspection, hold the selector in the lower position to operate all functions from the lower control valve.

1.	Lower Control Enable and Top Control Shutoff		Push lever to select upper controls. Pull lever to select lower controls.
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Decals shown may vary by unit, consult the unit specific decals for control function and direction.

STEP 5

After the daily lower control function inspection is complete, push the level to select upper controls. This allows oil to flow to platform for boom function operation.

STEP 6

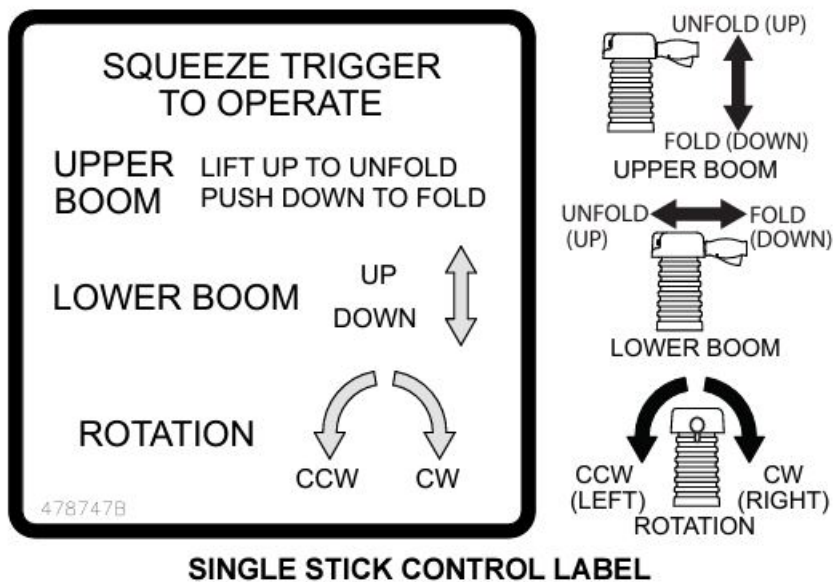
Verify oil is present at the upper controls by squeezing the single stick trigger and selecting desired function and verify all perform properly.

STEP 7

When finished, properly store the unit and move the selector back to the neutral position, stopping all oil flow to the upper and lower controls.



Failure to operate controls daily can cause the controls to seize up due to lack of use and local environmental conditions.





FOR FURTHER ASSISTANCE,
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