



ECKLER'S[®]
Quality Parts and Accessories for Corvettes

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1. Disconnect the brake line from the original Master Cylinder
2. Remove the three mounting bolts from the Master Cylinder and remove the Cylinder. Keep the bolts for further use.
3. Remove the original Master Cylinder Push Rod from the Brake Pedal.
4. Install the new Master Cylinder adapter to the fire wall using the three bolts from the original Master Cylinder.
5. Attach the new Master Cylinder and Proportioning Valve Bracket to the Adapter using the two 3/8 x 1 3/8" bolts, lock washers and flat washers as pictured.
6. Install the new Heim Joint onto the Push Rod and the Push Rod into the Master Cylinder and attach to the Brake Pedal Arm with the supplied 3/8 x 1 3/4" bolt, spacer, and Locking Nut W/ Nylon Insert.
7. Adjust the Push Rod to Master Cylinder so there is 1/16" free play in the Brake Pedal at the Push Rod. In some instances, the Push Rod may need to be shortened by trimming the threaded end.
8. Before installing the Proportioning Valve screw the long Rear Brake Line into the rear port of the Proportioning Valve and use the Valve as a holding tool to bend a 90 degree bend in the line as the Valve will be close to the Firewall when installed and a quick 90 degree bend will be required.
9. Loosely Install the Master Cylinder to Proportioning Valve Lines as pictured and the 5/16" Valve to Bracket Bolts and Nuts then tighten the Nuts and Line connections.
10. Remove the original Factory Brake Lines to the Front Brakes and the Connector to the Rear Brakes on the right Frame Rail.
11. Attach the Rear Brake Line with the previously made 90 Degree bend and route it to the Factory Rear Brake Line and connect with the supplied Union.
12. Attach the right and left Front Brake Lines to the Proportioning Valve and route them to the right and left front Brake Hose ends and connect. **BE SURE ALL LINES ARE CLEAR OF ANY MOVING ENGINE PARTS AND AWAY FROM DIRECT ENGINE HEAT!** It does not matter which Front Line connects to the two Ports on the Valve.
13. Add DOT 3 Brake Fluid ONLY and bleed system. Check for leaks.

