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# Instructions for Installation and Use SaltStick® Dispenser and SaltStick® Mini Dispenser

Congratulations, you have just acquired a SaltStick® dispenser. This device provides unsurpassed capsule storage and dispensing for all your energy and electrolyte needs. **Before use, please read and follow these instructions carefully.** For best performance, allow yourself a period of adjustment prior to using this product in competition.

### Caution!

**Small parts may present a swallowing hazard. This dispenser is not child-proof. Keep away from children.**

**NEVER force the rotation of the dispensing knob as it could damage the unit.**

**Do not pay too much attention to the dispenser while riding.**

**Make sure dispenser remains installed properly before each ride.**

**Ensure nozzle is closed for water resistance.**

### Installation for Bicycles:

Tools required: Ruler. As needed: electrical tape and blade.

1. Installation locations for the SaltStick on your bike include concealed locations such as inside aerobars that have user-facing empty tubing, ends of mountain bike bars, and ends of road drop bars. See #8 for installation using the GRIP mount on the exterior of your bike or for ski poles.

2. Remove the plastic end plug currently inside the bar in which you will install the SaltStick. If the end of the bar is covered with a plastic grip, the end of the grip should be cut using a sharp blade so that the inside of the tube is clear of obstructions. If the plug on your bars is permanent, you may need to mount the SaltStick per #8. Always install the SaltStick while following manufacturer instructions of the associated parts.

3. For most road bars, the bar tape should either be carefully cut flush with the front of the opening, or removed and re-wound to leave a clean inside tube surface. If the tape is left tucked inside the bar, it may cause interference with the installation (and especially the removal) of the SaltStick.

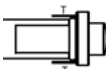
4. Determine the approximate inside diameter of the installation location using a ruler.

5. Select the appropriate retainer for your bar size using the table, and install over the SaltStick from the sealed end. Ensure the edges of the washer angle towards the nozzle of the device. Position the retainer approximately 1-2" (3-5 cm) from the nozzle. The role of the retainer is to ensure a suitable fit inside your bar. DO NOT FORCE the unit into the bar with excessive pressure. If it is too difficult to install, remove the retainer and use a smaller size. The retainers are designed to roll or slide along the tube.

Bar Size (in.)	0.68 – 0.71	0.72-0.75	0.76-0.80	0.81+
Bar Size (mm)	17.2-18.0	18.1-19.0	19.1-20.3	20.4+
Use	Aerobars	Aero/MTB	Aero/MTB	Road
Washer size	O-ring	Small	Medium	Large

6. Slide the SaltStick into your bar. To ensure proper operation, a snug, rotation-free fit should be evident. If you find the unit moves or will release from your bar too easily, remove the unit and repeat from step 5 using a retainer one size larger. If your bar is sized between two provided washers, you can wrap electrical tape around the SaltStick to increase the diameter slightly under the smaller washer.

On most bars, wrap a bridge of electrical tape (T) over the plastic collar and onto the bar. Install alternate nozzle to replace original if desired. Keep backup as replacement.



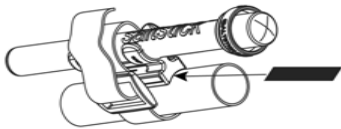
7. When removing the SaltStick, gently grasp the collar BEHIND the nozzle and pull. DO NOT FORCE or pull on the nozzle. A steady gentle pull is best to remove the unit. It is important that the correctly sized retainer be used to ensure that the fit is neither too tight, nor too loose. It should not be necessary to remove the unit on a regular basis.

8. For Installation ON bars, stem, aerobars or frame, use the SaltStick GRIP holder and hook-and-loop strap that is included with all full-length dispensers.

### Using the GRIP block for Bicycle and Ski Poles Strap is included with full-size SaltStick only.

I. Position the SaltStick in the plastic SaltStick GRIP block at any position along the stick.  
II. Apply the included self-adhesive rubber spacer to the concave portion of the GRIP block.

III. Position the GRIP on the bar as desired. Loop the hook-and-loop strap around the bar, GRIP block and SaltStick, and insert through buckle. Pull back to fasten to itself and tighten strap. See figure below.



### Operation:

Prepare the SaltStick by rotating the knob COUNTER-CLOCKWISE until resistance is felt. DO NOT OVERTIGHTEN the knob at this point or you may damage the dispenser.

Load the desired capsules into the dispenser through the rubber nozzle. The flaps will fold inside as a capsule is pushed backwards through the nozzle. Flaps return to their closed position once the capsule is completely inside.

DO NOT EXCEED recommended number of capsules stored in dispenser. The dispenser is full according to the table. See "Troubleshooting" if capsule is stuck in nozzle due to overfilling.

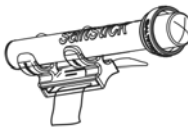
	SaltStick®	SaltStick® Mini
Capsule Capacity	6	3

Dispense the capsules by turning the knob CLOCKWISE. Once a sufficient visible portion of the capsule is protruding from the dispenser, you should grasp the capsule and remove from the dispenser for consumption. The unit was designed to push the capsule to a grasping point and to hold it there until you are ready to eat it.

The unit was NOT designed to completely push out the capsule. Once the last capsule appears, DO NOT FORCE the knob further, as this could damage the unit.

For updates and more information, visit [www.SaltStick.com](http://www.SaltStick.com)

### Installation for Race Belt & Backpack:



1a. Position the SaltStick in the plastic SaltStick GRIP holder. Clip the belt opening onto a hydration or backpack belt. It is most comfortable to position the dispenser along the side of your body, near the hip. Dispensing capsules can be done without removing the stick from the holder. The dispenser can also be installed upside down for easy access!

**OR**  
1b. Position the SaltStick through any suitable fabric loop and descend until the fabric stops at the plastic collar under the dispensing knob. Slide the medium rubber retainer ring from the bottom upwards until the fabric loop or elastic band is sandwiched between the collar and the retainer. The main tube should be held tightly enough that it will not rotate during operation.

### Maintenance and Troubleshooting:

SaltStick dispensers are designed to withstand normal wear and tear without maintenance.

\* Should the dispenser mechanism become stuck or blocked, gently remove the flexible end nozzle with a small flat screwdriver. Attempt to remove the blockage with a toothpick or another small tool.

\* If there is a more severe blockage, or the inside is soiled, remove the unit from your bicycle and immerse in a container of hot water. This should dissolve any capsule material or salts that may have caused a blockage. DO NOT FORCE THE KNOB as this can damage the dispenser. Shake all excess water from the unit and allow to dry in the sun before replacing the nozzle.

\* If the nozzle deteriorates, the included replacement nozzle can be installed. Remove the old nozzle with a small flat screwdriver. Stretch the new nozzle over the plastic ridge and ensure it is seated against the bottom of the knob.

\* If the SaltStick rotates within the bicycle bar tube, reinstall the unit with a larger rubber washer or additional tape around the unit to provide additional resistance. Wrap a bridge of electrical tape externally across the plastic collar to the bar.

### Warranty:

The SaltStick and SaltStick mini dispensers are covered for a period of 90 days from the date of purchase. During this period of time, units will be repaired or replaced, at manufacturer's discretion, free of charge, subject to the exclusions below.

**Warranty Exclusions:** Retailers and sellers of the SaltStick are not authorized to modify this warranty in any way. This warranty does not cover any of the following: Damage to a unit that result from improper installation; Damage or deterioration to the aesthetics or finish of the dispenser; The labor necessary to install, remove, or adjust the dispenser; Normal wear and tear of the dispenser; Dispensers that have been modified, neglected or poorly maintained; Dispensers used for commercial purposes, misused, or involved in accidents.

**Warranty Service:** To obtain service under this warranty, you must send the defective unit and proof of purchase (including date of purchase) to:

Toker Engineering LLC  
PO Box 4456

Thousand Oaks, CA 91359 USA

International users should return the defective unit to their original purchase location. Any postage, insurance or shipping cost, incurred in sending your SaltStick product for service, is your responsibility. Toker Engineering LLC is not responsible for products lost or damaged in shipping.

