



Service Advisory

MTD-089

(Walk Behind Mower - Self Propelled)

Models Affected: 830 and 860 Series 4 Speeds
Serial Number Range Affected: 2008 Model Year units built after January 3, 2008 (Date Code "...A038...")
Date: 5/30/2008
Subject: Self-propelled speed range adjustment.

ACTION REQUIRED: This advisory is **INFORMATIONAL ONLY**

PURPOSE: This informational advisory provides the procedure to adjust the speed range of the speed control.

DISCUSSION:

- Using a 1/4" socket and ratchet or driver, remove the three screws holding the cover to the bottom of the control panel. See Figure 1 inset.
- Pull down on the cover to remove it. See Figure 1.

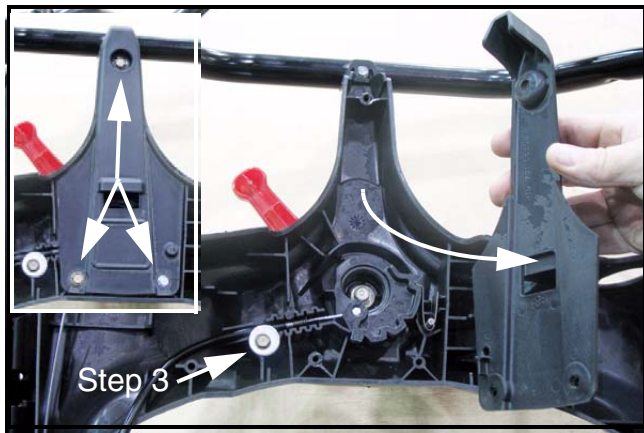


FIGURE1

- Using a 5/16" socket and ratchet or driver, remove the cable clamp screw and washer that holds the speed control cable in place. See Figure 1.

NOTE: Take note of which slot the end fitting of the cable housing is in. Typically, you should only move the cable by one slot, on occasion it may be off by a couple of slots.

- Pull the cable housing free of the adjustment slot in the control panel. The fitting at the end of the cable housing (see Figure 2 inset) is usually placed in the notch that is second-nearest the control lever assembly. See Figure 2.

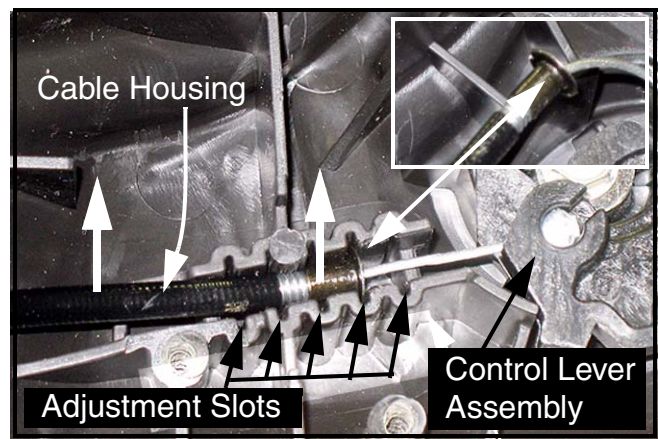


FIGURE 2

- Moving the cable's end fitting into a notch that is closer to the control lever assembly will shift the range of available ground speeds in a **slower** direction.

NOTE: Moving the cable too far in either direction will take away speed differentials. Moving the cable too close to the control lever assembly will make speeds 1 and 2 essentially equal. Moving the cable too far from the control lever assembly may result in speeds 3 and 4 being nearly equal.

Moving the cable's end fitting to a notch that is further from the control lever assembly will shift the range of available ground speeds in the **faster** direction.

- Set the speed control cable end fitting into a slot in the direction that you wish to increase or decrease speed range. Replace the cable clamp screw and washer.
- Test run the unit through all speeds to ensure the setting desired. Readjust (Steps 5 and 6) as necessary.
- Replace control cover.

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