

ST-3 STIHL Backpack Blower Rack Instructions (Patent No. 7849557)

Thank you for purchasing a TrimmerTrap product. The ST-3 blower rack is designed to hold the STIHL BR 350 and 430 blowers **ONLY**. Earlier generation STIHL BR 300 and 400 series require the TrimmerTrap ST-1 blower rack. This rack consists of two basic parts, a vertical upright post with "U" shaped solid round stock welded to it and the "sliding lip" with a threaded female barrel welded to it. Hold the rack, so that the solid round protrusions face up (the holes in the steel tube will be on the top) and so that the side of the upright that the solid round bar is welded to is facing you. Slide the "sliding lip" over the top of the rack with the "lip" facing down and the threaded barrel to the right. The backside of the blower (recoil starter side) will face away from the rack when the rack is installed with the latch mechanism to the right. This is the most common method for open trailers and trucks and the only method for enclosed trucks and trailers. Attach the rack to the upper and lower rail of the trailer using two bolts and self locking nuts. **Due to the many different construction techniques used on trailers, the hardware required to attach the rack is not included and must be acquired by the user.**

For installing the ST-3 in an enclosed truck or trailer, shims/spacers will have to be used to space the upright approximately 1/2 inch from the wall in order for the "sliding lip" to function. Be certain to center the holes when drilling the vertical post. Install the plastic end-cap into the top end of the square tube. Tightly hold the tapered pin of the latch with pliers or vise and securely tighten the ball knob to the pin. Next screw the threaded latch assembly into the threaded barrel on the "sliding lip" assembly and tighten. NOTE: A two part thread locking compound has been pre-applied to the threads of the latch and will be activated when screwed into the threaded barrel. Position the "sliding lip" on the post so that the latching pin engages the top hole in the upright. After positioning the "sliding lip" on the post, install the self-tapping screw into any one of the four sides of the post 1/2 inch from the top of the post. The screw will prevent the "sliding lip" from sliding off of the post. The ST-3 is now ready for use.

The STIHL 350 and 430 blowers have recesses in the bottom of the frame. Two of these recesses will be utilized to help secure the blower to the rack. By inspecting the bottom of the frame and noting where the backpack straps attach, you can identify these two recesses. Pull and hold the backpack straps tight so that the plastic buckles that secure the straps to the frame are flat against the frame. Tightly install a nylon tie to each strap on the opposite side of the frame as the buckle and cut off excess tie. The tie will hold the strap in place and prevent it from sliding back through the slot interfering with the stud on the rack. The blower can now be installed onto the rack. Hold the blower by the top handle with the recoil starter facing towards you and tilt the top of the blower back towards you. Set the bottom of the blower onto the rack so that the racks two studs engage the recesses identified in the blower frame. Next tilt the blower towards the rack so that the openings under the blowers handle slides over the "lip" on the "sliding lip". You can now pull the ball knob and lower the "sliding lip" until the latch engages the bottom hole of the upright. The "lip" should now be extending down over the blower frame securely latching it in place. The blower tube must be removed or secured before transport. NOTE: TrimmerTrap's RC-4 Rubber Clamp works well for securing blower tubes. Attach the RC-4 rubber clamp to the trailer rail next to the ST-3. **IMPORTANT: Be certain the latch is fully engaged into the upright!** The top hole in the rack serves two purposes: to position and hold the "sliding lip" in the up position when the blower is removed and to accept a long shackle padlock when the "sliding lip" is in the lower position to help prevent theft.

NOTE: IT IS THE PURCHASERS SOLE RESPONSIBILITY TO ASSURE THAT THE RACK IS INSTALLED SAFELY AND SECURELY TO A COMPONENT THAT WILL ADEQUATELY SUPPORT THE EQUIPMENT.

<u>ST-3 Hardware Kit</u>	<u>Quantity</u>	<u>ST-3 Parts</u>	<u>Description</u>
1 & 1/2" end cap	one	ST LA-1	Latch Assembly (includes NK-1)
latch assembly	one	ST NK-1	Ball Knob (late style 3/8" thread)
nylon ties	two	ST Slide	Includes LA-1, 2 flat rubber caps & retaining screw)
self tapping screw	one		

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.