



# Service Advisory



CC-671

Lawn Tractors and RZT

MTD-115

**Models Affected:** **CUB CADET I.R.** - LTX1050KW -13AF91AP010 and 13WF91AP010,  
LTX1050VT - 13VR91AP010 and 13WR91AP010  
LTX1050 - 13AP91AP010

**HOME DEPOT** Lawn Tractors - 13AF91AP056, 13AP91AP056, 31AX91AP056,  
13AX91AP256, 13RF91AP056, 13RP91AP056, 13RX91AP056, and 13RX91AP256

**TSC** Lawn Tractors - 13AX91AP009, 13VR91AP009, 13VR91AP009, 13VR91AP209,  
13WR91AP009, and 13WR91AP209

**COLUMBIA - RZT50** - 17AK2ACP597, 17BK2ACP597 and 17AK2ACP897

**CUB CADET I.R. - RZT 50KW** - 17AI2ACP010, 17AI2ACP710 and 17WI2ACP010  
**RZT VT** - 17VK2ACP010, 17BK2ACP010 and 17WK2ACP010

**HOME DEPOT RZT** - 17AA5B7P756, 17AA5D7P756, 17AI2ACP056, 17AI2ACP256,  
17AI2ACP756, 17RI2ACP056, 17RI2ACP256, 17RI2ACP756, and 17WI2ACP056

**MTD GOLD RZT** - 17AD2ACP004 and 17AF2ACP004

**TROY-BILT RZT** - 17AF2ACP011, 17AF2ACP066, 17AF2ACP211, 17AF2ACP711,  
17AF2ACP766, 17BF2ACP011, 17BF2ACP066, 17BF2ACP211, 17WF2ACP011,  
17AA5ABP766

**TSC RZT** - 17AA5D7P709, 17AI2ACP009, 17AI2ACP709, 17BA5A7P709,  
17BK2ACP009, 17VK2ACP009, and 17WK2ACP009

**WHITE OUTDOOR RZT** - 17AA557P790, 17AD2ACP790, 17AK2ACP090, 17AK2ACP290,  
17BA5A7P790, and 17BK2ACP090

**Serial Number Range Affected:** **Lawn Tractors** listed above built prior to February 25, 2010 (Date Code "...B250...")  
**RZT** units listed above built prior to March 1, 2010 (Date Code "...C010...")

**Date:** April 27, 2010

**Subject:** **50" Deck Drive Belt Loss - Idler Bracket and Belt Guide**

**SYMPTOM(S):** 50" deck drive belt jumps off the idler pulley and may result in belt, idler pulley and/or idler bracket damage. The new fabricated belt guide keeps the belt in closer into the idler pulley when deck drive is disengaged.

**ACTION REQUIRED:** This is to be considered a **Fix-As-Fail** repair.

**See Page 2 for CORRECTIVE ACTION**

**CORRECTIVE ACTION:**

1. Place lawn tractor or RZT unit on a flat and level surface.
2. Turn off the engine, remove the ignition key and set the parking brake ON.
3. Allow the engine and muffler to cool to room temperature before proceeding.

**PRE-SERVICE INSPECTION:**

4. Check for heavy debris that could have contributed to the belt coming off the pulleys. Clean deck off if required.
5. Inspect that the deck hanger welds are intact and the deck lift mechanism is operating evenly and freely.

**Lawn Tractors**

6. Look at the dual pulley idler. Does the existing belt guide look like the wire form guide in Figure 1A?

If YES, then order and install Service Kit **753-06413**  
See attached service kit instruction sheet.

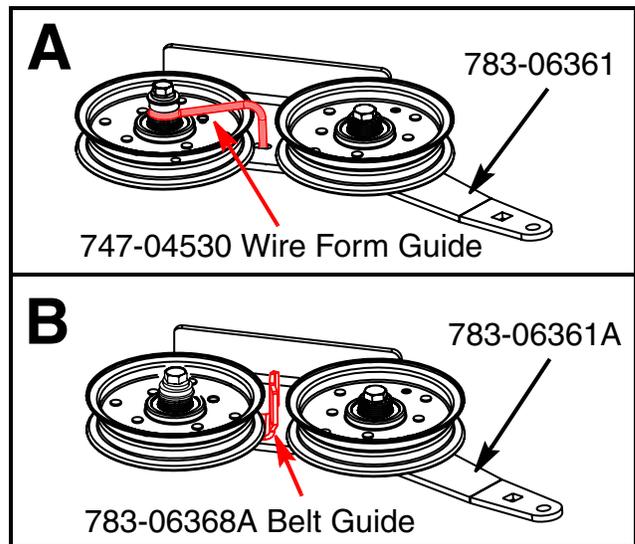
If NO, the existing belt guide looks like the fabricated one in Figure 1B, then the belt loss issue is due to something else other than the belt guide. Further inspection and analysis is required.

**RZT Units**

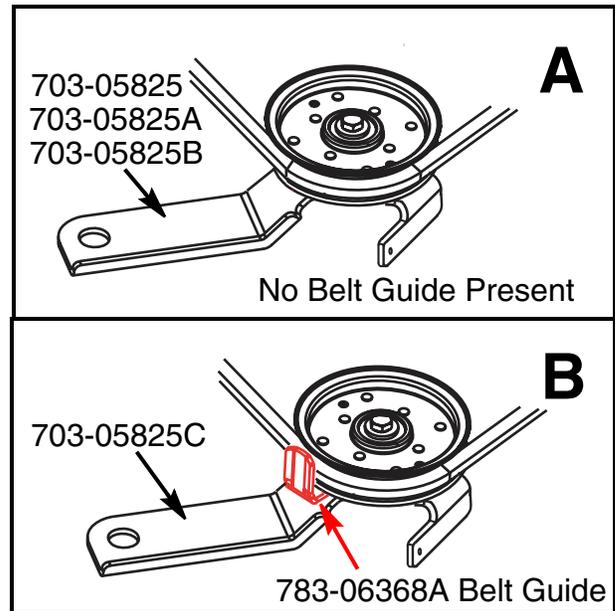
7. Refer to Figure 2A. Look at the single pulley idler. Is there an existing belt guide.

If NO, then order and install Service Kit **753-06414**.  
See attached service kit instruction sheet.

If YES, the existing belt guide looks like the fabricated one in Figure 2B, then the belt loss issue is due to something else other than the belt guide. Further inspection and analysis is required.



**FIGURE 1**



**FIGURE 2**

Warranty: Normal warranty terms apply.

**Lawn Tractors:** Indicate Service Advisory **CC-671** or **MTD- 115** and **P/N 783-06361** as the original failed part on the claim. Repair time allowance is **0.80 Hrs**. List model and serial number of the unit on claim.

**RZT Mowers:** Indicate Service Advisory **CC-671** or **MTD- 115** and **P/N 703-05825** as the original failed part on the claim. Repair time allowance is **0.80 Hrs**. List model and serial number of the unit on claim.

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

Circulate and Initial



# Service Kit

## 753-06413

## 753-06414

Date: April 27, 2010

Subject: 50" Deck Idler Bracket and Belt Guard Upgrade

Models Affected: Various Models

REF. S/A: CC-671 / MTD-115

**Read and understand these instructions thoroughly before proceeding.**

**PURPOSE:** These service kits provides the hardware required to install the latest production belt guard and idler arm bracket for those 50" decks on lawn tractors (753-06413) that used the wire form belt guard or on RZT units (753-06414) that did not have a belt guard on the tensioning idler.

**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.

**NOTE:** Save this Instruction Sheet. Refer to it when ordering replacement parts.

### Service Kit 753-06413 Contents for Lawn Tractors (See Figure 1)

ITEM NO.	PART NUMBER	QTY	DESCRIPTION
1	783-06361A-0637	1	BRKT:IDLER ARM (for LAWN TRACTOR)
2	783-06368A-0637	1	GUARD:BELT: 46" OFFSET
3	*	1	THIS INSTRUCTION SHEET

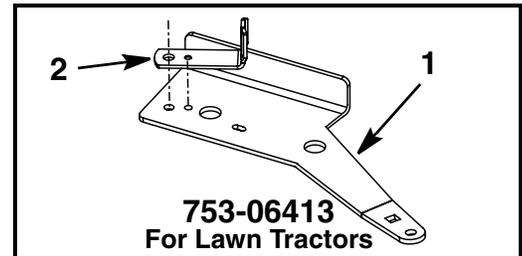


FIGURE 1

### Service Kit 753-06414 Contents For RZT Units (See Figure 2)

ITEM NO.	PART NUMBER	QTY	DESCRIPTION
1	703-05825C-0637	1	BRACKET: IDLER ARM (for RZT)
2	783-06368A-0637	1	GUARD:BELT: 46" OFFSET
3	710-3144	1	SCREW: 3/8"-16 x 2.0" LG: GR5
4	*	1	THIS INSTRUCTION SHEET

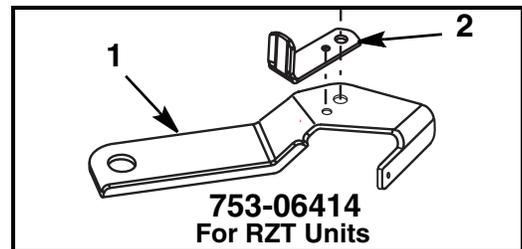


FIGURE 2

\* - Not Available Separately

#### Pre-Service Preparation:

1. Place unit on a flat and level surface.
2. Turn off the engine, remove the ignition key, set the parking brake to ON.
3. Allow engine and muffler to cool before proceeding.
4. Remove spark plug wire(s) from the spark plug(s) and ground to the engine block.

#### Removal Procedure:

5. Position the cutting deck to the height that places the PTO belt level with the belt at the electric clutch pulley.
6. If so equipped, loosen one side of the engine pulley belt guard sufficiently to be able to slip the belt off of the electric clutch pulley in the next step.

6. Remove the tension on the PTO belt by carefully moving the deck's tensioning idler away from the belt and slipping the belt off of the electric clutch pulley.
7. Remove the deck from under the rider. **NOTE: Refer to the Operator's Manual for deck removal procedure.**
8. Locate the PTO belt's pivoting idler on the deck.

#### 753-06413 For Lawn Tractors

9. Remove and retain the pivoting idler pulley and it's mounting hardware from the idler arm bracket. Discard the wire form belt guard.

NOTE: The screw is a self-tapping screw.

10. Remove the extension spring from the idler arm bracket.
  11. Remove the idler arm bracket from the deck. Retain the mounting hardware and fixed idler pulley. Discard the pivoting idler bracket.
  12. Grease the bottom side of the new Idler Arm Bracket, 783-06361A (Ref. Item 1), and the shoulder spacer's and idler bracket's mating surfaces.
  13. Install the new idler arm bracket and stationary idler pulley onto the deck using the hardware removed in Step 11. See Figure 3.
  14. Place the new Belt Guard, 783-06368A (Item 2), onto the new idler arm bracket. Ensure that the boss on the bottom of the belt guard sets into the hole provided in the idler arm bracket to properly orient the belt guard. See Figure 1.
  15. Refer to Figure 3. Using the parts removed in step 9, place the spacer, 750-3119, between the new belt guard and the pivoting idler pulley, 756-04129B.
- Place the thin washer, 736-0300, on top of the pulley hub followed by the thick washer, 736-3010.
16. Secure the pivoting idler assembly to the pivoting idler bracket with the existing self-tapping screw, 710-1008.
  17. Re-install the extension spring. See Figure 3.
  18. Re-install the deck drive belt. Replace if damaged.
  19. Re-install deck under the lawn tractor.

### 753-06414 For RZT Units

20. Remove the idler pulley and its' mounting hardware from the existing idler arm bracket. Discard the 3/8"-16 x 1.75" long screw only.
21. Remove the idler arm bracket from the deck. Retain the all mounting hardware. Discard the idler arm bracket.
22. Grease the bottom side of the new Idler Arm Bracket, 703-05825C (Item 1), and the shoulder spacer's and idler arm bracket's mating surfaces.
23. Install the new idler arm bracket onto the deck using the hardware removed in Step 21. See Figure 4.
24. Place the new Belt Guard, 783-06368A (Item 2), onto the new idler arm bracket. Ensure that the boss on the bottom of the belt guard sets into the hole provided in the idler arm bracket to properly orient the belt guard. See Figure 2.
25. Secure the idler pulley on top of the new belt guard to the new idler arm bracket with the new 3/8"-16 x 2.0" Hex Head Screw (Item 3) and hardware removed in step 20.
26. Re-install the extension spring. See Figure 4.
27. Re-install the deck drive belt. Replace if damaged.
28. Re-install deck under the RZT rider.

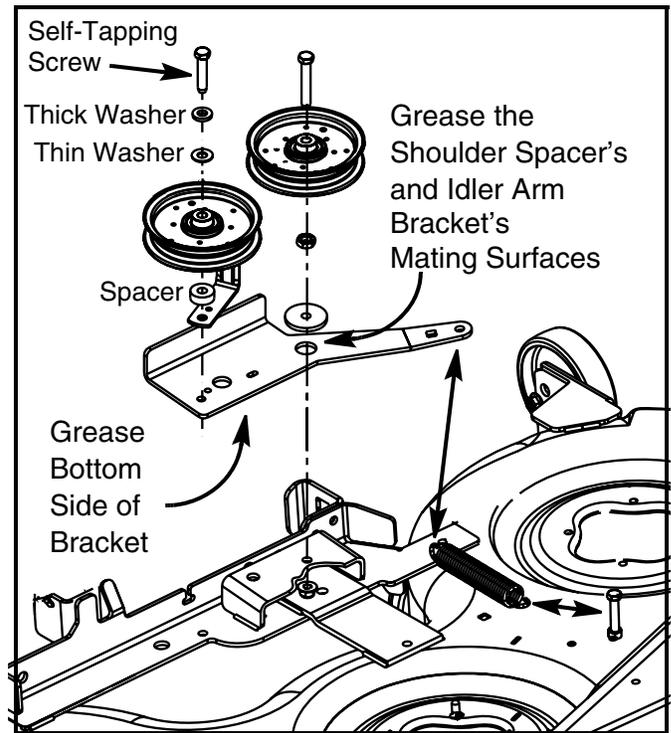


FIGURE 3

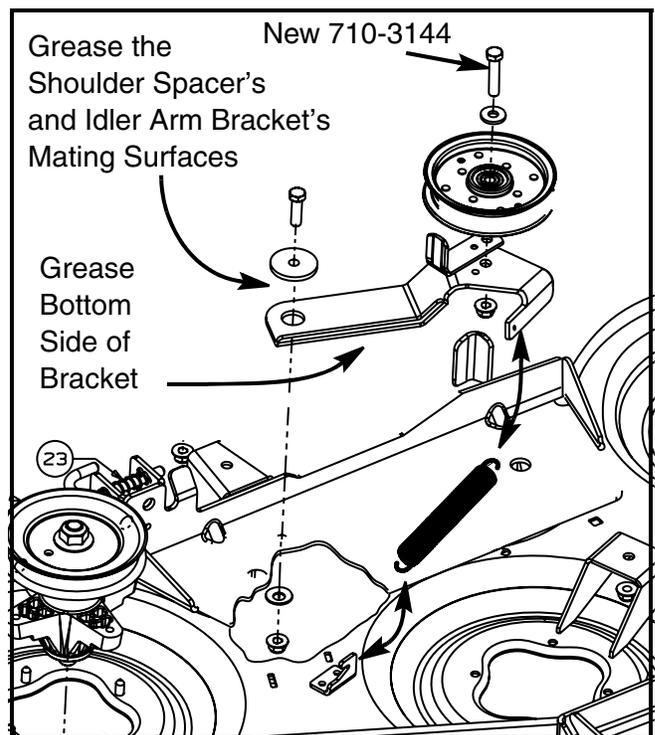


FIGURE 4