



# Service Kit

## 753-04877

Date: 9/16/2004

Subject: Deck Idler/ Blade Brake Spring

Models Affected: 2003 and 2004 Model Year 600-619 Series AutoDrive Tractors having the 38" or 42" two belt cutting deck.

**PURPOSE: Read through and understand these instructions completely before proceeding with repair.** Under some operational conditions which result in higher stresses in the deck belt idler/blade brake spring, 732-0470A, premature spring failure may occur. **Service Kit 753-04877**, see back side of this sheet, provides an extension spring and required mounting hardware to help alleviate the spring stresses.

**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	710-0888	1	BOLT: HEX: 5/16-24 X 1.0 GR5
2	712-3025	1	NUT: JAM: 5/16-24
3	712-3057	1	NUT: HEX: 5/16-24 GR5
4	732-0384	1	SPRING: EXTENSION
5	769-01411	1	THIS INSTRUCTION SHEET

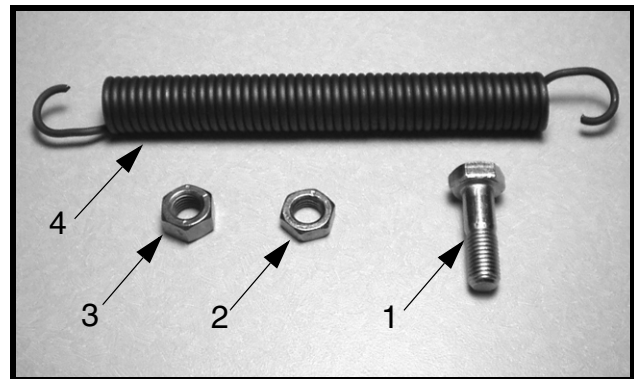


FIGURE 1

#### Pre-Service Preparation:

**NOTE:** *Reference to left, right, forward and rear are from the operator's position facing forward.*

1. Place the tractor on a flat surface.
2. Turn off the engine and remove the key from the ignition switch.
3. Allow the engine and muffler to cool.
4. Disconnect the spark plug wire from spark plug and ground to the engine block.
5. Refer to your Operator's Manual to remove the cutting deck from the tractor. Slide the cutting deck out from the right side of the tractor.

#### Spring Removal and Installation:

6. Refer to Figure 2. Using a spring puller, remove the original spring between the tensioning idler and the blade brake arm. **CAUTION:** Spring is under load.

7. Thread the Hex Nut, Item 3, onto the Hex Bolt, Item 1, until the nut is against the end of the threads. Tighten.

**NOTE: It is strongly recommended that Loctite Threadlocker Blue or equivalent (obtained locally) be used during the installation of the Hex Bolt and Jam Nut.**

8. Using the Jam Nut, Item 2, from under the tension idler, attach the Hex Bolt assembly (from Step 7) into the tension idler hole. Tighten securely.

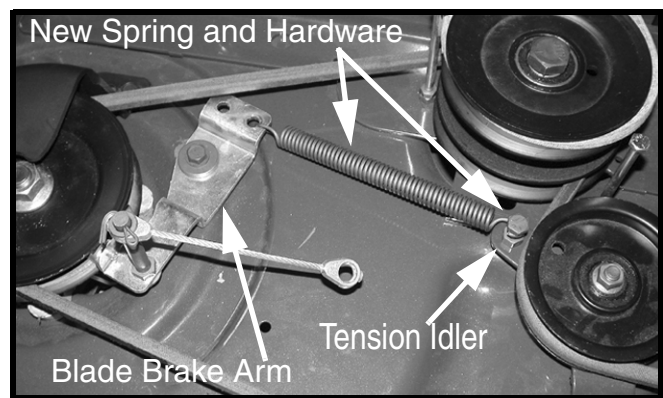


FIGURE 2

9. Install the new Extension Spring, Item 4, as shown in Figure 2.

10. Re-install the cutting deck to the tractor.