



Steering, Brake & Suspension Specialists

# #4852BB - Power Brake Booster Installation Instructions for 1948-52 Ford Trucks

### Parts List:

- |                             |                            |
|-----------------------------|----------------------------|
| 1) Power Brake Booster      | 1) Strut Rod Stabilizer    |
| 1) Master Cylinder          | 1) Pedal Push Rod Assembly |
| 1) Booster Mounting Bracket | 1) Hardware Kit            |

### Notes:

Read these instructions completely before attempting this installation

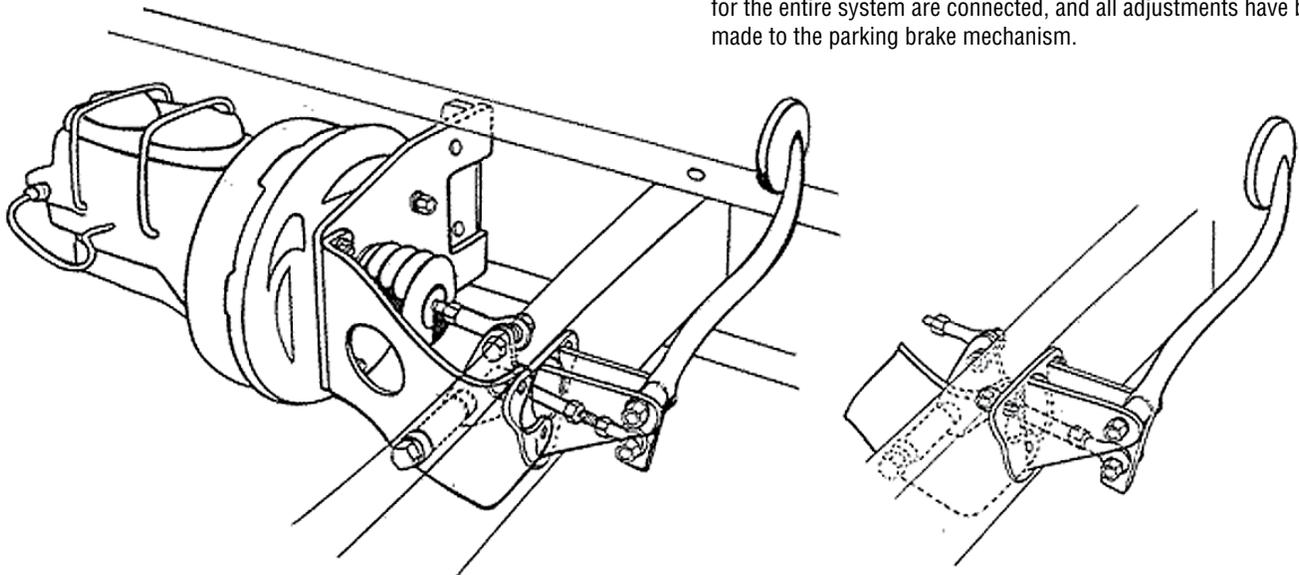
Make sure this kit fits your application before painting or plating. Beware that chroming or painting the booster can cause it to malfunction if not performed properly. Parts that have been painted, plated or modified may not be returned.

### Recommended Upgrades:

GPP recommends using a vacuum pump (Part number 12VVCP) if running less than 18in. of vacuum.

### Instructions:

1. Remove the original master cylinder and push rod from the truck.
2. If your kit came with the booster bolted to the brackets you need to remove the booster. Using the supplied hardware, bolt the two brackets together as pictured below.
3. Bolt the bracket assembly to the crossmember using 2 of the 3 bolt holes that mounted the original master cylinder.



4. Using the bracket as a guide drill the 2 holes that mount the bracket to the frame. Remove the bolts that are holding the 2 brackets together and use them to loosely bolt the bracket to the frame. These bolts should be only finger tight until after the booster is installed.

5. Bolt the booster to the brackets using the hardware supplied with the booster.

6. Tighten all of the bolts that attach the brackets to the frame.

7. Using the supplied hardware attach the push rods to the brake pedal and booster. Adjust the push rod lengths so that the brake pedal is as high as possible without preloading the brakes. Tighten all of the hardware on the bush rods.

**Warning: Preloading the master cylinder will cause the brakes to drag, and lock up.**

8. Configure the master cylinder push rod bore to match the booster pushrod. There is a special tool (Part Number MCDG) available to aid in adjusting the pushrod. A correctly adjusted push rod will not preload the master cylinder.

**Warning: Preloading the master cylinder will cause the brakes to drag, and lock up.**

9. Attach the master cylinder to the booster. Loosely connect the brake lines to the master cylinder. Verify that all of the brake lines and hoses for the entire system are connected, and all adjustments have been made to the parking brake mechanism.

For technical help call Classic Performance Products Monday thru Friday 8:30am to 5:00pm at (714) 522-2000.

**Classic Performance Products, Inc. 714.522.2000** | fax 714.522.2500

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# #4852BB - Power Brake Booster Instructions (Continued)

10. Remove the master cylinder.

11. Bench bleed the master cylinder:

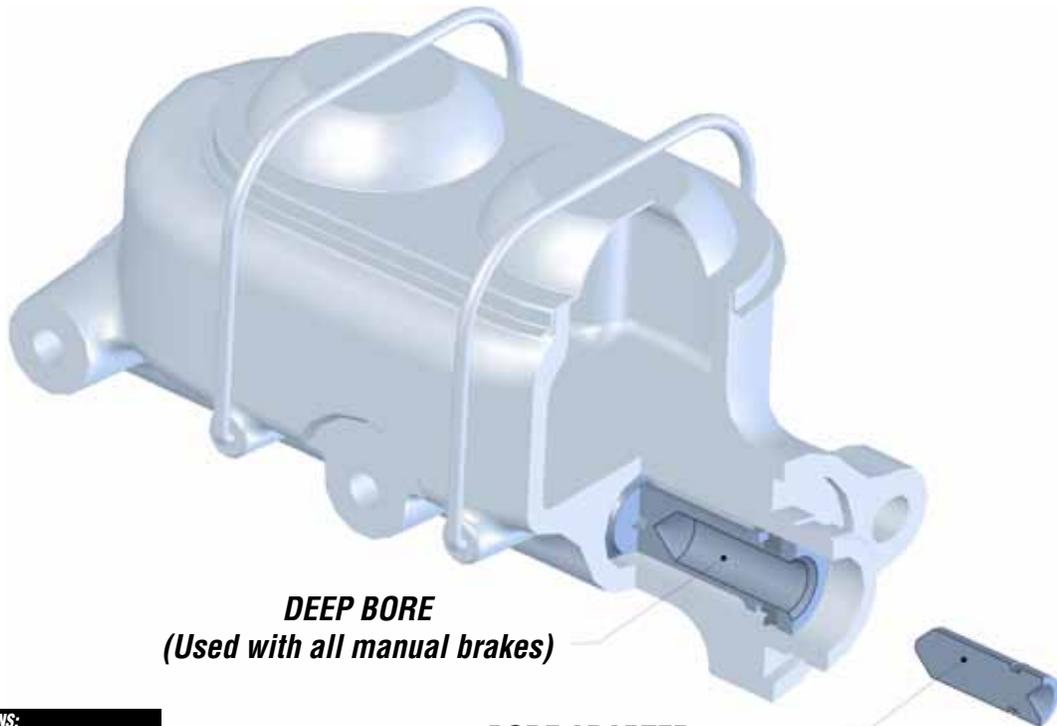
Mount, hold, clamp or secure the master cylinder in a level position. A bench vise is a good way to keep the master cylinder level. Fill the master cylinder reservoir/s with brake fluid. If you have a master cylinder bleed kit, install the fittings into the master cylinder, connect the hoses to the fittings, and put the other end of the hose into the master cylinder reservoir. If you do not have a master cylinder bleed kit you will want to have some sort of container under the master cylinder to catch the fluid that comes out of the master cylinder ports. With your screwdriver like tool compress the master cylinder piston until it reaches the bottom of its travel. Release the pistons so that it will return to the "at rest" position. Continue to cycle the master cylinder until no more air comes out of the master cylinder ports.

12. Immediately after bench bleeding the master cylinder reinstall it back onto the car and connect the brake lines. The more quickly this it is reinstalled the less chance of getting air back into the master cylinder.

13. Bleed the brake system.

**Warning: Do not attempt to drive or move the truck until the truck has a "good" brake pedal.**

14. Connect 3/8" vacuum hose to the booster and a good vacuum source.



**DEEP BORE**  
(Used with all manual brakes)

**BORE ADAPTER**  
(Used with some power brakes)

**GENERAL TORQUE SPECIFICATIONS:**

1/4"	grade 5	10lb/ft	1/4"	grade 8	14lb/ft
5/16"	grade 5	19lb/ft	5/16"	grade 8	29lb/ft
3/8"	grade 5	33lb/ft	3/8"	grade 8	47lb/ft
7/16"	grade 5	54lb/ft	7/16"	grade 8	78lb/ft
1/2"	grade 5	78lb/ft	1/2"	grade 8	119lb/ft
9/16"	grade 5	114lb/ft	9/16"	grade 8	169lb/ft
5/8"	grade 5	154lb/ft	5/8"	grade 8	230lb/ft