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TRESKO BSBR-003

TRESKO 22-Piece Universal Brake Piston Rewind Tool Set

Model: BSBR-003

1. Introduction and Overview

The TRESKO 22-Piece Universal Brake Piston Rewind Tool Set is designed for safely and efficiently resetting brake pistons when replacing brake discs, pads, or shoes. This comprehensive kit is suitable for a wide range of passenger vehicles and includes specialized tools for both right-hand and left-hand threaded brake pistons. Its robust construction ensures even piston retraction, preventing damage to the brake caliper seals.



Figure 1: The TRESKO 22-Piece Universal Brake Piston Rewind Tool Set.

2. Product Components

The TRESKO Brake Piston Rewind Tool Set includes the following components, neatly organized within a durable plastic carrying case:

- **17 x Brake Piston Adapters:** Various shapes and sizes to fit a wide range of vehicle brake calipers.
- **2 x Spindles:** One right-hand threaded spindle and one left-hand threaded spindle for retracting brake pistons.
- **1 x Robust Plastic Carrying Case:** For organized storage and transport of all tools.



Figure 2: Detailed view of the tool set components, including adapters and spindles.

3. Setup and Preparation

Before beginning any brake service, ensure the vehicle is safely supported on jack stands and the wheels are removed. It is crucial to work on a clean surface and have all necessary safety equipment, such as gloves and eye protection, readily available.

1. **Identify Brake System Type:** Determine if the brake caliper requires a right-hand or left-hand threaded spindle for piston retraction. This is particularly important for vehicles with integrated handbrakes.
2. **Select Correct Adapter:** Choose the appropriate adapter plate from the 17 provided that matches the brake piston face. The adapters are often marked for specific vehicle manufacturers.
3. **Clean Caliper Area:** Lightly clean the brake caliper and piston area to remove excessive dirt or debris.

4. Operating Instructions

Follow these steps to safely and effectively rewind the brake piston:

1. **Assemble the Tool:** Attach the selected adapter plate to the end of the appropriate spindle (right-hand or left-hand thread).

2. **Position the Tool:** Place the assembled tool against the brake piston. Ensure the adapter sits flush and securely on the piston face.
3. **Rewind the Piston:** Slowly turn the spindle handle clockwise or counter-clockwise (depending on the thread) to retract the brake piston. Apply steady, even pressure. The intelligent design of the tool ensures the piston retracts smoothly without tilting, which helps protect the piston seals.
4. **Continue until Fully Retracted:** Continue turning until the brake piston is fully retracted into the caliper, creating enough space for the new brake pads.
5. **Remove the Tool:** Once the piston is fully retracted, carefully remove the tool.

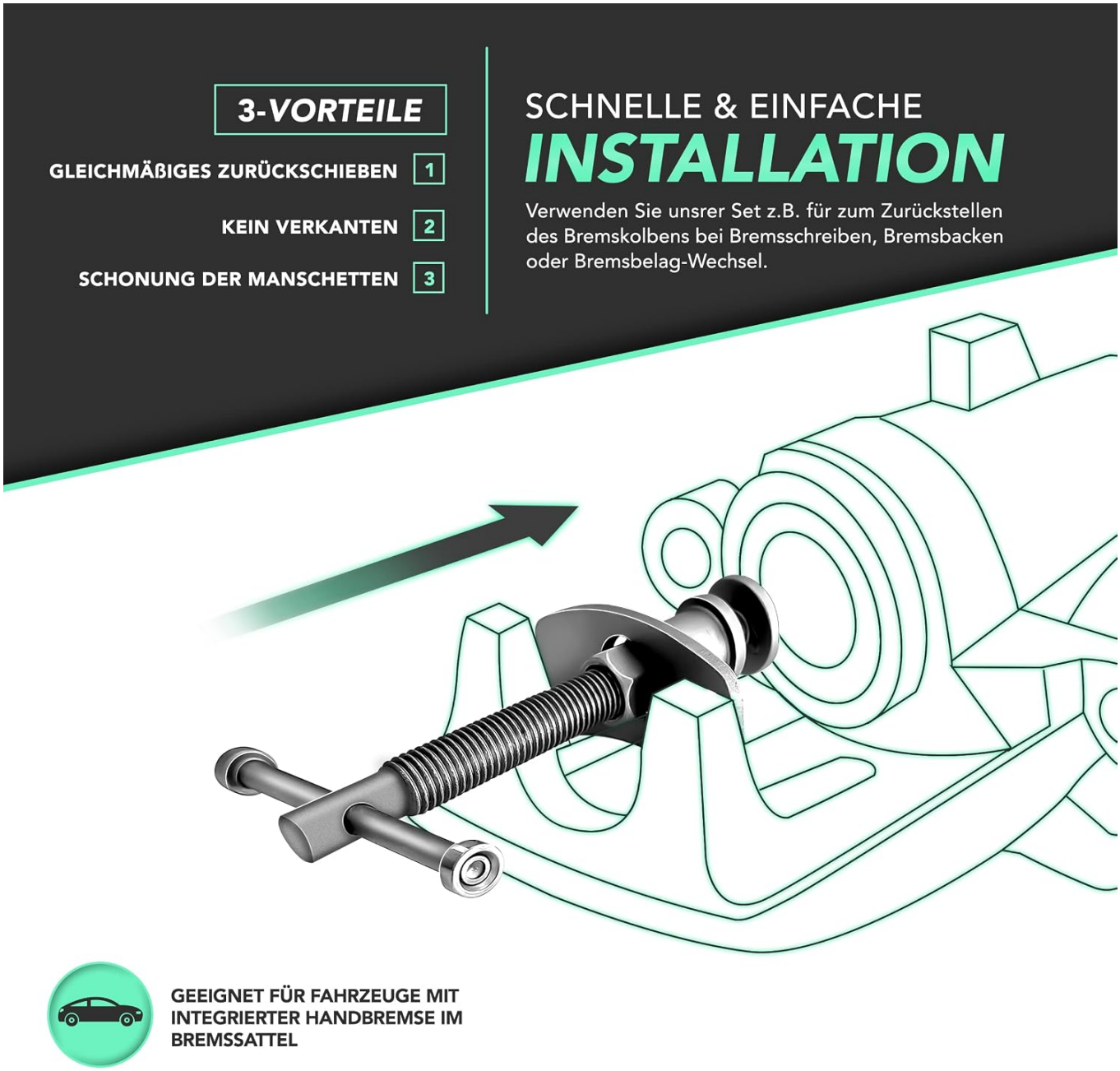

Figure 3: Diagram of the brake piston rewind tool in operation.



Figure 4: The tool being used to retract a brake piston on a vehicle.

5. Compatibility

This tool set is universally applicable for brake systems on passenger cars from nearly all common manufacturers, including but not limited to:

- Alfa Romeo, Audi, BMW, Citroen, Dacia, Fiat, Ford, GM General Motors, Honda, Hyundai, Jaguar, KIA, Mazda, Mercedes-Benz, Mini, Mitsubishi, Nissan, Opel, Peugeot, Porsche, Renault, Rover, Saab, Seat, Skoda, Smart, Subaru, Toyota, VW Volkswagen, Volvo.

6. Maintenance

To ensure the longevity and optimal performance of your TRESKO Brake Piston Rewind Tool Set:

- **Cleaning:** After each use, wipe down all components with a clean cloth to remove any brake dust, grease, or dirt.
- **Lubrication:** Periodically apply a light coat of machine oil to the spindle threads to ensure smooth operation.

- **Storage:** Always store the tools neatly in the provided robust plastic carrying case. This protects the components from damage and keeps them organized for future use.



Figure 5: The robust plastic carrying case for storage.

7. Troubleshooting

If you encounter difficulties while using the tool set:

- **Piston Not Retracting:** Ensure you are using the correct spindle (right-hand or left-hand thread) for your vehicle's brake system. Verify that the adapter is correctly seated on the piston. If the piston is seized or heavily corroded, it may require professional attention or replacement.
- **Adapter Slipping:** Confirm that the chosen adapter perfectly matches the piston face. Clean any grease or debris from the piston and adapter surfaces to improve grip.

8. Specifications

- **Model Number:** BSBR-003

- **Material:** Steel (tools), Plastic (case)
- **Item Weight:** 2.63 Kilograms
- **Package Dimensions:** 33.9 x 23.7 x 8.2 cm
- **Number of Pieces:** 22 (17 adapters, 2 spindles, 1 carrying case, 1 instruction manual - though this manual is the instruction manual itself)

9. Safety Information

WARNING: Always be aware that work performed with this tool involves safety-critical components of your vehicle. Improper use can lead to serious injury or vehicle malfunction. If you are unsure about any step or procedure, consult a qualified specialist or an authorized automotive workshop. No telephone or written advice is provided for installation and removal procedures.

- Always wear appropriate personal protective equipment, including safety glasses and gloves.
- Ensure the vehicle is stable and properly supported before beginning work.
- Never force the tool. If a piston is difficult to retract, investigate the cause.
- Keep children and unauthorized personnel away from the work area.

10. Warranty and Support

For information regarding warranty coverage or technical support, please refer to the purchase documentation or contact your retailer. Keep your proof of purchase for any warranty claims.

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