

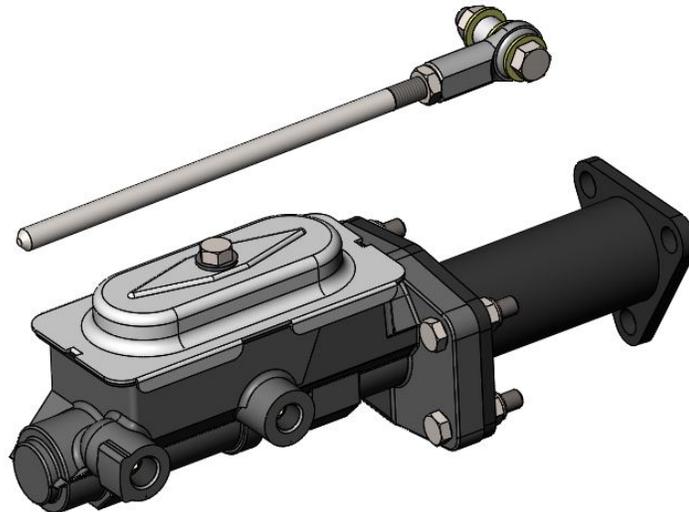


# Master Power Brakes

## Dual Reservoir Manual Master Cylinder Conversion Kit

53-62 Chevrolet Corvette

P/N: MC1781K



Thanks for your purchase of our Dual Reservoir Manual Master Cylinder Kit for the 1953 to 1962 Chevrolet Corvette applications. The installation of this kit will convert the car from a single bowl and line master cylinder to a much safer dual bowl and line system. This system will not require any modifications and uses basic hand tools to install.

Parts List	
Quantity	Description
1	Low-Profile Master Cylinder
1	Master Cylinder Adapter Tube
4	5/16"-18 x 1.500" Hex Head Bolt
4	5/16"-18 Nylon Lock Nut
1	Manual Pushrod Assembly
1	Syringe Bleeder Kit

### Installation:

1. Remove the clevis from the original brake pedal push rod by removing the cotter pin. Retain the clevis pin, return spring, and return spring bracket.
2. Unscrew the hydraulic brake line from the master cylinder.
3. Remove the three nuts that attach the master cylinder to the firewall. Once the nuts have been removed, slide the factory master cylinder free from the firewall. **NOTE:** Save the three nuts that were attaching the master cylinder, these will be reused in a later step.

4. Slide the new Master Cylinder Adapter Tube onto the 3 existing studs on the firewall. Reinstall the 3 nuts and torque them to OEM torque specs.
5. Mount the new Low-Profile Master Cylinder onto the Master Cylinder Adapter Tube using the supplied 5/16"-18 x 1.500" Hex Head Bolts and 5/16"-18 Nylon Lock Nuts. Torque to 15 lb-ft.
6. From inside the car insert the pushrod assembly. Make sure that the rod end is on the left side of the brake pedal. Insert the supplied Delrin bushing in the brake pedal and tighten the rod end to the pedal arm using the supplied hardware and torque to 25 lb-ft. Refer to Figure 1 below for reference.

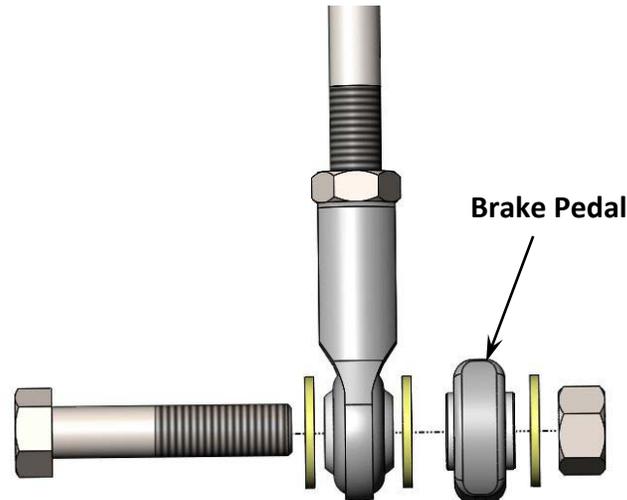


Figure 5 – Push Rod Attachment

7. Install the return spring. Make sure that the pedal has at least a 1/4" of free play with the pedal at rest.
8. Due to the change from a single bowl to a dual bowl, an additional brake line will be required. This will be supplied by the installer. Figure 2 below shows the proper front and rear port locations.

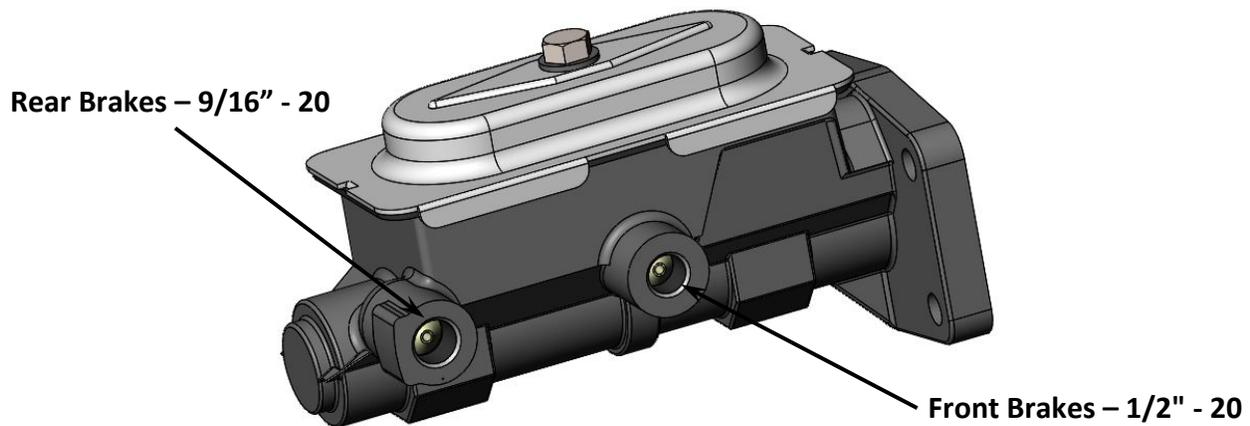


Figure 2 – Master Cylinder Port Diagram

9. Once the master cylinder has been properly bench bled and then installed on the vehicle, the remaining brake system can be bled to remove all of the air from the system. **REMEMBER:** Master Power Brakes requires the use of either DOT 3 or DOT 4 brake fluid and recommends the use of Pentosin Super Dot 4 fluid. Any warranty is void if DOT 5 fluid is used.
10. The installation is now complete.

If you have any questions or comments, please call Master Power Brakes at (888) 351-8781.