4. Remove one of the mounting screws for the belt guide and loosen the other. DO NOT bend the belt guide (Fig. 059).

5. Slip the belt out of the crankshaft pulley and over the blade (Fig. 060).

Note: Blade removed for clarity. The blade can be removed, but it is not required for belt replacement.

22” TORO & LAWN-BOY REAR WHEEL DRIVE MODELS

Transmission Removal and Belt Replacement

On rear wheel drive models, it is necessary to separate the rear drive assembly from the mower housing in order to change the drive belt.

1. Drain fuel and oil from the engine.

2. Remove the single retaining screw from the center of the bag door spring. Slide the door to one side and remove it from the rear HOC side plates (Fig. 061).
3. Remove the plug from the hole next to where the self propel cable goes through the chassis (Fig. 062).

4. Tip the mower on its side. The cable snaps in from the top and connects to an arm on the transmission belt guide (Fig. 063).

5. The cable tool (P/N 105-6819) will compress the locking tabs on the cable so it can be removed from the housing.

6. Slide the cable tool over the end of the cable and push (Fig. 064). At the same time, reach around the mower and pull the cable out of the housing.

7. With the plug removed from the larger hole next to the cable, move the cable through the slot (Fig. 065).
8. Push it into the larger hole (Fig. 066).

9. Remove both rear wheels and both wheel covers.

10. Remove the stop cable from the engine (Fig. 067) and disconnect the self propel cable spring from the transmission.

11. Pinch the ends of the lower handle together to disengage them from the pins on the HOC plates (Fig. 068).

12. Tip the mower onto its right side (carburetor up) and remove the blade.

13. Remove one of the belt guide screws and loosen the other enough to pivot the guide away (Fig. 069). Do not bend the belt guide. Slide the pulley/blade adapter and belt off the crankshaft.

A. Stop cable
14. Place the mower right side up and remove the three hex head and one Allen head cap screws on each side that hold the height of cut plates to the chassis (Fig. 070). The transmission assembly will now drop down.

15. There is a cross brace underneath the mower that is held in place by two of the cap screws shown above (Fig. 071).

16. The belt cover must be removed in order to remove the belt (Fig. 072).

17. Remove 3 screws that secure the belt cover to the housing (Fig. 073).
18. Pull the belt cover out from under the rear wall and the belt is exposed (Fig. 074).

19. Clamp the axle with locking pliers and remove the pulley nut and transmission pulley (Fig. 075). Do not bend the belt guide. The pulley must be lifted up slightly to slip the belt off.

20. The cable may be unhooked from the arm on the transmission to help prevent cable damage (Fig. 076).

Note: It is not necessary to remove the transmission to replace the control cable.

21. Pull the belt towards the crankshaft and remove.

If only the belt is to be replaced, install a new one now. Reverse the process to assemble.

If transmission service is necessary proceed as follows.
Rear Axle Disassembly

1. Remove the klip rings and thrust washers that secure the pinions to the axle (Fig. 077).

2. When removing the pinions, note that there is a spring-loaded key under them.

3. Remove the other thrust washer and retaining ring holding the pivot assembly to the axle (Fig. 078).

4. The pivot assembly will slide off the axle. This includes the bearing, bearing retainer, HOC plate, spring arm, and pivot arm (Fig. 079).

5. Clamp the pivot assembly with 2 pairs of locking pliers or other clamps and remove the snap ring (Fig. 080).