



Service Kit 753-05436A

Date: 10/11/2007

Subject: 46" DDI (Dual Idler) w/ Electric PTO Decks - Premature Belt Wear and Belt Loss

Models Affected: 2006 Model Year - 600 Series Auto-Drive Tractors, 2006 MY Cub Cadet 1000 Series Tractors and 2007 MY Cub Cadet 11046 (Time Saver) Models (17AF9BKH709, 17AF9BKH710 and 17AF9BKH756)

Read through and understand these instructions completely before proceeding with repair.

PURPOSE: During deck operation some units exhibited interference between opposite running sides of the belt between the two idler pulleys and/or the belt jumping off of the idlers. Use this kit to improve the running clearance between the idler pulleys and belt surfaces and reduce the potential of the belt jumping off the deck idlers.

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 Contents

(See Figure 1)

ITEM NO.	PART NUMBER	QTY	DESCRIPTION
1	754-04153	1	BELT:"V": "A" SECT x 122"
2	756-0627D	1	PULLEY: IDLER: 3.50" DIA.
3	783-05463	1	BRACKET:SUPPORT:IDLER:46" ELEC
4	710-0599	1	SCREW:TAPTITE:1/4"-20 x .50
5	783-05118	1	BRACKET: IDLER: 46" ELEC
6	712-0229	2	NUT: PUSH: 3/8" (Not Shown)
7	712-04065	2	NUT: FLANGE LOCK:3/8"-16:
8	736-3010	1	WASHER: FLAT: .407 x .812 x .135
9	*	1	THIS INSTRUCTION SHEET

* - Not Available Separately

NOTE: This kit contains the 754-04153 belt and 756-0627D idler pulley. Your deck may already have the correct idler pulley and belt if the predecessor service kit, 753-05436, was installed previously. However, the existing Idler "A" with its' 3.5" pulley should be replaced.

Pre-Service Preparation:

1. Place tractor on a flat and level surface, turn OFF engine, set the parking brake ON, and remove the ignition key. Allow the engine and muffler to cool before proceeding.
2. Place the PTO/Blade Engage knob in the disengaged (OFF) position.
3. Refer to the **Operator's Manual, Service - Cutting Deck Removal section** and remove the deck from under the tractor.

Installation Instructions:

4. Refer to Figure 2. Using a 9/16" socket and ratchet and a 9/16" box wrench, remove and discard the locknut from the underside of the deck that retains Idlers "A" and "B". Retain the bolt and thick flat washer.

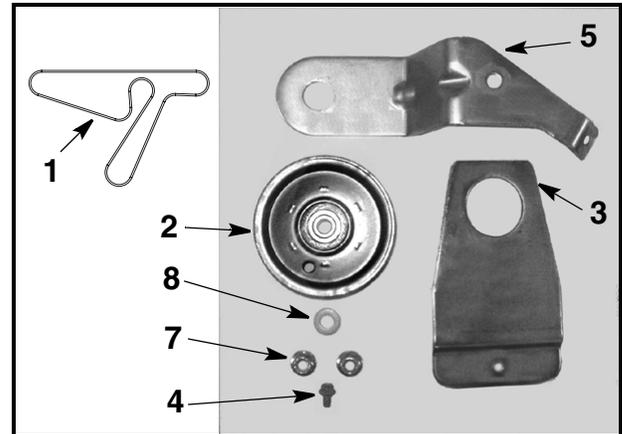


FIGURE 1

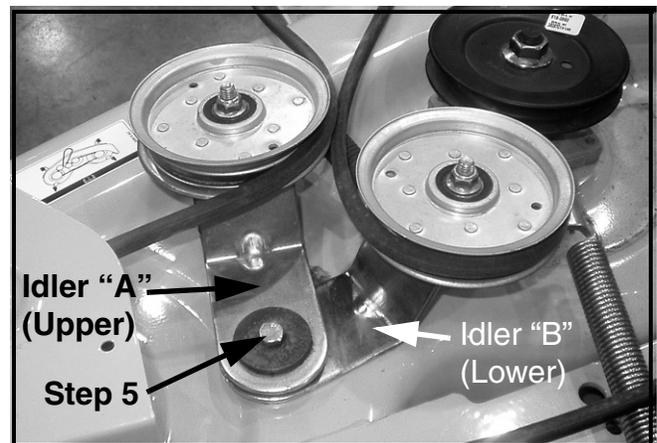


FIGURE 2

5. Remove the extension spring from Idler "A".
6. On Idler "A", using a 9/16" socket and ratchet and a 9/16" box wrench, remove the bolt and lock nut securing the pulley to the idler bracket. Discard the lock nut and pulley. Retain the bolt.

7. Refer to Figure 3. With a thin flat blade screw driver and pair of long nose pliers, remove and discard the push nut(s) retaining the 3/8"-16 x 1.75" bolt and shoulder spacers to Idler "A" bracket. Discard the push nut(s) and idler bracket. Retain the bolt and shoulder spacers.

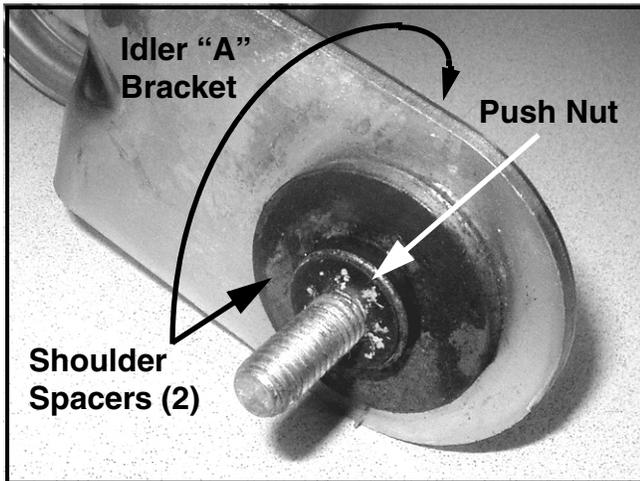


FIGURE 3

8. Install the new 3.50" Idler Pulley, Item 2, with the Flat Washer, Item 8, onto the new Idler Bracket, Item 5, using the bolt removed in Step 7 and a new Flange Lock Nut, Item 7. The higher pulley hub side and flat washer face the idler bracket. Tighten hardware securely. See Figure 5.

Idler Support Bracket Installation:

9. Re-attach Idler "A" extension spring to the new Idler "A" assembly. Ensure both idler's have their springs attached at both ends. See Figure 4.

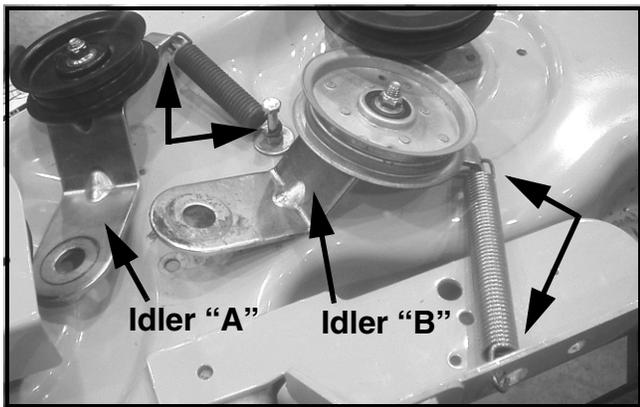


FIGURE 4

10. Pre-assemble the dual idler stack onto the 3/8"-16 x 1.75 bolt removed in Step 7 as shown in Figure 5. Ensure that a new Push Nut, Item 6, is installed onto the bolt after each shoulder spacer.

NOTE: As the dual idler stack is assembled, lightly lubricate the contact areas of the mating surfaces with a lithium grease. Ensure that the inside edges of both idler brackets and support plate pivot bores are lubricated.

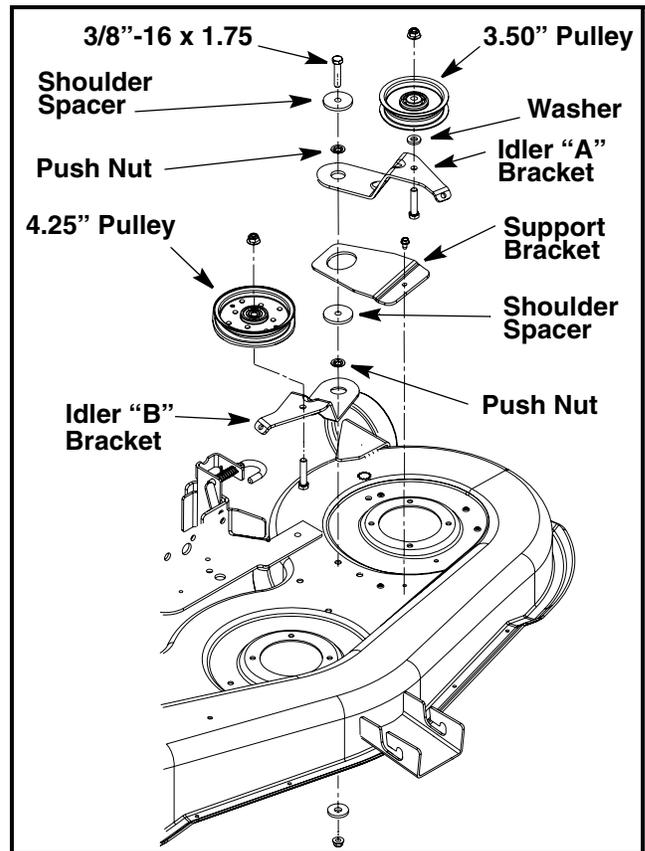


FIGURE 5

11. Install the pre-assembled dual pulley stack onto the deck and secure with the thick washer, removed in Step 5, and a new Flange Lock Nut, Item 7. Tighten mounting hardware.

NOTE: Ensure that both idler assemblies and the Support Bracket, Item 3, move freely.

12. Position the Support Bracket so that the bracket's forward edge is parallel to the line formed by the deck's contour at that point. The dimension from the edge of the Support Bracket to the closest side of the spindle housing should be 1-1/8" See Figure 6.

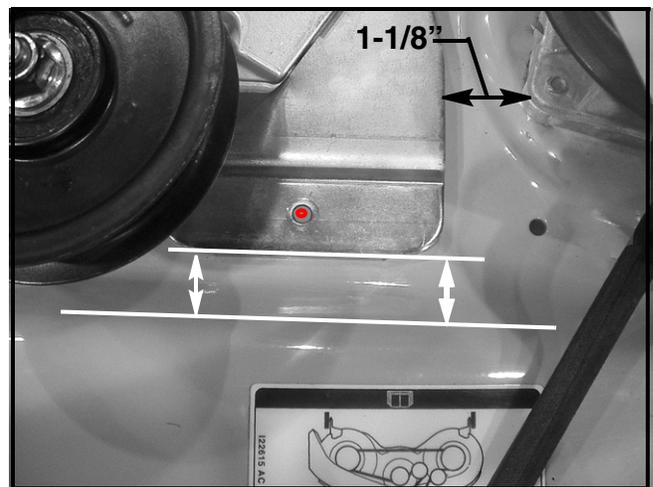


FIGURE 6

13. Using a sharp 1/8" diameter drill bit and a power drill driver, using the center of the hole in the Support Bracket as a template, drill a pilot hole into the deck.

14. Using a sharp 7/32" drill bit, open the 1/8" pilot hole to 7/32" diameter.

15. Using a 3/8" socket and ratchet, secure the Support Bracket to the deck with the supplied 1/4"-20 Taptite Screw, Item 4.

Re-installation of the Cutting Deck:

16. Remove the existing "V" belt from the deck.

17. Install the new "V" Belt, Item 1, onto the deck. Follow the routing guide label attached to the deck or the diagram in the Operator's Manual.

18. Re-install the cutting deck to the tractor in accordance with the instructions in the **Service/Maintaining Your Tractor** section, **Reinstalling the Cutting Deck** paragraph in the **Operator's Manual**.

This completes the installation of this service kit.

NOTES