



WARNING

Proper operation of your brakes is essential for your safety and the safety of others. Any brake service should be performed ONLY by persons experienced in the installation and proper operation of brake systems. It is the responsibility of the person installing any brake component or kit to determine the suitability of the component or kit for the particular application. After installation and before operating your vehicle, be sure to test the function of the brakes under controlled conditions.

DO NOT DRIVE WITH UNTESTED BRAKES!

FOR TECHNICAL ASSISTANCE CALL:

888-533-1199

MONDAY - FRIDAY

8:00 AM TO 5:00 PM EST

IMPORTANT

Take time to read all the literature that came with this kit. Check the provided list of parts against what you received to ensure all parts are present. While this kit was designed to make the process of changing brake parts as simple as possible. **NOTE: WITH SOME KITS IT MAY BE NECESSARY TO MAKE MINOR CHANGES TO YOUR CAR!**

READ ALL WARRANTY DISCLAIMERS AND RETURN POLICIES INCLUDED IN THIS KIT PRIOR TO INSTALLATION!

MASTER POWER BRAKES

110 CROSSLAKE PARK RD. MOORESVILLE, N.C. 28117

www.mpbrakes.com



BM1404 JEEP POWER BOOSTER

IT'S MORE THAN BRAKES...IT'S CONFIDENCE!

INSTALLATION INSTRUCTIONS



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www.mpbrakes.com 704-664-8866



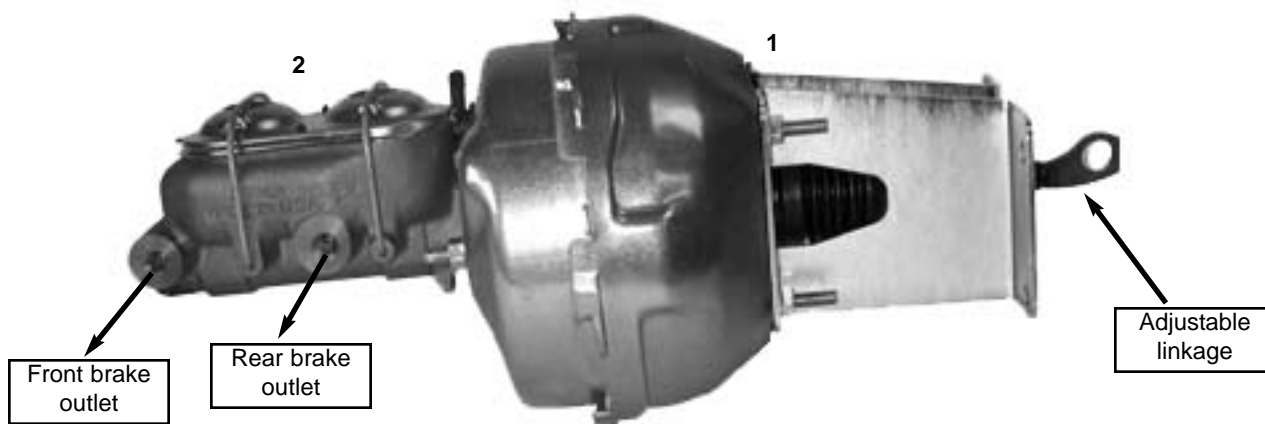
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INSTALLATION INSTRUCTIONS

INCLUDED COMPONENTS

Your power brake conversion kit will contain the following components:

1. Power booster with firewall bracket and pedal linkage.
2. Master cylinder
3. Vacuum hose with intake manifold fitting (not shown)
4. Bench bleeding kit.(not shown)



INSTALLATION

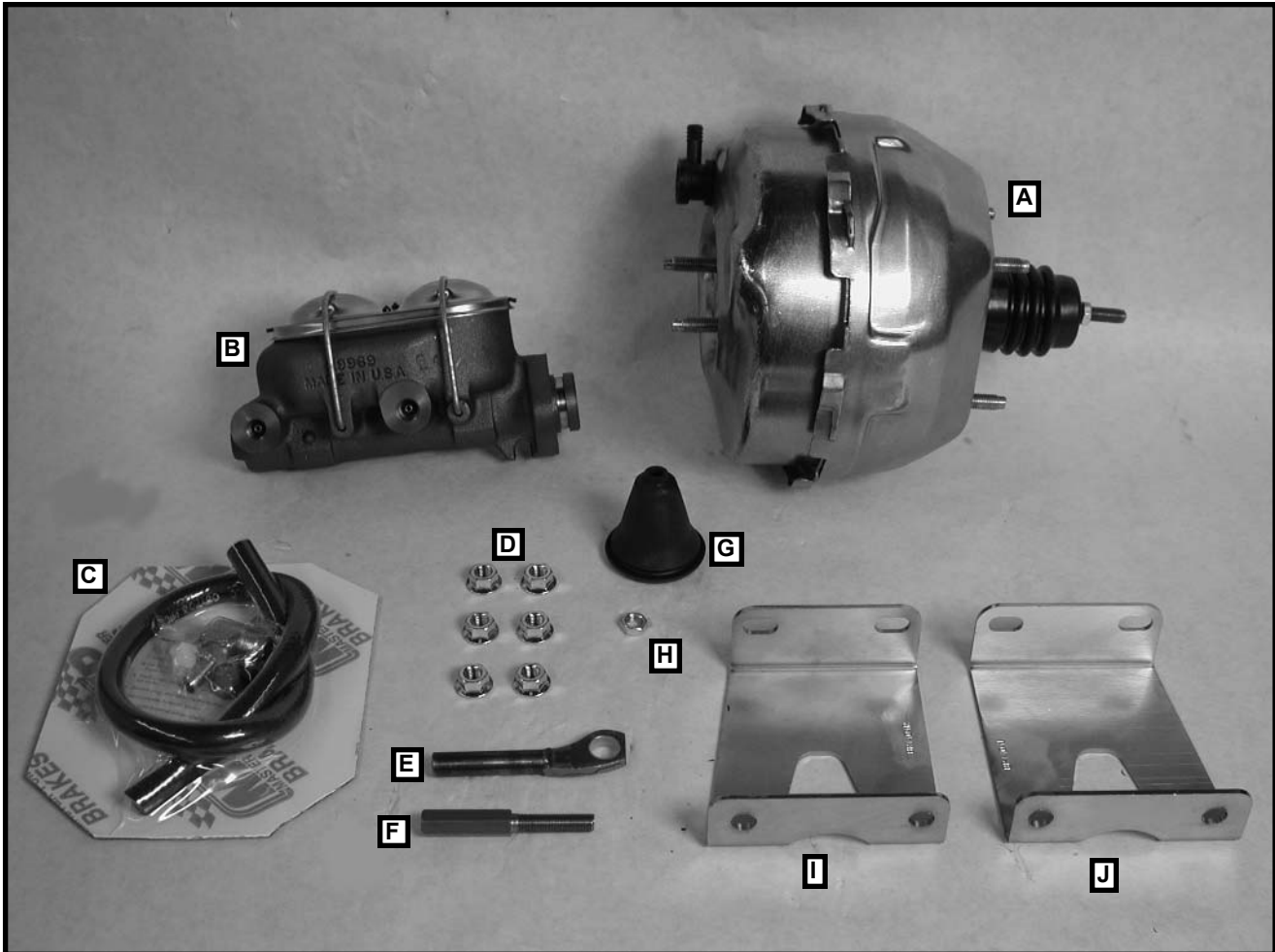
1. Disconnect the master cylinder push rod from the pedal inside the vehicle.
2. Remove the brake lines from the old master cylinder.
3. Remove the old master cylinder.
4. Mount the new booster to the firewall using the two master cylinder bolts and the other two bolts on the firewall from the hanging pedal that match the booster brackets.
5. Connect the booster push rod to the pedal. Adjust the pedal height so there is 1/4 " free play at the top of the pedal. Do this by adjusting the booster push rod that goes from the booster to the pedal.
6. Check the stop light switch adjustment.
7. Bench bleed the master cylinder with the supplied bleeder kit.
8. Mount the master to the booster and secure.
9. Connect the master cylinder lines to the system as per the photo above. The line from the master cylinder closest to the booster feeds the rear brakes.
10. If you are using our combination valve v13350 or v13359 mount the combination valve to supplied bracket and attach the bracket and lines as shown in figure below.



11. Supply the booster with vacuum from the intake manifold or the carburetor. You must have at least 18" vacuum.
12. Bleed the entire system and test function before driving.

CAUTION: CHECK THE HOOD CLEARANCE BETWEEN THE INSIDE REAR HOOD SUPPORT AND THE BOOSTER. CHECK HOOD HINGE BOLTS THAT PROTRUDE THROUGH THE HOOD. BOLTS FOR THE HINGE MAY NEED TO BE CUT FOR CLEARANCE. ADJUST FENDER SUPPORT ROD FOR BOOSTER CLEARANCE.

**BM1404
PARTS LIST
89-95 JEEP TJ**



PARTS LIST

- A) (1) BSKZ9 BOOSTER, 9" DUAL
- B) (1) MC390360P MASTER CYLINDER, POWER, GM, 1" BORE, 7/16" STROKE
DUAL RESERVOIR/ FENDER SIDE
- C) (1) HS4001K HOSE KIT, VACUUM
 - (1) AC2002 BLEEDER KIT, USED IN DUAL MASTER CYLINDER APPLICATION
 - (1) HS4001-2 VACUUM HOSE, 2FT PER KIT
 - (1) HW40066 FITTING, MALE ELBOW, 3/8 O.D. TUBE, 3/8 PIPE VAC. HOSE
 - (1) HW413-66 FITTING, MALE INVERTED 3/8 HOSE I.D., 3/8 O.D. MANIFOLD VAC. HOSE
- D) (6) 100CNWFZ NUT, M10, SERRATED FLANGE
- E) (1) PR1404 PUSH ROD, JEEP
- F) (1) PRBL3 PUSH ROD 3" FOR BOOSTER
- G) (1) HW2121 BOOSTER BOOT, 59-64 CHEVY
- H) (1) 37FNFJOZ NUT, 3/8-24 HEX FINISH J NUT ZINC
- I) (1) BR1404R BRACKET, BS RIGHT SHORT JEEP
- J) (1) BR1404L BRACKET, BS LEFT SHORT JEEP

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