



# Service Kit

## 753-05098

Date: 6/3/2005

Subject: 50" Cutting Deck Idler Hardware Upgrade for 2005 Model Year Garden Tractor Units

Models: 14AP13CP603, 14AK811P705;  
Affected: and 14A9816P790

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

PURPOSE: A spacer replaces the flat washer under the idler pulley to improve the belt path alignment.

**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.

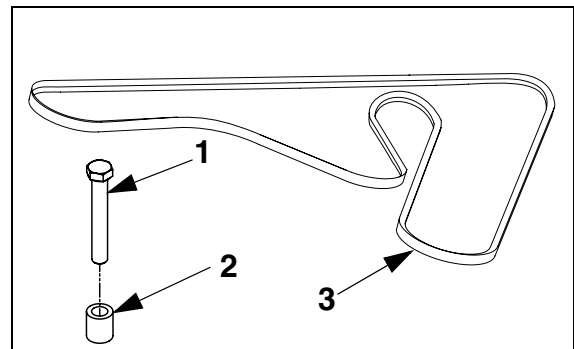
### Service Kit Contents

(See Figure 1)

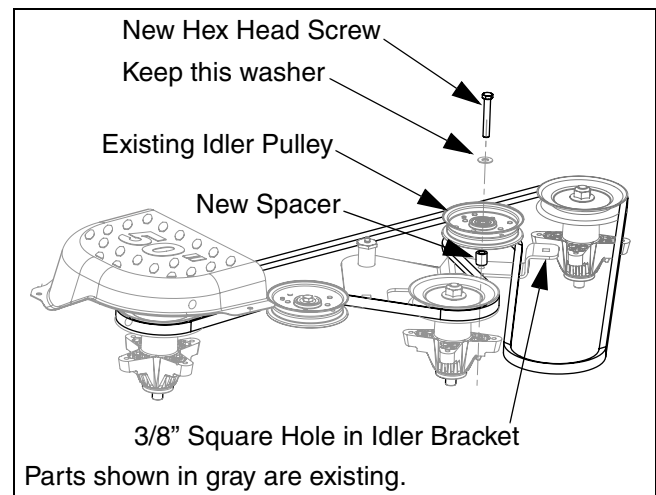
ITEM NO.	PART NUMBER	QTY	DESCRIPTION
1	710-0859	1	SCREW: HEX HEAD: 3/8-16 X 2.50 GR5
2	750-0807	1	SPACER: .385 ID X .625 OD X .700
3	754-04077	1	BELT: V-TYPE: B Sec x 134" ARAMID
4	769-01919	1	THIS INSTRUCTION SHEET

#### Installation Instructions:

1. Turn off engine, remove key from ignition switch and allow engine and muffler to cool.
2. Disconnect the spark plug wire(s) from the spark plug(s) and ground wire(s) to the engine block.
3. Lower cutting deck to lowest position.
4. Locate the 3/8" square hole in the idler bracket. See Figure 2. Using a 3/8" drive breaker bar or long handle ratchet in the 3/8" square hole, rotate idler bracket to release tension in the belt and slip the belt off of the idler pulley. CAUTION: Idler bracket is under a high spring force.
5. Using a 9/16" box wrench and a 9/16" socket and ratchet remove the idler pulley from the idler bracket. Discard the bolt and the flat washer that is between the idler pulley and idler bracket. Retain the idler pulley, upper washer and hex flange lock nut for reinstallation later.
6. Place the Spacer, Item 2, between the idler pulley and the idler bracket. See Figure 2.
7. Using the new Hex Head Screw, Item 1, secure the upper flat washer (retained in Step 5), idler pulley and new spacer to the idler bracket with the hex flange lock nut removed in Step 5. Tighten securely.
8. Remove and discard the old belt. Install the new deck drive Belt, Item 3, using the 3/8" drive breaker bar or long handle ratchet in the 3/8" square hole of the idler



**FIGURE 1**



**FIGURE 2**

bracket to move the tensioning idler to facilitate belt routing.

9. Check that the deck drive belt is properly routed around blade spindle and idler pulleys. See Figure 2.
10. Replace spark plug wire(s) onto the spark plug(s).
11. This completes deck belt tensioning idler hardware update.