



## 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)**

# PA1505 42-48 FORD POWER BRAKE PEDAL ASSEMBLY INSTALLATION INSTRUCTIONS

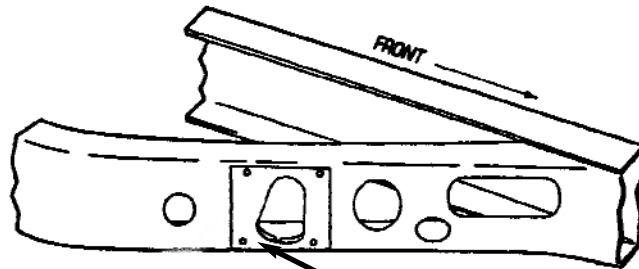
Mounting the 42-48 Ford power brake pedal assembly requires some minor cutting and redrilling. Using the template provided and the instructions below, the pedal assembly should be easily installed.

## STEP 1.

First, cut out the template on page 3 with a razor knife.

## STEP 2.

Line up holes in the paper template with the holes in the frame. Top of template should be parallel with top of X-member. Mark and cut out excess metal that is not covered by template.(As shown in figure 1)



Notice template is parallel with top of the X-member.

FIGURE 1

## STEP 3.

Once you are done cutting and drilling the frame, mount the pedal assembly to the frame. Then bolt the booster to the pedal assembly and secure with the 4 supplied nuts. (As shown in figure 2)

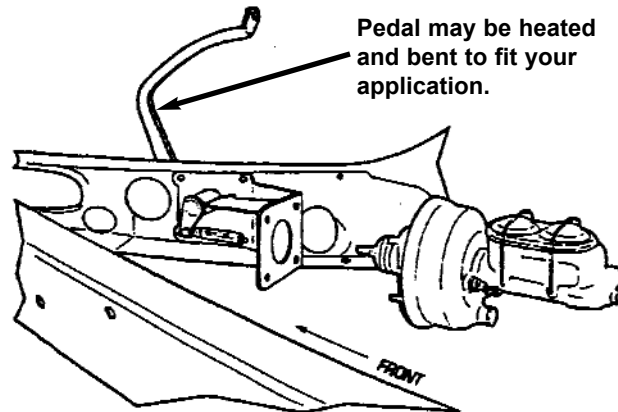


FIGURE 2

#### **STEP 4.**

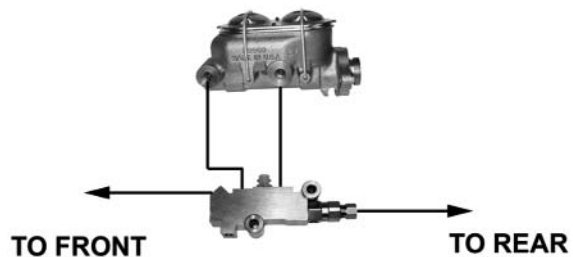
Now supply the booster with 18" vacuum from either the intake manifold or the back of the carburetor. Be sure to use vacuum hose or hard tubing for the vacuum. (Non collapsable)

#### **STEP 5.**

Bench bleed the master cylinder to remove all air.

#### **STEP 6.**

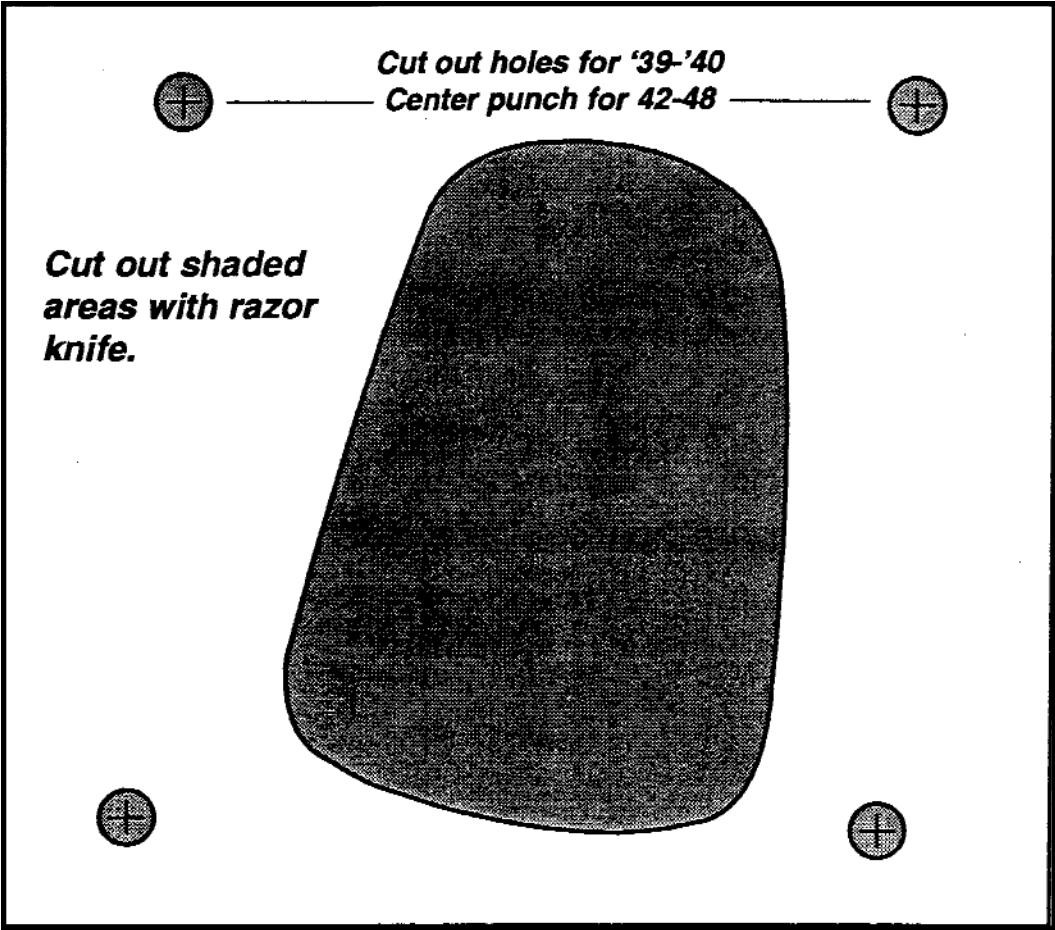
Mount the master to the booster and attach the lines as necessary. (NOTE: If you have disc brakes you will require a combination valve to balance the system.)



This is the recommended set up for an under floor disc/drum braking system. This system uses a VL3350 combination valve and a VL3702 (2lb) residual valve to the front.

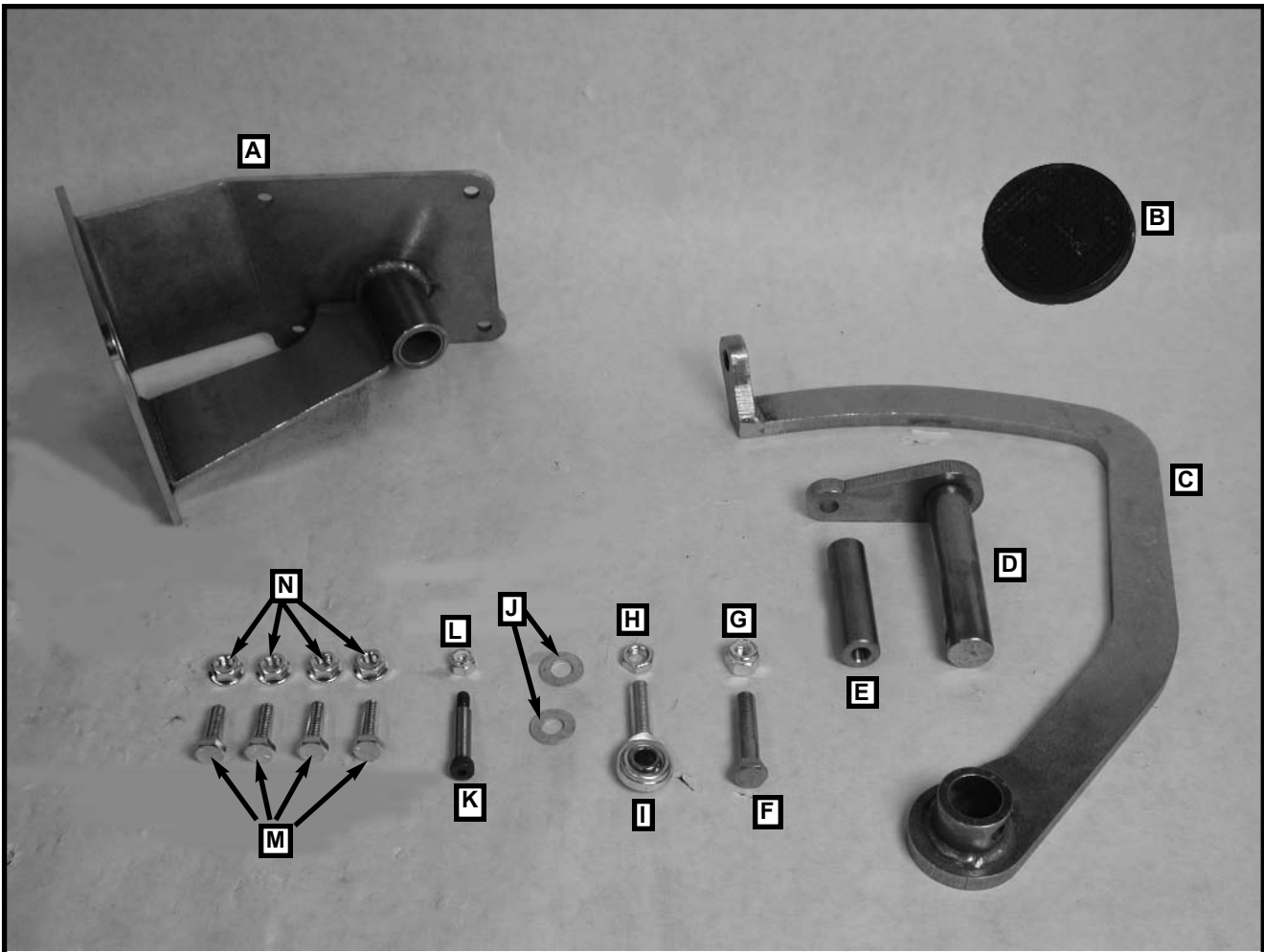
#### **STEP 7.**

Bleed the entire system. Test the brakes in a safe area before driving the vehicle. If the pedal is spongy re-bleed the system.



# PA1505 PEDAL ASSEMBLY PARTS LIST

## 1941-1948 FORD



### PARTS LIST

- A) (1) PA1505 PEDAL BRACKET
- B) (1) HW15093 PEDAL PAD
- C) (1) PA1505 PEDAL ARM
- D) (1) PA1505 PEDAL ARM PIVOT
- E) (1) PR1306 PUSH ROD 2-3/4 LENGTH
- F) (1) 37F175HCS8Y 3/8-24 X 1 3/4" HEX CAP
- G) (1) 37FNNEZ NUT, 3/8-24 NYLOCK
- H) (1) 37FNFJOZ NUT, 3/8-24 HEX FINISH J-NUT ZINC
- I) (1) HW4035 ROD END, MALE 3/8 X 24
- J) (2) 37NSAEFWZ WASHER, 3/8, FLAT, ZINC GR-5
- K) (1) 31C125SB 5/16 X 1-1/4 SHOULDER BOLT
- L) (1) 25CNNEZ 1/4 COURSE NYLOCK NUT
- M) (4) 31C100HCS5Z BOLT, 3/8 X 16 X 1"
- N) (4) 31CNWFZ 5/16-18 WHIZ FLANGE NUT

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