

## BB-1 Blade Blocker for Walk Behinds Instructions

Thank you for purchasing a TrimmerTrap product. The BB-1 WB is designed to be installed on walk behind mowers in order to temporarily block the bulk of grass discharged, thus preventing it from blowing into pools, flower beds etc. The Blade Blocker is designed to work in conjunction with the factory discharge shield and must be installed in order to do so. Fig. #2 shows a Blade Blocker installed on a typical walk behind mower. Fig. #3 is a complete, assembled Blade Blocker (less the mower). Figs. #1, #6, #5 and #4 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 saw will work, including a carpenters hand saw or a hack saw. Using four 5/16" bolts and lock nuts, attach the baffle to the opening using the hinge. **IMPORTANT:** The baffle must be attached to the side of the hinge that has the round tube attached to it. The other side of the hinge will be attached to the mower deck. It might be necessary to notch the discharge shield (See Fig. #4). Attach the u-joint to the straight end of the control rod using a one inch roll pin. Install the friction pad, tension plate, locking collars, spring and grip as shown in fig. #1. Attach the friction pad using the 10-24 machine screws, washers and lock nuts. After tightening the upper locking collar, push the bottom collar up to compress the spring, then tighten the collar in place. Typically the spring will need to be almost fully compressed in order to provide the friction needed to hold the baffle in position. Next, slide the U-joint onto the tubing protruding from the rear of the hinge. **Do not permanently attach at this point.** The upper end of the control rod must now be positioned and then attached to the mower near the control panel. Once the location has been chosen, the perforated aluminum straps can be used to attach the tension/mounting plate to the mower. The straps are designed to be bent and/or twisted in order to facilitate attachment. "U" bolts are provided to aid in attaching straps to round shapes such as handlebars. **NOTE: The straps are made from a very strong aluminum alloy that can be bent to ninety degrees. However if they are bent this far, the bend radius must be large. A very tight or sharp bend can break the strap.** The tension plate must remain at a 90 degree angle to the control rod on all planes in order to provide adequate friction between the friction pad and locking collar.

Be certain that the Blade Blocker does not in any way interfere with any part of the mowers controls in any of its operating positions. Position the control rod handle in the desired position taking into consideration both the open and closed positions of the handle and the baffle and then using the hole in the u-joint as a guide, drill a 1/4" hole thru the tube on the hinge and attach with a 1/4" roll pin. When properly installed and adjusted, the baffle can be rotated up/open (from the closed position) until it is flush with the discharge shield, allowing grass to be discharged normally. When transporting the mower with the shield raised, the baffle can be rotated fully open past the vertical point.

<u>BB-1 WB Parts List</u>	<u>Quantity</u>	<u>Part #</u>
handle grip	one	BBP-01
control rod	one	BBP-02
locking collar	two	BBP-03
tension/mounting plate	one	BBP-06
compression spring	one	BBP-08
friction pad with screws	one	BBP-09
perforated straps	two	BBP-12
1/4" x 1" bolt	eight	BBP-14
1/4" nylon lock nut	eight	BBP-71
"U" bolt	two	BBP-17
universal joint	one	BBP-18
1/4" x 1" roll pin	two	BBP-20
hinge	one	BBP-74
5/16" x 1 & 1/4" bolt	four	BBP-73
5/16" nylon lock nut	four	BBP-75
baffle	one	BBP-60



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