Master Power Brakes
Dual Diaphragm Remote Brake Booster
Universal Applications
P/N: BS1011K

BS1011K – Remote Brake Booster

Thanks for your purchase of our Dual Diaphragm Remote Brake Booster. This is a universal brake booster for use when a power brake system is desired but the room under the hood doesn't allow for any kind of master cylinder mounted brake booster. This booster is designed to be used on vehicles with front disc brakes and rear disc brakes. The booster can be mounted almost anywhere in the vehicle including areas as far away as the trunk.

Installation Notes:

- Please read all instructions before attempting the installation.
- Proper operation of your brakes is essential for your safety and the safety of others. Any brake service should be performed by a professional technician experienced in the installation of brake systems.
- Any installation requiring you to remove a wheel or gain access under the vehicle requires use of jack stands or a lift appropriate to the weight of the vehicle. In all cases, recommended ratings for jack stands should be at least 2-tons. If using a floor jack, be sure to use the appropriate wheel chocks.
- All installations require proper safety procedures and protective eyewear.
- A selection of hand tools sufficient to engage in the installation of these products is assumed and is the responsibility of the installer to have in his/her possession prior to beginning this installation. All installations, which require removal of hydraulic hoses and/or bleeding of the brakes, require appropriate fitting/line wrenches, as well as a safety catch can and protective eyewear. Other than these items, if unique or special tools are required they are listed in the section for that step.
- **ALWAYS CONFIRM WHEEL FITMENT PRIOR TO BEGINNING THE INSTALLATION OF ANY BRAKE SYSTEM!!** Returns will not be accepted for ANY installed part or assembly. Use great care to prevent cosmetic damage when performing wheel fit check!
- Before starting the installation, verify that all parts are included with the brake kit. If items are missing, notify Master Power Brakes immediately.
- Master Power Brakes requires the use of a high quality DOT 3 or DOT 4 brake fluid. Synthetic DOT 4 fluids are acceptable. **ALL WARRANTY IS VOID IF SILICONE DOT 5 FLUID IS USED.**

If you have any questions regarding installation, feel free to contact Master Power Brakes at (888) 351-8781 or through our website at www.mpbrakes.com.

Parts List	
Quantity	**Description**
1	Dual Diaphragm Booster
2	Mounting Brackets (Installed on unit)
4	1/2"-20 Female x 7/16”-20 Inverted Flair Adapter (Installed on unit)
4	Copper Crush Washers (Installed on unit)

Installation Notes:

- Mount the booster in the vehicle using the provided mounting brackets. The booster should be mounted on a solid surface and does not require rubber mounting isolators. Mount the booster so the bleeder screw on the unit is pointing as close to vertical as possible. **NOTE:** The provided mounting brackets can be repositioned so the unit hangs from them. If hanging the unit, make sure there is plenty of support for the weight of the unit along with any vibration that might occur.
- When plumbing the unit, the front brake port on the firewall mounted master cylinder will go from the master cylinder to the Inlet port on the booster. The Outlet will then route from the booster to the front brake calipers. See Figure 1 below for port locations. It does not matter which side is plumbed for the front or rear. For vacuum, connect both halves of the booster together with vacuum hose and a vacuum “T” and then connect to the engine or an electric vacuum pump.

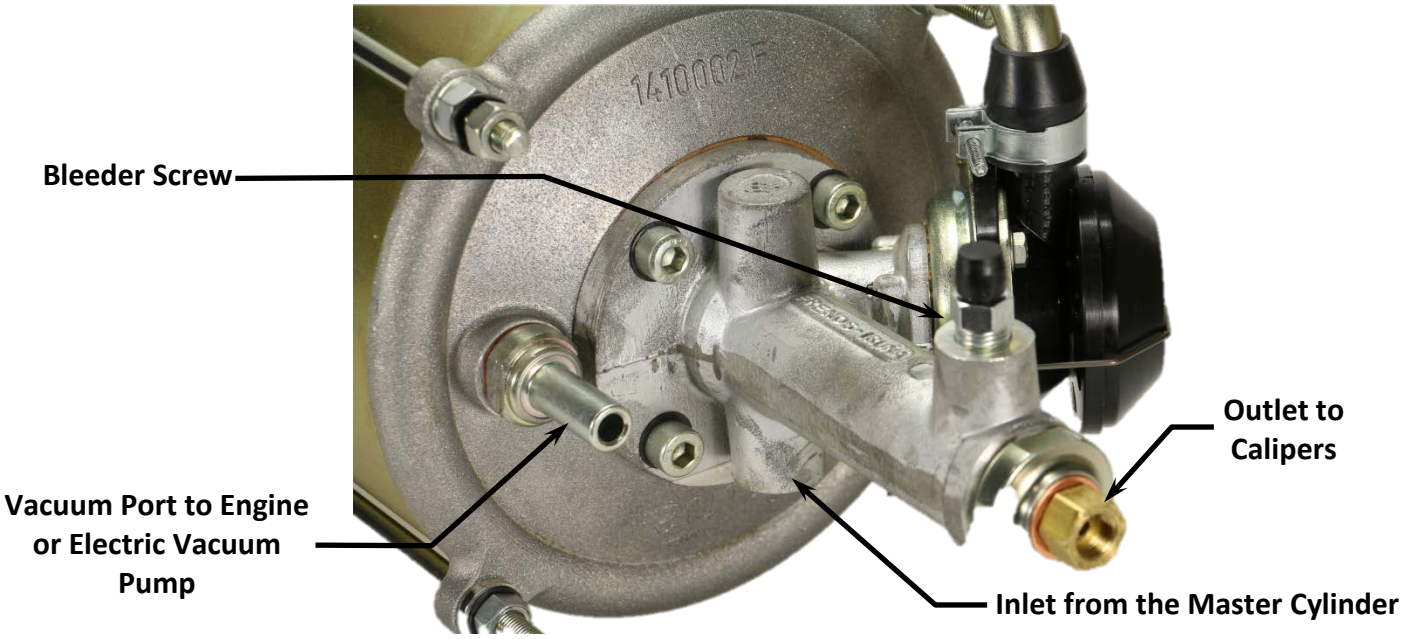

Figure 1 – Port Locations

- The master cylinder must be bench bleed before any bleeding of the brake system can begin. With the master cylinder reservoirs full, **SLOWLY** press the brake pedal several times to fill the system. Once the system has been filled, start at the bleeder on the booster and bleed the air from the system. Once the booster has been bleed, move to the calipers. **NOTE:** It may be necessary to go back and forth between the booster and the rest of the system to remove all of the air from the system.
- After the installation has been completed and the system bleed, for the first 24-48 hours the brake pedal should be checked periodically to make sure brake fluid is not siphoning back into the master cylinder. This will be felt as a soft or spongy pedal. If this exists, it may be necessary to install a residual valve (2 lb.) in line between the booster and the master cylinder.

If you have any questions or comments, please call Master Power Brakes at (888) 351-8781.