



## **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)**

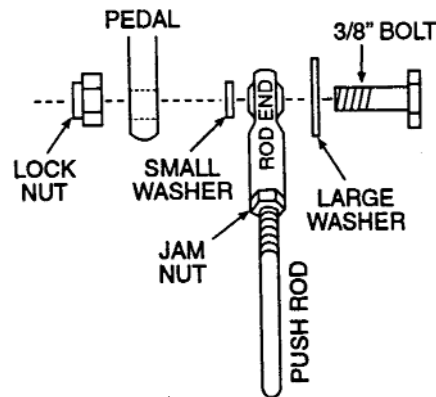


# PA1303KPMO 35-38 DODGE PLYMOUTH INSTALLATION INSTRUCTIONS

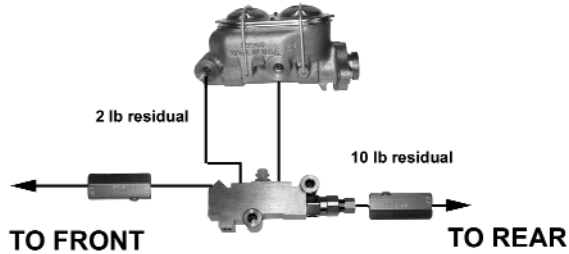


## INSTALLATION

1. Position the pedal arm and mounting assembly onto the X- member as shown on the next page. The measurements shown are **APPROXIMATE**. You may move it forward or rearward to best suit your application. Mark the center of the pedal pivot onto the frame. Using the enclosed pattern mark the frame and cut out the hole as needed for the pedal linkage. Clamp and mount into place.
2. Check the pedal arm for good clearance through full travel (at steering column, bell housing, shift linkage etc.). You may heat and bend the pedal arm sideways as needed for more clearance. Check the floor clearance to the cylinder and booster. Drill mounting holes and bolt assembly into place.
3. Connect linkage rod to pedal arm as shown. Run linkage rod through hole on X member toward rear. If not using booster install master cylinder directly onto assembly.



4. If using booster slide the booster mounting plate between the frame rail and X member. Center the linkage rod to the center hole in the plate, mark and drill 4 mounting holes and bolt in. this booster mounting plate sits on the lower lip of the X member.
5. Tighten all bolts using lock nuts. Use jam nuts on all linkage rods and couplers. Grease the pedal pivot. Bench bleed the master cylinder prior to installation and bleed the entire system when installed on vehicle. Use DOT 4 fluid.



8. It's recommended that you plumb your system as in the diagram above. For a disc/drum system we recommend the use of a 10 lb residual valve to the rear, a 2 lb to the front and a combination valve such as our VL3350.

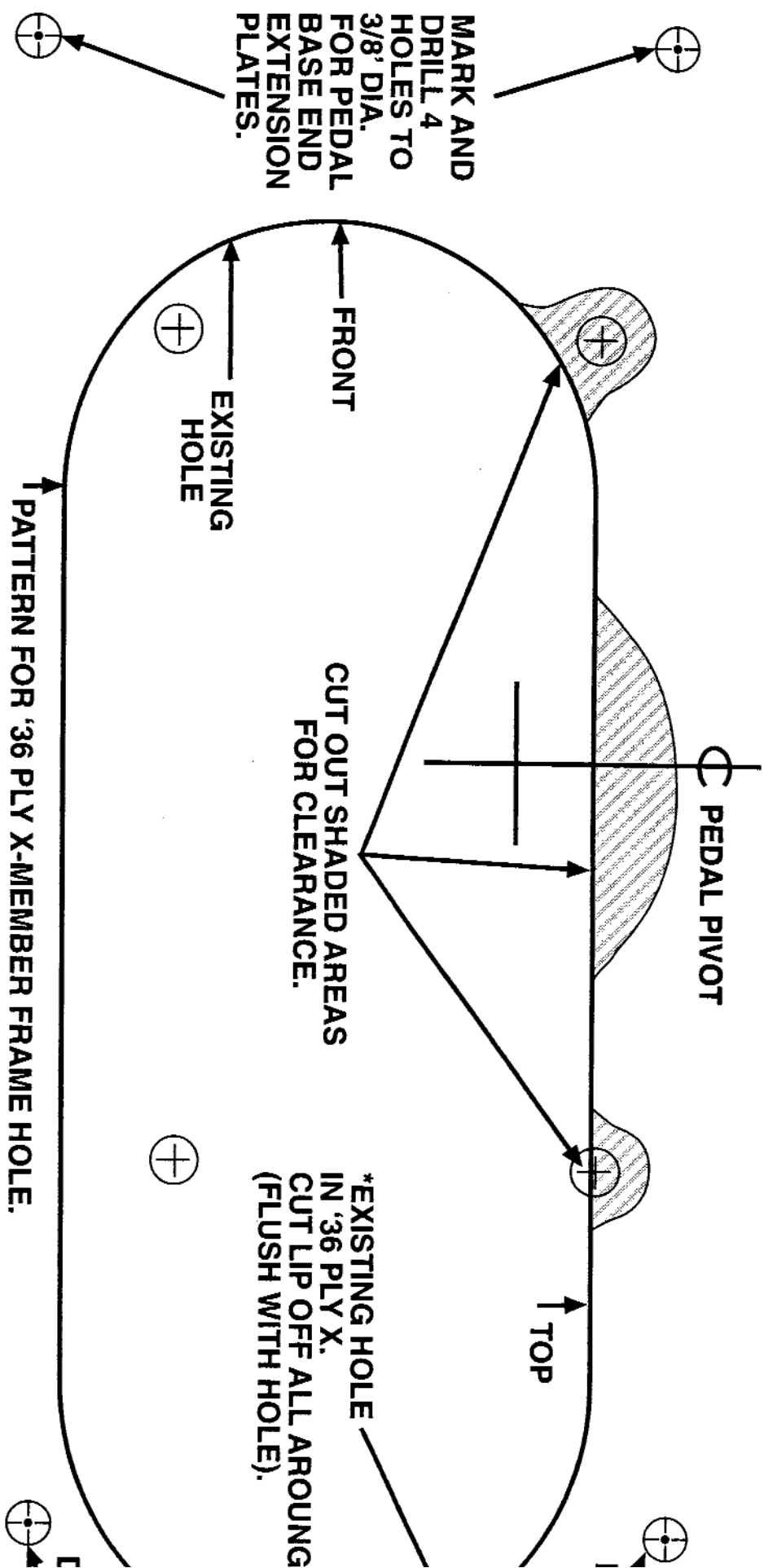
# Supplemental Pattern Sheet

for '36 Mopar Cars,  
X-Member Pattern  
Instructions for Bolt in  
Pedal/Cyl Mounting

**NOTE: SEE INSTRUCTIONS  
FOR PROPER MOUNTING.**

**'36 PLY & DODGE ONLY!!!**

*These specs taken from 'A  
'36 Ply car.*



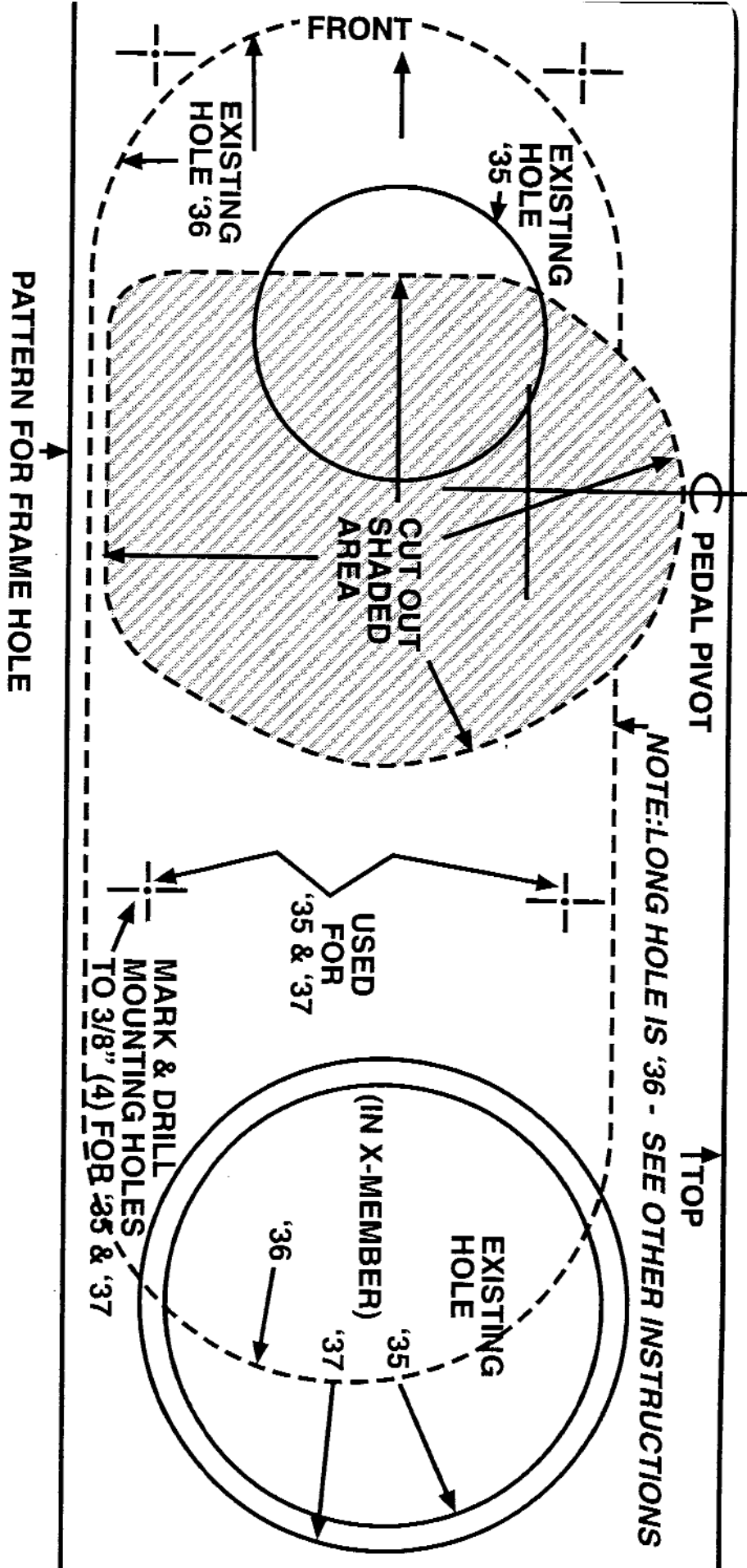
# Supplemental Pattern Sheet

for '35, '37, '38 Mopar Cars,  
X-Member Pattern  
Instructions for Bolt in  
Pedal/Cyl Mounting

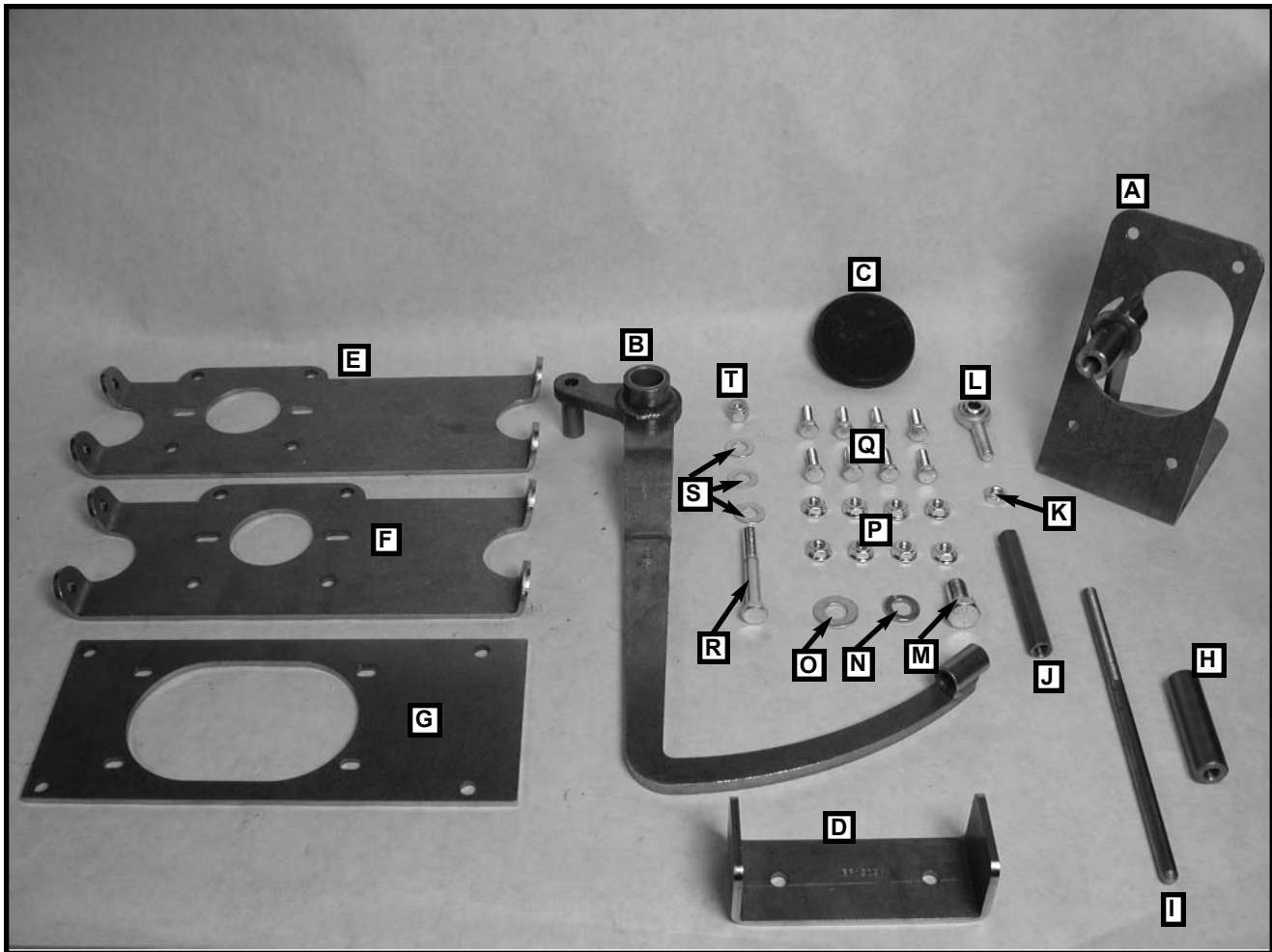
**NOTE: SEE INSTRUCTIONS  
FOR PROPER MOUNTING.**

**'36 CAR SEE OTHER INFO!**

*These specs taken from '35  
& '37 Ply cars and '38 will  
be similar.*



**PA1303 PEDAL ASSEMBLY PARTS LIST**  
**1935-1938**  
**DODGE/ PLYMOUTH/ DESOTO/ CHRYSLER**



**PARTS LIST**

- A) (1) PA1303 PEDAL BRACKET
- B) (1) PA1303 PEDAL ARM
- C) (1) HW15093 PEDAL PAD
- D) (1) BR1303A BRACKET, CHANNEL(FRAME) U-SHAPED TWO HOLES
- E) (1) BR1303B BRACKET, BOOSTER, FRAME MT BOOSTER PLATE
- F) (1) BR1303MOD BRACKET, FRAME MT BOOSTER PLATE, MOD
- G) (1) AD1303B BOOSTER PLATE
- H) (1) PR1306 RUSH ROD 2-3/4 LENGTH
- I) (1) PR4721 ROD, 9-3/8 X 3/8-24 THREAD END
- J) (1) PRBL4PUSH ROD 4" LENGTH BOTH ENDS 3/8 X 24 FM
- K) (1) 37FNFJOZ NUT, 3/8-24 HEX FINISH J-NUT ZINC
- L) (1) HW4035 ROD END, MALE 3/8 X 24
- M) (1) 50F100HCS5Z 1/2-20 X 1 GR-5 HCS ZINC
- N) (1) 50NLOC8Y WASHER, LOCK, 1/2 SPLIT YELLOW ZINC
- O) (1) 50NWSAIY FLAT WASHER, 1/2 SAE
- P) (8) 31CNWFZ 5/16-18 WHIZ FLANGE NUT
- Q) (8) 31C100HCS5Z BOLT, 3/8 X 16 X 1"
- R) (1) 37C300HCS8Y 3/8-24 X 3 GR-8 HCS ZINC
- S) (3) 37NSAEFWZ WASHER, 3/8, FLAT, ZINC, GR-5
- T) (1) 37CNNEZ NUT, 3/8-16 NYLOCK ZINC