

DR TRIMMER MOWER

Beaver Blade Bolt/Spacer/Brake Kit# 321851



This Kit applies to Premier, Pro, and Pro XL model Trimmers with serial number TRM156200 and above. It does not apply to any Pilot or Pilot XT Trimmer.

These instructions are for the installation of the Beaver Blade Kit. Refer to your Trimmer/Mower Safety and Operating Instruction manual and your Beaver Blade Safety and Operating Instruction manual for the safe operation of your Trimmer/Mower. Please keep these instructions with those manuals for future reference.

Note: This is a one-time procedure. The secondary Brake will remain on your Trimmer/Mower even when you're not using the Beaver Blade.

Parts Supplied (Figure 1):

Item #	Part #	Description	Qty
1	325161	Rod, Connecting, Secondary Brake	1
2	323471	Support, Secondary Brake	1
3	323481	Arm, Secondary Brake	1
4	325151	Bolt, Shoulder, 1/4" Dia x 1", 10-24	1
5	325221	Washer, Flat, .203" x .50" x .09"	1
6	127881	Nut, KEPS, 10-24	1
7	312831	Nut, Lock, 1/4-20, Serrated Flange	2
8	143991	Spring, E, .500" x .049" Wire x 1.5"	1
9	111491	Bolt, HCS, 1/4-20 x 1", Gr5	2
10	321831	Beaver Blade Spacer	1
11	118731	Nut, Nylon Lock, 10-24	2
12	323441	Screw, 10-24 x 1, Fillister, ZP	2
13	325141	Pad, Secondary Brake	1
14	352601	Bolt, HCS, 3/8-16 x 1", GR8	1

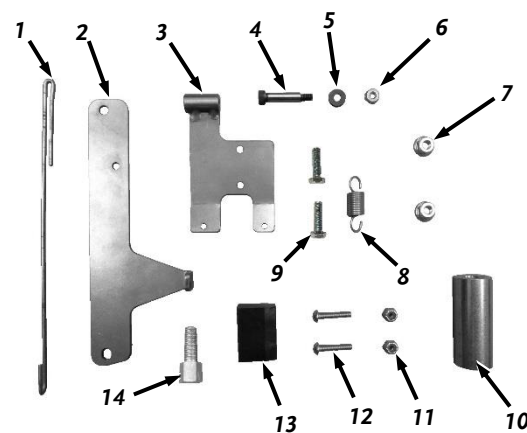


Figure 1

Compare the contents of the Shipping Box with the "Parts Supplied" list above. If you have any questions please contact us at www.DRpower.com or call 1-800-DR-OWNER (376-9637) for assistance.

WARNING

Before performing any maintenance procedure or inspection, stop the Engine, wait five minutes to allow all parts to cool. Disconnect the Spark Plug wire, keeping it away from the Spark Plug.

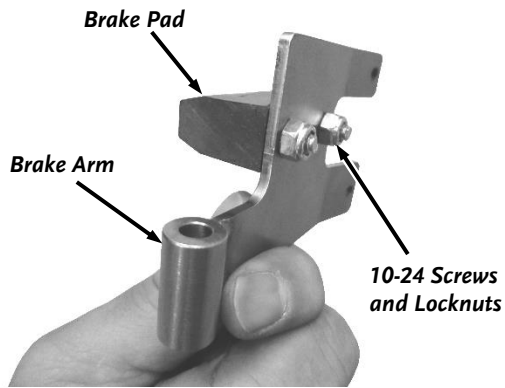


Figure 2

Assembling the Secondary Brake

Tools Needed:

- Phillips head Screwdriver
- 3/8" Wrench
- 1/8" Allen Wrench
- 7/16" Wrench

1. Secure the Brake Pad to the Brake Arm with two 10-24 Screws and Locknuts using a Philips Head Screwdriver and a 3/8" Wrench (**Figure 2**).

2. Install one end of the Spring hook into the small hole in the Support and the other Spring hook into the lower small hole in the Brake Arm with the Hooks facing out (**Figure 3**).

Note: The Spring hooks need to face as shown to ensure the spring stays securely in place.

3. Secure the Brake Arm to the Support with the 10-24 Shoulder Bolt, Washer, and KEPS Nut using a 1/8" Allen Wrench and a 3/8" Wrench (**Figure 4**).

Note: Make sure the plastic washer is between the Brake Arm and the Support.

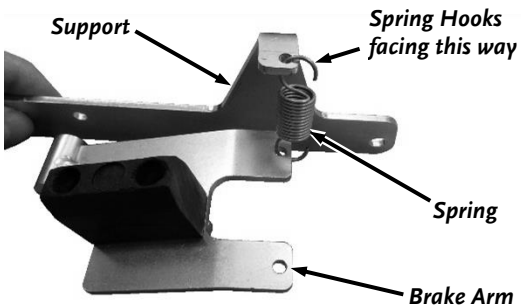


Figure 3

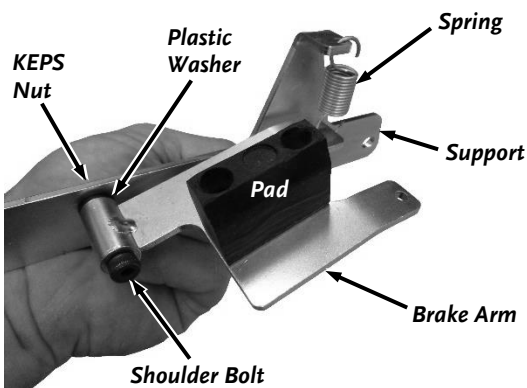


Figure 4

Installing the Secondary Brake Assembly onto the Trimmer/Mower

1. Tip the machine back onto the Handlebars to access the underside.
2. Remove the Trimmer Cords from the Head Assembly (**Figure 5**).
3. Remove the four Trimmer Guard Bolts and Flat Washers with a 3/8" Wrench. Remove the Trimmer Guard.
4. Remove and discard the two rear Spindle Bolts that secure the Spindle to the Frame using a 3/8" wrench (**Figure 6**).
5. Install the two 1/4-20 X 1" bolts into the rear Spindle Bolt mounting holes using a 7/16" wrench.
6. Position the Brake Assembly over the threads of the Bolts you just installed.

Note: You may need to pull on the Brake Arm to get the "spring loaded" Assembly to go far enough over the Spindle Bolt threads.

7. Tightly secure the Brake Assembly with two 1/4-20 Serrated Flange Locknuts using a 7/16" Wrench.

Note: As you tighten the Locknuts, the Secondary Brake Assembly will twist into position.

8. Insert the Shorter hook end of the Connecting Rod into the hole of the Idler Bracket, then pivot the Bracket as shown so the other end of the Connecting Rod can be positioned next to the Secondary Brake Assembly (**Figure 7**).
9. Pull the Brake Arm toward you so the longer hook end of the Connecting Rod can be inserted into the small hole and then release the Brake Arm (**Figure 8**).

Note: If you do not feel resistance when pulling on the Brake Arm, the Spring has been disconnected. Ensure that the Spring is connected to the Brake Arm and Support before continuing.

10. Reinstall the Trimmer Guard (**Figure 5**).

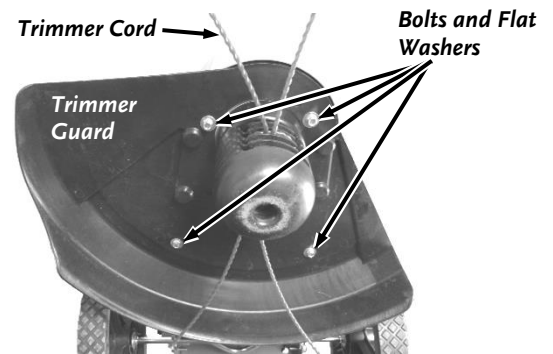


Figure 5

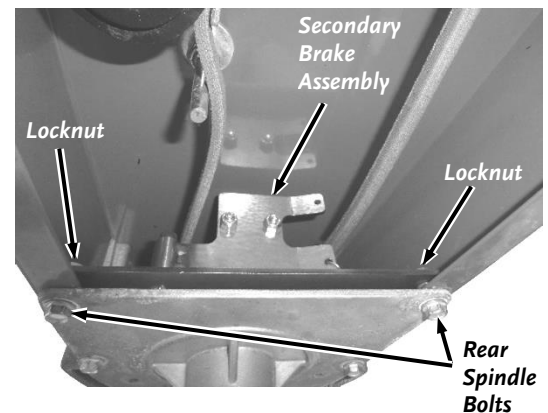


Figure 6

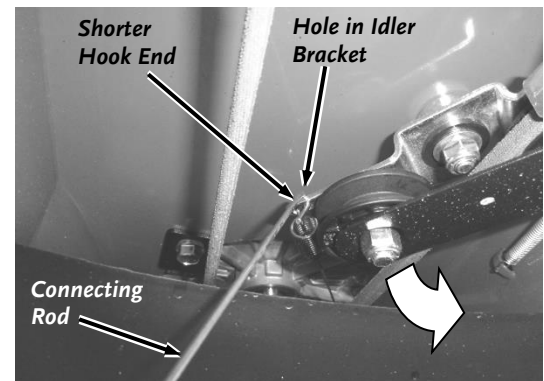


Figure 7

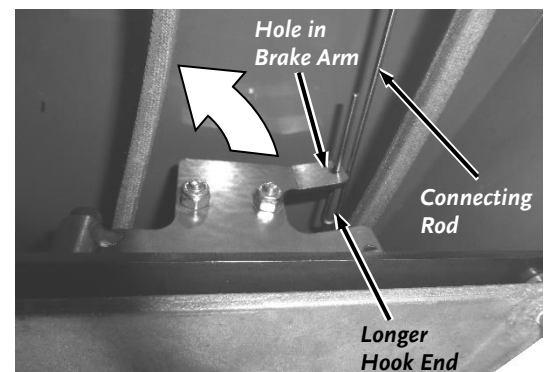


Figure 8

Please refer to your Beaver Blade Safety and Operating Manual 10000036765 for Beaver Blade installation and use details.



800 HINESBURG ROAD, SOUTH BURLINGTON, VERMONT 05403