



Service Update



50" Cutting Deck
Shown on a Husky 608 Lawn Tractor



MTD Products LLC - Product Training and Education Department

FORM NUMBER

5/2004

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50" Cutting Deck Update

50" CUTTING DECK



The Lawn Tractor used for service update procedures was a "Huskee" model 13AR608P731 / 1C184H20069.

This is the largest cutting deck that we have ever put on a 600 Series Lawn Tractor with the step-thru frame. The obvious thought is the high horse power and a big deck on a small frame tractor is an excellent combination for cutting grass.

The deck is made of heavy steel with all steel spindle covers that completely covers the blade spindle area. The design has the appearance of Diamond Plate on top of the belt cover. This deck is a floating deck.

The cutting deck has a deep draw, which is good for mulching or bagging. The twin bagger assembly is Model OEM 190-192 and a Mulch Kit is OEM190-193. The Blades are # 742-04053. All three blades are the same.

Right side view showing the discharge chute and the heavy steel spindle cover. See Figure 1.



Figure 1

The deck removal is the same as any other size deck on the step-thru style frame. Just pull the "J" Pins and push the deck forward and off the front stabilizer support bracket. See Figure 2.

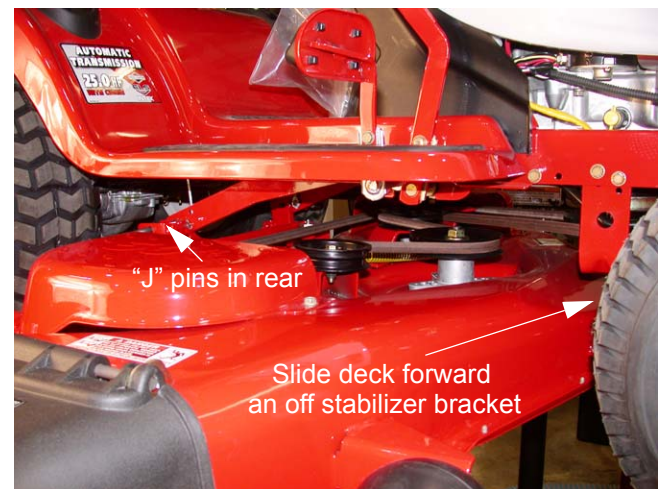


Figure 2

The deck blade belt is easily removed from the electric PTO on the engine. See Figure 3.

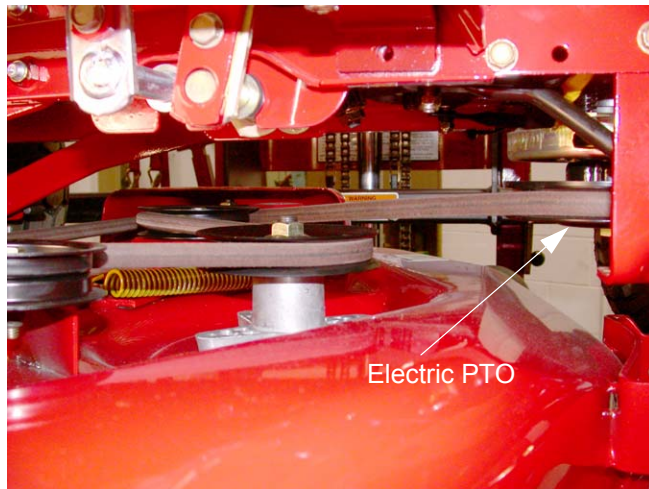


Figure 3

The front support is adjustable the same as units with a 46 inch deck and connects to the front bracket assembly on the deck. The new design appears that it is made to accommodate a front roller in the future. See Figure 4.

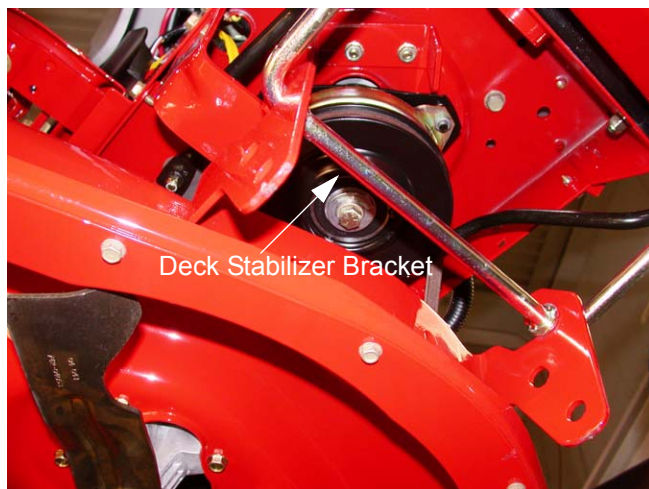


Figure 4

The underside of deck showing the three blades. See Figure 5.



Figure 5

Looking from under the deck viewing the toe guard and discharge chute. See Figure 6..



Figure 6

The front and rear gauge wheels have four positions for adjustment. See Figure 7.



Figure 7

Showing the discharge chute and toe guard area. See Figure 8.

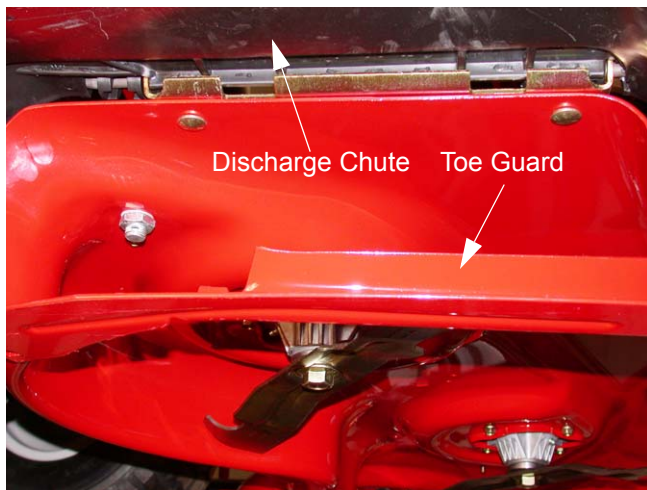


Figure 8

View with the deck removed. Loop shown goes around the electric PTO. See Figure 9.



Figure 9

The complete deck removed from the Lawn Tractor and on a deck cart for servicing. Note the belt routing which is also displayed on a label on the deck. Also note the spindle assembly numbers on the spindle pulleys. See Figure 10.



Figure 10

When reassembling the deck on the tractor it is necessary to turn the belt tension idler bracket to allow slack in the belt when placing it around the PTO pulley. Two holes are provided for placement of a breaker bar. See Figure 11.



Figure 11

The belt tension idler bracket showing the holes for the breaker bars and the grease fitting on the pivot shoulder bolt holding the bracket. It is necessary to loosen the idler pulley to remove the belt. See Figure 12.

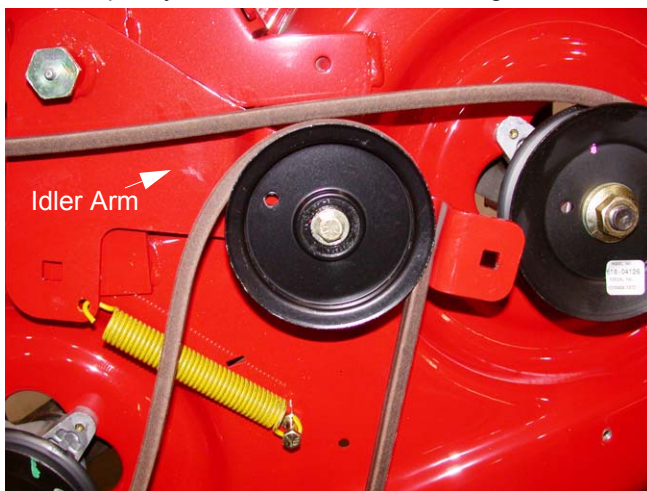


Figure 12

The extension spring is easily removed by placing a 3/8 " breaker bar in the bracket and pushing upward. This removes any tension on the spring. See Figure 13.

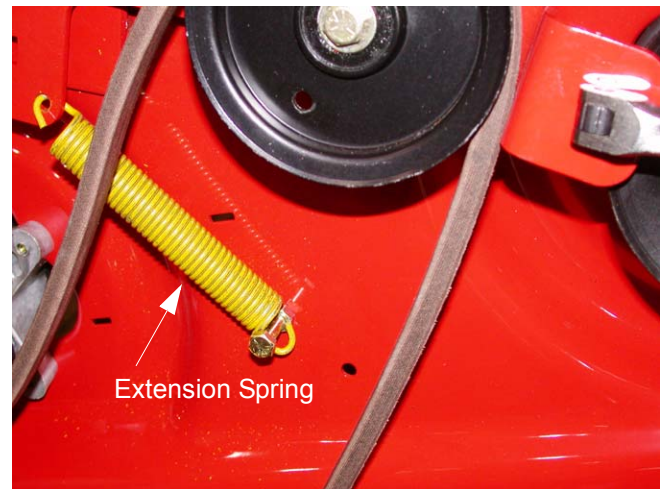


Figure 13

The Idler bracket removed showing the hole in the pivot bolt for lubrication of the sleeve. Also note the shoulder on the idler goes down. See Figure 14.

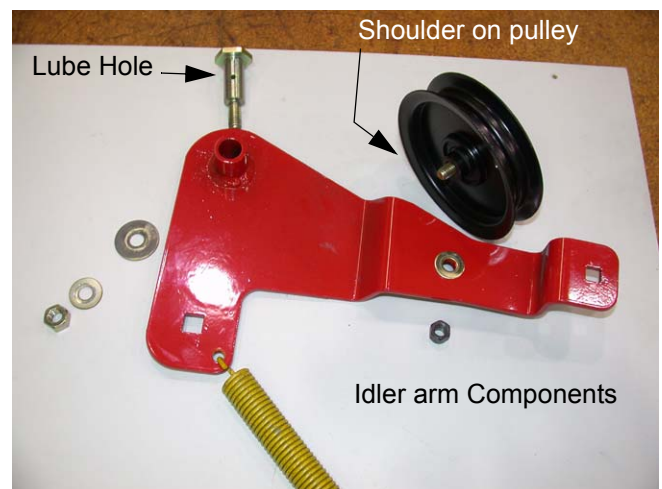


Figure 14

View of the blade spindle showing the position of the grease fitting for lubrication. See Figure 15.



Figure 15

View showing the blade alignment and tolerance between blades of 3/16. See Figure 16.



Figure 16

The brake /clutch safety switch location just in front of the steering gear segment. See Figure 17.

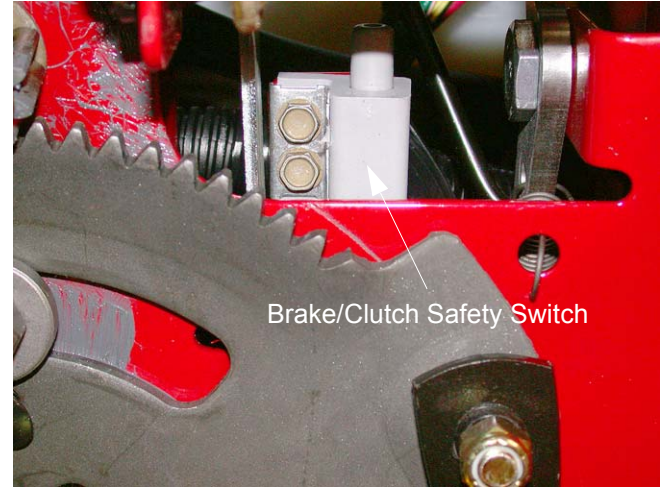


Figure 17

An updated view of the transmission shift rod, the neutral adjustment ferrule, and the reverse safety switch. See Figure 18.

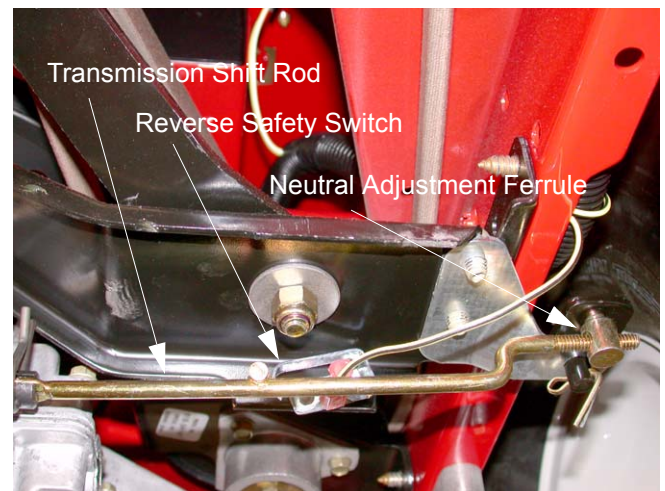


Figure 18