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Slime 20503

Slime 20503 Heavy Duty Flat Tire Repair Reamer Plugger Kit Instruction Manual

Comprehensive guide for repairing tubeless off-road tires with the Slime 40-piece kit.

PRODUCT OVERVIEW

The Slime 20503 Heavy Duty Flat Tire Repair Reamer Plugger Kit is a comprehensive 40-piece solution designed for repairing punctures in tubeless off-road tires. This kit provides the necessary tools and materials to perform effective temporary repairs, allowing you to quickly address flat tires on ATVs, wheelbarrows, lawn mowers, and similar equipment.



Image: The complete Slime 20503 Heavy Duty Flat Tire Repair Kit, neatly organized within its durable hardshell case.

Kit Contents

The 40-piece kit includes the following components:

- 1 x T-handle Reamer Tool (68mm reach depth)
- 1 x T-handle Plugger Tool (68mm reach depth)
- 3 x Tubes of Plug Bond (rubber cement)
- 30 x Heavy Duty Black Tire Strings (repair plugs)
- 1 x Pliers
- 1 x Utility Knife
- 1 x Pair of Work Gloves

EVERYTHING YOU NEED FOR A COMPLETE REPAIR



Image: All 40 pieces of the Slime tire repair kit, including tools, plugs, and accessories, displayed outside the case.

SAFETY PRECAUTIONS

- Always wear the provided work gloves to protect your hands during the repair process.
- Ensure the vehicle or equipment is stable and properly supported before attempting any tire repair.
- Avoid repairing punctures larger than 1/4 inch (6mm) or those located in the tire sidewall. These types of damage require professional assessment and repair.
- Tire plugs are intended for temporary repairs. Seek professional tire service as soon as possible after using the kit.
- Keep all tools and materials out of reach of children.

OPERATING INSTRUCTIONS: FLAT TIRE REPAIR

Step 1: Locate and Prepare the Puncture

1. Identify the puncture location on the tire tread.

2. Using the provided pliers, carefully remove the foreign object (nail, screw, etc.) from the tire.
3. Insert the T-handle reamer tool into the puncture. Work the reamer tool in and out of the hole several times to clean and enlarge the puncture to the appropriate size for the repair plug. Ensure the hole is clean and free of debris.



PROFESSIONAL-GRADE METAL REAMER AND PLUGGER TOOLS

Image: A hand demonstrating the use of the T-handle reamer tool to prepare a tire puncture for repair.

Step 2: Prepare the Repair Plug

1. Take one heavy duty black tire string (repair plug) from the kit.
2. Apply a generous amount of Plug Bond (rubber cement) to the entire surface of the repair plug. This helps create a strong seal.
3. Thread the lubricated repair plug halfway through the eye of the T-handle plugger tool.

SMART COLLAR FOR PRECISION STRING INSERTION



Image: A close-up of a hand inserting a black tire string into the eye of the T-handle plugger tool, ready for insertion into the tire.

Step 3: Insert the Repair Plug

1. Firmly push the T-handle plugger tool, with the repair plug, into the prepared puncture until approximately 1/2 inch of the plug is visible outside the tire.
2. Quickly pull the plugger tool straight out of the tire, leaving the repair plug securely in place. Do not twist the tool during removal.

Step 4: Finish the Repair

1. Using the utility knife, carefully trim any excess repair plug material flush with the tire tread.
2. Inflate the tire to the manufacturer's recommended pressure using a separate tire inflator (not included in this kit).
3. Check for leaks by applying a soapy water solution to the repaired area. If bubbles appear, the repair may need to be redone or professional assistance sought.

Official Slime Tire Plugging Video

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Video: Official Slime demonstration on how to plug a tire using their repair kit. This video provides a visual guide to the steps outlined above.

General Tire Repair Demonstration

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Video: A general demonstration of fixing a punctured tire using a repair kit. This video illustrates the common techniques involved in tire plugging.

MAINTENANCE

- After each use, clean the reamer and plugger tools to remove any rubber residue or dirt.
- Store all components neatly in the provided hardshell case to prevent damage and loss.
- Keep the Plug Bond tubes tightly sealed to prevent drying out. Replace if the cement hardens.
- Store repair plugs in a cool, dry place away from direct sunlight to maintain their tackiness and flexibility.



Image: The Slime tire repair kit stored securely in its hardshell case in the back of a truck, ready for transport and easy access.

TROUBLESHOOTING

- **Difficulty inserting plug:** Ensure the puncture hole has been adequately reamed. Apply more Plug Bond to the plug and the reamer tool for better lubrication.
- **Plug not holding air:** The puncture might be too large, in the sidewall, or the plug was not inserted correctly. Remove the old plug, re-ream the hole, and attempt the repair with a new plug. If the issue persists, seek professional tire service.
- **Tools feel stiff:** Clean tools thoroughly after each use. A small amount of lubricant can be applied to moving parts if necessary.

SPECIFICATIONS

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| Brand | Slime |
| Model Number | 20503 |
| Item Weight | 2.16 pounds |
| Product Dimensions | 12 x 8 x 2.25 inches |
| Kit Pieces | 40 |
| Application | ATVs, Wheelbarrows, Lawn Mowers, Tubeless Off-Road Tires |


WARRANTY AND SUPPORT

For specific warranty information or technical support regarding your Slime 20503 Flat Tire Repair Kit, please refer to the product packaging or contact Slime customer service directly. Contact details can typically be found on the manufacturer's website or product documentation.

Always retain your proof of purchase for warranty claims.

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Related Documents - 20503

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|  | <p>Slime Tire Care Products Catalog and Guide</p> <p>Explore the comprehensive range of Slime tire sealants, inflators, repair kits, and accessories designed for automotive, bicycle, and industrial use. Learn about Slime's commitment to environmental safety and product innovation.</p> |
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|  <p>Slime ATV/TRAILER TIRE EMERGENCY TIRE REPAIR KIT</p> <p>REPAIR & INFLATION INSTRUCTIONS INSTRUCCIONES DE REPARACIÓN E INFLADO</p> <p>KIT CONTENTS CONTENIDO DEL KIT</p> <p>1. AIR TIRE INFLATOR 2. TIRE PUNCTURE REPAIR KIT 3. CO₂ CARTRIDGE 4. MICROFLATE INFLATOR 5. TIRE PUNCTURE REPAIR KIT 6. TIRE PUNCTURE REPAIR KIT 7. TIRE PUNCTURE REPAIR KIT 8. TIRE PUNCTURE REPAIR KIT 9. TIRE PUNCTURE REPAIR KIT 10. TIRE PUNCTURE REPAIR KIT</p> <p>ATTENTION! READ ALL INSTRUCTIONS CAREFULLY ¡ATENCIÓN! LEA TODAS LAS INSTRUCCIONES CON ATENCIÓN</p> | <p>Slime ATV/Trailer Tire Emergency Repair Kit: Repair & Inflation Instructions</p> <p>Detailed instructions for using the Slime ATV/Trailer Tire Emergency Repair Kit, covering the Microflate inflator and tire puncture repair. Includes safety guidelines, CO₂ handling, and warranty information.</p> |
|  <p>Slime ELITE HEAVY DUTY TIRE INFLATOR FOR TRUCKS, TRAILERS, AND MORE</p> <p>1. AIR TIRE INFLATOR 2. TIRE PUNCTURE REPAIR KIT 3. CO₂ CARTRIDGE 4. MICROFLATE INFLATOR 5. TIRE PUNCTURE REPAIR KIT 6. TIRE PUNCTURE REPAIR KIT 7. TIRE PUNCTURE REPAIR KIT 8. TIRE PUNCTURE REPAIR KIT 9. TIRE PUNCTURE REPAIR KIT 10. TIRE PUNCTURE REPAIR KIT</p> <p>ATTENTION! READ ALL INSTRUCTIONS CAREFULLY ¡ATENCIÓN! LEA TODAS LAS INSTRUCCIONES CON ATENCIÓN</p> | <p>Slime Elite Heavy Duty Tire Inflator: Features, Instructions, and Specifications</p> <p>Comprehensive guide to the Slime Elite Heavy Duty Tire Inflator, including product features, step-by-step usage instructions, technical specifications, troubleshooting tips, warranty information, and contact details.</p> |
|  <p>Slime TRUCK SPAIR EMERGENCY FLAT TIRE REPAIR</p> <p>1. AIR TIRE INFLATOR 2. TIRE PUNCTURE REPAIR KIT 3. CO₂ CARTRIDGE 4. MICROFLATE INFLATOR 5. TIRE PUNCTURE REPAIR KIT 6. TIRE PUNCTURE REPAIR KIT 7. TIRE PUNCTURE REPAIR KIT 8. TIRE PUNCTURE REPAIR KIT 9. TIRE PUNCTURE REPAIR KIT 10. TIRE PUNCTURE REPAIR KIT</p> <p>ATTENTION! READ ALL INSTRUCTIONS CAREFULLY ¡ATENCIÓN! LEA TODAS LAS INSTRUCCIONES CON ATENCIÓN</p> | <p>Slime Truck Spair Emergency Flat Tire Repair Kit: Instructions and Guide</p> <p>Comprehensive guide to the Slime Truck Spair Emergency Flat Tire Repair kit, including product features, safety warnings, step-by-step repair instructions, and troubleshooting tips for common issues. Learn how to use the 12V air compressor and Slime sealant for emergency tire repairs.</p> |
|  <p>Slime PLUG BOND EMERGENCY FLAT TIRE REPAIR</p> <p>1. AIR TIRE INFLATOR 2. TIRE PUNCTURE REPAIR KIT 3. CO₂ CARTRIDGE 4. MICROFLATE INFLATOR 5. TIRE PUNCTURE REPAIR KIT 6. TIRE PUNCTURE REPAIR KIT 7. TIRE PUNCTURE REPAIR KIT 8. TIRE PUNCTURE REPAIR KIT 9. TIRE PUNCTURE REPAIR KIT 10. TIRE PUNCTURE REPAIR KIT</p> <p>ATTENTION! READ ALL INSTRUCTIONS CAREFULLY ¡ATENCIÓN! LEA TODAS LAS INSTRUCCIONES CON ATENCIÓN</p> | <p>How to Plug a Tire with Slime: Step-by-Step Emergency Repair Guide</p> <p>Detailed instructions on how to use Slime's advanced Plug Bond tire repair kit to fix tire punctures. This guide covers preparation, plugging, and reinflation for emergency tire repairs.</p> |
|  <p>Slime SAFETY SPAIR EMERGENCY FLAT TIRE REPAIR</p> <p>1. AIR TIRE INFLATOR 2. TIRE PUNCTURE REPAIR KIT 3. CO₂ CARTRIDGE 4. MICROFLATE INFLATOR 5. TIRE PUNCTURE REPAIR KIT 6. TIRE PUNCTURE REPAIR KIT 7. TIRE PUNCTURE REPAIR KIT 8. TIRE PUNCTURE REPAIR KIT 9. TIRE PUNCTURE REPAIR KIT 10. TIRE PUNCTURE REPAIR KIT</p> <p>ATTENTION! READ ALL INSTRUCTIONS CAREFULLY ¡ATENCIÓN! LEA TODAS LAS INSTRUCCIONES CON ATENCIÓN</p> | <p>Slime Safety Spair Emergency Flat Tire Repair Instructions</p> <p>Comprehensive guide to using the Slime Safety Spair for emergency flat tire repair, including step-by-step instructions for sealant application and air inflation, safety warnings, and sealant removal.</p> |