Form No. 3355-348 Rev A

Speed Limiter Kit

For Sand Pro® 3040 and 5040 Traction Unit

Model No. 110–1371

Installation Instructions

Note: Determine the left and right sides of the machine from the normal operating position.

Step 1

Installing the Speed Limiter

Parts needed for this step:

1	Bolt (5/16 x 1-1/4 inches)
1	Bolt (5/16 x 5 inches)
1	Jam nut (5/16 inch)
1	Speed limit lever assembly
1	Spacer
1	Wave washer
1	Flat washer (5/16 inch)
1	Traction pedal stop
1	Spring bracket
1	Spring
1	Spring adjustment pin

Procedure

1. Remove the nut, spacer, wave washer, flat washer and bolt securing the traction pedal to the pivot tube under the floor plate (Figure 1). Retain both washers for use in the installation of the kit.

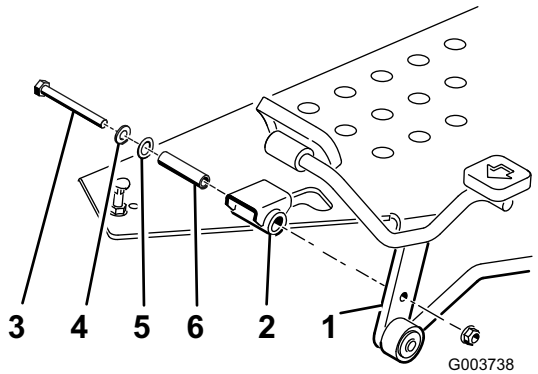


Figure 1

1. Traction pedal assembly
2. Pivot tube
3. Bolt
4. Flat washer
5. Wave washer
6. Spacer

2. Thread the jam nut (5/16 inch) half way onto the speed limiter bolt (5/16 x 1-1/4 inches) (Figure 2).
3. Thread the speed limiter bolt (5/16 x 1-1/4 inches) into the top of the tab on the speed limiter lever (Figure 2). Do not tighten the jam nut at this time.
4. Insert the new longer bolt (5/16 x 5 inches) through the hole in the traction pedal (Figure 2). The bolt is to be inserted from the left side of the traction pedal.
5. Insert the new spacer and speed limit lever onto the bolt as shown in Figure 2.
6. Secure the speed limiter assembly and the traction pedal to the pivot with the previously removed wave washer, flat washer (5/16 inch) and new lock nut (Figure 2). Do not overtighten the nut as the components must pivot freely.
7. Remove the nut, securing the traction pedal stop bolt to the underside of the floor plate (Figure 2). Do not change the height of the pedal stop.
8. Insert the spring bracket onto the stop bolt and the spring bracket tab into the hole in the floor plate (Figure 2). Secure the spring bracket to the bolt with the nut previously removed.
9. Hook the extension spring to the speed limiter assembly tab and to the adjustment pin (Figure 2).
10. Insert the spring adjustment pin through the hole in the spring bracket and secure with a lock nut (Figure 2).
11. Adjust the speed limiter bolt to attain the desired amount of pedal travel and tighten the jam nut (Figure 2).
12. Tighten or loosen the spring adjustment pin nut to attain the desired amount of force on the speed limiter (Figure 2).

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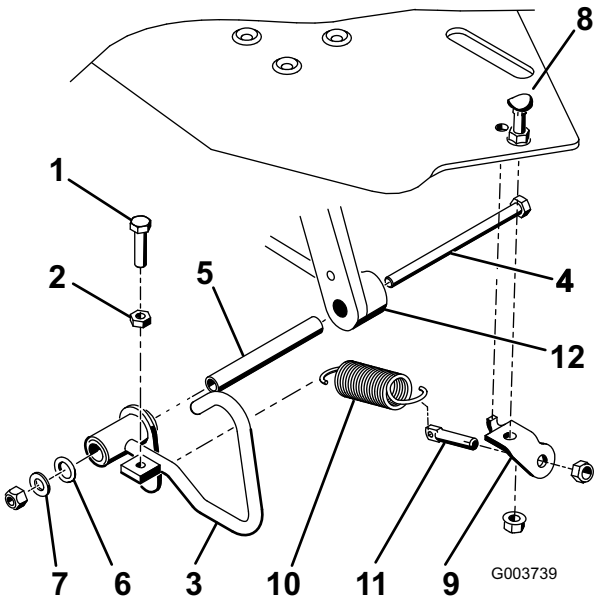


Figure 2

1. Speed limiter bolt (5/16 x 1-1/4 inches)
2. Jam nut
3. Speed limit lever assembly
4. Long bolt (5/16 x 5 inches)
5. Spacer
6. Wave washer
7. Flat washer (5/16 inch)
8. Traction pedal stop
9. Spring bracket
10. Extension spring
11. Spring adjustment pin
12. Traction pedal

Step 2

Reading/Storing the Documentation

Parts needed for this step:

1	*Installation Instructions*
1	*Parts Catalog*

Procedure

1. Read the documentation.
2. Store the documentation in a safe place.