

- 12.4. Disconnect the deck lift assist spring that extends from the deck lift shaft to the transaxle torque bracket using a length of starter rope or a spring tool. See Figure 12.4.

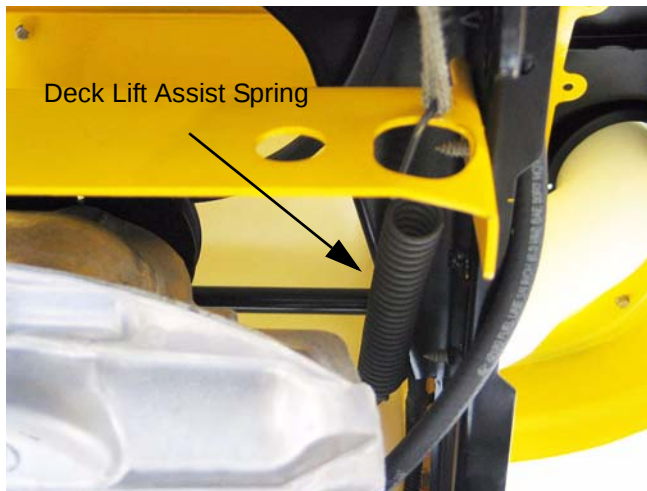


Figure 12.4

- 12.5. Remove the E-clip that holds each shouldered hex bushing into the tractor frame. Replace one bushing at a time.
- 12.6. Pry the worn bushing out of the hole.
- 12.7. Clean any dirt or corrosion from the surface of the lift shaft that contacts the bushing.

NOTE: Because of the dusty environment that many mowers operate in, grease applied to this bushing may accelerate wear rather than prevent it. If any lubricant is used between the shaft and the bushing, it should be a dry graphite or PTFE based lube.

- 12.8. Insert the new bushings, and secure them with the E-clips.
- 12.9. Check deck levelness, and make any necessary adjustments before returning the tractor to service.

13. DECK LIFT CABLES AND PULLEYS

NOTE: The deck lift cables and pulleys can be replaced without removing the rear fenders.

- 13.1. To remove the deck lift cables, remove the cutting deck.
- 13.2. Lift and safely support the rear of the tractor.

- 13.3. Remove the rear tires using a 3/4" wrench. See Figure 13.3.



Figure 13.3

- 13.4. Remove the handle from the rear fenders using a 3/8" wrench. The screws are accessible from inside the rear fender. See Figure 13.4.

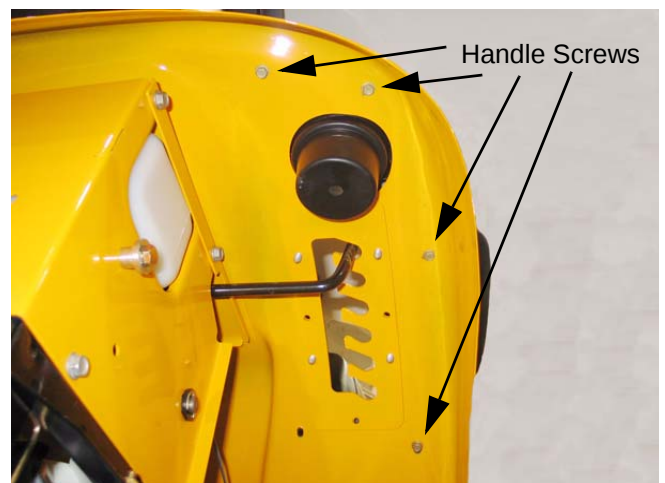


Figure 13.4

Series 1000 and 1500

- 13.5. Remove the notched plate that the deck height control lever seats against in the fender, using a 1/2" socket. See Figure 13.5.



Figure 13.5

- 13.6. Push the deck height control lever as far forward as it will go, and secure the lever in that position.
- 13.7. Remove the pulley that carries the deck lift cable using a 1/2" wrench and a 5/8" wrench.
- 13.8. Remove the E-clip from the same end of the lift shaft that the cable is being removed from. This will allow the lift shaft to be pushed-in slightly, providing clearance for the pin.
- 13.9. Remove the hairpin clip that secures the pin on the top end of the cable to the arm on the deck lift shaft. See Figure 13.9.

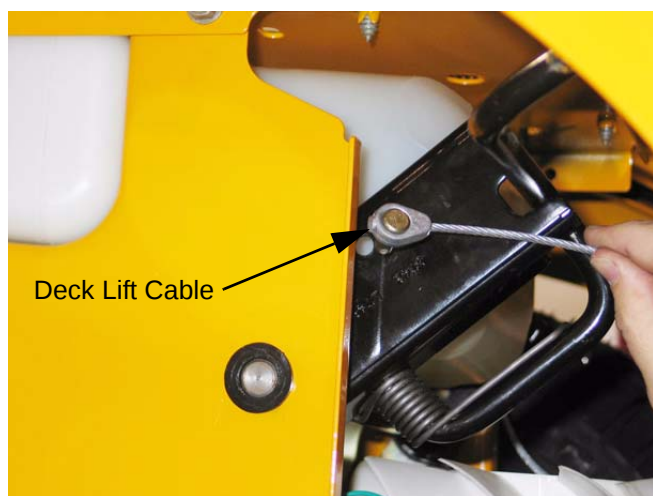


Figure 13.9

NOTE: Early models used a removable clevis pin. Current production cables have captive pins.

- 13.10. Remove the hairpin clip that secures the pin to the lift arm, and remove the cable.

13.11. Installation notes:

- Reverse the removal process to install the cables and pulleys.
- Because of the dusty environment that many mowers operate in, grease applied to the cable or pulley may accelerate wear rather than prevent it. If any lubricant is used on the pulley, it should be a dry graphite or PTFE based lube.
- Replace the pulleys and cables if they show signs of wear.
- Check deck level before returning the tractor to service.
- Tighten fasteners to the following torques:

Lug nuts	75ft-lbs (Nm)
Screws, handle to fender	60 in-lbs (Nm)
Screws, plate to fender	144in-lbs (Nm)
Shoulder bolts, pulley	144 in-lbs (Nm)

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.