



BAVARIAN AUTOSPORT

# Pressure Brake Bleeder Usage Instructions

**SAFETY NOTE:** Brake fluid is poisonous when ingested or brought into contact with mucus membranes (eyes, mouth, etc.) or cuts and abrasions on the skin. Wear safety glasses and protective rubber gloves when working with brake fluid.

**CAUTION:** Brake fluid will damage automotive paint. Wipe up any spilled fluid and flush the area with water immediately.

**NOTE:** For manual transmission models that have a hose running from the master cylinder fluid reservoir to the clutch master cylinder, it is recommended that a hose clamp be installed on the hose at the reservoir nipple. Some models have a stand-alone clutch fluid reservoir, which does not require this step.

All  
BMW's

**PART NUMBER:**

PB03

**NOTE:** These instructions assume that the technician performing this task is familiar with the general procedures for bleeding BMW brake hydraulic systems OR has access to the applicable service manuals and an appropriate level of experience to perform this task. Service manuals for many BMWs are available from Bavarian Autosport.

**PROCEDURE:**

*For best results, please read these instructions step by step before starting installation.*

1. Safely raise and support the vehicle so that the wheels can be removed. You can raise the whole vehicle or just one end at a time or one corner at a time. If you are not raising the whole vehicle, keep in mind that the bleeding sequence will be; right-rear, left-rear, right-front and then left-front.
2. Remove the wheel(s).
3. Use a vacuum pump or "turkey baster" to remove the old fluid from the fluid reservoir. Fill the reservoir with fresh DOT-4 fluid.
4. Remove the brake fluid reservoir cap and screw the Pressure Bleeder cap adapter to the fluid reservoir (disconnect the cap adapter from the Bleeder's pressure hose). Fill the Pressure Bleeder bottle with 1 liter of fresh DOT-4 fluid. Pump the Pressure Bleeder to about 1.4kpa (20psi).
5. Remove the rubber dust cap from the bleeder valve on the caliper (start with the right-rear, then left-rear, right-front and left-front). Fit your box-end or flare-nut wrench over the bleeder valve and attach a length of hose to the nipple and then into a suitable receiver for the fluid. The Bavarian Autosport Brake Bleeder Catch Bottle works great for this. Simply, attach the bottle's hose to the bleeder valve and use the bottle's magnet or hanger cable to secure the bottle.
6. Open the bleeder valve with your wrench. Fluid should start flowing through the bleeder and hose, into the Bleeder Catch Bottle. Keep an eye on the fluid in the reservoir and in the Pressure Bleeder, as well as the pressure in the Pressure Bleeder.
7. When you see fresh fluid in the hose from the bleeder valve, close the valve. Replace the rubber dust cap.
8. Double check the fluid and pressure in the Pressure Bleeder and the fluid in the reservoir (add fluid or pressure as required) and proceed to the next caliper.

**NOTE:** If the vehicle has a manual transmission, don't forget to bleed the clutch slave cylinder. See the Bavarian Autosport Clutch Slave Cylinder Bleeding Tool, for assisting in bleeding the clutch hydraulic fluid, #CBT TOOL where applicable.

9. Once all the calipers are done, slowly release the Pressure Bleeder's pump pressure using the spring loaded pressure release valve at the base of the pump unit. Disconnect the adapter cap from the pressure hose and remove the adapter cap from the vehicle fluid reservoir. Adjust the fluid level in the reservoir as required, replace the cap and then all that's left is to replace the wheels and lower the car.

**FINAL NOTES:** If you are missing any rubber bleeder dust caps, we recommend that you purchase replacements (just give us a call). This is important in keeping dirt and moisture out of the bleeder valves. If any of the bleeder valves are in poor shape (rusty, rounded hex for the wrench, etc.) we can order replacements for you. This will help prevent problems for the next flushing.



Call Toll Free: **1.800.535.2002**