



# Service Advisory

CC-497

## HOME MAINTENANCE

Models Affected: LT 1042 (13BX11CG709, 710, 712) SLT 1554 (13AK11CK709, 710, 712)  
 LT 1045 (13AX11CH710, 712) GT 1554 (14AK13CK709, 710)  
 LT 1046 (13AP11CH709, 710)  
 LT 1050 (13AQ11CP709, 710, 712)

Serial Number Range Affected: Listed below

Date: **September 12, 2005**

Subject: Transmission drive belt tensioner spring may come off, and Idler bracket rattle noise

**SYMPTOM 1:** Under certain operating conditions, i.e. heavy loading on the transmission drive, the hydrostatic transmission drive belt tensioner spring may come off from its bolt anchoring point. This will result in a loss of drive to the hydrostatic transmission.

**Serial Number Range Affected:** Units built between December 9, 2004 (Date Code "...L094H...") through June 21, 2005 (Date Code "...F215H..."). All models listed above.

**Action Required:** Order 732-04323A extension spring.

**SYMPTOM 2:** If the unit is experiencing a ticking, or knocking noise during operation. The flat washer located between the idler bracket and frame needs to be replaced with a smaller O.D. flat washer. Washer and the appropriate safety label per model listed below.

**Serial Number Range Affected:** Units built between December 9, 2004 (Date Code "...L094H...") through May 19, 2005 (Date Code "...E195H..."). All models listed above.

**Action Required:** Order 736-0258 flat washer and the appropriate safety label per model as listed below.

### PARTS REQUIRED:

ITEM NO.	PART NUMBER	QTY	DESCRIPTION
1	732-04323B	1	SPRING: EXTENSION
2	736-0258	1	WASHER: FLAT, .385 x 1.0 x .135
3A	777S32531	1	LABEL: SAFETY (For LT 1042, LT 1045, LT 1046, LT 1050)
3B	777S32484	1	LABEL: SAFETY (For SLT 1554)
3C	777S32584	1	LABEL: SAFETY (For GT 1554)



1) 732-04323B



2) 736-0258



3A) 777S32531



3B) 777S32484



3C) 777S32584

Figure 1.

Warranty: Normal warranty terms apply. Indicate Service Advisory **CC-497** and **732-0429A** as the original failed part on the claim. Repair time allowance is 1.0 Hrs.

SERVICE MANAGER	PARTS MANAGER	SALES MANAGER	SERVICE TECH.	SERVICE TECH.

Circulate and Initial

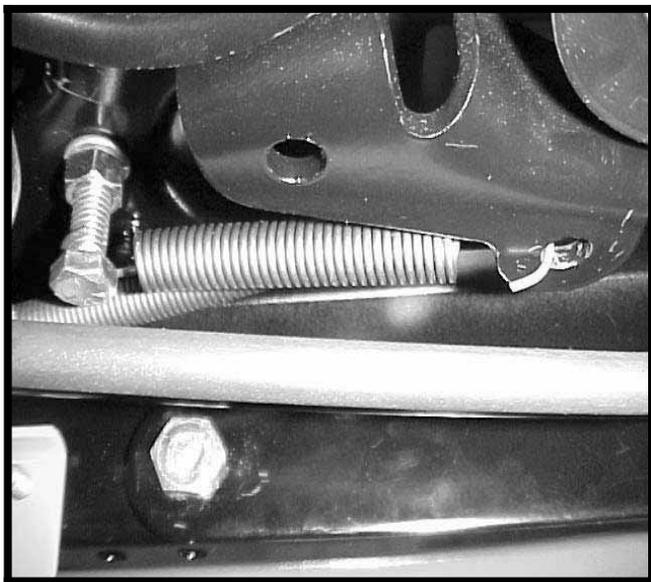
### Pre-service Preparation:

1. Shut off the engine and remove the key from the ignition switch. Disconnect the negative battery cable from the battery.
2. Remove the mower deck from under the tractor. Refer to the Operators manual for deck removal instructions.
3. Inspect the belt tensioning idler and pulleys for excessive debris build-up or damage that may have occurred from the spring coming off it's anchor point. Clean and/or repair as needed.

### Idler Spring Replacement:

1. Locate and remove the existing idler extension spring 732-0429A.
2. Install the new extension spring **732-04323B**. The spring must be hooked at the lowest point on the anchor bolt next to the head as shown in Figure 2.

**NOTE:** *There may be a floating flat washer "D" on the spring anchor bolt. The floating washer is not needed when using the new style extension spring, but can be left in place.* (Figure 3).



**Figure 2.**

3. Go to Idler Bracket Repair or proceed to step 20.

### Idler Bracket Rattle Repair:

1. Remove the seat lift extension spring from the left hand seat support bracket.

**CAUTION!** - *The seat lift extension spring is a high load spring. Use a spring puller tool 732-0571, or another suitable removal type tool, to safely remove the spring hook from the seat bracket.*

2. Disconnect the seat safety switch wires and carefully pull them down through the fender assembly and out of the way.

3. Remove the seat support brackets with the seat as a sub-assembly from the fender.

4. Remove the seat support springs.

5. Remove the shift lever and deck lift lever knobs.  
**NOTE:** *On the GT 1554 remove the plastic shift lever cover.*

6. Remove the hydro control pedal and brake pedal.

7. Remove the Safety Label located in the center of the fender assembly floor pan. Remove the two screws located under the label.

8. Lift up the left and right foot pads at the front corners of the fender assembly floor pan. Be careful not to damage the ratchet clips. No need to remove the foot pads completely.

9. Remove the front fender assembly retaining bolts located under the foot pads, and remove the fender assembly.

10. Disconnect the extension spring "A" from it's anchor bolt. (Figure 3). Remove the drive belt off of the fixed idler on the left underside of the frame (not shown).

11. Remove the idler bracket pivot bolt nut "B" and lower the idler bracket assembly. (Figure 3).

12. Discard the flat washer "C" and install the new flat washer **736-0258** in it's place. (Figure 3). Re-install the idler bracket assembly using the removed hardware.

13. Inspect drive belt for wear or damage and replace at this time.

14. Install the new extension spring **732-04323B**. The spring must be hooked at the lowest point on the anchor bolt next to the head as shown in Figure 2.

**NOTE:** *There may be a floating flat washer "D" on the spring anchor bolt. The floating washer is not needed when using the new style extension spring, but can be left in place.* (Figure 3).

15. Re-install the fender assembly, foot pads, hydro pedal and brake pedal, seat brackets and seat assembly, and the seat support springs.

16. Re-install the seat lift extension spring using a spring puller tool 732-0571, or another suitable installation type tool, to safely install the spring hook to the seat bracket.

17. Pull the seat safety switch wires up through the fender assembly and connect to the two safety switch terminals.

18. Make sure to thoroughly clean the surface of the fender assembly floor pan where the old label was removed, with isopropyl alcohol or a good quality adhesive remover.

19. Take care installing the appropriate safety label for the unit being updated. Align evenly in the recessed portion of the fender assembly floor pan.

20. Reconnect the negative battery cable. Before installing the deck test drive the unit. **NOTE:** Make sure the front hanger assembly is removed or tied up out of the way before driving the unit.

21. Place the front tires against the side of a building or an appropriate source. Depress and release the hydro control pedal several times or testing on a hill or incline should be performed. This will test the drive belt system under an increased load. Make sure the extension spring remains attached.

22. Re-install the front hanger assembly if it was removed for testing and install deck and check that all safety features work properly.

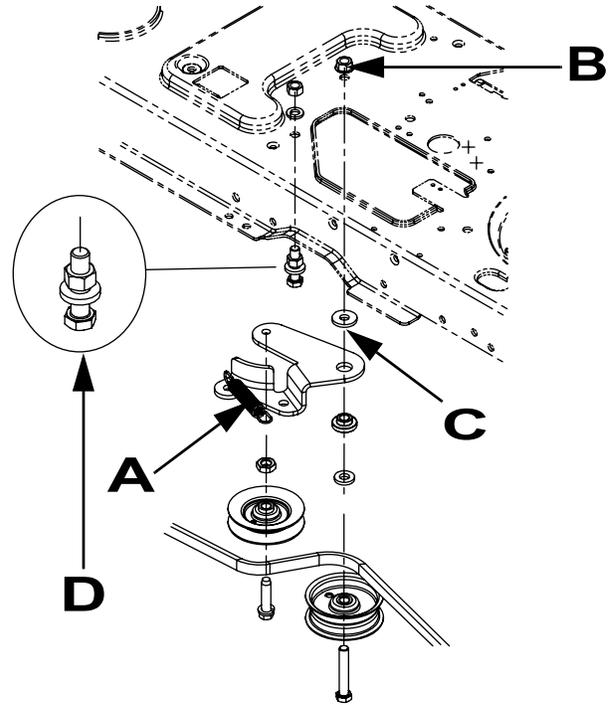


Figure 3.

**NOTE:** These materials are prepared for use by trained technicians who are experienced in the service and repair of equipment of the kind described in this publication, and are not intended for use by untrained or inexperienced individuals. Such individuals should seek the assistance of an authorized service technician or dealer.