

Crankbrothers K2316778

Crankbrothers TS18 Tube Stash Tool Kit User Manual

Model: K2316778

INTRODUCTION

The Crankbrothers S.O.S. TS18 Tube Stash Tool Kit is designed to provide essential on-bike mechanical support for cyclists. This integrated system allows for convenient storage of an inner tube, jacket, or other accessories directly on your bike frame, while keeping a comprehensive set of tools readily accessible for trailside repairs and maintenance.

The kit includes a versatile multitool, tire plug tools, a tire lever, and more, ensuring you are prepared for common mechanical issues encountered during rides.

PACKAGE CONTENTS

Upon opening your Crankbrothers TS18 Tube Stash Tool Kit, please verify that all components are present:

- TS18 Multitool (includes 2, 2.5, 3, 4, 5, 6, 8mm hex bits, T10, T25 Torx tools, Flat screwdriver)
- Tire Plug Tool
- 4x Tire Plugs
- Tire Lever
- Chain Tool
- Spoke Wrenches (0, 1, 2)
- Valve Core Tool
- CO2 Head
- Mounting Bracket with Hook-and-Loop Strap
- Magnetized spare chain link storage slot (chain link sold separately)
- Space for 16/20/25g CO2 cartridge or mini-pump (sold separately)



Image: All components of the TS18 Tube Stash Tool Kit laid out, including the multitool, tire plug tool, tire lever, and mounting bracket.

SETUP AND INSTALLATION

The TS18 Tube Stash Tool Kit is designed for quick installation onto your bike frame using standard bottle cage mounting brackets.

Mounting the Bracket:

1. Identify the bottle cage mounting points on your bike frame. These are typically two threaded inserts.
2. Align the TS18 mounting bracket with these points.
3. Secure the bracket using appropriate bolts (not included, typically supplied with bike frame or bottle cage). Ensure the bracket is firmly attached and does not wobble.



Image: The TS18 Tube Stash Tool Kit securely mounted on a bicycle frame, demonstrating its compact and integrated design.

Loading Tools and Accessories:

- Insert the multitool into its designated slot within the bracket.
- Place the tire lever and tire plug tool into their respective positions.
- Utilize the magnetized slot for spare chain link storage.

- If desired, insert a 16/20/25g CO2 cartridge or a mini-pump into the dedicated space.
- Use the hook-and-loop strap to secure an inner tube, jacket, or other cycling accessories to the bracket. Ensure the strap is tight to prevent items from shifting during rides.



Image: Front view of the TS18 kit showing the multitool, tire lever, and CO2 cartridge secured in place.



Image: Side view of the TS18 kit, highlighting the compact profile when fully loaded.



Image: Back view of the TS18 kit, showing the strap mechanism and how it secures items.

OPERATING THE TOOLS

The TS18 kit provides a range of tools for common bicycle repairs. Familiarize yourself with each tool's function before use.

Multitool Usage:

The integrated multitool features various hex bits, Torx tools, and a flat screwdriver. To use, simply unfold the desired tool from the main body. Ensure the tool is fully extended and locked into place for safe and effective operation.

- **Hex Bits:** 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm - For adjusting bolts on components like stems, seatposts, and derailleurs.
- **Torx Tools:** T10, T25 - For specific Torx head bolts, commonly found on disc brakes and some component mounts.
- **Flat Screwdriver:** For various flat-head screws.

Tire Repair Tools:

- **Tire Lever:** Use to carefully pry the tire bead off the rim for tube access or tire replacement.
- **Tire Plug Tool + Plugs:** For repairing tubeless tire punctures. Insert a plug into the tool, push it into the puncture, and remove the tool, leaving the plug to seal the hole.
- **Valve Core Tool:** For removing and tightening Presta or Schrader valve cores, useful for adding sealant or replacing a faulty core.
- **CO2 Head:** Attach a CO2 cartridge (sold separately) to quickly inflate tires after repair. Follow CO2 cartridge instructions for safe use.

Chain Tool and Spoke Wrenches:

- **Chain Tool:** For breaking and rejoining bicycle chains. Ensure proper alignment and careful operation to avoid damaging

the chain.

- **Spoke Wrenches (0, 1, 2):** For truing wheels by adjusting spoke tension. Use the correct size for your spokes.

MAINTENANCE

Proper maintenance will extend the life of your TS18 Tube Stash Tool Kit and ensure its reliability.

- **Cleaning:** After use, especially in wet or dirty conditions, wipe down all tools with a clean, dry cloth. Remove any dirt or debris from the multitool pivots.
- **Lubrication:** Periodically apply a small amount of light lubricant to the pivots of the multitool to ensure smooth operation and prevent rust.
- **Storage:** Store the kit in a dry environment when not mounted on the bike. Ensure all tools are properly folded and secured within the bracket.
- **Inspection:** Regularly inspect the tools for any signs of wear, damage, or corrosion. Replace any damaged components immediately. Check the hook-and-loop strap for wear and ensure it still provides a secure hold.

TROUBLESHOOTING

Here are some common issues and their solutions:

Problem	Possible Cause	Solution
Tools are stiff or difficult to unfold.	Dirt, rust, or lack of lubrication.	Clean the tool pivots and apply a light lubricant.
Items secured by strap are loose.	Strap not tightened sufficiently or strap wear.	Re-tighten the hook-and-loop strap. If worn, consider replacing the strap.
Tire plugs not sealing puncture.	Puncture too large, improper plug insertion, or old plugs.	Ensure plug is fully inserted and centered in puncture. For large punctures, a new inner tube may be required. Replace old plugs.

SPECIFICATIONS

Feature	Detail
Model Number	K2316778
Color	Black
Material	Nylon, Stainless Steel, Aluminum
Dimensions (L x W x H)	2.36 x 1.57 x 1.18 inches
Weight	229 Grams (approx. 8.1 ounces)
Included Tools	Multitool (2, 2.5, 3, 4, 5, 6, 8mm hex; T10, T25 Torx; Flat screwdriver), Tire Plug Tool, 4x Plugs, Tire Lever, Chain Tool, Spoke Wrenches (0, 1, 2), Valve Core Tool, CO2 Head
Mounting	Standard bottle cage mounting brackets

WARRANTY AND SUPPORT

All Crankbrothers S.O.S. Tools, including the TS18 Tube Stash Tool Kit, are backed by a **5-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or general inquiries, please visit the official Crankbrothers website or contact their customer service department. Keep your proof of purchase for warranty validation.

For more information, visit the [Crankbrothers Store](#).

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