



Performance Engineered Driveline Components

McLeod Master Cylinder Installation Instructions

1979-04 Ford Mustangs

This hydraulic clutch kit is designed to replace your stock cable style linkage in your Ford Mustang to provide better performance and durability. The kit features full adjustability with a light pedal effort to improve your driving experience. Be sure to read through these instructions before you begin the installation to familiarize yourself with the various parts you will be removing and installing. See Fig. 1.

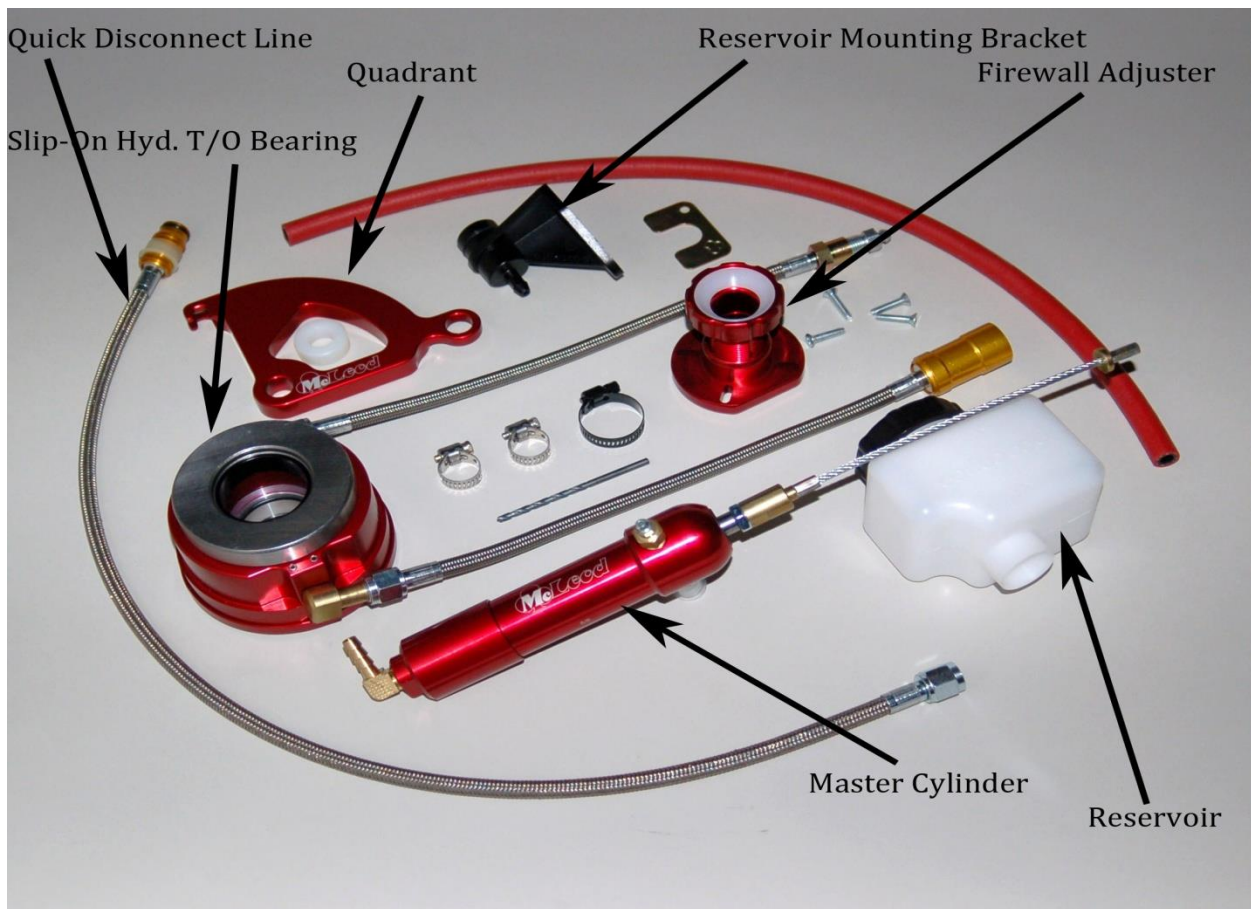


Figure 1

14-325 Kit Shown

Step 1) Underneath the dash on the driver side of the vehicle you will find the cable linkage quadrant. Disconnect the factory cable from this quadrant. Remove the quadrant by removing the pivot screw and nut. Install the McLeod quadrant from the kit along with the white nylon spacer and tighten the pivot nut and bolt. See Figure 2



Figure 2



Figure 3

Step 2) Disconnect the factory clutch release cable from the bell housing area and remove.

Step 3) Remove the factory clutch cable grommet from the firewall. Place the McLeod firewall adjuster base onto the firewall, with the flat edge against the body seam, and mark the mounting holes. Rotate the McLeod firewall adjuster to be certain the adjusting screw will be able to protrude into the factory clutch cable hole in the firewall. The adjuster will click every 90 degrees of rotation. Using the supplied drill bit, drill 3 or 4 holes through the firewall. Install the McLeod firewall adjuster into position and fasten with the supplied screws. Screw the adjuster all the way into the base. See Figure 3

Step 4) Be sure the lock nut on the bullet nose end of the McLeod master cylinder is tight against the cable adapter. Install the McLeod master cylinder assembly cable through the McLeod firewall adjuster and connect it under the dash to the McLeod quadrant. Fig 4

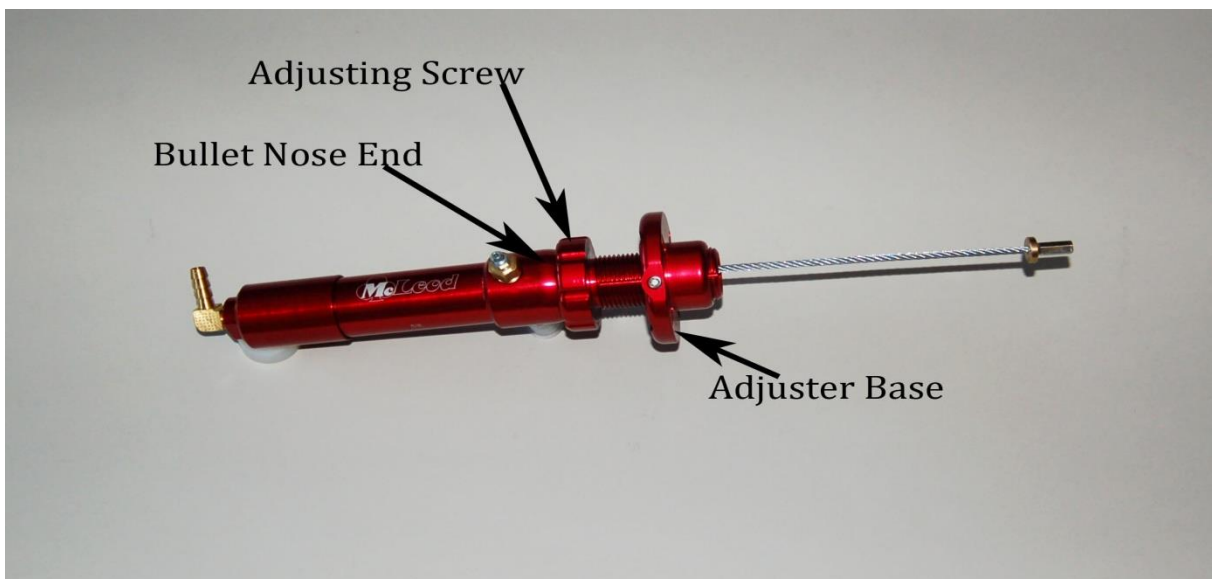


Figure 4

Step 5) Screw the McLeod firewall adjuster out until the bullet nose end of the master cylinder contacts the Teflon pivot in the center of the adjuster. Figure 5

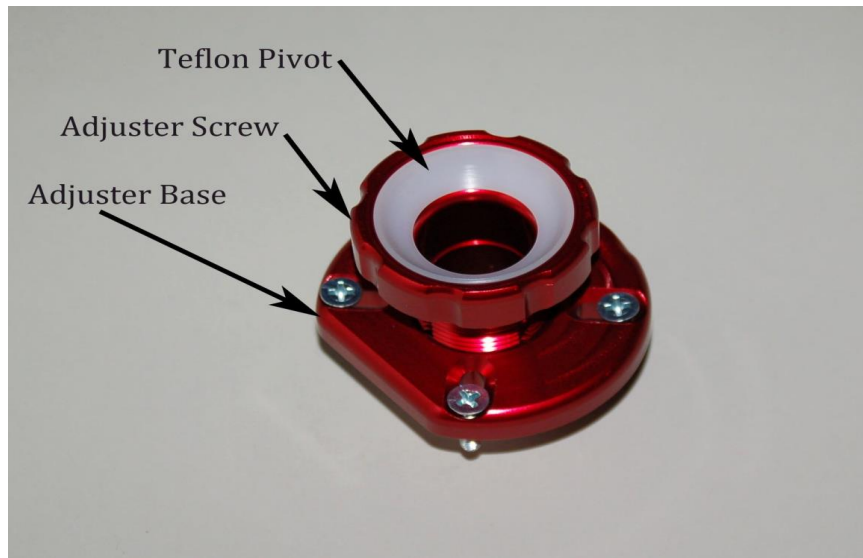


Figure 5

Step 6) Mount the supplied master cylinder fluid reservoir base to the shock tower or other suitable position. The reservoir must be above the master cylinder. Place the large hose clamp over the bottom of the reservoir. Press the reservoir onto the base and tighten the clamp. Place the two small hose clamps onto the red hose and route the red hose from the master cylinder to the reservoir. Tighten the supplied hose clamps. See Figure 6

Step 7) This step is for the kits that include a slave cylinder. Install the supplied slave cylinder onto the tab located on the bell housing. Attach the rod to the factory throw out fork. If your kit includes a hydraulic throw out bearing see enclosed instructions relating to the bearing installation. See Figure 7



Figure 6

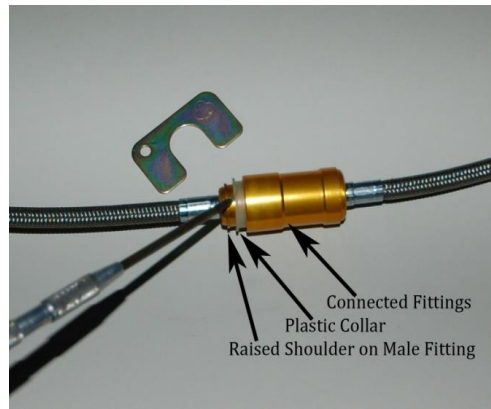
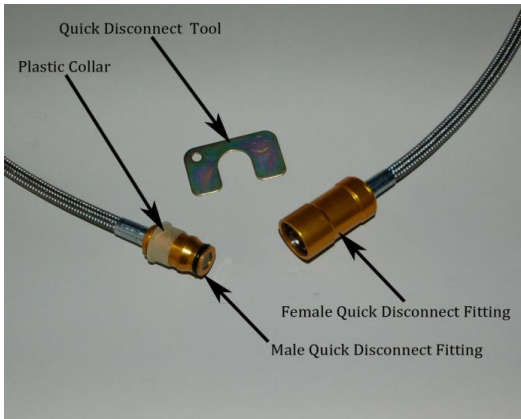


Figure 7

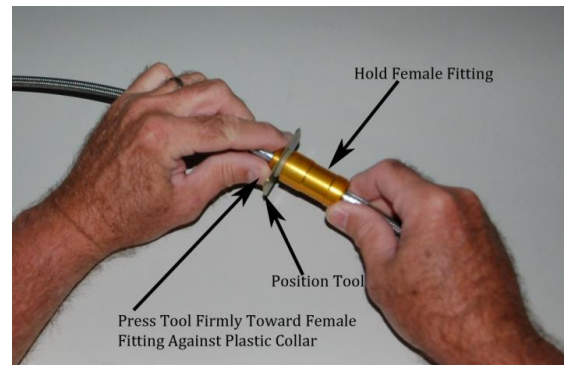
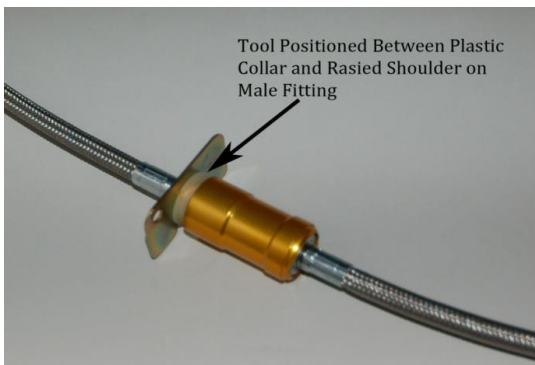
Step 8) Connect the AN4 steel braided line from the master cylinder to the slave cylinder. Your vehicle may be equipped with an Internal or external slave cylinder.

Step 9) Fill the reservoir with DOT 3 or 4 brake fluid (**Do not use DOT 5 Fluid**). Bleed the system of all air in the hydraulic lines. Refill the reservoir until it is between the MIN and MAX levels as noted on the reservoir. The McLeod firewall adjuster is for final adjustment of the clutch engagement.

The McLeod Quick Disconnect Fittings are easily assembled and disassembled by following these easy steps. Do not use pliers, vice grips or any other clamping tools. Use only the supplied Quick Disconnect Separation Tool and your fingers.



The above photos call out the key components including the male and female fittings, separation tool and plastic collar. Do not remove the plastic collar from the male fitting!



Assembly is easy, just press the two fittings together. Separation is just as easy, position the separation tool onto the male fitting between the plastic collar and the raised shoulder near the AN-4 hose. Press the separation tool towards the female fitting until the fittings separate. No fluid leakage will occur. If you do not have the separation tool handy, just press the plastic collar into the female fitting.

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.

McLeod Racing LLC will not be held liable for the labor charges and other intangible or consequent losses that might be claimed as a result of the failure of any part, nor shall it be liable for damages or injury to persons or property resulting from the misuse or improper installation of any part subject to this warranty.

No merchandise may be returned for any reason unless prior return merchandise authorization number (RMA) has been obtained from McLeod. An RMA number may be obtained via www.mcleodracing.com or by calling McLeod directly.

McLeod Racing LLC reserves the right to examine all parts returned for warranty claim to determine whether or not any such part has failed because of a defect in material or workmanship. McLeod's obligation under this warranty shall be limited to repairing, replacing or crediting, at its option, any part found to be defective. All products returned to McLeod for warranty inspection must be prepaid by the customer under this warranty.

In a racing environment, the type of stress placed on automotive parts can vary dramatically by the type of use, driving style, track preparation, differing tire style and other variables that are out of McLeod's control. For this reason, any parts used in a racing environment shall be void of any warranty either expressed or implied.

There are no other warranties, either expressed or implied including, but not limited to, warranty of merchantability, and warranty of fitness for a particular purpose which extend beyond those set forth in the preceding paragraphs. This warranty shall be interpreted and applied in accordance with California law.

For any changes or updated versions of the warrant described above, please refer to www.mcleodracing.com before installation of product.

10010