

Removal and Replacement for the Center Lift Cylinder

CAUTION: Slowly remove the hydraulic lines from the cylinder. Test for pressure in the lines before removal.

1. Place an oil pan directly under the center lift cylinder. This will catch the hydraulic fluid that will be drained from the lines and the cylinder.
2. Remove the hairpin from the clevis pin at the rear of the lift cylinder. See figure 1.
3. Slide the clevis pin all the way to the left rear tire.

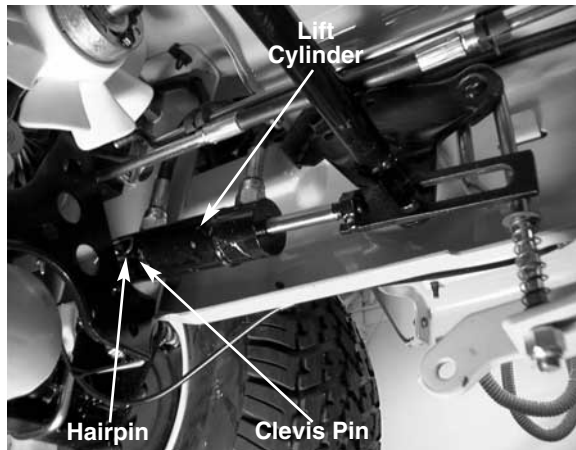


FIGURE 1.

4. Pull the cylinder towards the center of the machine and release the cylinder from the clevis pin. See figure 2.
5. Pull the cylinder forward applying pressure to the lift shaft assembly. The lift shaft assembly will pivot forward with the cylinder, and allow the rear of the cylinder to pass by the front transmission support bracket.

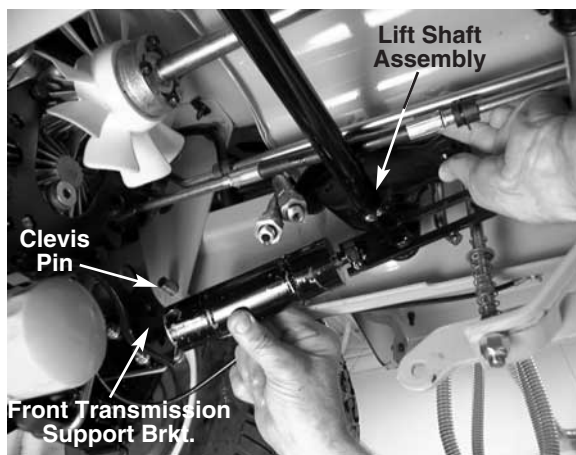


FIGURE 2.

6. Remove both hydraulic connectors from the lift cylinder using a 7/8" open end wrench.

NOTE: The front connector on the lift cylinder hydraulic line runs to the top port of the lift valve. The back connector on the lift cylinder hydraulic line runs to the bottom port of the lift valve. Be sure to reinstall the hydraulic lines in the correct ports during reassembly.

7. Inspect the "O" rings on the connectors for any damage. If damaged, replace.
8. Pivot the cylinder down 90 degrees and release the slotted bracket from the lift shaft assembly cam. See figure 3.

NOTE: Allow the hydraulic fluid to drain completely from the cylinder into the oil pan.

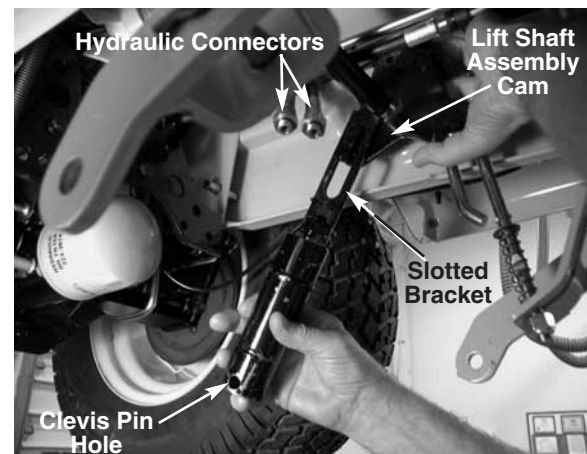


FIGURE 3.

REINSTALL THE CENTER LIFT CYLINDER IN THE REVERSE ORDER ABOVE.

NOTE: When reinstalling the cylinder to the cam on the lift shaft assembly, make sure the slotted cylinder bracket is offset towards the left frame of the tractor.