



1967- 69 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

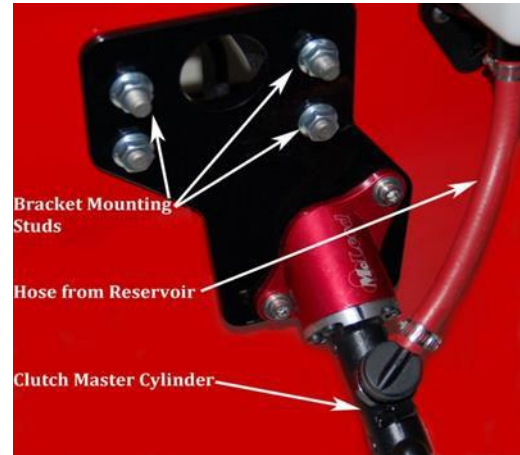


Figure 2

- 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) Disassemble the pedals from the pedal box. Note the order of all parts (spacers, washers, nylon bushings etc.) during disassembly. The pivot rod at the top of the box is secured with a spring clip **and is part of the clutch pedal**. Remove the clip and slide **the pedal /** pivot rod out of the box. Install the supplied McLeod pedal thru the nylon bushing then the brake pedal along with the above mentioned spacers and washers. Reinstall the spring clip. 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
- 4) 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. See Fig 2. The bracket assembly mounts over the studs on the firewall, then install the master cylinder assembly. Install washers and nuts. Tighten all four fasteners securely.
- 5) Assemble the rod end attached to the push rod to the new pedal with the supplied hardware in this order.....bolt, flat washer, rod end on the end of the push rod, spacer, pedal, flat washer, lock washer and nut. Tighten nut securely. 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...
- 6) Mount the master cylinder reservoir in a convenient location above the master cylinder. Connect the reservoir to the master cylinder with the red hose. Secure the reservoir and hose with supplied clamps.

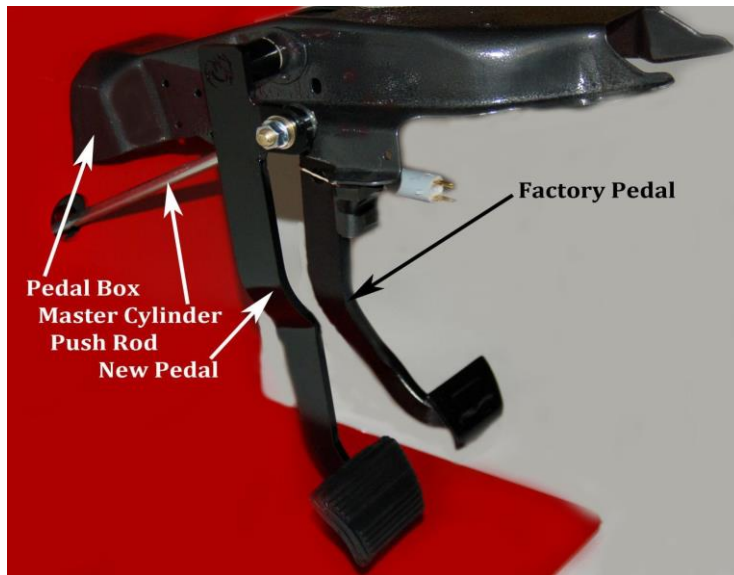


Figure 3

- 7) Fill the master cylinder reservoir with Dot 3 or 4 brake fluid (Do not use DOT 5 or Silicone base brake fluid!). Before connecting the bottom of the AN4 line to the slave cylinder stroke the pedal a few times to bleed the upper system. Connect the McLeod master cylinder to the slave cylinder with the supplied AN4 line and bleed system completely.
- 8) Clutch pedal Adjustments to the pedal height can be made at the rod end 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 piston must NOT bottom out into the clutch master cylinder before contacts the floor. Be certain to tighten the rod end jam nut when adjustment is complete. (Don't preload the Master Cylinder)
- 9) 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.

NOTE: On some cars, removal of brake lines may not be necessary to install firewall bracket. Just pull master cylinder forward

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