



## 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)**

# PA1507KPO 1949-1951 MERCURY INSTALLATION INSTRUCTIONS

## INCLUDED COMPONENTS:

1. 7" Power booster.
2. Dual outlet master cylinder.
3. Booster mounting plate.
4. Pedal pivot with hardware.
5. Bleeder kit.

## Installation Instructions

1. Remove original master cylinder and linkage. Measure 3" to rear and mark frame side rail directly behind and at same height as pedal pivot. Center pivot bracket on mark and check clearance to floor. Lower mark if needed. Drill 1/2" hole.
2. Bolt linkage pivot stud to rail (See Figure A). Install linkage pivot bracket onto stud with longest side of bushing toward frame rail.
3. Install master cylinder/ booster mount plate between outer side frame rail and X-member, with tabs facing to rear. Upper outer tab may use existing hole in some frames. Lower inner tab rests on lower X-member lip. Square into frame and clamp into place. Drill through tabs into frame and install bolts. May remove trans X-member for access to upper bolt through X-member (See Figure B).
4. Install upper linkage rod to pedal arm (drill pedal hole out to 3/8") and to linkage pivot bracket with rod ends on frame side. Mark frame hole for enlargement and cut out for lower linkage clearance as shown (See Figure A).
5. **MASTER CYLINDER ONLY:** Screw pushrod into linkage end, bolt cylinder to plate. Adjust linkage to allow pedal arm to fit within 1/8" of toe/floor board.  
**BOOSTER/ MASTER CYLINDER COMBO:** Screw booster linkage to pedal linkage rod and bolt booster and cylinder to mounting plate. Adjust linkage as stated for cylinder above.

## TECH TIPS:

**TIGHTEN ALL BOLTS PROPERLY, USING LOCK NUTS, ETC. USE JAM NUTS ON ALL LINKAGE ROD ENDS AND COUPLERS.** Grease pedal pivot. Run lines and bleed brakes properly (large bowl for disc, small for drums). We use DOT 4 fluid for longer lasting systems. Hook up engine vacuum to booster using DOT approved brake vacuum hose to check valve. Cut opening in floor for cylinder access or fill from under car. **ADJUST LINKAGE RODS SO PEDAL ALMOST TOUCHES FLOOR/TOE BOARD AT UPPER AREA FOR BUILT IN PEDAL STOP.** Combination valve # VL3350 should be used in system with disc front brakes.

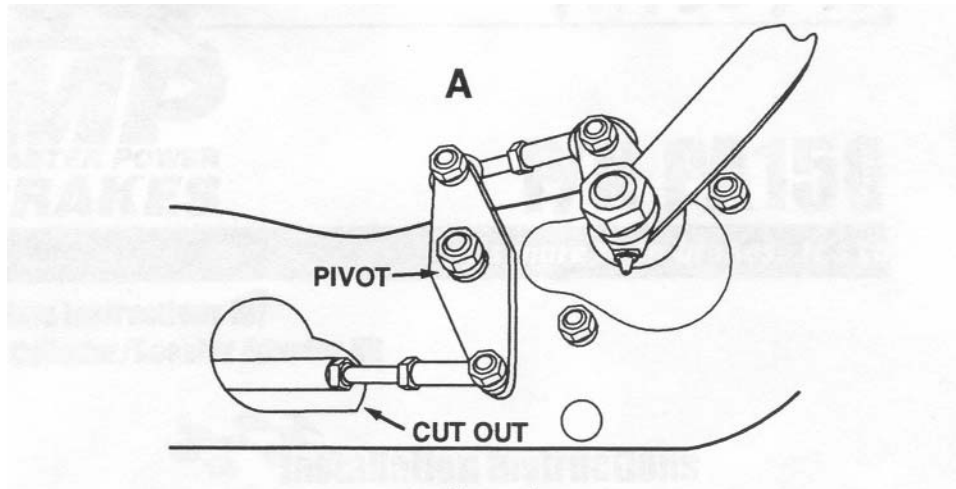


Figure A

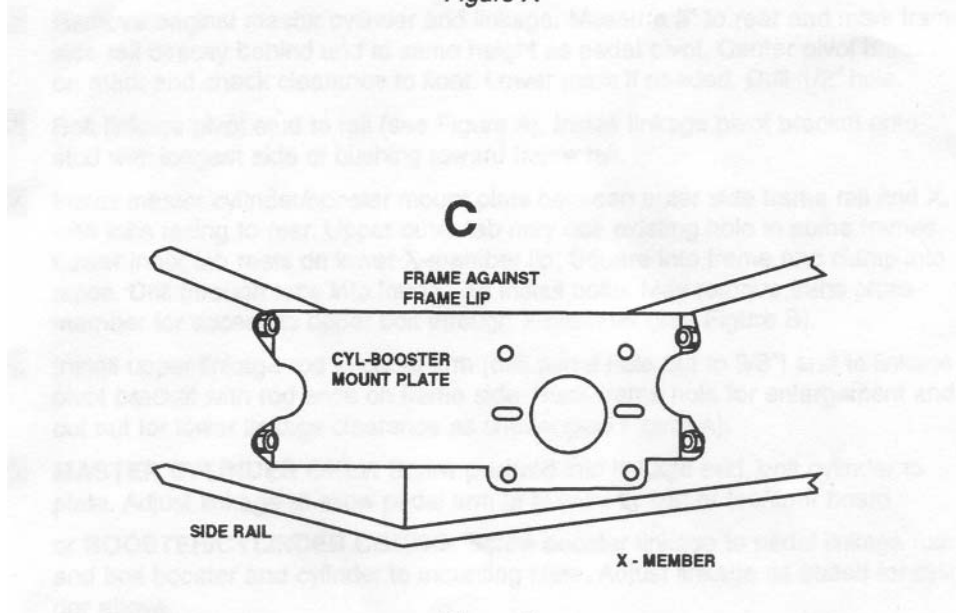
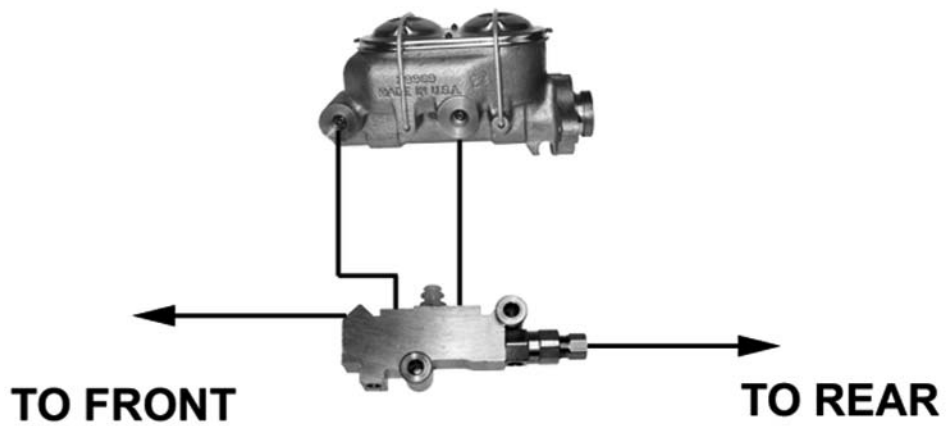
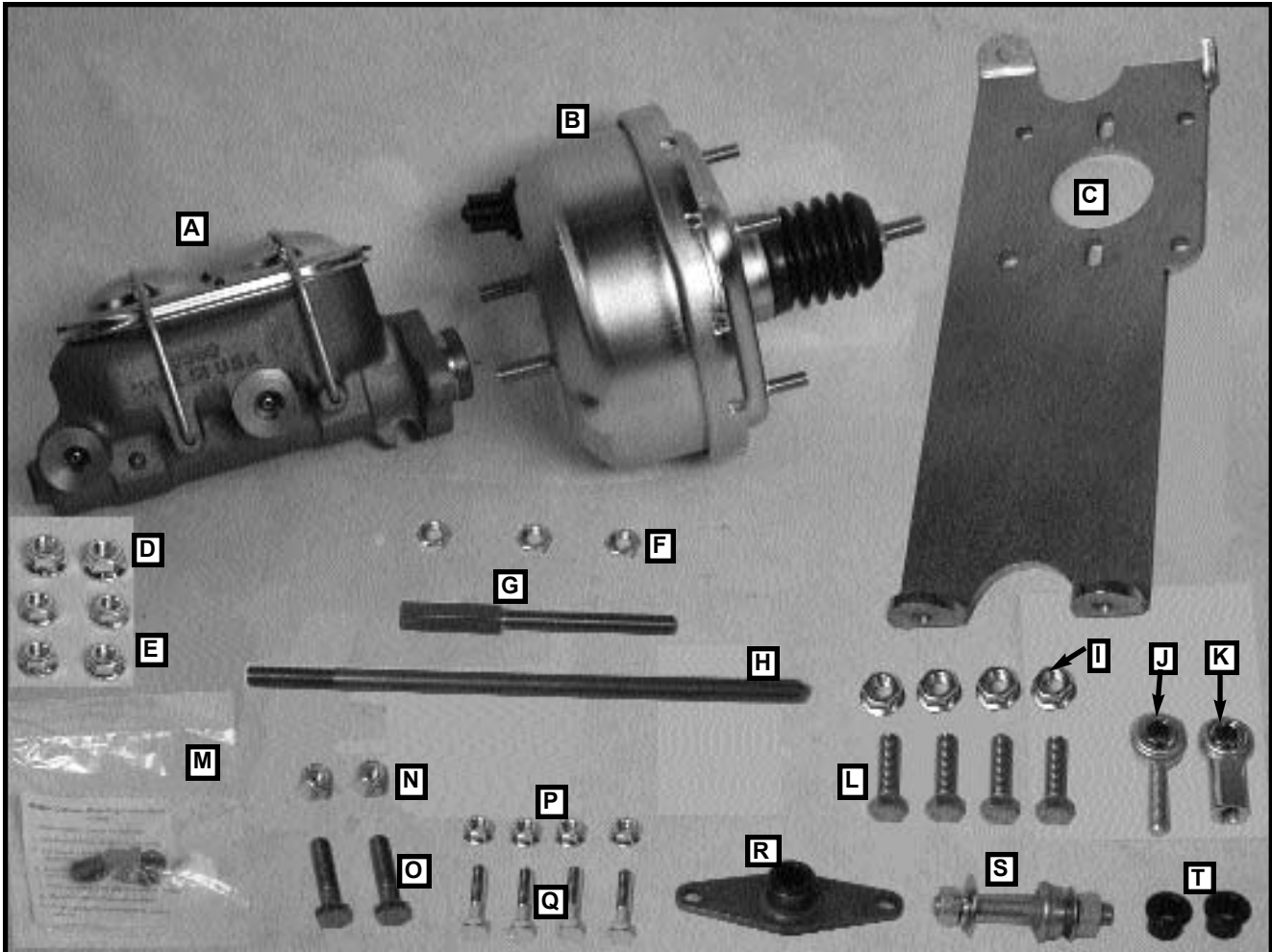


Figure B



**NOTE: Remote fill master cylinders and remote reservoirs available in plastic or aluminum at extra cost.**

# PA1507KPO 1949-1951 MERCURY PARTS LIST



## PARTS LIST

Revised 12/15/03

- A) (1) MC390545P MASTER, 1-1/8 BORE 4WD CORVETTE STYLE MASTER
- B) (1) BS1001 BOOSTER, 7"
- C) (1) PA1507 MOUNTING BRACKET
- D) (2) 100CNWFZ NUT, M10, SERRATED FLANGE
- E) (4) 80CNWFZ NUT, M8-1.25, HEX FLANGE
- F) (3) 37FNFJOZ NUT, 3/8-24 HEX FINISH J-NUT ZINC
- G) (1) PRBL3 PUSH ROD 3" FOR BOOSTER
- H) (1) PR4721 ROD, 9-3/8 X 3/8-24 THREAD END
- I) (4) 37CNWFZ NUT, 3/8-16 WHIZ FLANGE ZINC
- J) (1) HW4035 ROD END, MALE 3/8-24
- K) (1) HW4034 ROD END, FEMALE 3/8-24
- L) (4) 37C125HCS8Y 3/8-16 X 1 1/4 HCS, GR-8, ZINC
- M) (1) AC2002 BLEEDER KIT, USED IN DUAL MASTER CYLINDER APPL.
- N) (2) 37FNNEZ NUT, 3/8-24 NYLOCK
- O) (2) 37F150HCS8Y BOLT, 3/8-24 X 1 1/2 HCS GR-8 YELLOW ZINC
- P) (4) 31CNWFZ 5/16-18 WHIZ FLANGE NUT
- Q) (4) 31C150HCS5Z BOLT, 5/16-18 X 1 1/2 HCSGR-5 ZINC
- R) (1) PA1507 PIVOT
- S) (1) HW705-001 SHOCK STUD, USED ON PA1507
- T) (2) BU1507 BUSHING FOR PA1507

**MASTER POWER BRAKES 888-533-1199**