



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



DB1545

1965-1972 FORD TRUCK

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

INSTALLATION INSTRUCTIONS

MASTER POWER BRAKES

110 CROSSLAKE PARK RD MOORESVILLE N.C. 28117

www.mpbrakes.com 704-664-8866



REVISED 082002

INSTALLATION INSTRUCTIONS

INCLUDED COMPONENTS

Your power brake conversion kit will contain the following components:

1. Power booster with vacuum hose and intake manifold fitting .
2. Master cylinder
3. Combination valve kit
4. Caliper mounting brackets and hardware and bolts
5. Calipers with pads and hardware
6. Rotors
7. Bearings, seals and dust caps
8. Caliper hoses with crush washers

DISC BRAKE INSTALLATION

Installation of the disc brake kit will require the use of the following tools:

3/8" ratchet drive set
Box end wrench set
Pliers
Line flaring tool

Mallet
Drum brake tool
Screwdriver
Line bending tool

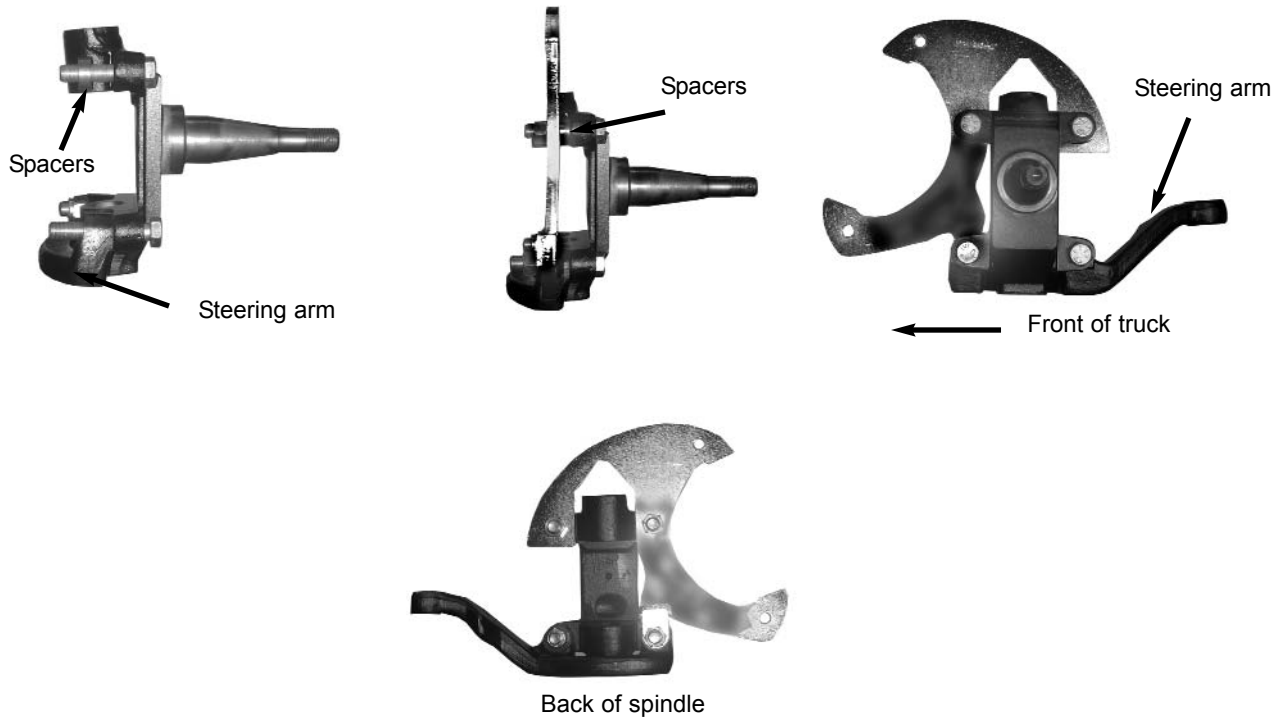
Flare wrench set

Always refer to the vehicle owners manual for the correct torque specifications when installing this kit

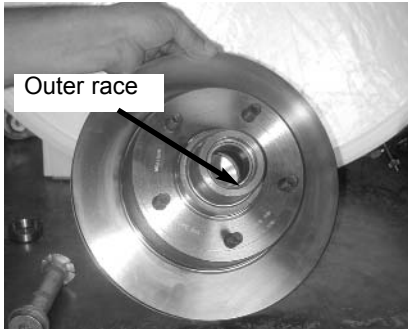
INSTALLING THE DISC BRAKES

1. Remove the stock front drums, brakes and backing plates. Clean and inspect the spindles for cracks or damage.
2. Remove the retaining nuts on three of the four bolts on the spindle itself. See below. Install supplied spacers on the upper two bolts between the spindle and the bracket. Install locknuts and tighten.

DRIVERS SIDE SPINDLE



3. To install the rotors onto the spindle the outer race must be replaced and the supplied race and outer bearing must be used.



The outer race must be replaced



Remove the outer race with a punch



Install the new outer bearing race and tap it into the rotor securely

4. **Before proceeding be sure to pack the bearings with a high quality bearing grease.**

5. Install the inner bearing into the rotor followed by the bearing seal. Be sure to install the seal securely and flush with the rotor.



Install the inner bearing



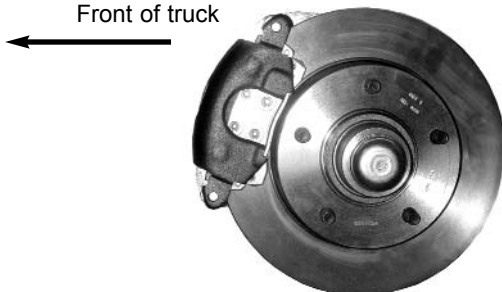
Install the inner seal

6. Slide the rotor onto the spindle followed by the outer bearing, the keyed washer, the spindle nut and the cotter pin. Be sure the spindle nut is not too tight or that the rotor is not too loose.



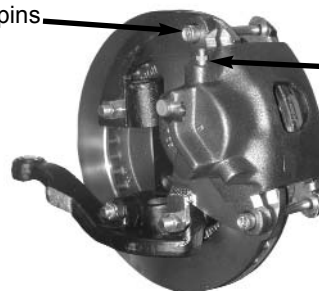
7. Mount the caliper onto the bracket and tighten the caliper pins. Be sure the bleeder screw faces up.

Front of truck



Caliper pins

Bleeder screw up



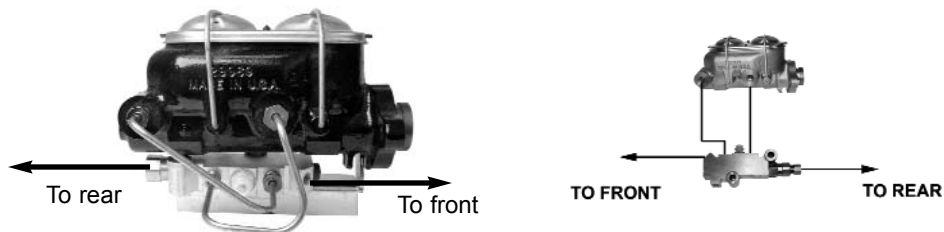
8. Attach the caliper hose to the caliper and then to the hard line at the frame. Be sure to install the copper crush washers between the brass hose fitting and the caliper.

INSTALLING THE POWER BOOSTER

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 from the firewall.
4. Mount the new booster to the four studs on the firewall.
5. Connect the booster push rod to the pedal using the existing hardware. Adjust the push rod to have appx 1/4" free play at the top of the pedal.
6. Bench bleed the master cylinder and install it onto the booster.
7. Connect the supplied vacuum hose from the booster to either the back of the carburetor or to the intake manifold with the supplied manifold fitting.
8. Connect the hydraulic lines as shown below.

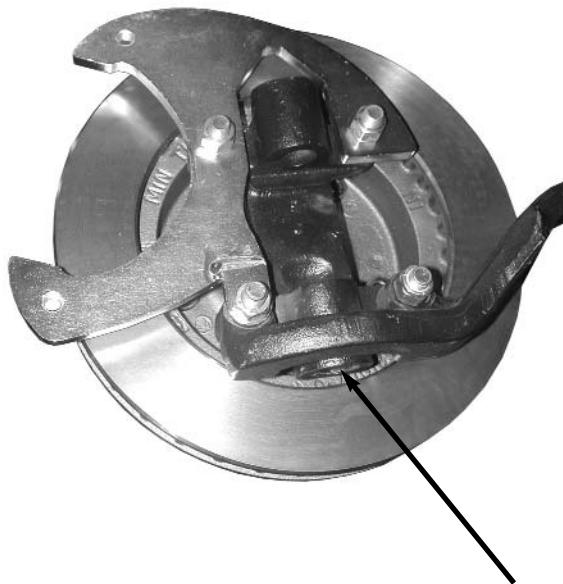


9. With disc brakes you should install the disc/drum combination valve to balance the system.



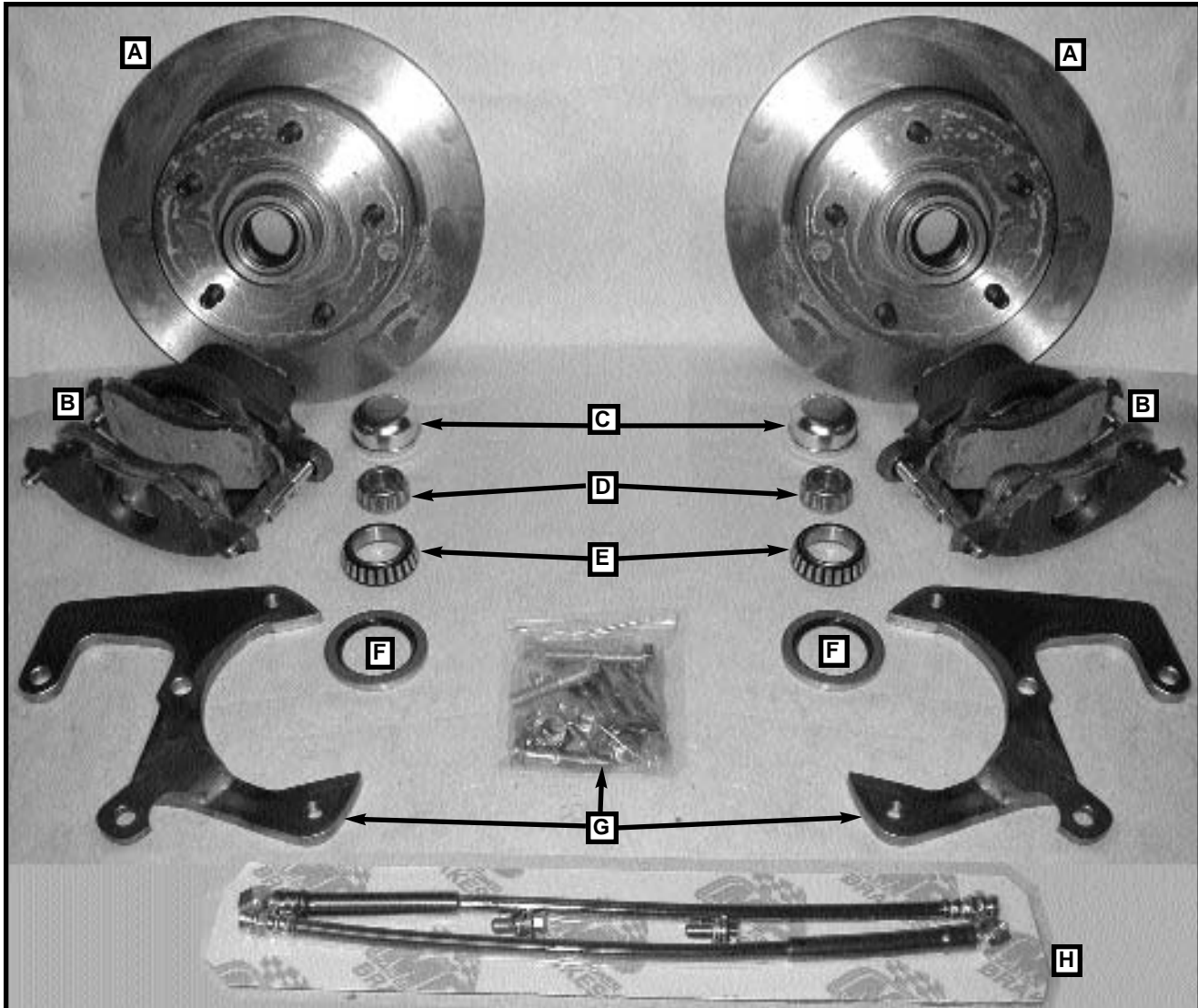
10. Bleed the entire system and test brake function before driving.

NOTE: IF YOUR KING PIN RUBS ON THE INSIDE OF THE ROTOR YOU WILL HAVE TO GRIND SOME MATERIAL OFF THE CAP OF THE KING PIN AS SHOWN BELOW. ON 1965 MODELS, THE CENTERING PIN ON SOME AXLES WILL NOT LINE UP PROPERLY. YOU WILL HAVE TO USE THE OLD PIN MEASUREMENT AND TRANSFER IT TO THE NEW KING PIN AND GRIND A NEW NOTCH.



**GRIND MATERIAL OFF THE
CAP OF THE KING PIN
HERE**

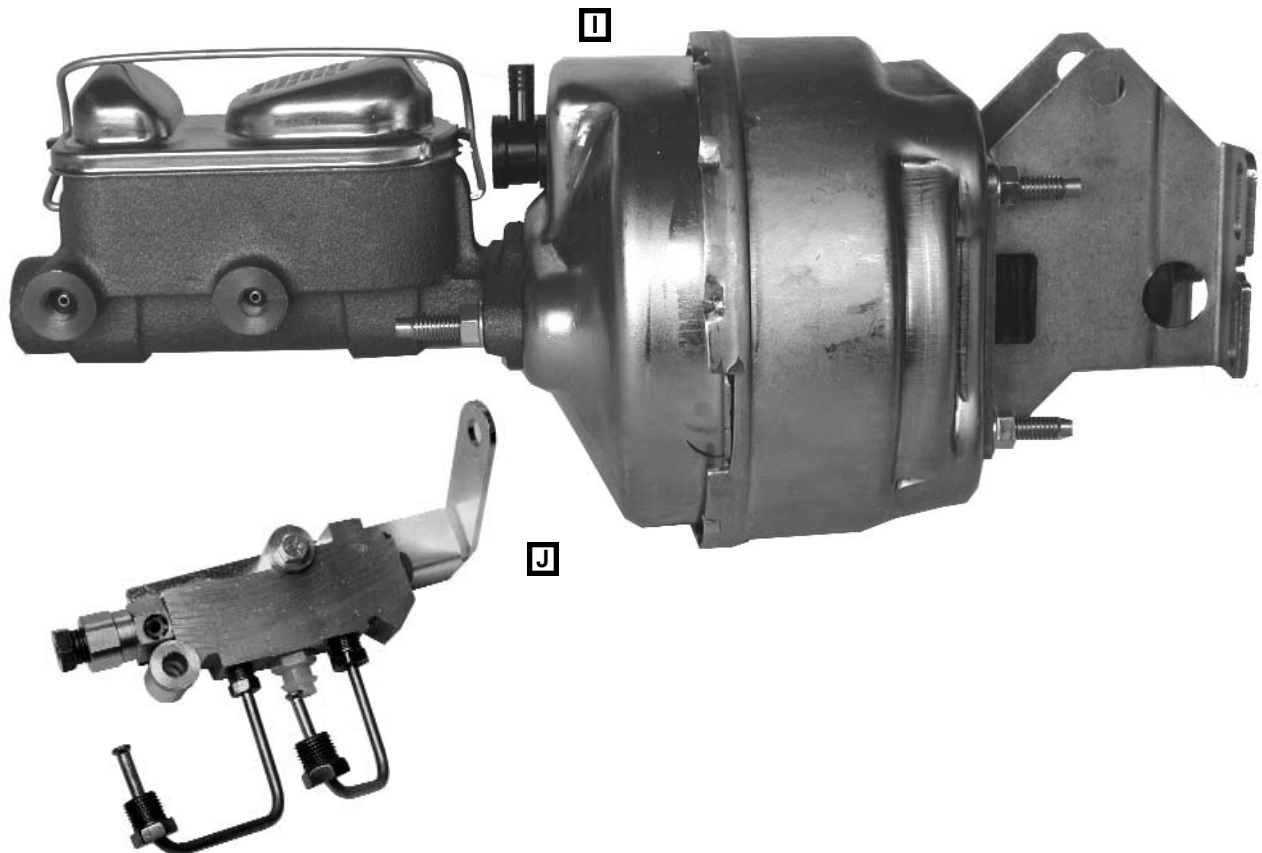
DB1545P
DISC, POWER, 65-72 FORD TRUCK 5 ON 5 1/2 BC
PARTS LIST



PARTS LIST

- A) (2) RT141067 ROTOR, FORD TRUCK, TWIN I BEAM 65-72
- B) (2) CA404546 CALIPERS, 60-72 CHEVY TRUCK 5 OR 6 LUG
- C) (2) HW503 FORD DUST CAPS, TRUCK 86-92 AEROSTAR, RANGER
- D) (2) HWA2 BEARING, OUTER
- E) (2) HWA13 BEARING, INNER
- F) (2) HW44053 SEAL, 57-64 FORD 1/2 TON
- G) (1) BRECI732 BRACKETS, 57-64 FORD TRUCK
- H) (1) HS5157K HOSE KIT, 18" HOSES
 - (2) HS5157 HOSE, 18" 10MM HOSE
 - (4) HW21206 WASHER, COPPER USED FOR METRIC HOSE BOLT
 - (2) HW5155 10MM METRIC BOLT COURSE

DB1545P
CONTINUED



PARTS LIST (CONT.)

- I) (1) BM1547 BOOSTER, 57-72 FORD TRUCK 8" DUAL DIAPHRAGM BOOSTER
- J) (1) VL3360K VALVE KIT, W/ FITTINGS
 - (1) 25C175HCS5Z 1/4 X .175 BOLT
 - (1) 25CNNEZ 1/4 COURSE NYLOCK NUT
 - (1) BR1261N BRACKET, VALVE, UNIVERSAL
 - (2) HW105-3 NUT, 3/16 TUBE 3/8-24 THD
 - (1) HW106-3 PLUG, 3/16"
 - (2) HW106-4 PLUG, INVERTED STEEL 1/4" O.D.
 - (1) HW115-37 NUT, 3/16 TUBE 7/16-24 THD RED
 - (1) HW115-38 NUT, 3/16 TUBE 1/2-20 THD BLACK
 - (1) HW115-39 NUT, 3/16 TUBE 9/16-18 THD OLIVE
 - (1) HW1709 PLUG, SWITCH, COMBO VALVE
 - (1) HW210-43 ADAPTOR, BRASS 7/16-3/8M
 - (2) HW300-3 COUPLER 3/16
 - (2) HW300-4 COUPLER 1/4
 - (2) HW300-5 COUPLER 1/2
 - (1) HW3359 PLUG, COMBO VALVE, 4 WHEEL DISC
 - (1) HW702-3 T-FITTING 3/16 X 3/16 X 3/16
 - (1) VL3350 VALVE, COMBO, DISC / DRUM

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