

BRAKE BLEEDER KIT

Stock Number W80625

OWNER'S MANUAL

SAFETY GUIDELINES / DEFINITIONS

This instruction manual is intended for your benefit. Please read and follow the safety, installation, maintenance and troubleshooting steps described within to ensure your safety and satisfaction. The contents of this instruction manual are based upon the latest product information available at the time of publication. The manufacturer reserves the right to make product changes at any time without notice.

▲WARNING: Read and understand this entire instruction manual before attempting to assemble, install, operate or maintain this product. Failure to comply with the instructions may result in serious personal injury and/or property damage!

The following signal words are used to emphasize safety warnings that must be followed when using this product:

▲DANGER: Indicates an imminently hazardous situation that, if not avoided, WILL result in death or serious injury.

▲CAUTION: Indicates a potentially hazardous situation that, if not avoided, MAY result in minor or moderate injury.

▲WARNING: Indicates a potentially hazardous situation that, if not avoided, COULD result in death or serious injury.

▲NOTE: Indicates important information, which if not followed, MAY cause damage to equipment.

▲WARNING: READ, UNDERSTAND AND FOLLOW ALL INSTRUCTIONS AND WARNINGS BEFORE OPERATING THIS TOOL. FAILURE TO DO SO MAY RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE AND WILL VOID WARRANTY.

LIMITED WARRANTY

PERFORMANCE TOOL® extends only the following warranties, and only to original retail purchasers. These warranties give specific legal rights. Except where prohibited by local law, the law of the State of Washington governs all warranties and all exclusions and limitations of warranties and remedies. There may be other rights which vary from state to state.

PERFORMANCE TOOL® warrants the product to be free from defects in materials and workmanship under normal use and service. A defective product may be returned for a free replacement within 90 days from the date of purchase, provided that product is returned to place of purchase immediately after discovery of defect. After 90 days and up to one year from date of purchase, PERFORMANCE TOOL® will replace at no charge any parts which our examination shall disclose to be defective and under warranty. These warranties shall be valid only when a sales receipt showing the date of purchase accompanies the defective product or defective part (s) being returned. For part (s) after 90 days, please remit your request, postage prepaid to:

PERFORMANCE TOOL, P.O. Box 88259 Tukwila, WA 98138

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SAFETY PRECAUTIONS AND WARNINGS

- Wear eye protection.
- Avoid contact with clothing, skin, and eyes.
- Always use new brake fluid.
- Do not reuse brake fluid, use a new sealed container of DOT-approved fluid when bleeding the system.
- Do not allow brake fluid to contact vehicle paint.
- Wash with water immediately if brake fluid gets on the paint.
- Never operate a vehicle if the brakes are in question.
- A firm brake pedal is required before you can operate the vehicle.
- Always use Jack Stands to support a lifted vehicle
- If a jack was used to raise the vehicle, always support it with jack stands, and wheel chocks!

NOTE: Check fluid level in the Master Cylinder before and after the bleeding of any brake component.

- Keep the reservoir of the Master Cylinder full.
- Do not allow the bleeder bottle to fill to the top during bleeding.
- Brake fluid will be expelled from the bottle vent if you allow this to happen.

BLEEDING OF CALIPERS AND WHEEL CYLINDERS

1. Make sure the master cylinder is full of brake fluid and sealed.
2. Assemble bleeder kit attaching a short hose to fitting on inside lid of the bottle. Attach the long hose to the corresponding fitting on the outside (top) of the lid.
3. Select an adapter that best fits the bleeder screw.
4. Attach bleeder bottle to a point above bleeder screw using supplied magnet.
5. Open the bleeder screw one turn.
6. Connect the long piece of clear tubing to the bleeder bottle. Connect the tapered adapter to another end of the tubing. Insert tapered adapter into the bleeding screw hole. Make sure you have a tight fit.
7. Now press the brake pedal fully three to four times. Check clear tubing for air bubbles. If no air bubbles exist retighten the bleeder screw and move on to the next wheel. If there are air bubbles in the tubing repeat step #5.
8. Watch the brake fluid level in the master cylinder.
9. Refill whenever fluid gets low and before and after you bleed each wheel.

BLEEDING ORDER

Bleed the component that is furthest from the master cylinder first. Most vehicles with brake systems split front and rear brakes. Bleed them in this order: Right rear, left rear, right front, left front.

NOTE: Whenever the master cylinder is removed from the vehicle, the entire brake system should be bled.

BLEEDING OF MASTER CYLINDERS MOUNTED ON VEHICLE

1. If the master cylinder is mounted so that it is raised at the front, you must first raise the rear of the vehicle until the master cylinder is parallel to the ground.
2. Make sure the master cylinder is full of fluid and sealed.
3. Fill bleeder bottle half full and seal.
4. Connect the long piece of tubing to the double tubing adapter. Then connect the two shorter pieces of hose. Now connect the long piece of tubing to the bleeder bottle. Attach the bleeder bottle using the magnet somewhere near the master cylinder.
5. Insert the two tapered adapters into the break line seats. Make sure you have a good seal.
6. Pump the brake pedal slowly all the way to the floor. (This will force any air out of the master cylinder.) Repeat this until no air remains in the tubing, four strokes is usually enough. Remember to make sure you do not run the Master Cylinder dry.
7. Remove the bleeder and attach the brake lines to the master cylinder. If the fluid is lost from the master cylinder during this step it may be necessary to loosen the brake lines one at a time and depress the brake pedal to force out any air and retighten the brake line before releasing the pedal.
8. You will now need to bleed the rest of your brake system.

CAUTION: DO NOT DRIVE YOUR VEHICLE UNTIL YOU HAVE TESTED THE BRAKES. THE PEDAL SHOULD HAVE A RESISTANCE WITH A FIRM TIGHT FEEL WITH NO SPONGINESS.