

## 14. LEVELING THE CUTTING DECK

**NOTE:** Prior to leveling the mowing deck, perform the following steps:

- Check the tire pressure. The front tires will be approximately 14 PSI, and the rear tires will be approximately 10 PSI.
- Place the tractor on a level surface.
- Depress and lock the parking brake.
- Place the cutting deck in cutting position 3 or 4.

### **SIDE TO SIDE ADJUSTMENT**

**IMPORTANT:** The cutting deck must be even side to side.

- 14.1. Using a work glove or rag, rotate the blades until they are cutting edge tip to cutting edge tip (perpendicular) to the tractor. See Figure 14.1.



Figure 14.1

- 14.2. Measure the outer blade tips to ground. Both measurements taken should be equal.
- NOTE:** If an adjustment is needed, perform the following steps:
- 14.3. Loosen (DO NOT REMOVE) the hex cap screw on the left deck hanger bracket using a 1/2" and a 3/4" wrench. See Figure 14.3.

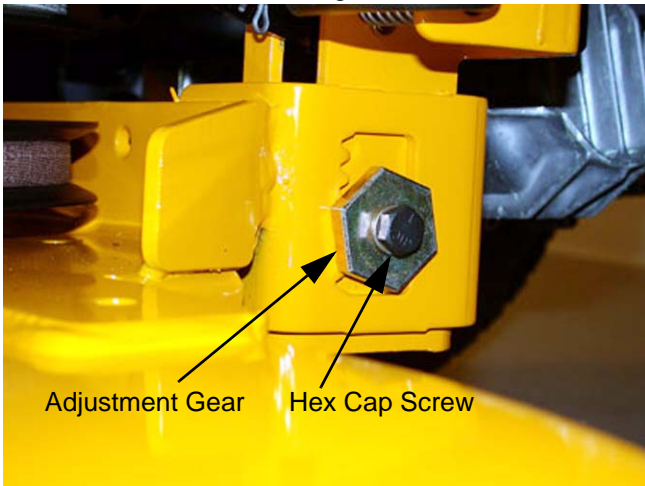


Figure 14.3

- 14.4. Rotate the 3/4" deck adjustment gear right or left until the deck is level side to side and both blade tips to ground are equal in measurement.
- 14.5. Retighten the hex cap screw on the left deck hanger using a 1/2" and a 3/4" wrench when the proper adjustment has been achieved.

**FRONT TO REAR ADJUSTMENT**

**IMPORTANT:** The front of the deck will be between 1/4" and 3/8" lower in the front than the rear of the deck.

- 14.6. Using a work glove or a rag, rotate the blades until they are parallel with the tractor frame. See Figure 14.6.

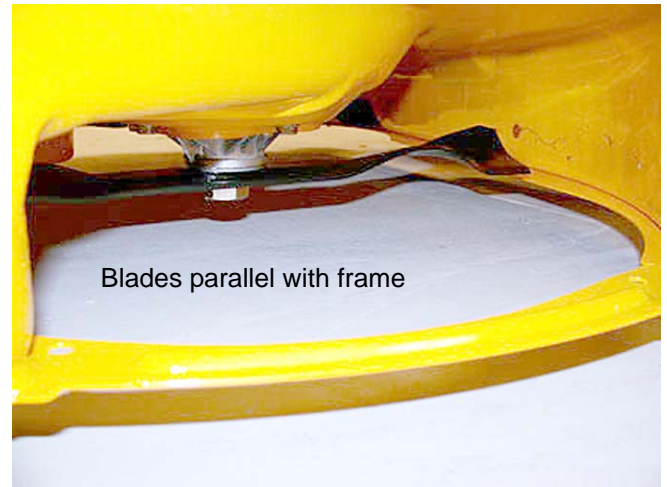


Figure 14.6

- 14.7. Measure the front blade tips to the ground.
- 14.8. Measure the rear blade tips to the ground.
- 14.9. Make certain the front blade tips are 1/4" to 3/8" lower than the rear blade tips.
- NOTE:** If an adjustment is needed, perform the following steps:
- 14.10. There are two types of stabilizer rods. A U-bolt type and a J-bolt type. See Figure 14.10.

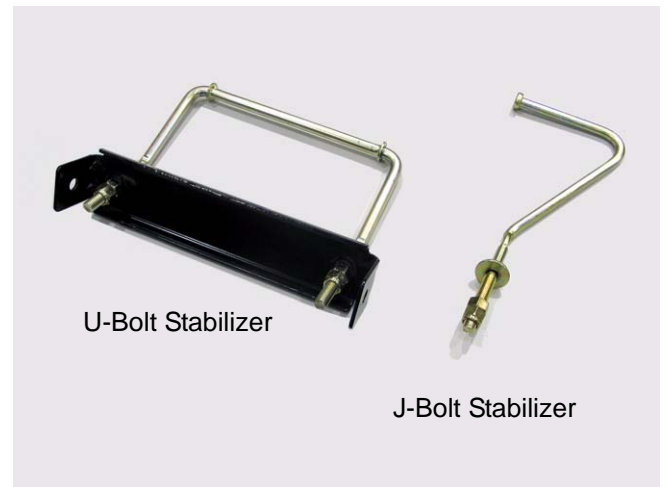
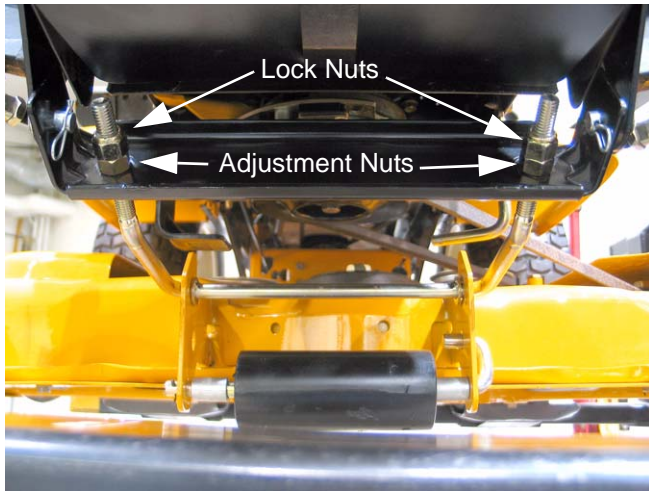


Figure 14.10

## Series 1000 and 1500

- **For the U-bolt style:**

14.11. Loosen both lock nuts securing the adjustment nuts on the front of the deck stabilizer bracket using a two 3/4" wrenches.



**Figure 14.11**

14.12. Locate both adjustment nuts on the front side of the deck stabilizer bracket. See Figure 14.11.

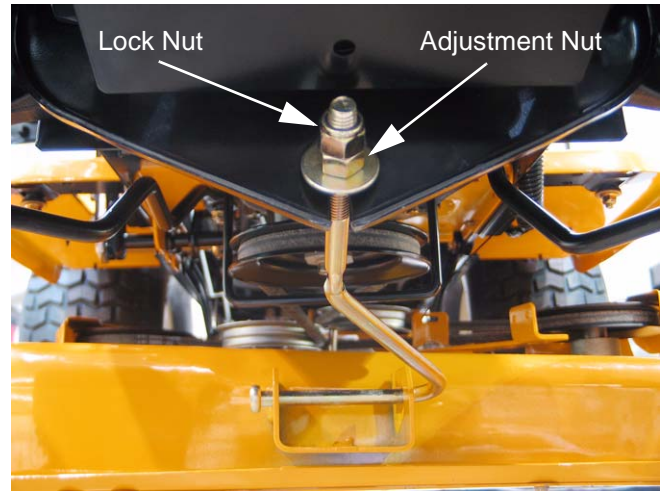
14.13. Tighten both nuts to raise the front of the deck or loosen both nuts to lower the front of the deck using a 3/4" wrench.

**NOTE:** Make sure you count the number of turns you put on the first nut and put the same number on the second nut. both nuts must be moved equally.

14.14. Retighten both lock nuts to jam the adjustment nuts into position when the proper adjustment has been achieved.

- **For the J-bolt Style:**

14.15. The J-bolt style stabilizer is adjusted in a similar fashion. Loosen the single lock nut away from the adjustment nut using two 3/4" wrenches.



**Figure 14.15**

14.16. To lower the front of the deck loosen the adjustment nut on the J-bolt. To raise the front of the deck tighten the lock nut. Tighten the lock nut against the adjustment nut when finished.

## 15. DASH PANEL REMOVAL

15.1. Remove fender, as described in the FENDER REMOVAL section of this manual.

15.2. For the 1500 remove the hood and battery, as described in the HOOD REMOVAL section of this manual.

- For the 1000 remove the fuel tank by first removing the fuel cap. place a piece of plastic over fuel tank opening and put fuel cap back on.

- Remove the four 1/2" screws holding the fuel tank in place.

- Lift the fuel tank and place on top of engine or clamp the fuel line and remove it from the fuel pump and remove fuel tank from unit.

15.3. Pry the cap off the center of the steering wheel.