

METERING JETS

PART NUMBERING INFORMATION AND ORIFICE SIZES

The following information will assist you in identifying main metering jet numbers.

- The last two digits of the part number indicates the orifice size, that is the diameter of the orifice. These two numbers are stamped on the face of the jet. THE SMALLER THE NUMBER THE LEANER THE FLOW.
- There are three types or groups of main metering jets as shown below. These are necessary for accurate calibration of all Delco Rochester Carburetors.

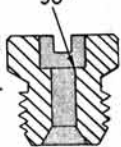
	Part Numbers
Group A	7002943 – 7002969
Group B	7002639 – 7002660, 7028554-7028559
Group C	7008660 – 7008688, 7028660-7028686

For example, it would be possible to have a jet from each of these groups with the number 60 stamped on the face of the jet.

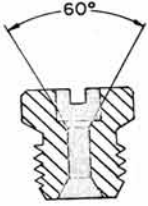
7002960
7002660
7008660

Replacement jet must be of the same major group as the original equipment jet to avoid changing the flow calibration of the unit. The group in which each jet belongs can be readily identified by visual examination of the approach angle. See illustration at top of each group.

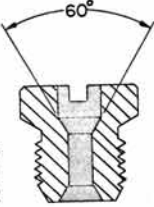
“GROUP A” METERING JETS 90° SQUARE APPROACH (ZINC PLATE)

Part Number	Number Stamped On Jet	Part Number	Number Stamped On Jet		Part Number	Number Stamped On Jet
7002943	43	7002952	52		7002960	60
7002945	45	7002953	53		7002961	61
7002946	46	7002954	54		7002963	63
7002947	47	7002955	55		7002964	64
7002948	48	7002956	56		7002965	65
7002949	49	7002957	57		7002966	66
7002950	50	7002958	58		7002967	67
7002951	51	7002959	59		7002969	69

“GROUP B” METERING JETS 60° APPROACH

Part Number	Number Stamped On Jet	Part Number	Number Stamped On Jet		Part Number	Number Stamped On Jet
7002639	39	7002647	47		7002655	55
7002640	40	7002648	48		7002656	56
7002641	41	7002649	49		7002657	57
7002642	42	7002650	50		7002658	58
7002643	43	7002651	51		7002659	59
7002644	44	7002652	52		7002660	60
7002645	45	7002653	53		7028554 *	54
7002646	46	7002654	54		7028559 *	59

“GROUP C” METERING JETS 60° APPROACH

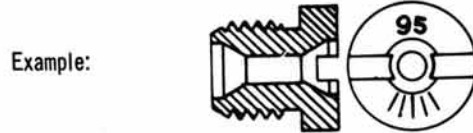
Part Number	Number Stamped On Jet	Part Number	Number Stamped On Jet		Part Number	Number Stamped On Jet
7008660	60	7008670	70		7008680	80
7008661	61	7008671	71		7008681	81
7008662	62	7008672	72		7008682	82
7008663	63	7008673	73		7008683	83
7008664	64	7008674	74		7008684	84
7008665	65	7008675	75		7008685	85
7008666	66	7008676	76		7008686	86
7008667	67	7008677	77		7008687	87
7008668	68	7008678	78		7008688	88
7008669	69	7008679	79			

* STAINLESS STEEL

MODELS M AND MV

MONOJET MAIN METERING JETS

The main metering jet used in the single bore Monojet differs from other models and should not be interchanged. It can be identified by 5 radial lines which are stamped opposite the identification number on the jet face.



The number stamped on the jet face indicates the orifice size. It can be two or three digits dependent upon the size of the orifice. The jet size can be determined by subtracting 100 from the last three digits of the part number.

	Stamped on Jet	Diameter of Orifice
Example: 7034195	95	.095"
7034220	120	.120"

The following series of main metering jets have been released for Monojet carburetors.

Part No.	Stamped on Jet	Part No.	Stamped on Jet	Part No.	Stamped on Jet
7034195	95	7034210	110	7034228	128
7034203	103	7034215	115	7034230	130
7034205	105	7034218	118	7034240	140
7034209	109	7034220	120		

MONOJET MAIN METERING RODS

The metering rod used in the Monojet carburetor can be identified as follows. A three digit number is stamped on the shank of the metering rod in the area shown. The number denotes the diameter of the rod at Point "A".



Stamped No.	Diameter "A"
060	.060"

The following main metering rods have been released for Monojet carburetors.

Part No.	Stamped on Jet	Part No.	Stamped on Jet	Part No.	Stamped on Jet
7035947	060	7035932	080	7035934	088
7035929	070	7035933	082	7035936	096
7035930	072	7036226	086	7035947	099
7035931	074				

Cont'd. on next page

MODELS 4MV AND 4MC

QUADRAJET MAIN METERING JETS

The primary main metering jets used in the Quadrajet carburetor differ from other models and should not be interchanged. They can be identified by two curved lines stamped opposite the identification number on the jet face. The identification number stamped on the jet face indicates the orifice size.



Part No.	Stamped on Jet	Diameter of Orifice
7031970	70	.070"

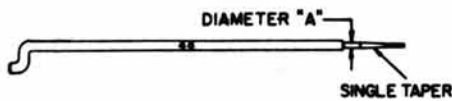
The following main metering jets have been released for Quadrajet carburetors.

Part No.	Stamped on Jet	Part No.	Stamped on Jet	Part No.	Stamped on Jet	Part No.	Stamped on Jet
7031964	64	7031968	68	7031971	71	7031974	74
7031966	66	7031969	69	7031972	72	7031975	75
7031967	67	7031970	70	7031973	73	7031976	76

QUADRAJET PRIMARY MAIN METERING RODS

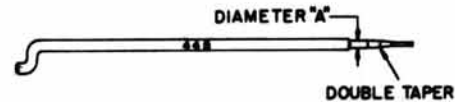
There are two types of primary main metering rods used in the different model Quadrajet carburetors. The 1965-67 models have a single taper at the metering tip. 1968 models use a rod which has a double taper at the metering tip. Both type rods use a similar two digit numbering system. The number indicates the diameter of the metering rod at point "A" and is the last two digits of the part number. The 1968 models with the double taper will have "B" stamped on the rod after the two digit number.

1965-67 Rods



1968 Rods

Example:



Part No.	Stamped No.	Diameter at "A"
7031844	44	.044"

Part No.	Stamped No.	Diameter at "A"
7034844	44B	.044"

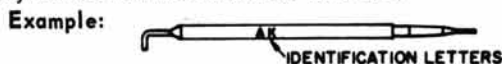
The following rods have been released for servicing 1965-67 models.

The following rods have been released for servicing 1968 models.

Part No.	Stamped	Part No.	Stamped	Part No.	Stamped	Part No.	Stamped
7031835	35	7031843	43	7034836	36B	7034845	45B
7031836	36	7031844	44	7034838	38B	7034846	46B
7031837	37	7031845	45	7034839	39B	7034847	47B
7031838	38	7031846	46	7034840	40B	7034848	48B
7031839	39	7031847	47	7034841	41B	7034849	49B
7031840	40	7031848	48	7034842	42B	7034850	50B
7031841	41	7031849	49	7034843	43B		
7031842	42	7031851	51	7034844	44B		

QUADRAJET SECONDARY METERING RODS

The secondary rods are identified with a two letter code.



Code Letter	Part No.	Code Letter	Part No.	Code Letter	Part No.	Code Letter	Part No.
AK	7033104	AU	7033655	AY	7033830	BF	7034400
AL	7033680	AV	7033182	AZ	7033889	BG	7034822
AN	7034320	AX	7033549	BD	7034365	BH	7035916
AT	7033658						