



## 1964 -1966 Ford Mustang. Hydraulic Clutch Conversion Kit

- 1) Remove all of the existing factory mechanical clutch linkage components. (Clutch rod, bell crank or Z bar). See Figure 1.



Figure 1

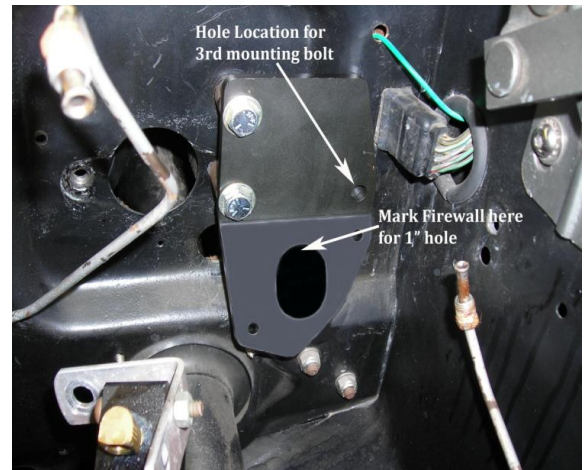


Figure 2

- 2) For ease of installation it is recommended you remove the brake master cylinder and booster assembly (if equipped). Carefully remove the brake lines from the master cylinder and mark them to be certain they are reinstalled into the correct ports. Brake lines may need to be rerouted if interference occurs. Only use proper steel brake lines when rerouting the brake lines.
- 3) If the vehicle has power brakes, you will need to use the two long spacers between the McLeod Master Cylinder mounting plate and the power brake bracket. If you do not have power brakes (no power brake booster), you will need to use one long and one short spacer between the McLeod master cylinder mounting plate and the brake master cylinder. This will space the master cylinder mounting plate even with the firewall on the driver side. Using the two supplied 3/8-16 x 2" bolts pass the bolts through the large upper holes in the mounting plate, spacers and brake master cylinder (or bracket) into the firewall. See Figure 2. Tighten these bolts snug at this time.
- 4) The hole located on the right side of the bracket just above the bend is the third mounting hole for this bracket. The bracket can serve as a drill guide to drill a 3/8" hole through the firewall for this third mounting fastener.
- 5) Mark the firewall at the top center of the large oval hole in the mounting bracket. See Figure 2. Remove the mounting plate to gain access, using a hole saw drill a 1" diameter hole in the firewall to allow the push rod for the McLeod master cylinder to pass through the firewall. See Figure 3.
- 6) Assemble the McLeod master cylinder to the mounting plate with supplied button head silver screws and lock washers. Tighten screws securely. Re-install the factory brake master cylinder to the firewall. Install the mounting plate/McLeod master cylinder assembly, passing the pushrod through the firewall. Attach the mounting plate with appropriate spacers and fasteners to the firewall. The third mounting location uses a 3/8-16 x 1" bolt, lock washer and nut. Tighten all three fasteners securely.



Figure 3

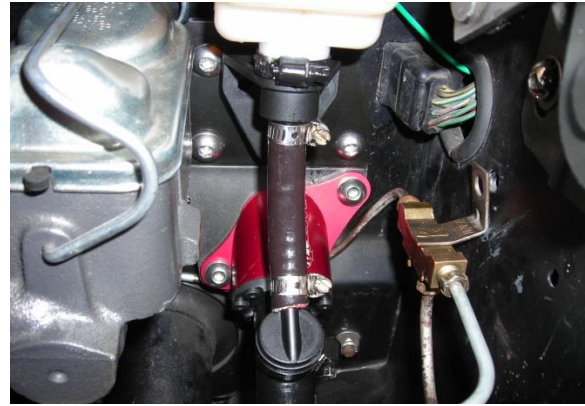


Figure 4

- 7) Install the pedal bracket, with the stud at the top, to the pedal under the dash. See Figure 5. Thread the rod end on the end of the push rod then attach over the stud with the lock washer and nut. Remove the heavy pedal return spring from the pedal if present. Swing the pedal through its range of motion to be certain there is no interference with any component including wires and or hoses.
- 8) Mount the master cylinder reservoir to the mounting plate with the supplied button head screws. Connect the reservoir to the master cylinder with the red hose. Secure the reservoir and hose with supplied clamps.. See Figure 4



Fig 5



Fig 6

- 9) Connect the McLeod master cylinder to the slave cylinder with the supplied AN4 line. Fill the master cylinder with Dot 3 or 4 brake fluid (Do not use DOT 5 or Silicone Base brake fluid!) and bleed system completely.
- 10) Adjustments to the pedal height can be made at the rod end attached to the clutch pedal bracket.. Be certain to tighten the rod end jam nut when adjustment is complete.
- 11) . Re-install the brake lines to the brake master cylinder and pump the brake pedal 5-6 times fast and release the pedal. Do this procedure several times until pedal is solid. This will rebound the air bubble back to the master cylinder. If this doesn't work for you, you'll need to bleed the complete brakes system.

## Limited Warranty

McLeod Racing LLC, products are warranted to be free from defects in material and workmanship for the period of ninety (90) days, from the date of purchase. McLeod does not warrant or make any representations concerning its products when not installed and/or used strictly in accordance with the manufacturer's instructions for such; installation and operation, and in accordance with good installation and maintenance practices of the automotive industry. Products purchased used do not carry a warranty. This warranty is to the original purchaser and is non-transferable.

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