

Service Call:

Proper Storage of TL Booms and
Adjustment of the Rests

Tools Required:

Simple Hand Tools

Model(s):

All TL

Note: When stowing the booms, do not stow the boom at full throttle, stow at idle to reduce accidental damage to unit.

Tech Tip Safety Rules



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:

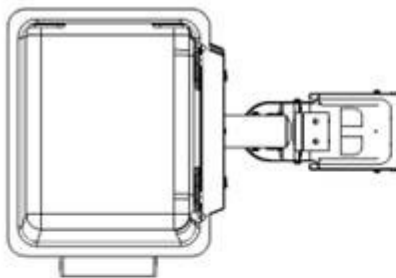
- You are trained and qualified to perform maintenance on this machine.
- You read, understand and obey:
 - manufacturer's instructions and safety rules
 - employer's safety rules and worksite regulations
 - applicable governmental regulations
- You have the appropriate tools, lifting equipment and a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

Storing Booms

Step 1

Rotate the platform to its stowed position directly centered over the platform support.



End Mount Stow



End Mount Stow



Side Mount Stow



Keeps hands away from all moving parts on the rotator assembly when operating

Step 2

Position the jib parallel to the upper boom (if equipped) with the jib fully retracted.



Step 3

Fold the lower boom into the rest or fully down if no rest, making certain that the upper boom is centered over the boom rest before lowering it into position with slight down pressure.



Note: If equipped with a lower boom rest, use caution not to over stow the lower boom. If the lower boom is over stowed, it can cause misalignment of the upper boom when it is stowed.

Step 4

Slowly lower the upper boom into the rests as described below:

For TL37-45 & 50

The V-rest will touch first. Then the steel section and platform rest. Once in place, use the ratchet strap to secure the boom or remove hydraulic pressure from the unit to secure the latch.

For TL 48 with auto boom latch

Upper boom will go into the boom rest and platform rest. Enough down pressure must be placed on the boom to fully engage the auto latch when pressure is released by selecting to the outrigger functions.

TL55 and TL60 units produced before 2020

The V-rest will touch first, followed by the fiberglass and platform rest.

If equipped with a ratchet strap, use it to ratchet the upper boom into the steel rest. This will force the fiberglass section up into the wear pad to keep from jumping.

If equipped with an auto boom latch, enough down pressure must be placed on the boom to fully engage the auto latch when pressure is released by selecting to the outrigger functions.

TL60 units produced in 2020 and beyond

Fiberglass and platform rest will touch first.

If equipped with a ratchet strap, use it to ratchet the upper boom into the steel rest.

If equipped with an auto boom latch, enough down pressure must be placed on the boom to fully engage the auto latch when pressure is released by selecting to the outrigger functions.

Step 5

If stowing the boom on a slope, be sure that the platform is level with the truck before fully stowing the upper boom.

Check the stowed position once the unit is on level ground to determine if further adjustments are necessary.



Platform not level with unit



Platform level with unit

Adjustment of Rests

If adjustments are needed, add/remove washers to any of the upper boom rests. If needed an extra wear pad can be added to the front V-rest.

Note: If unit is equipped with an auto boom latch, the adjustment of the boom rest will affect the ability of the automatic latch to lock the boom down. This can cause a teeter-totter effect, allowing the boom and platform to jump and slam into the rests.

Note: After any adjustment is made, verify that the platform sits firmly in the rest after any adjustments are made.