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› [OEMTOOLS](#) /

› [OEMTOOLS 25036 One-Man Brake Bleeder Kit Instruction Manual](#)

OEMTOOLS 25036

OEMTOOLS 25036 One-Man Brake Bleeder Kit Instruction Manual

Model: 25036

1. INTRODUCTION

The OEMTOOLS 25036 One-Man Brake Bleeder Kit is designed to simplify the process of bleeding hydraulic brake systems. This kit allows a single individual to perform brake maintenance, fluid flushing, or system service on most vehicles, including cars, trucks, and motorcycles. Its design ensures a clean and efficient operation by providing a secure fluid collection system.

2. KIT COMPONENTS

The OEMTOOLS 25036 kit includes the following components:

- 2 oz (60 ml) Fluid Collection Bottle with integrated magnet
- Transparent Hoses
- Special Tapered Fittings



Figure 2.1: Kit components including the 2 oz bottle, transparent hoses, and various tapered fittings.



Figure 2.2: The fluid collection bottle features a strong magnetic base for secure attachment to metal surfaces.

3. SETUP INSTRUCTIONS

Before beginning the brake bleeding process, ensure you have all necessary safety equipment, including gloves and eye protection. Prepare your vehicle by lifting it safely and securing it with jack stands, and remove the wheel(s) corresponding to the brake caliper(s) you intend to bleed.

1. **Assemble the Hoses and Fittings:** Connect one end of a transparent hose to the fluid collection bottle's inlet. Select the appropriate tapered fitting for your vehicle's brake bleeder valve and securely attach it to the other end of the hose.
2. **Position the Collection Bottle:** Utilize the strong magnet on the fluid collection bottle to securely attach it to a ferrous metal surface on the vehicle, such as the brake rotor or a suspension component, ensuring it is positioned below the brake bleeder valve.
3. **Connect to Bleeder Valve:** Carefully push the tapered fitting onto the brake bleeder valve. Ensure a tight, reliable seal to prevent air from entering the system and brake fluid from leaking.



Figure 3.1: Securely attach the tapered fitting to the brake bleeder valve.

4. OPERATING INSTRUCTIONS (BRAKE BLEEDING)

This kit facilitates a one-person brake bleeding process. Follow these steps carefully:

1. **Prepare the Master Cylinder:** Ensure the brake fluid reservoir in the master cylinder is full. Keep the reservoir cap off or loose

during bleeding to allow air to escape. Monitor the fluid level throughout the process and refill as necessary to prevent air from entering the system.

2. **Open the Bleeder Valve:** Using an appropriate wrench, slightly open the brake bleeder valve (typically 1/4 to 1/2 turn).
3. **Pump the Brake Pedal:** Slowly and fully depress the brake pedal. Hold the pedal down.
4. **Observe Fluid Flow:** While the pedal is held down, observe the brake fluid and air bubbles flowing through the transparent hose into the collection bottle. The transparent hose allows you to see when the brake line is running clear and air-free.
5. **Close the Bleeder Valve:** While the brake pedal is still depressed, close the bleeder valve.
6. **Release the Brake Pedal:** Once the bleeder valve is closed, slowly release the brake pedal.
7. **Repeat:** Repeat steps 2-6 until no air bubbles are visible in the fluid flowing into the collection bottle.
8. **Final Steps:** After bleeding, tighten the bleeder valve to the manufacturer's specifications. Remove the collection bottle and hoses. Top off the master cylinder reservoir to the MAX line and securely replace the cap.



IDEAL FOR USE WITHOUT ASSISTANCE

Figure 4.1: The kit in use, demonstrating the one-man operation with the bottle magnetically attached to the brake rotor.

CLEAN, CONTROLLED BRAKE BLEEDING

WITH TAPERED FITTINGS AND TRANSPARENT HOSE



Figure 4.2: Transparent hoses allow for clear observation of fluid and air bubbles during the bleeding process.

5. MAINTENANCE

Proper maintenance ensures the longevity and effectiveness of your brake bleeder kit:

- **Cleaning:** After each use, thoroughly clean the fluid collection bottle, hoses, and fittings with an appropriate brake cleaner or warm soapy water. Ensure all components are dry before storage.
- **Storage:** Store the kit in a clean, dry place away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically inspect hoses for cracks or damage, and fittings for wear. Replace any damaged components immediately to maintain a reliable seal.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Fluid leaks around bleeder valve	Improperly seated tapered fitting; Damaged fitting or hose	Ensure fitting is pushed firmly onto valve; Inspect and replace damaged components.
Air bubbles continue to appear	Master cylinder reservoir low; Air entering through loose connection; Air trapped in system	Refill master cylinder reservoir; Check all connections for tightness; Continue bleeding until clear.
Bottle detaches from vehicle	Weak magnetic attachment; Unstable mounting surface	Ensure magnet is clean and attached to a flat, ferrous surface; Consider alternative securement if needed.

7. SPECIFICATIONS

- **Model Number:** 25036
- **Brand:** OEMTOOLS

- **Fluid Capacity:** 2 oz (60 ml)
- **Product Dimensions:** 8.2 x 3.5 x 1.7 inches
- **Item Weight:** 1.6 ounces
- **Compatibility:** Designed for use on calipers, wheel cylinders, and master cylinders of most hydraulic systems.

8. WARRANTY AND SUPPORT

This OEMTOOLS product comes with a **Lifetime Limited Warranty**. For warranty claims, technical support, or replacement parts, please contact OEMTOOLS customer service. Refer to the official OEMTOOLS website or product packaging for the most current contact information and warranty details.



Figure 8.1: The product includes a Lifetime Limited Warranty.

