



## 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**

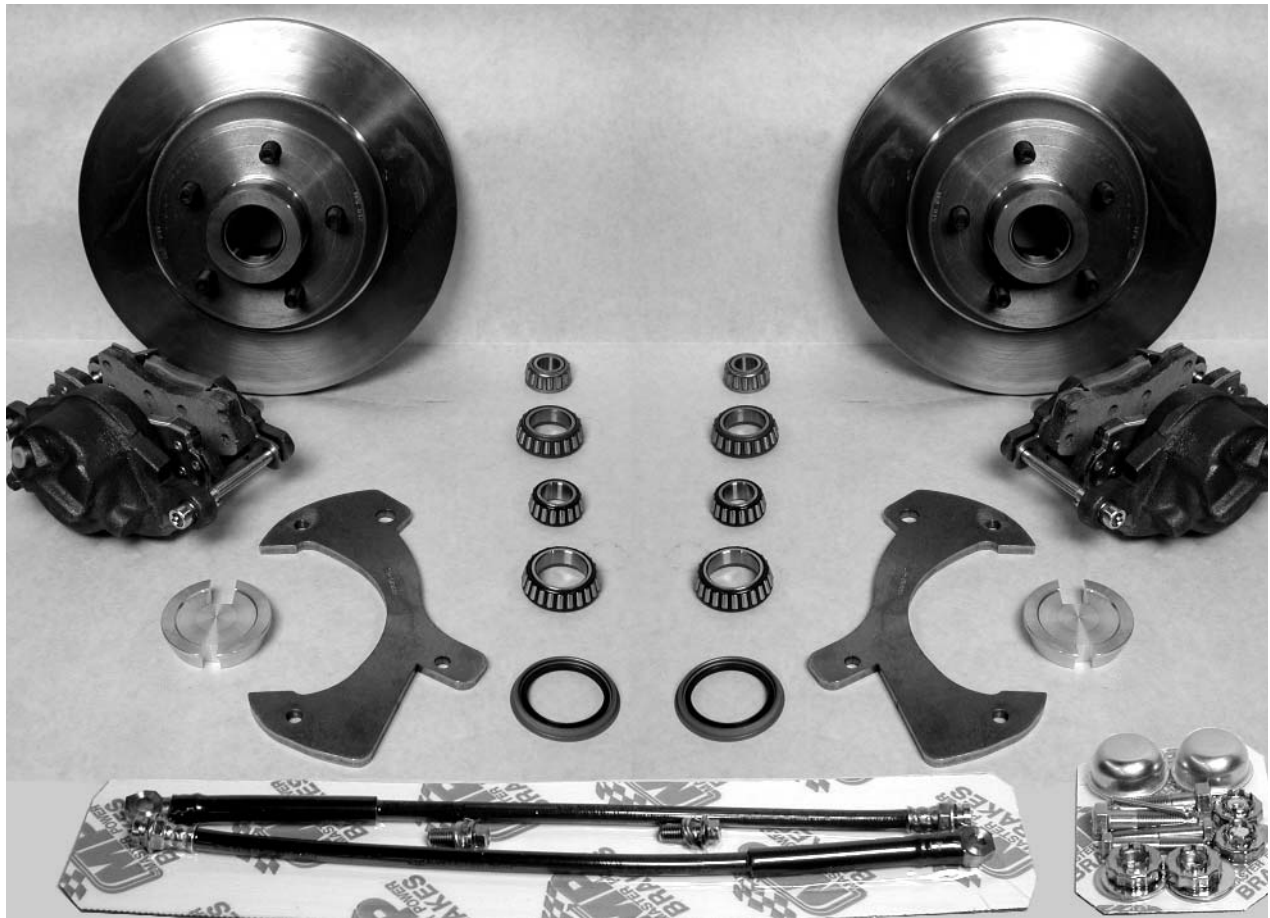
**[www.mpbrakes.com](http://www.mpbrakes.com)**



# DB1513 SERIES 1957-1964 FORD

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

## INSTALLATION INSTRUCTIONS



# MASTER POWER BRAKES

110 CROSSLAKE PARK RD MOORESVILLE N.C. 28117

[www.mpbrakes.com](http://www.mpbrakes.com) 704-664-8866



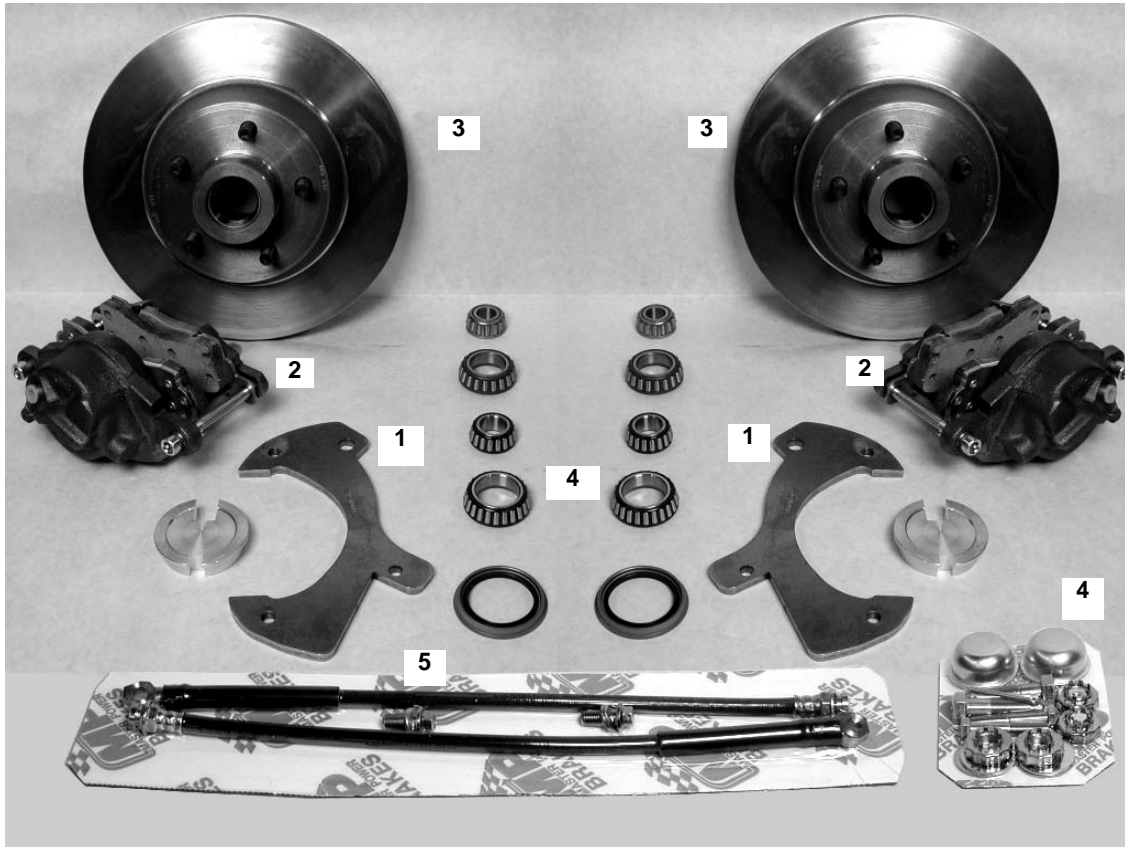
REVISED 072002

## INSTALLATION INSTRUCTIONS

### INCLUDED COMPONENTS

Your disc brake conversion kit will contain the following components:

1. Caliper mounting brackets and hardware
2. Calipers with pads
3. Rotors
4. Bearings, seals and dust caps
5. Caliper hoses



### 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

1. Remove the stock front drums, brakes and backing plates. Clean and inspect the spindles for cracks or damage. Be sure to thoroughly clean out the threaded hole at the top of the spindle. This is extremely important. Use a non oil based cleaner such as Brake Clean. Clean the threads out with a bottoming tap if necessary.
2. The installation of this disc kit will require some light grinding on the back of the spindle where the lower tab of the caliper bracket bolts to the spindle. See figure below.

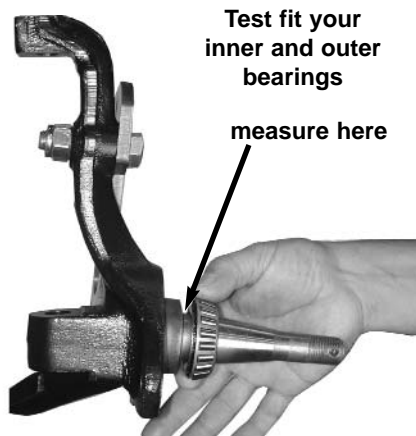
**Drivers side**



**Drivers side**



3. Mount the caliper bracket to the spindle as shown using the supplied bolts and nuts.
4. There are two different size spindles possible on your car. Test fit the bearings supplied to determine which inner and outer bearings fit on your spindle. If the spindle diameter is 1.250 you will use the A2 and A6 bearings. If your spindle diameter is 1.375 you will use the A12 and A13 bearings. Using the A12 and A13 bearings will require that you change the races on the rotors with the races supplied with those bearings. Tap the races in the rotor out and install the larger races.



5. Install inner bearing into the rotor followed by the bearing seal. Be careful to tap the seal flush so it is secure in the rotor. Be sure to grease the bearings with bearing grease before installing.

**Installing the inner bearing**



**Installing the inner seal**

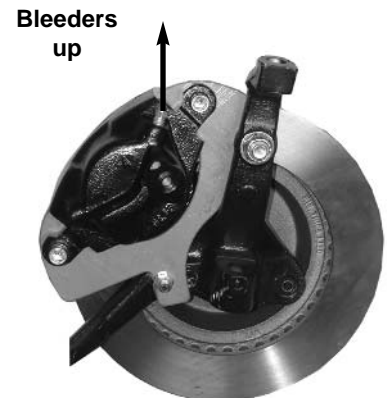


6. Install the rotor onto the spindle followed by the outerbearing, keyed washer and spindle nut. Tighten the nut until the rotor does not spin freely and then back off until it spins freely. Be sure to install the cotter pin on the spindle nut.

## GREASE BEARINGS BEFORE INSTALLING WITH A HIGH QUALITY BEARING GREASE

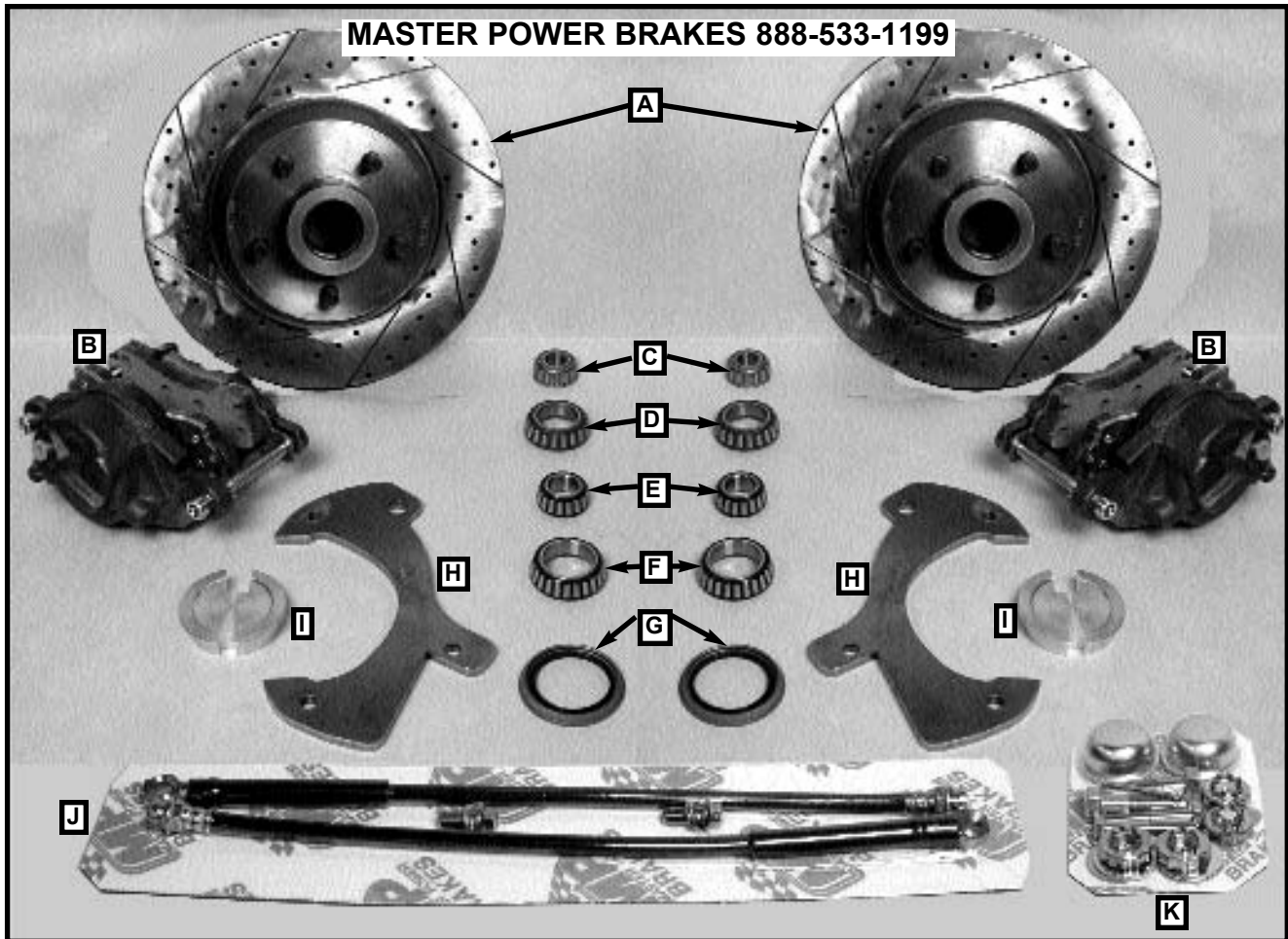


7. Install the pads into the caliper and slide the caliper over the rotor and secure to the bracket with the caliper mounting bolts. **The bleeder screw must up.**



8. Attach the caliper hoses to the calipers using the supplied hose bolts and crush washers. The order of attachment should be caliper, copper washer, brass hose fitting, copper washer, hose bolt.

**DB1513BHP**  
**DISC KIT, 57-64 F/S FORD W/ SLOTTED AND X-DRILLED**  
**PARTS LIST**



**PARTS LIST**

- A) (2) RT141016HP ROTORS, SLOTTED AND X-DRILLED
- B) (2) CA404546 CALIPERS, 60-72 CHEVY TRUCK 5 OR 6 LUG PATTERN
- C) (2) HWA2 BEARING, OUTER
- D) (2) HWA6 BEARING, INNER
- E) (2) HWA12 BEARING, OUTER
- F) (2) HWA13 BEARING, INNER
- G) (2) HW6815 SEAL, ROTOR, SEAL
- H) (2) BRCA1512 BRACKET, CALIPER F/S FORD
- I) (2) AD403940 ADAPTOR, PAD OR SPACER FOR MUSTANG II KIT, FORD
- J) (1) HS5157K HOSE KIT, 18" HOSES 10MM  
 (2) HS5157 HOSE, 18" 10MM HOSE  
 (4) HW21206 WASHER, COPPER USED FOR METRIC HOSE BOLT  
 (2) HW5155 10MM METRIC BOLT COURSE
- K) (1) HW1513HK HARDWARE KIT  
 (2) 12R150PCOZ PIN, COTTER, 1/8 X 1 1/2 ZINC  
 (2) 37F225HCS8Y BOLT, 3/8-24 X 2 1/4 HCS GR-8 ZINC  
 (2) 37FNNEZ NUT, 3/8-24 NYLOCK  
 (2) 56F225HCS8Y BOLT, 9/16 X 2 1/4  
 (2) 56FNNEZ 9/16-12 NYLOCK  
 (2) HW4001 CAPS, DUST, 45.2MM /1 25/  
 (2) HW615005 WASHER, SPINDLE ORG. GM  
 (2) HW615072 NUT, SPINDLE  
 (2) HW615073 NUT, SLOTTED  
 (2) HW615074 NUT, SPINDLE  
 (2) HW615075 RETAINER, SPINDLE NUT  
 (2) HW618013 WASHER, SPINDLE NUT

Revised 1/5/04