

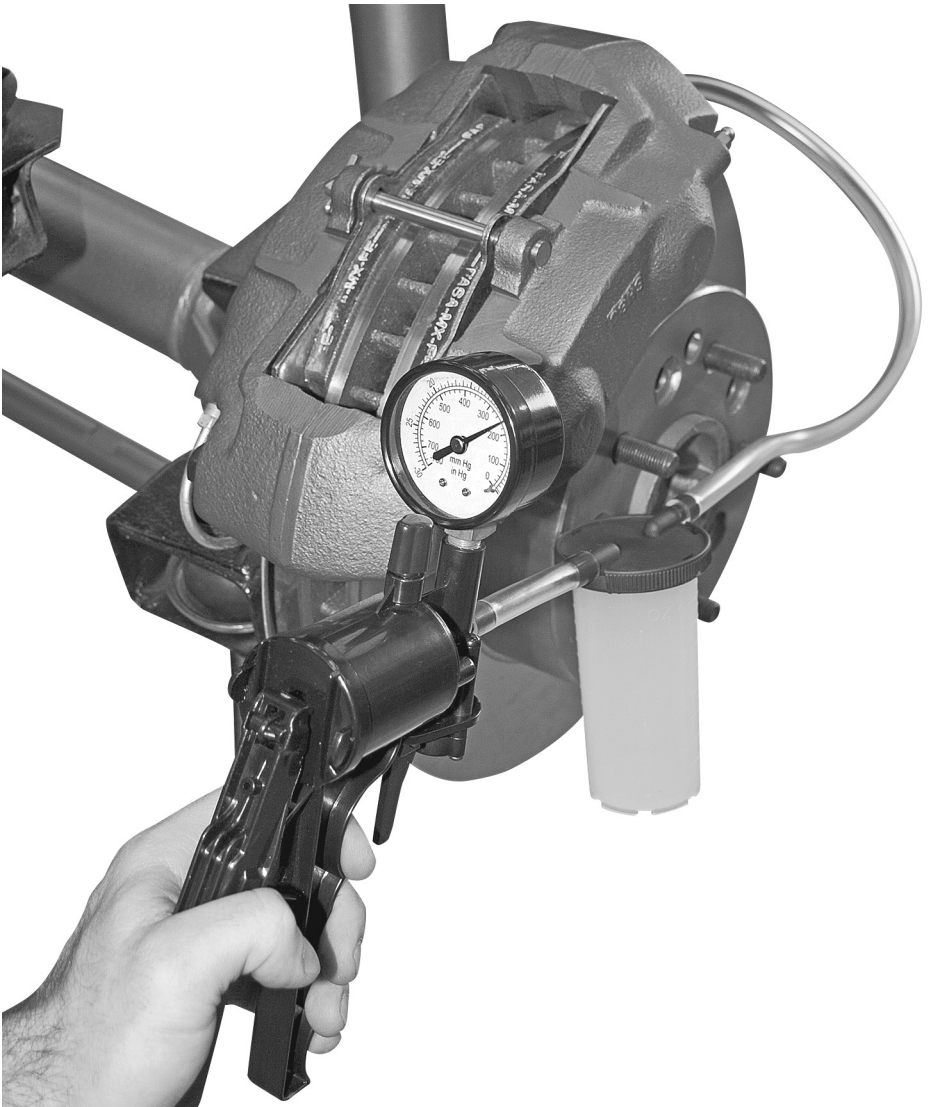
Eastwood

DO THE JOB RIGHT.

Part #13414

BRAKE BLEEDING TOOL

INSTRUCTIONS





COMPONENTS

- 1 – Brake Bleeding / Vacuum Pump Assembly
- 1 – Reservoir Jar
- 1 – Bleeding Cap for Jar
- 1 – Storage Cap for Jar
- 2 – 24" Vacuum hoses
- 2 – 3" Vacuum Hoses
- 2 – Tapered Hose Adaptors
- 1 – 'T' Hose Connector
- 1 – Straight Hose Connector
- 3 – Brake Bleeder Valve Adaptors (3 Sizes)
- 1 – Replacement Diaphragm

SAFETY

- Always wear eye and skin protection when working with this tool.
- Always make sure the vehicle is in park or gear, and wheels securely blocked so the vehicle cannot move.
- Brake fluid is corrosive so it is important to not spill it on any painted surfaces!
- Check brake fluid level before bleeding each caliper, and top-off.

INSTRUCTIONS

1. Fill your vehicle's master cylinder with fresh brake fluid specified in your vehicle owner's manual. **IMPORTANT: DO NOT mix different types of brake fluid.**
2. To assemble your Eastwood Brake Bleeder, install one of the included 3" vacuum hoses to the barb on the underside of the reservoir jar lid. Once this tube is installed, replace the lid on the reservoir jar.
3. Next attach the second 3" vacuum hose to the barb on the jar lid and connect the other end to the barb on the brake bleeder vacuum assembly.
4. Continue by attaching one of the 24" vacuum hoses to the other barb on the reservoir jar lid.
5. Choose the adaptor that fits most snugly over the brake bleeder valve on your caliper. Once selected, connect it to the 24" vacuum hose. Once this step is completed the tool is set up and ready to use. **NOTE:** It may be necessary to apply Teflon tape to your caliper's bleeder valve's threads to avoid air seepage through the threads.
6. Begin with the caliper that has the shortest tubing run from the master cylinder, and work your way to the caliper that has the longest tubing run from the master cylinder. **NOTE:** Consult a service manual to determine the proper order for your vehicle.
7. Attach the brake bleeder fitting adaptor to the brake bleeder fitting valve on your caliper and pump the vacuum pump handle multiple times until there is vacuum noted on the gauge. **IMPORTANT: Before opening bleeders, pump to 20-22 lbs. vacuum (approx. 6 pumps) to create suction necessary to pull fluid and air.**
8. Open the vehicle's brake bleeder fitting $\frac{1}{4}$ to $\frac{1}{2}$ of a turn to allow the fluid to begin to flow into the reservoir jar. Depending on whether or not there is air in your lines, you may have to pull more or less fluid, but in most cases 20-40mL should be sufficient. Once a proper amount of fluid has been drained from your line, retighten the brake bleeder valve being careful not to over tighten.
9. Once the caliper has been bled, check and refill the master cylinder before moving to the next caliper.
10. Continue to bleed all of your calipers in succession, refilling the master cylinder each time before moving onto the next caliper.

OTHER USES

Although this tool was designed for bleeding brakes, it can also be used for diagnosing vacuum and pressure leaks, testing valves and sensors, along with many other diagnostic uses. This manual provides instruction for its use as a brake bleeder. Consult your service manual for other uses.

ACCESSORIES

- Aerosol Injection System
- 49053 – 3/16" Brake Line Kit
- 49054 – 1/4" Brake Line Kit
- 12603 – 3/16" Stainless Brake Line Kit
- 12604 – 1/4" Stainless Brake Line Kit
- 49074 – Brake Tube Metal Forming Pliers
- 25304 – Eastwood Professional Brake Flaring Tool
- 11756Z – Brake Gray Aerosol

If you have any questions about the use of this product, please contact

The Eastwood Technical Assistance Service Department:
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