

## **BB-1-WB-5 Blade Blocker for Walk Behinds Instructions**

Thank you for purchasing a TrimmerTrap product. The BB-1-WB is designed to be installed over the discharge opening on walk behind and stand on mowers in order to temporarily block the discharge of grass from blowing into pools, flower beds, sidewalks, etc. The Blade Blocker is designed to work in conjunction with the factory discharge shield and must be installed in order to do so. It might be necessary to notch the discharge shield (See Fig. # 4). A generalized Blade Blocker installation on a typical walk behind mower is illustrated in Fig. # 2. A complete, assembled Blade Blocker less the mower is illustrated in Fig. # 3. Note that Figs. # 1, # 4, # 5 and # 6 are close ups. The baffle material is an extremely durable high density polyethylene that needs to be cut to size in order to cover the discharge opening. Just about any type of saw will work, including a carpenters hand saw or a hack saw. It is also a good idea to "radius" the front bottom corner of baffle in order to help prevent baffle from catching when in the closed position.

### **Attachment of hinge and baffle to the mower deck**

Using four 5/16" bolts and lock nuts, attach hinge to discharge opening and baffle to hinge. The baffle must be attached to the side of the hinge that has the round shaft welded to it and the other side of the hinge to the mower deck, with the shaft facing to the rear. Most applications require the hinge be attached horizontally on the underside of deck. However, if the deck has a vertical re-enforcement that is flush with the edge of the opening it can be attached there in a vertical position. Drill and attach the baffle to the outside of the hinge (NOTE: the hinge is behind the baffle when closed). Check that the baffle fully opens and closes without binding.

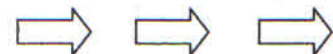
### **Assembly of the control rod and rubber flap**

Attach one end of U-Joint to the control rod thru hole in the end of rod using 1/4" roll pin (NOTE: a 1/4" bolt and lock nut can be substituted if preferred). Two multi position angle bracket (MPAB) and rubber flap will be used to secure the upper end of the control rod to the mower in a safe and convenient position (See Fig. # 1)

Install the rubber flap, locking collars, spring, rubber washer and metal washer onto the control rod as shown in Fig. # 1.

### **Installation of the Multi Position Angle Brackets (MPAB)**

The MPAB can be used together or individually and configured in many different angles/positions in order to facilitate the control rods upper mount. When using the brackets together attach them using the shorter two 5/16" bolts and ny-nuts. For most mowers the control panel provides the best location for mounting. Maintain as close to a 90 degree angle between the rubber flap and the control rod as possible. The rubber mount will flex when installed on a floating deck mower as the deck moves up and down. See Fig # 5. On mowers with fuel tanks located on the right side of the mower it might be necessary to configure MPAB so that the control rod is located more to the side of mower in order to clear tank.



**WARRANTY:** 90 days against defects in material and workmanship, TrimmerTrap, Inc. reserves the right to repair or replace at its sole discretion the alleged defective TrimmerTrap product. Determination of validity of alleged defect claim will be made upon goods returned to us freight prepaid to our location in Louisville, KY. Call 1-800-279-8727 for a return goods authorization.



### **Attaching the rubber flap and control rod to the MPAB**

Once the position of the MPAB have been decided on attach the rubber flap to the bracket Tighten all fasteners to lock brackets in the chosen position.

Position and tighten the upper locking collar then slide the bottom locking collar up to compress the spring, this will create the friction needed to hold the baffle in position, tighten the bottom locking collar in place. Next, slide the rubber handle cover onto control rod.

### **Attaching the control rod to the hinge**

Slide the U-Joint onto the hinge shaft. You must now decide where to drill the hinge shaft in order to attach the U-Joint. Take into consideration both open and closed positions of the control rod handle in relation to the baffle position. In other words, generally the control rod handle should face "up" when the baffle is fully raised and "down" when the baffle is lowered. **IMPORTANT:** Once the control handle is indexed drill the hinge shaft using the hole in the U-Joint as a guide in the correct position. Drill a 1/4" hole thru the shaft on the hinge and attach with a 1/4" roll pin. See Fig # 6. (A 1/4" bolt and lock nut can be substituted if preferred) When properly installed and adjusted, the baffle can be rotated up/open (from the down/closed position) until it is flush with the discharge shield when mowing and fully raised when transporting.

**CAUTION: BE CERTAIN THAT ALL COMPONENTS OF THE BLADE (THROUGHOUT THERE ENTIRE RANGE OF MOTION) DO NOT INTERFERE WITH ANY OF THE MOWERS CONTROLS, LINKAGES, WIRING, BLADES AND ETC.**

#### **BB-1-WB-5 Parts List**

	<b><u>Quantity</u></b>	<b><u>Part #</u></b>
Handle Grip	one	BB P-01
Control Rod	one	BB P-02
Locking Collar	two	BB P-03
Flat Bracket	one	BB P-34
90 degree Angle Bracket	one	BB P-32
Baffle	one	BB P-60
Hinge	one	BB P-74
Compression Spring	one	BB P-08
Rubber Friction Washer	one	BB P-22
Universal Joint	one	BB P-18
Rubber Flap	one	BB P-25
5/16" x 1" Bolt	eight	BB P-73
5/16" Nylon Lock Nut	ten	BB P-75
5/16" x 3/4" Bolt	two	BB P-66
5/16" Washer	two	BB P-82
5/8" Washer	one	BB P-23
1/4" x 1" Roll Pin BB P-20	two	BB P-20

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