

1967 Corvette: Service News: Dual Main Cylinder Component Replacement

Subject: Dual Main Cylinder Component Replacement

Model and Year: 1967 Corvette

Source: Chevrolet Service News

Page Number: 2

Date: August 1967, Volume 39, Issue Number 9

The dual main cylinder used on 1967 passenger cars and light trucks is designed and built to satisfy individual brake system displacement requirements for each vehicle line. Therefore, it is necessary that correct parts be used when replacing either complete master cylinder assemblies or the component pistons of these assemblies.

There are two sources for dual main cylinders used on 1967 Chevrolet vehicles: Delco Moraine and Bendix. The Bendix unit can be readily identified by a "Secondary Piston Stop" bolt on the bottom of the casting. Delco Moraine main cylinders do not have this bolt [reference Figure 1, page 5-2 of the 1967 (Passenger Car) Chassis Service Manual].

The displacement capabilities of the particular cylinder are specified by the two letters which are stamped in the metal on the top of the closed end of the master cylinder barrel. Master Cylinders should only be replaced with another cylinder bearing the same two-letter identification.

The length of the secondary pistons in those master cylinders is a critical factor in the displacement capabilities of a particular master cylinder. These secondary pistons are coded, using rings or grooves in the shank or center section of the piston. Refer to the chart below for proper identification.

The primary pistons are of two types. One has a deep socket for the push rod

and the other a very shallow socket.

It is mandatory that replacement pistons be identical to the original piston. This can be verified by checking the identification marks on the secondary piston and the socket contour of the push rod end of the primary piston.

MODEL	SOURCE	BRAKE TYPE	MASTER CYLINDER CODE	SECONDARY PISTON IDENTIFICATION
Chevrolet	Delco Moraine	Manual-Drum Power-Drum	AT	2 Rings or Grooves
	Bendix	Power-Drum	AT	1 Ring or 2 Grooves
	Delco Moraine	Manual-Metallic	AR	1 Ring or Groove
All Passenger Cars except Chevrolet	Delco Moraine	Manual-Drum Power-Drum	BS	1 Ring or Groove
		Manual-Metallic	AU	2 Rings or Grooves
Corvette	Delco Moraine	Manual-Disc Power-Disc	DC	5 Rings or Grooves
		Power-Disc	PG	1 Ring or Groove
Chevrolet & Chevelle	Delco Moraine	Power-Disc	SA	2 Rings or Grooves
Camaro	Delco Moraine	Manual-Disc	AD	6 Rings or Grooves
		Power-Disc	WT	3 Rings or Grooves
Chevy II	Delco Moraine	Manual-Disc Power-Disc	AD	6 Rings or Grooves
Light Trucks	Delco	Manual-Drum	AB	4 Rings or Grooves
	Bendix	Power-Drum	AB	3 Rings
	Delco Moraine	Manual-Drum	NF	5 Rings or Grooves
	Bendix	Manual-Drum	NF	2 Grooves
		Power-Drum	NF	5 Rings

Online URL:

<https://www.corvetteactioncenter.com/tech/knowledgebase/article/1967-corvette-service-news-dual-main-cylinder-component-replacement-875.html>

