

BB-1 Blade Blocker Rider Instructions (Patent No. 6874309)

Thank you for purchasing your TrimmerTrap product. This product was designed and manufactured to provide many years of service while protecting your investment. The BB-1 Rider is the first and only discharge baffle designed to maintain compliance by operating in conjunction with the factory installed discharge shield on your mower. The Blade Blocker is not intended to be used as a mulching plate or in place of the discharge shield. Its purpose is to temporarily block the discharge opening in order to prevent large volumes of grass clippings from being discharged onto areas where they are not desired.

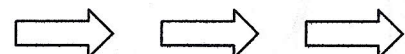
NOTE: Before drilling any holes in the mower, be certain of the mounting locations. Clamp and/or hold all assembled parts in place and operate the baffle before final installation. Make certain the installation does not interfere in any way with moving parts such as; blades, controls, switches, steering controls (including the handles in the pivoted "out" position), belts, tires, safety equipment, etc. The vertical post and linkage must be mounted in a position rearward enough so that when the discharge shield is raised it will clear the post and linkage.

Cut the discharge baffle to fit the discharge opening on mower. In most installations the baffle should be cut oversized, so that when it comes in contact with the edges of the opening, it will stop. The baffle can be cut with a carpenter's hand saw or hack saw. It may be desirable to round the bottom corners to help prevent the baffle from hanging up. Attach the baffle to the deck using the hinge with four 5/16" x 1 1/4" bolts and lock nuts. The extended hinge pin with cam must face towards the rear. It might be necessary to cut a small notch in the corner of the discharge shield for the actuator arm to pass through when the shield is lowered. Do not make the notch any larger than needed for the shield to be lowered and the hinge/actuator arm to rotate as shown in figure # 5.

Attach the mower deck bracket to the mower deck using two 3/8" flange bolts and lock nuts. On most mowers the bracket will need to be attached towards the rear of the deck. The mower deck bracket is slotted to provide mounting versatility. Both 3/8" bolts can be used in a single slot if required. Assemble the vertical post and linkage assembly as shown in figures # 1 and # 3. Do not tighten jam nuts on linkage assembly at this time.

The vertical post weldment (part # BBP-93) is attached to the mower deck bracket (part # BBP-83) by threading the post into the mower deck bracket. Before threading the post into the deck bracket, screw the 3/4" thin jam nut (part # BBP-81) onto the post. The post can then be threaded into the bracket and locked in the desired position by tightening the jam nut against the deck bracket. **Important: Lubricate the threads on both the post and deck bracket before assembly to prevent the threads from galling.** Once the installation is complete, the baffle must be adjusted so that it does not interfere with the discharge chute. This is accomplished by adjusting the turnbuckle. (Note: There are two linkage mounting choices on the hinge/actuator arm cam to help when adjusting the turnbuckle linkage). With the handle and baffle in the raised position and the discharge chute in the lowered position rotate turnbuckle to raise or lower baffle to a position flush (parallel) with the discharge chute without raising the chute as shown in figure # 4. When the baffle is closed it will block the discharge opening as shown in figure # 2. Tighten all jam nuts on the control linkage after adjustment. Optional: A short 5/16" bolt and nut can be installed in the "stop slot" as shown in figure # 3 to act as a stop for the handle thus preventing the baffle from closing further. **CAUTION: AFTER INSTALLATION OF BLADE BLOCKER, MAKE CERTAIN THAT THE BAFFLE IN THE CLOSED POSITION WILL NOT INTERFERE WITH THE BLADES.**

BB-1 Rider Parts List	Ref. #	Quantity	Part #	BB-1 Rider Parts List	Ref. #	Quantity	Part #
ball joint (right hand)	1	one	BBP-50	3/4" thin jam nut	13	one	BBP-81
jam nut (thick)	2	two	BBP-51	"L" handle	14	one	BBP-44
6" threaded rod	3	one	BBP-96	3/8" X 3/4" socket head bolt	17	one	BBP-40
10" threaded rod	4	one	BBP-53	3/8" thin nylon lock nut (NF)	18	one	BBP-41
jam nut (thin, left hand)	5	two	BBP-54	3/8" X 1 & 1/4" flange bolt (NF)	19	two	BBP-42
turn buckle	6	one	BBP-55	5/16" X 1 & 1/4" hex bolt	21	four	BBP-73
ball joint (left hand)	7	one	BBP-98	5/16" nylon lock nut	22	four	BBP-75
baffle plate	8	one	BBP-60	3/8" lock nut (NF)	30	four	BBP-30
hinge/actuator arm	10	one	BBP-78	extension spring	36	one	BBP-89
mower deck bracket	11	one	BBP-83	vinyl handle grip	41	one	BBP-95
vertical post weldment	12	one	BBP-93	control linkage (complete)	48	one	BBP-99



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.