



4783 Ruffner Street, San Diego, C.A. 92111

1965-1970 Mustangs and Cougars

Hydraulic Clutch Conversion Kit

Thank you for purchasing a JMC product. This hydraulic clutch kit was made to replace clutch cable and clutch rod type set-up. The advantages of having a hydraulic set up is that you will be able to tell when the kit needs a re-build, where as the clutch cable or rod will completely fail due to a busted cable or bent rod. If the kit is installed properly, we will gladly rebuild the master cylinder or slave cylinder. You mount the master cylinder in the same hole that the cable or rod goes through the fire wall.

All kits include the following:

1. Master cylinder and plate
2. Slave cylinder with push rod
3. Slave cylinder bracket
4. Remote reservoir
5. Steel braided line
6. Return spring.
7. All mounting hardware

1. Place vehicle on approved jack stands or automotive hoist.
2. Using firewall reinforcement plate, draw up a master cylinder mounting template.
3. Place template over firewall where the stock clutch rod goes through, and mark the two holes.

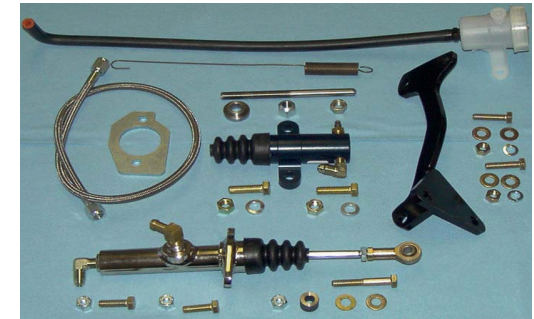
4. Drill the two mounting holes using 21/64 drill bit.
5. Mount master cylinder to firewall, placing the reinforcement plate on the inside of the firewall. Make sure that the fitting for the reservoir is in the 12 o'clock position and the fitting for the braided line is pointed in the 6 o'clock position.
6. Mount the reservoir to the firewall above the clutch master cylinder
7. Run hose to master cylinder making sure not to kink hose.
8. Mount slave cylinder bracket to slave cylinder.
9. Crack bleeder valve and pull piston in slave cylinder to outer edge of slave cylinder, making sure not to pull it out enough to see it from a side view.

S T O P

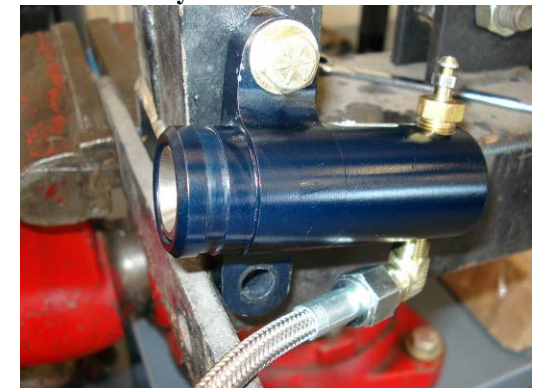
You are now ready to bleed the system.

1. With the bleeder valve cracked, pour brake fluid DOT 3 in the remote reservoir. Make sure during the whole process, the reservoir does not become empty.
2. Hold the slave cylinder in your hand making sure the bleeder valve is in the highest position. Make sure to tilt it to have it in the highest position.
3. Let the system gravity bleed by itself. You will see surges of brake fluid come out along with the air bubbles.
4. After about 2-3 full reservoirs, you should get a constant flow of brake fluid coming out of the slave. Close the bleeder valve and push the piston back into the slave.
5. Assemble the push rod and dust boot on the slave.

6. Mount the slave bracket to the transmission and hook up the return spring.
7. There is a spacer bushing provided with the kit that will properly align the clutch pedal with the pushrod of the master cylinder.
8. You must have the master cylinder mounted in the right position, or you will not have a smooth pedal and damage the master cylinder.
9. Inspect the clutch rod whole in the clutch pedal is round and not worn out of round.
10. Remove clutch pedal spring, you will not be using this spring with our kit.
11. Adjust pedal so that there is 1/8th of play in the pedal.



65-66 Hydraulic clutch kit shown



Slave cylinder before beginning bleeding.