



# Power Lift

Cut Height | Deck Standup

## Safety & Operations

Important: See Owner's Manual for Complete  
Mower Operating Instructions

# Power Lift

Country Clipper mowers with Power Lift allow grass cut height adjustments and raising of the deck into vertical Standup mode by simple push button. This booklet covers steps in mower preparation and operation of the Push Button. For more insight to mower procedures closely related to deck Standup, consult your Owner's Manual.

This manual refers to The Boss mowers using Power Lift with **model numbers including -SR1210L** with purchase beginning in 2010.

## Table of Contents

<b>Power Lift: Deck cut height adjustments</b>	<b>1</b>
<b>Parts identification</b>	<b>2</b>
<b>Preparing the deck for standup</b>	<b>3</b>
<b>Standing the deck up for maintenance</b>	<b>6</b>
<b>Returning the deck to level after maintenance</b>	<b>9</b>
<b>Returning the mower to operating mode</b>	<b>10</b>

# Deck Cut Height Adjustments

Changes to the mower's cutting height using Power Lift can be made from the operator's seat while mowing. Identify the parts referenced below on the next page.

To raise cut height:

- With the mower in normal operating mode, engage (press) the “Up” switch until the Deck Lift Arm rises to just above the desired cutting height.
- Insert the Cut Height Pin at the desired cutting height on the Cut Height Latch Plate. (Depress spring end of Pin to release it.)
- Engage the “Down” switch until the Deck Lift Arm comes to rest on the Cut Height Pin.

To lower cut height:

- With the mower in normal operating mode, briefly engage the “Up” switch to relieve pressure on the Cut Height Pin.
- Insert the Cut Height Pin at the desired cutting height on the Cut Height Latch Plate.
- Engage the “Down” switch until the Deck Lift Arm rests on the Cut Height Pin.

This completes the cut height adjustment.

**Important: The Deck Lift Arm must rest on the Cut Height Pin during mowing.**



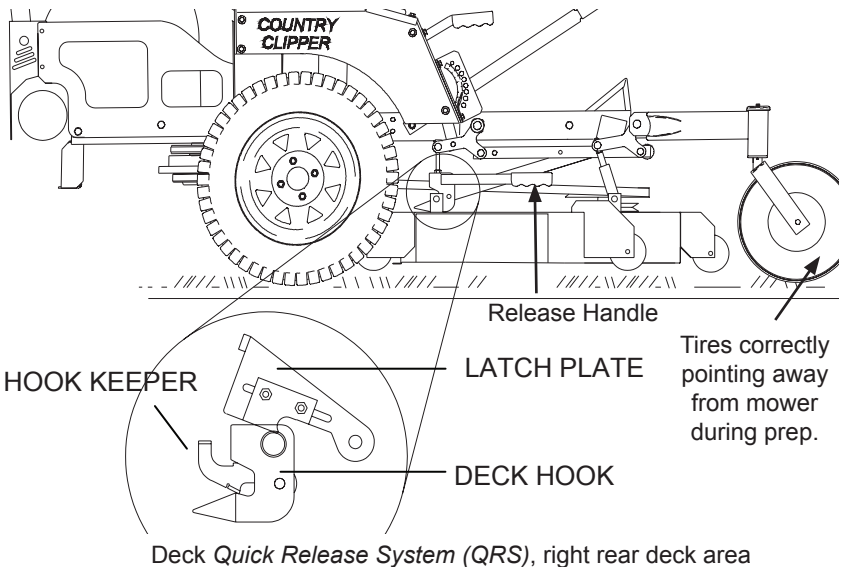
# Prepare Deck for Standup

All Country Clipper mowers include the patented Standup Deck feature. Before raising the deck to Standup, Power Lift also helps with some simple steps in mower preparation. To return the deck to operating mode after maintenance, these steps are reversed. Before continuing, preview the labeled components of the Standup procedure among the booklet's photos and diagrams.

Verify the mower is ready for mowing before beginning the Standup procedure. This means the Quick Release System (QRS) and all belts should be connected as if ready to mow. The Power Lift Cylinder Locator Arm should be set at "Mowing."

## Deck Preparation

1. Move the mower to a clean, firm, level surface with its front caster wheels pointing away from the mower. *Wheel positioning can be achieved by backing the mower up or by manually moving the tires.* (See front wheel position in the QRS diagram below.) Turn the engine off and set the brake.



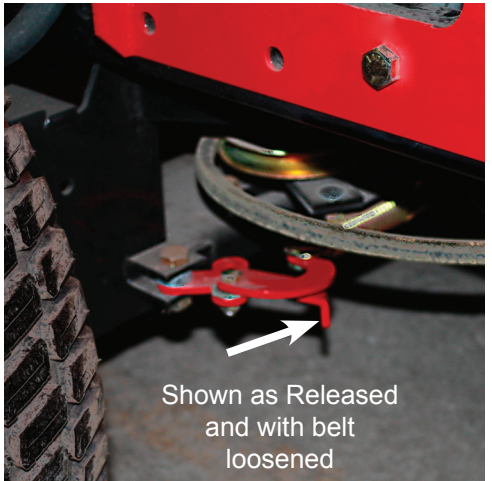
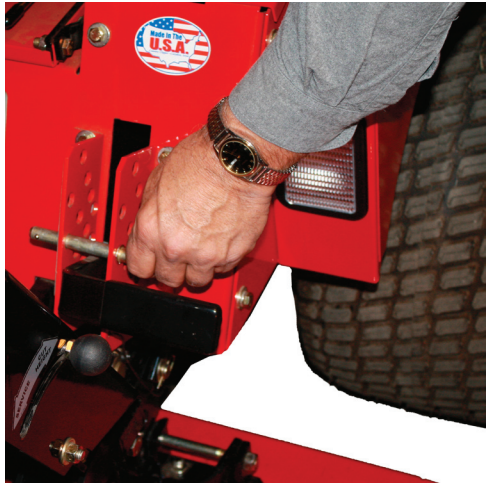
## Prepare Deck for Stand-up

2. Engage (press) the “Up” switch only briefly to relieve pressure on the Cut Height Pin. Remove the Cut Height Pin. (*Depress spring end of Pin to release it.*)

*Note: Engaging the “Up” switch extends the Power Lift cylinder to begin raising the deck. Engaging the “Down” switch contracts the cylinder.*

3. Engage the “Down” switch until the deck is completely lowered to the ground and a heavy clicking sound is heard. Re-insert the Cut Height Pin into the nearest hole on the Cut Height Latch Plate just **ABOVE** the Deck Lift Arm. This secures the cutting deck at its lowest position.

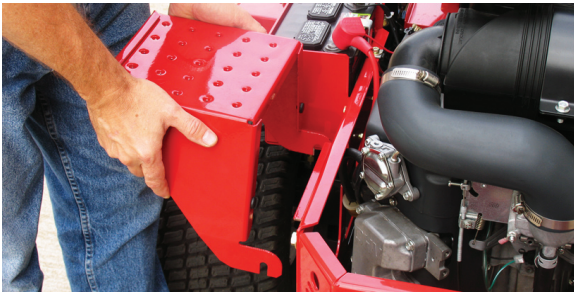
4. Release the Engine-to-Deck Belt Tightener located behind the left rear tire by holding it and pushing fully to the right.



## Prepare Deck for Stand-up



5. Flip the Foot Deck up to allow access to the Engine-to-Deck Belt. Roll the belt off the center spindle. Hook the belt onto the bolt protruding from the top of the foot deck support angle. *Note: securing the belt helps maintain the clutch and belt tension idlers. This simplifies reinstallation of the belt when returning the mower to operational mode.*



6. Remove the Front Step from the front of the mower. Turn the Step upside-down and slide it onto the tabs at the left rear of the mower's Engine Guard.

7. Near the right rear side of the mower deck, lift and hold up on the Quick Release (QRS) Hook Keeper. While holding up on the Hook Keeper, lift up on the Release Handle to disconnect the back of the deck. The Latch Plate should catch and hold the Release Handle Rod in place. **See the QRS diagram on Page 3.** *Note: If you feel the Latch Plate needs adjustment, consult your Owner's Manual.*

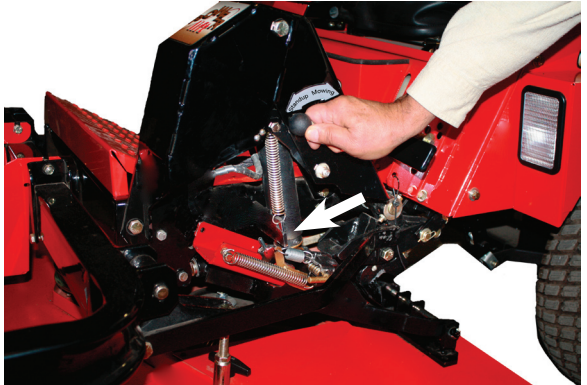
**Important: Keep feet and other body parts away from under the deck when operating the Quick Release System. During release, the deck repositions close to the ground.**



# Standing the Deck Up for Maintenance

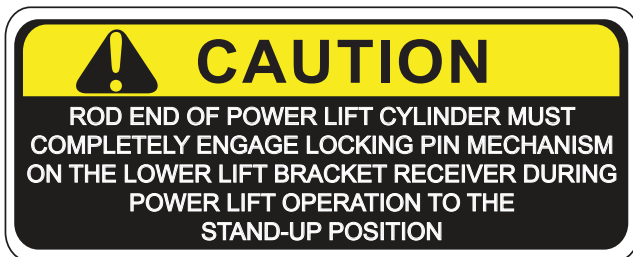
1. Move the Power Lift Cylinder Locator Arm to the “Stand-up” position.

*Important: Verify in Standup position that the cylinder also moved fully forward. Note the arrow in the photo.*



2. Raising the deck is performed in two steps:

- First, standing at the mower’s left side, engage the “Up” switch while also keeping an eye on the Cylinder Lock Pin. Under proper operation, the Lock Pin will noticeably adjust itself (trip) into the base of the Cylinder. When this occurs, immediately disengage the “Up” switch.
- Then, walk to the left rear of the mower and place downward pressure by sitting or kneeling on the Step you placed there earlier. At the same time, engage the “Up” switch until the deck is fully raised and a heavy clicking sound is heard.





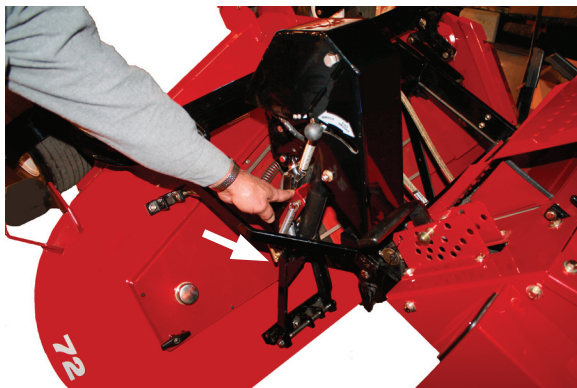
# Standing the Deck Up for Maintenance



## CAUTION

KEEP HANDS, FEET AND BODY PARTS COMPLETELY AWAY FROM POWER LIFT MECHANISM, DECK AND UNDERSIDE OF REAR BUMPER ON MOWER DURING POWER LIFT OPERATION TO AND FROM STAND-UP POSITION

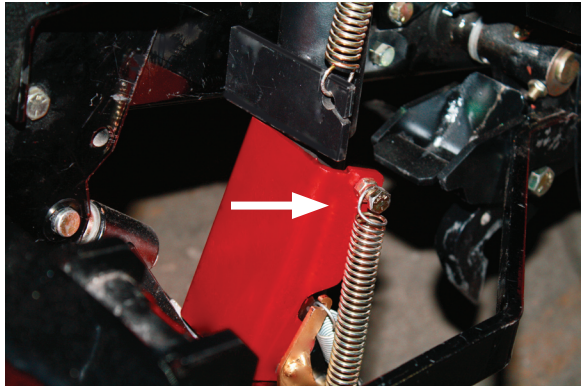
*Note: Be prepared to shift your position from the rear Step if need be as the deck raises and the rear of the deck approaches the ground.*



3. Manually push the Safety Catch Channel fully “rearward” until it firmly rests against the cylinder.

The Safety Catch Channel is positioned firmly against the cylinder.

**Maintenance can now be performed on the deck.**

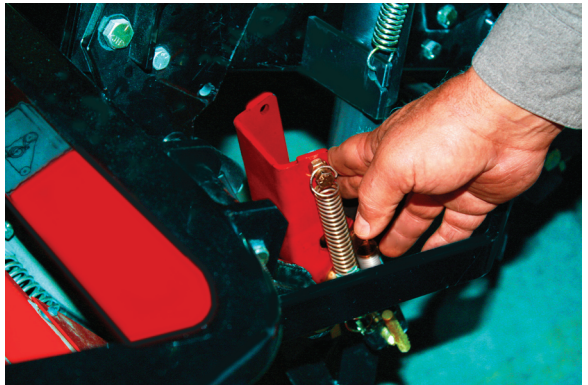


## CAUTION

IT IS ESSENTIAL THE SAFETY CATCH CHANNEL IS CONTACTING THE CYLINDER WHILE IN THE STAND-UP POSITION BEFORE ANY MAINTENANCE OR OTHER WORK IS PERFORMED

## Returning the Deck to Level

1. Push the Safety Catch Channel fully forward, toward the front of the tractor, to clear it from the Cylinder.



## Returning the Deck to Level



2. Begin lowering the deck by engaging the “Down” switch only until the front tires *just touch* the ground. Disengage the “Down” switch.

3. To unseat the Cylinder Lock Pin from the cylinder, any up or down pressure on it by the cylinder will first have to be released. Begin by placing pressure (pulling) on the Lock Pin with your left hand. At the same time, try various increments of “Up” or “Down” switch engagement until the Lock Pin can be pulled away (unseated) from the cylinder.

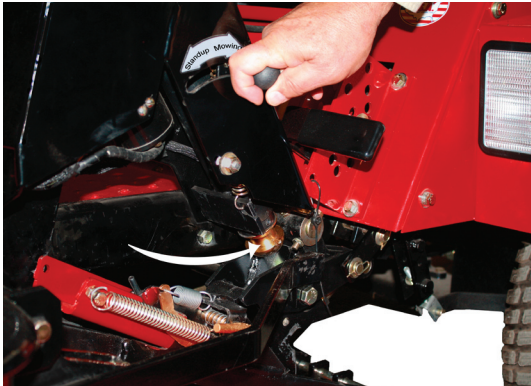
4. Keep hold of the Lock Pin as it becomes unseated while also engaging the “Down” switch until a heavy clicking sound is heard. Disengage the “Down” switch and release the Cylinder Lock Pin.



### CAUTION

KEEP HANDS, FEET AND BODY PARTS COMPLETELY AWAY FROM POWER LIFT MECHANISM, DECK AND UNDERSIDE OF REAR BUMPER ON MOWER DURING POWER LIFT OPERATION TO AND FROM STAND-UP POSITION

## Returning the Deck to Level



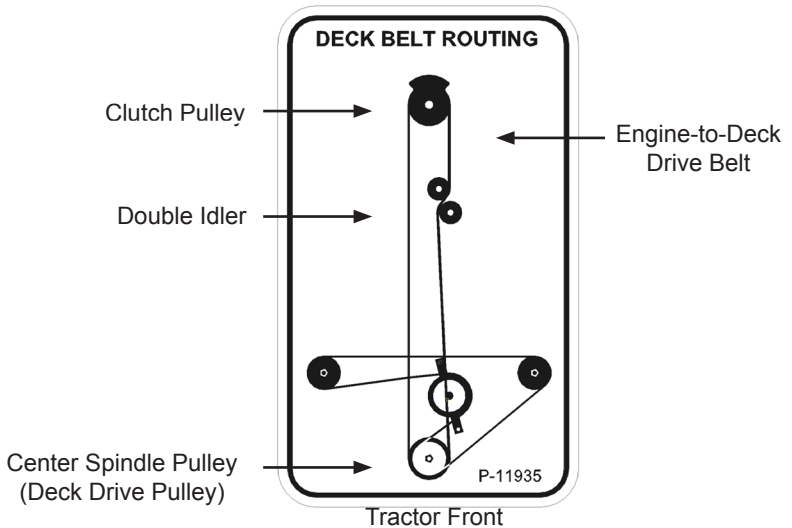
5. Return the Cylinder Locator Arm to the “Mowing” position.

*Important: Verify in Mowing position that the cylinder swings fully rearward as noted by the cylinder’s bull nose in the photo.*

## Returning the Mower to Operating Mode

1. **Re-hook the QRS:** Lift up on the Latch Plate to free the Release Handle Rod. Push down on the Release Handle until the deck hooks lock into place. *Note: See the QRS diagram on page 3.*
2. Re-install the Engine-to-Deck Belt onto the center spindle, which is located under the Foot Deck. Next, verify the Engine-to-Deck Drive Belt has remained connected to both the mower’s Double Idler and Clutch Pulley. Re-install if necessary. These can be viewed from underneath the rear of the mower.
3. Carefully rotate the Deck Belt Tightener (behind left rear tire) to the left to restore tension to the Engine-to-Deck Drive Belt.

# Returning the Mower to Operating Mode



4. Lower the Foot Deck and return the Front Step to the front of the mower.

5. To reset cut height to your desired position, begin by removing the Cut Height Pin (depress the Pin's spring end) from the Cut Height Latch Plate. Follow instruction for cut height adjustments on page 1.

## Important:

- **The Deck Lift Arm must rest on the Cut Height Pin during mower operation.**
- **Do not repeatedly operate Power Lift without periodically running the mower to charge battery.**

Country Clipper  
Division of Shivers Manufacturing Inc.

613 West English  
Corydon, Iowa 50060

(800) 344-8237  
CountryClipper.com