



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

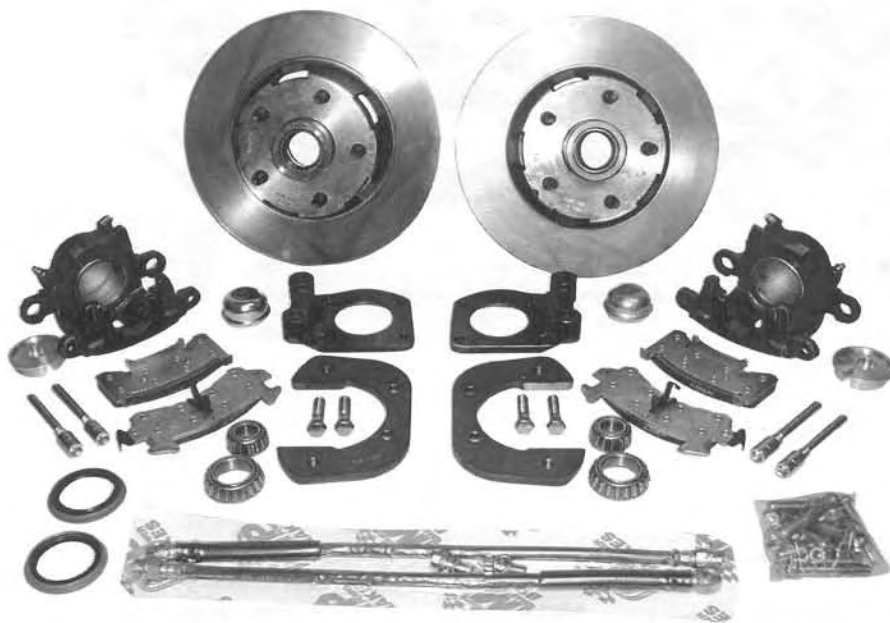
www.mpbrakes.com



DB1509 SERIES 68-71 FAIRLANE/TORINO

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

INSTALLATION INSTRUCTIONS



MASTER POWER BRAKES

110 CROSSLAKE PARK RD MOORESVILLE N.C. 28117

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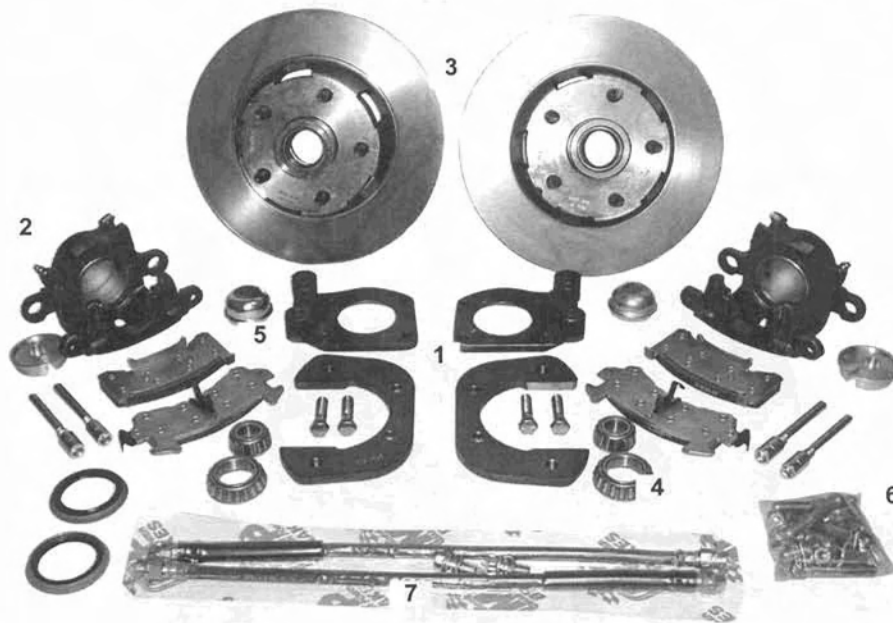
REVISED 040302

INSTALLATION INSTRUCTIONS

INCLUDED COMPONENTS

Your disc brake conversion kit will contain the following components:

1. Caliper brackets
2. Calipers with pads
3. Rotors
4. Bearings, seals
5. Dust caps
6. Mounting hardware
7. Caliper hoses
8. Caliper pad spacer



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

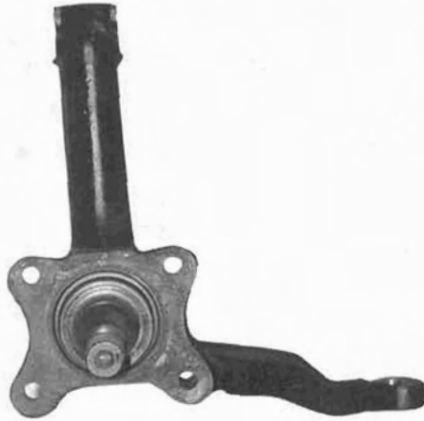
Mallet
Ball joint fork
Screwdriver
Line bending tool

Flare wrench set
Drum brake tool
Snips

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

**THIS KIT IS DESIGNED TO BOLT TO ORIGINAL DRUM BRAKE SPINDLES
WITH THE CALIPERS MOUNTED TOWARD THE FRONT OF THE CAR**

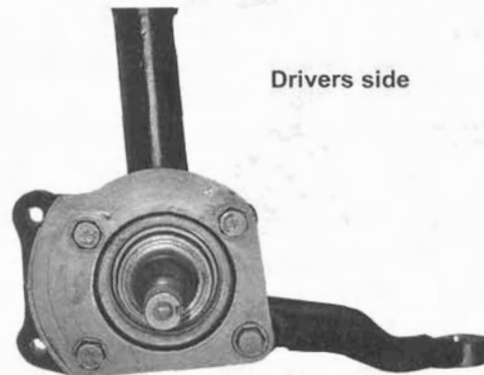
1. If you are performing the installation with a jack, be sure that the parking brake is set and that the rear wheels are chocked. Support the front of the vehicle with jack stands. Never work on sloping ground.
2. If you are using a lift, raise the vehicle to a comfortable working height.
3. Remove the front wheels.
4. Unbolt all the drum brake components including the backing plate so that only the bare spindle remains.



5. Bolt the cast iron bracket onto the spindle as shown below. Use the 4 supplied grade 8 bolts.



Cast iron bracket

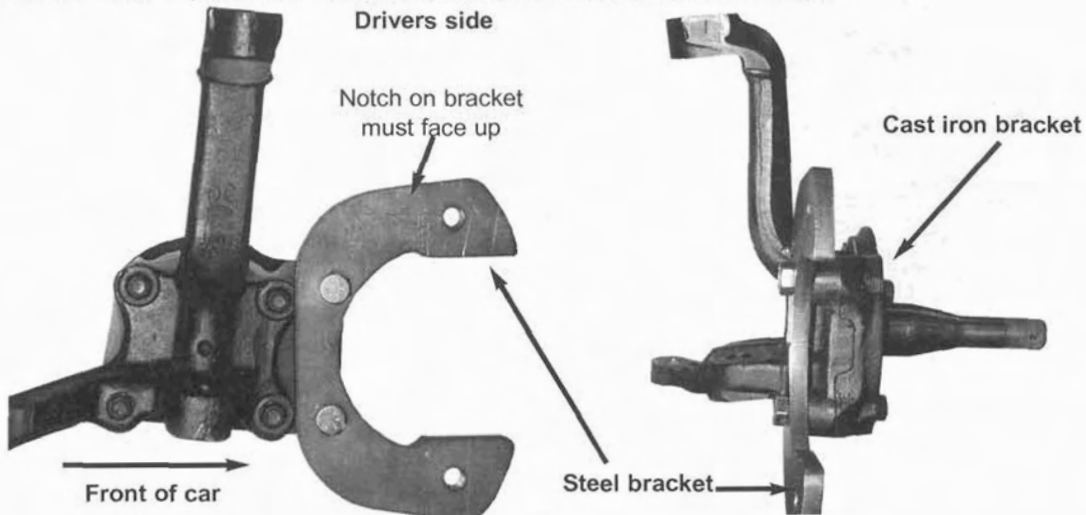


Drivers side

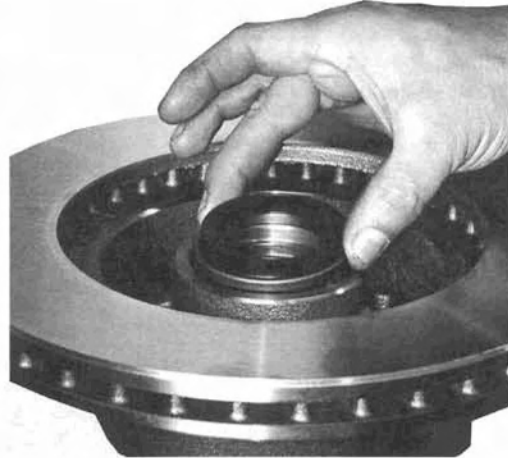
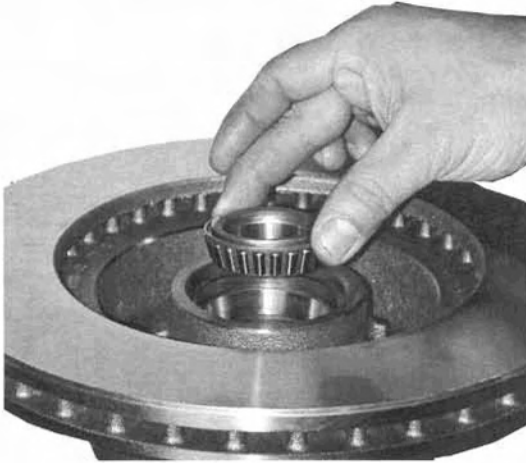
Front of car



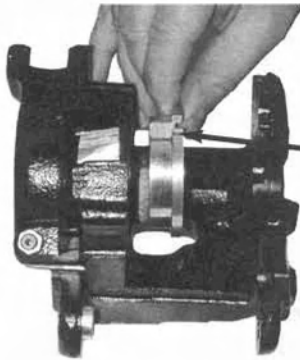
6. Bolt the steel caliper bracket to the cast iron spindle bracket as shown below.



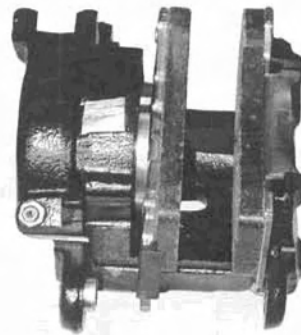
7. Pack the bearings with a high quality bearing grease.
8. Install the larger inner bearing into the rotor followed by the grease seal. Be sure to carefully seat the grease seal fully into the rotor.



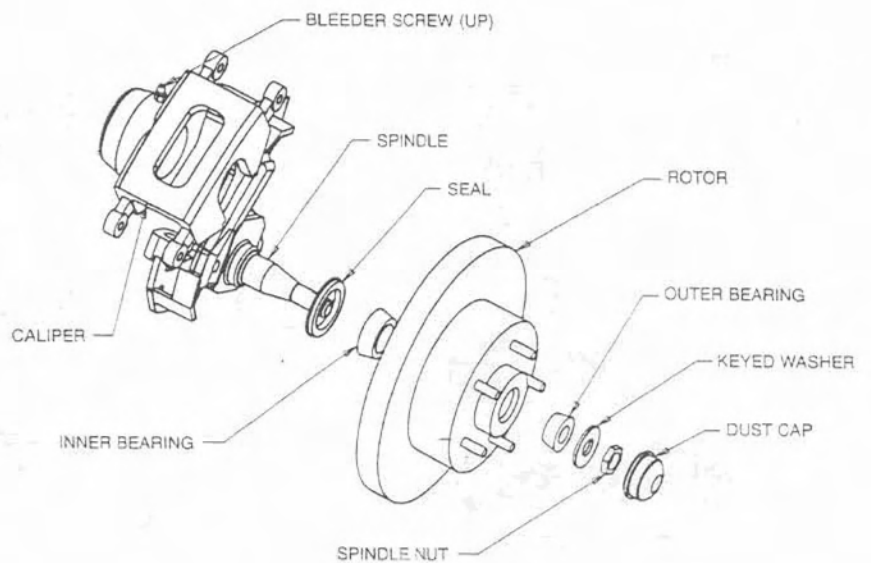
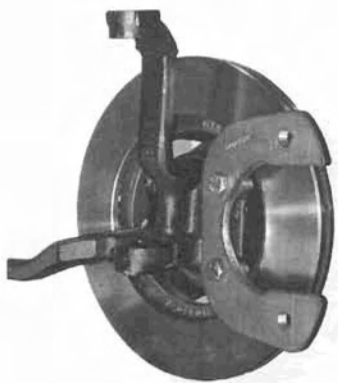
9. Install the aluminum pad spacer into the caliper as shown. Install the pads into the caliper.



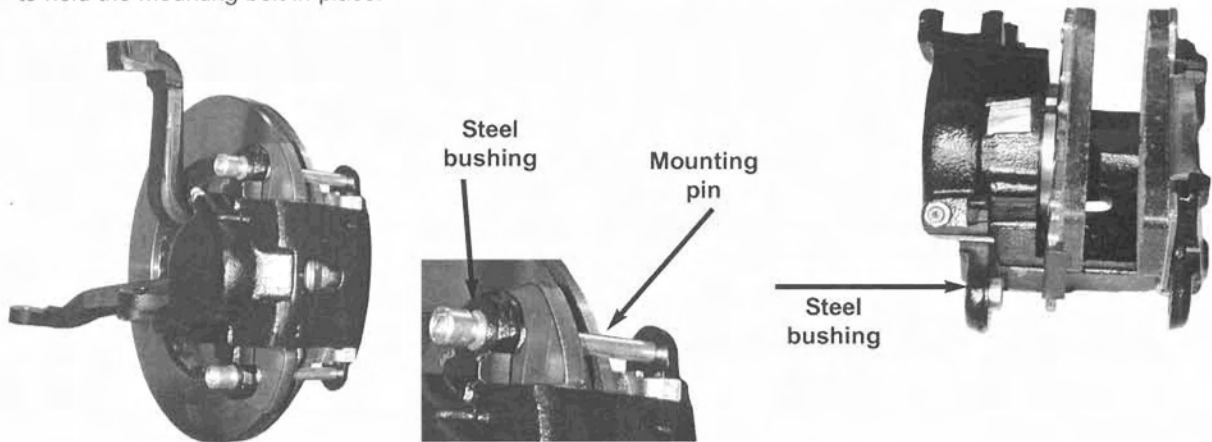
Slot on spacer faces
up for pad clip



10. Mount the rotor onto the spindle followed by the outer wheel bearing, keyed washer and spindle nut. Be sure to pack the bearing with grease.



11. Mount the caliper onto the steel cradle with the bleeder screw facing up and the rotor between the pads. Use the threaded caliper bolts to attach the caliper to the cradle. Be sure to install the steel bushings into the caliper to hold the mounting bolt in place.



12. This completes one side of the car. Repeat the process on the other side. Remember: The calipers mount toward the front and the bleeder screws must be on top.

BM1510 INSTALLATION INSTRUCTIONS

INCLUDED COMPONENTS

YOUR POWER BRAKE CONVERSION KIT WILL CONTAIN THE FOLLOWING COMPONENTS:

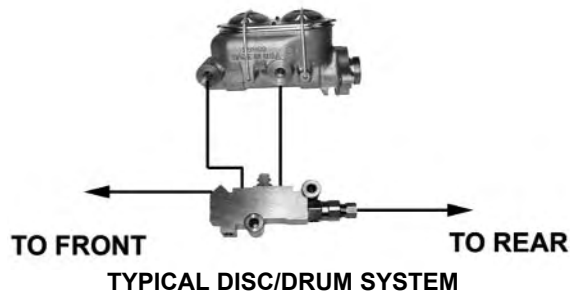
1. POWER BOOSTER WITH FIREWALL BRACKET AND PEDAL LINKAGE
2. DUAL OUTLET MASTER CYLINDER
3. VACUUM HOSE WITH INTAKE MANIFOLD FITTING(**NOT SHOWN**)
4. BENCH BLEEDING KIT(**NOT SHOWN**)



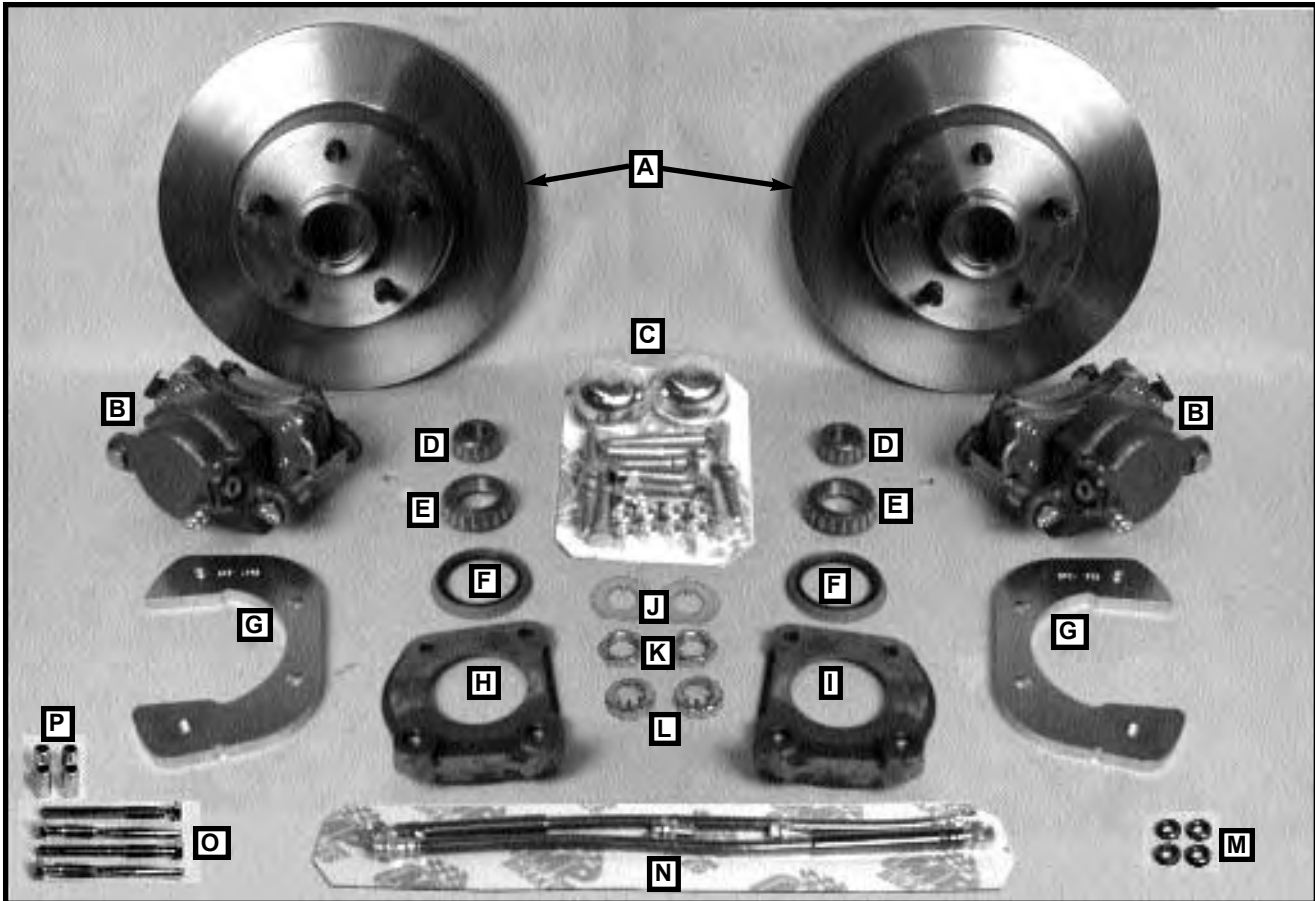
INSTALLATION

1. FROM UNDER DASHBOARD REMOVE BOLT FROM PUSH ROD TO PEDAL.. SAVE THIS BOLT. REMOVE STOP LIGHT SWITCH.
2. REMOVE THE ORIGINAL MASTER CYLINDER HYDRAULIC LINE AND 2 MASTER CYLINDER RETAINING NUTS.
3. INSTALL BOOSTER ONTO FIREWALL USING ORIGINAL BOLTS (2 ORIGINAL MASTER CYLINDER AND 2 PEDAL SUPPORT BOLTS).
4. BENCH BLEED MASTER CYLINDER ON BOOSTER.
5. INSTALL MASTER CYLINDER ON BOOSTER.
6. PLUMB IN APPROPRIATE VALVING FOR SYSTEM YOU ARE USING.
7. BLEED COMPLETE BRAKE SYSTEM USING **D.O.T. 4 FLUID**. **WE DO NOT RECOMMEND (D.O.T. 5) SILICONE FLUID.**

WARRANTY VOID IF SILICONE FLUID IS USED.



DB1509P
DISC KIT 68-71 FAIRLANE, PWR
PARTS LIST

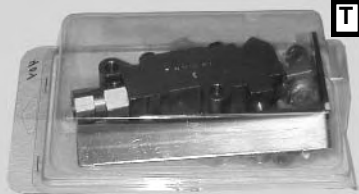
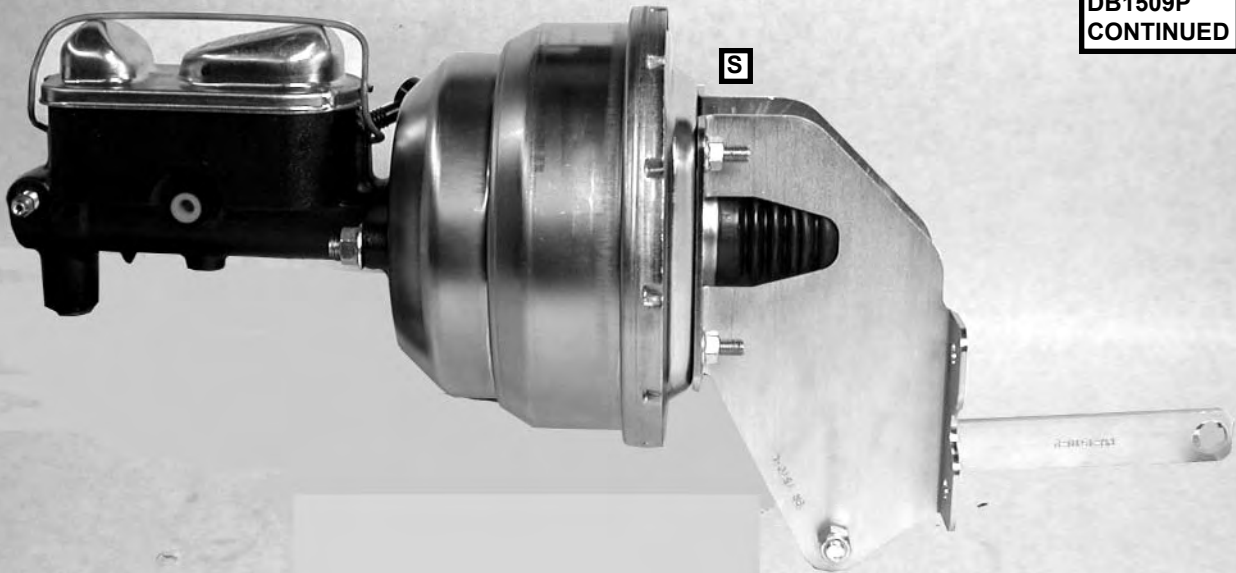


PARTS LIST

- A) (2) RT141019 ROTOR, FRONT, 68-73 MUSTANG
- B) (2) CA412829 CALIPERS, GM SMALL 82-97 S-10
- C) (1) HW1522HK HARDWARE KIT
 - (2) 12R100PCOZ COTTER PIN, 1/8 X1"
 - (6) 37F150HCS8Y BOLT, 3/8-24 X 1 1/2 HCS GR-8 YELLOW ZINC
 - (2) 37F250HCS8Y BOLT, 3/8-24 X 2 1/2 HCS GR-8 ZINC YELLOW
 - (8) 37FNNEZ NUT, 3/8-24 NYLOCK
 - (4) 43C175HCS8Y BOLT, 7/16-14 X 1 3/4 HCS GR-8 ZINC YELLOW
 - (4) 43NLOCZ_DOM WASHER, LOCK, 7/16 SPLIT DOMESTIC, ZINC YELLOW
 - (2) HW4001 CAPS, DUST, 45.2MM /1 25/
- D) (2) HWA2 BEARING, OUTER
- E) (2) HWA6 BEARING, INNER
- F) (2) HW6815 SEAL, ROTOR, SEAL
- G) (2) BRCA1522 BRACKET, CALIPER MUSTANG 64 1/2 -73
- H) (1) BR1502L BRACKET, LEFT, 64-66 MUSTANG 4-PISTON
- I) (1) BR1502R BRACKET, RIGHT, 64-66 MUSTANG 4-PISTON
- J) (2) HW618029 WASHER, SPINDLE FORD MUSTANG LARGE
- K) (2) HW615074 NUT, SPINDLE
- L) (2) HW615075 RETAINER, SPINDLE NUT
- M) (4) BU1702-2 BUSHING STEEL O.D. .750 X .436 TH. .245
- N) (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
- O) (4) RDP4203 PIN, CALIPER, LONG
- P) (4) RDP4209 BUSHING, LONG
- Q) (2) HWA12 BEARING, OUTER ← (NOT SHOWN)
- R) (2) HWA13 BEARING, INNER ← (NOT SHOWN)

**(CONTINUED
ON PAGE 2)**

DB1509P
CONTINUED



PARTS LIST (CONT.)

- S) (1) BM1510 BOOSTER, M/C 64-69 FAIRLANE/ TORINO ←————→ (SEE BM1510 PARTS LIST)
- T) (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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