



# ONE PERSON BRAKE BLEEDER

Thank you for choosing this fine product from GRIOT'S GARAGE. Your **ONE PERSON BRAKE BLEEDER** is simple to operate and suitable for changing fluids in the main brake and hydraulic clutch systems of all cars. Enjoy the best.

## SPECIFICATIONS

Capacity: **1-1/2 pints**

Working Pressure: **75-120 PSI**

Max Pressure: **170 psi**

Air inlet: **1/4" Female NPT**

Air consumption: **6.5 CFM**

Suction hose: **6' 8" long x 3/16" diameter** made from clear vinyl tubing

Rubber bleeder nipple inlet: **1/8" diameter**

Noise level: **70-75 dB**



PICTURE A



PICTURE B



PICTURE C

## USEFUL INFORMATION

Start by removing all of the old brake fluid from inside the fluid reservoir. Before removing the reservoir cap it's a good idea to clean the dirt from the top of the reservoir to prevent contaminants from entering the hydraulic system. Once the cap is removed draw all the old fluid out with the **ONE PERSON BRAKE BLEEDER**. Carefully add fresh brake fluid to the reservoir until the level is at the full mark (usually found on the side of the reservoir). Once the reservoir is refilled, secure the cap and you can start bleeding the brakes.

It's always best to start at the brake that is the farthest from the master cylinder reservoir. This is usually the passenger side rear brake. Push the rubber bleeder nipple located on the end of the clear vinyl tube over the bleeder screw (**picture A**). You may want to slide a box end wrench over the bleeder screw first. To start the bleeding operation press on the airflow lever located on the handle of the **ONE PERSON BRAKE BLEEDER** (**picture B**). Loosen the bleeder screw and the old brake fluid will be drawn out automatically. Make sure the fluid reservoir does not run empty, as this will introduce air into the brake system. Air can compress, making the pedal feel soft and will not allow your brakes to operate properly! For your convenience we've included a reservoir refill bottle to add brake fluid to reservoirs. (**picture C**) The magnet allows you to secure the bottle to any steel surface under the hood of your car.

**CAUTION:** Some vehicles are equipped with a brake pressure-compensating valve that is attached to the frame and is controlled by a rod that is connected to the rear axle. This valve regulates the amount of pressure going to the rear brakes. When the car is stopping weight is transferred from back to front. A rod transmits these changes to the compensating valve. If you have the vehicle supported by the frame with the rear axle hanging free, the valve will shut off all fluid flow to the rear brakes, making it impossible to bleed. When bleeding the rear brakes on a vehicle equipped with this type of valve, always support the rear axle in such a way as to compress the rear suspension so the valve may remain open.

When the color of the fluid is finally clear, tighten the bleeder screw to stop the extraction. This will prevent air from entering the brake system through the bleeder screw. The rubber bleeder nipple can now be removed from the bleeder screw. Repeat the process going from the passenger side rear to the driver side rear, passenger side front and finish with the driver side front brake.

# ONE PERSON BRAKE BLEEDER (CONT'D.)

Once all four brakes have been bled, check the fluid level and make sure it is at the full mark. Run the engine and check the brake pedal to make sure it feels firm. If the pedal feels soft or spongy, there may be air in the system and the bleeding process should be repeated.

## **WARNINGS AND CAUTIONS:**

Do not use the **ONE PERSON BRAKE BLEEDER** to extract or store dangerous chemicals, poisons, acids, alkalies or solvents. Do not store either the unit or the suction tube near or in areas of high temperatures, open flames, direct sunlight, rain or snow. Do not drop, throw or mishandle the **ONE PERSON BRAKE BLEEDER** and do not dismantle, tamper with or adapt the unit for any other purposes than for what it was originally intended. Always check your brakes before driving the vehicle after any brake service. Dispose of old brake fluid in accordance with your local rules and regulations. Keep all oils, solvents and flammables out of the reach of children.

## **Disclaimer**

GRIOT'S GARAGE is not responsible for any misuse of the **ONE PERSON BRAKE BLEEDER** for any injury or damage incurred to any person or object related to the **ONE PERSON BRAKE BLEEDER**.

## **ANSWERS TO YOUR QUESTIONS**

Should you want to order another **ONE PERSON BRAKE BLEEDER** or for a complete selection of quality GRIOT'S GARAGE products, please write or call us toll-free at 800-345-5789. You can use the internet at [www.griotsgarage.com](http://www.griotsgarage.com). Reorder item number 35706.

*Have fun in your garage!\**

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