

# ASSEMBLY

**IMPORTANT:** This mower is shipped without gasoline in the engine. Be certain to service engine with gasoline and check oil as instructed in the Operation section of the Engine Manual before starting or operating your mower.

**NOTE:** References to LEFT, RIGHT, FRONT, and REAR indicate that position on the mower when facing forward while standing on the operator's platform.

## Mower Preparation

**TOOLS NEEDED:** Safety glasses, leather gloves, wire cutters.

1. Remove the upper crating material from the shipping pallet, and cut any bands or tie straps securing the mower to the pallet.
2. Use the deck lift handle (a) to raise the deck to the transport lock position (b) (highest adjustment setting) and insert the clevis pin (c) into the highest mowing setting (d) to secure the deck lift handle in place (Figure 1).

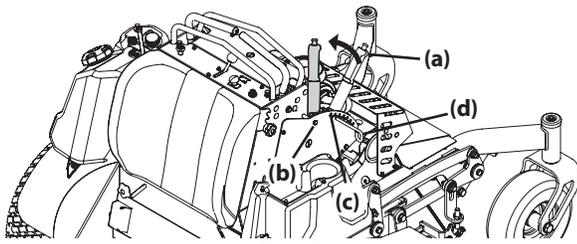


Figure 1

**IMPORTANT:** The mower is equipped with two hydrostatic transmissions. Each transmission is equipped with a bypass valve that **MUST** be opened before manually moving the mower.

3. Perform the following to open the two hydrostatic transmission bypass valves (Figure 2):
    - a. Loosen the two star knobs (e) securing the leg pad (f) to the mower.  
**NOTE:** Leg pad for mowers with 48, 56 or 60 inch decks shown. Leg pad for mowers with 36 inch deck adjusts the same.
    - b. Remove the leg pad from the mower.
    - c. Remove the rear panel from the mower. Refer to Removing/Installing The Rear Panel on page 8.
- IMPORTANT:** DO NOT open the bypass valves more than a maximum of two turns.
- d. Locate the hydrostatic transmissions and open the two bypass valves (i) a maximum of two turns.
  - e. Reinstall the rear panel. Refer to Removing/Installing The Rear Panel on page 8.
  - f. Using the two star knobs, reinstall the leg pad.

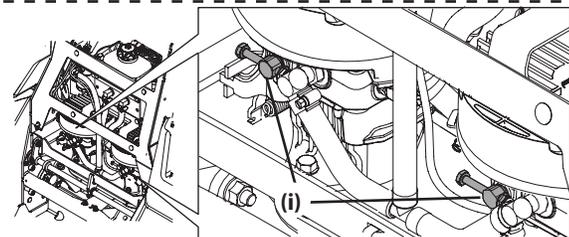
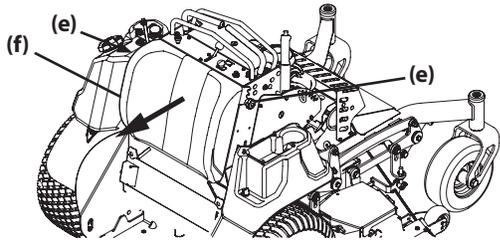


Figure 2

## ⚠ WARNING

Do not tow the mower, even with the bypass valves engaged. Serious transmission damage will result from doing so.

4. Carefully roll the mower off the shipping pallet.
- IMPORTANT:** The bypass valves **MUST** be closed before operating the mower.
5. Reverse STEP 3 to close the two bypass valves.
  6. To engage the parking brake, pull back completely on the parking brake lever (j) (Figure 3).

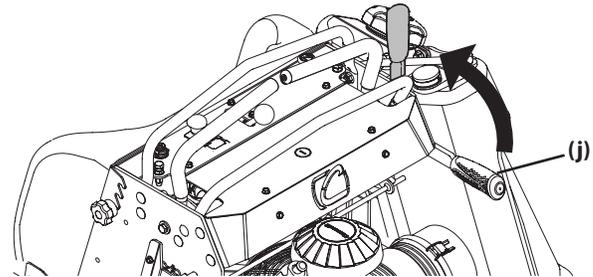


Figure 3

7. Cut any wire ties holding the chute deflector up and discard any packing material.

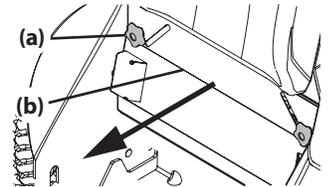
## Removing/Installing The Rear Panel

**NOTE:** The rear panel is secured to the mower using two star knobs or two quarter turn latches.

**IMPORTANT:** Ensure the mower is unoccupied with the engine off and parking break engaged before performing this procedure.

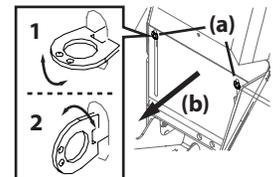
### REAR PANEL WITH STAR KNOBS

1. Remove the two star knobs (a) securing the rear panel (b) to the mower.
2. Remove the rear panel from the mower.
3. Reverse STEPS 1 - 2 to install the rear panel.



### REAR PANEL WITH QUARTER TURN LATCHES

1. Lift latch up and rotate the latch one 1/4 turn and align the latch with the slot in the rear panel. Repeat this step to the remaining latch.
2. Remove the rear panel from the mower.
3. Reverse STEPS 1 - 2 to install the rear panel.



# ASSEMBLY

## Lubrication & Grease Points

Before operating the mower, refer to the Product Care section of this manual to check the lubrication and grease points. Grease and lubricate if necessary.

## Checking Tire Pressure

### ⚠ WARNING

For proper traction and deck leveling the maximum recommended tire pressure is 12 psi. Equal tire pressure should be maintained at all times. NEVER exceed the Maximum PSI noted on the tire side wall.

### Inflation Pressure

Rear Tires — 10-12 psi (69-82.7 kPa) max recommended operating pressure.

Front Tires — N/A - Front tires are semi pneumatic and do not require inflation.

The tires on your mower may be over-inflated for shipping purposes. Reduce the tire pressure before operating the mower. Recommended operating tire pressure is 10-12 psi (69-82.7 kPa) for rear tires.

## Connecting the Battery Cables

### ⚠ WARNING

California **PROPOSITION 65** Battery posts, terminals, and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive harm. Wash hands after handling.

### ⚠ WARNING

When attaching battery cables, always connect the **POSITIVE (Red)** wire to its terminal first, followed by the **NEGATIVE (Black)** wire.

For shipping reasons, both battery cables on your equipment may have been left disconnected from the terminals at the factory. To connect the battery cables, proceed as follows See Figure 5:

1. Perform one of the following to remove the battery cover:
  - Mowers with 48, 54 or 60 Inch Decks - Remove the two thumb screws (a) securing the battery cover (b) to the right fender. Lift up to remove the battery cover. See Figure 4.
  - Mowers with 36 Inch Decks - Unhook the rubber strap (c) securing the battery cover (b) to the battery tray (d). Lift up to remove the battery cover (Figure 4).

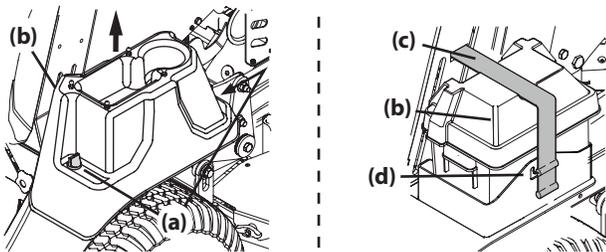


Figure 4

**NOTE:** The positive battery terminal is marked POS. (+) (e). The negative battery terminal is marked NEG. (-) (f).

**NOTE:** If the positive battery cable (g) is already attached, skip ahead to step 4.

2. Remove the red boot (h), if present, from the positive battery terminal (e) and attach the red cable (g) to the positive battery terminal (e) with the bolt (i) and hex nut (j).

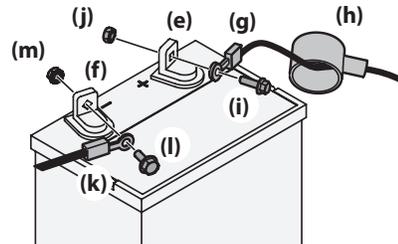


Figure 5

3. Position the red boot (h) over the positive battery terminal (e) to insulate it and help protect it from corrosion.
4. Attach the black cable (k) to the negative battery terminal (f) with the bolt (l) and hex nut (m).
5. Reverse STEP 1 to reinstall the battery cover to the left fender.

**NOTE:** If the battery is put into service after the date shown on top/side of battery, charge the battery prior to operating the machine.

## Adjustments

### LEG PAD HEIGHT

1. Loosen the two star knobs (a) securing the leg pad (b) to the mower (Figure 6).

**NOTE:** Leg pad for mowers with 48, 54 or 60 inch mower decks shown. Leg pad for mowers with 36 inch mower deck adjusts the same.

2. Remove the leg pad from the mower.
3. Reposition the leg pad into one of three height positions (c).
4. Using the two star knobs, secure the leg pad to the mower.

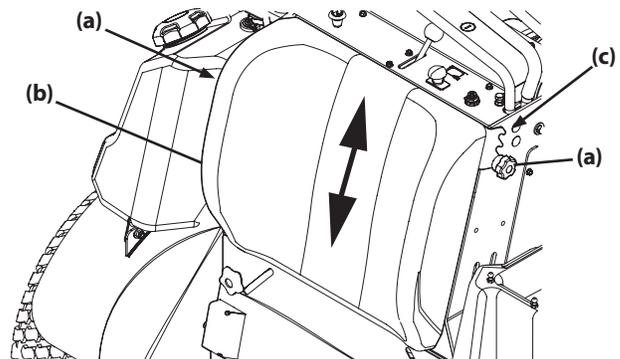


Figure 6

# ASSEMBLY

## OPERATOR'S PLATFORM SUSPENSION

### Mowers With 48, 54 or 60 Inch Decks

The mower operator's platform suspension firmness is adjustable. Moving the suspension lever (a) to the top position (b) provides a firmer suspension. The lower setting (c) provides a softer suspension (Figure 7).

1. Ensure the mower is unoccupied with the engine off and parking break engaged.
2. Move the suspension lever up and away from the mower.
3. Move the suspension lever to one of three suspension settings.
4. Lower the suspension lever into the suspension setting. Ensure the suspension lever fully engages the setting before releasing the lever.

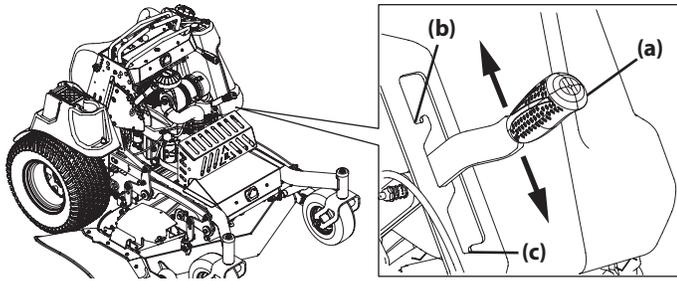


Figure 7

### Mowers With 36 Inch Decks

The mower operator's platform suspension firmness is adjustable. Moving the two adjustment rods to one of four combinations (Figure 8 Inset) will provide a firmer or softer operator's platform suspension.

1. Remove the rear panel. Refer to Removing/Installing The Rear Panel, Rear Panel with Quarter turn latches on page 8.
2. Locate the two adjustment rods (a).

**NOTE:** Refer to Figure 8 inset to see the stop position locations for the desired suspension firmness.

3. Moving one adjustment rod at a time, slightly pull and lift the adjustment rod off of the ball stud (b).
4. Push or pull the adjustment rod until the loop is over the correct ball stud for the desired suspension firmness.
5. Lower the adjustment rod down until the loop is fully seated onto the stop post.
6. Repeat STEPS 4 - 5 to reposition the remaining adjustment rod if necessary.

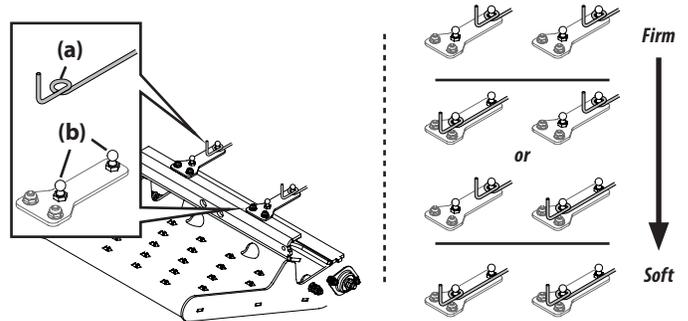


Figure 8