



Clutches - Flywheels - Discs - Components

1970 - 81 Chevrolet Camaro Hydraulic Clutch Conversion Kit

- 1) Remove all of the existing factory mechanical clutch linkage components. (Clutch rod, bell crank or Z bar) from under the dash and at the bell housing area.



Figure 1

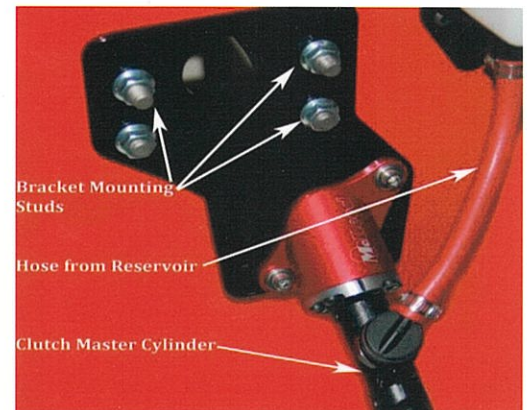


Figure 2

- 2) 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) Remove heavy pedal return spring if present. Disassemble the pedals from the pedal box. Note order of all parts (spacers, washers, nylon washers, pivot sleeve, etc) during disassembly. The pivot rod at the top of the box is secured with a bolt and nut. Remove the bolt and nut and slide the bolt out of the box.
- 4) The clutch pedal must be drilled to relocate the position of the push rod. Figure 3. Using the supplied plastic guide, place the guide on the left side of the pedal. Fig 4 Punch the pedal at the indicated location and drill a 3/8" hole through the pedal. Deburr the new hole, lube the components and reassemble the pedals to the upper pedal box securing with the bolt and nut removed in step 3.

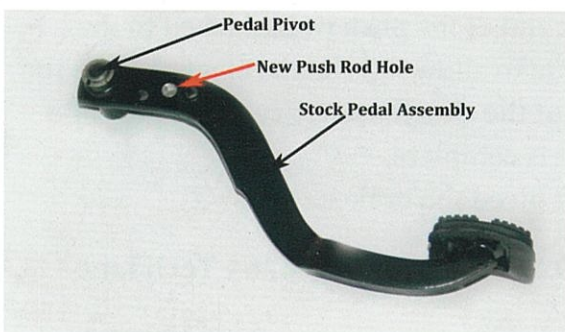


Figure 3

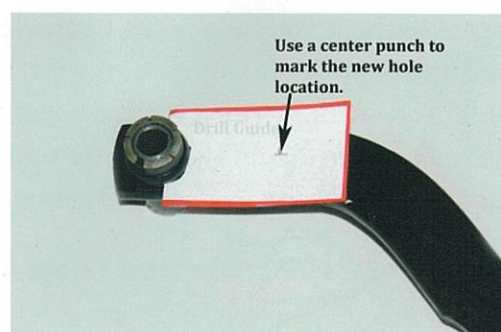


Figure 4

- 5) Both pedals should now be securely mounted and travel through their complete arc. Be sure to install the rubber pedal covers at this time. See Fig 3
- 6) Assemble the McLeod master cylinder to the mounting plate with supplied screws and lock washers. Tighten screws securely. Install the mounting plate/McLeod master cylinder assembly, passing the pushrod through the firewall. Re-install the factory brake master cylinder onto the mounting bracket. Install washers and nuts. Tighten all four fasteners securely.
- 7) Assemble the Clevis, attached to the push rod to the new pedal hole location with the supplied hardware. Do not reinstall the heavy pedal return spring to the pedal. Swing the pedal through its range of motion to be certain there is no interference with any component including wires and or hoses. See Figure 5.
- 8) Mount the master cylinder reservoir in a convenient location above the master cylinder using the supplied screws. Connect the reservoir to the master cylinder with the red hose. Secure the reservoir and hose with supplied clamps (3). See Figure 2



Figure 5

- 9) Fill the master cylinder reservoir with Dot 3 or 4 brake fluid (Do not use Silicone brake fluid / Dot 5, as it will contaminate the seals in the system). Before connecting the bottom of the AN4 line to the slave cylinder, insert the end of the line into the top of the reservoir or a container, then stroke the pedal a few times to bleed the upper system. When no more air bubbles appear, connect the McLeod master cylinder to the slave cylinder with the supplied AN4 line and bleed system completely.
- 10) Adjustments to the pedal height can be made at the Clevis end of the push rod attached to the Clutch pedal. The pedal must travel the full range of motion to allow full clutch release before the pedal contacts the floor. The push rod must not bottom out the clutch master cylinder ever. Be certain to tighten the Clevis end jam nut when adjustment is complete.
- 11) Re-install the brake lines to the brake master cylinder and bleed the brakes.

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