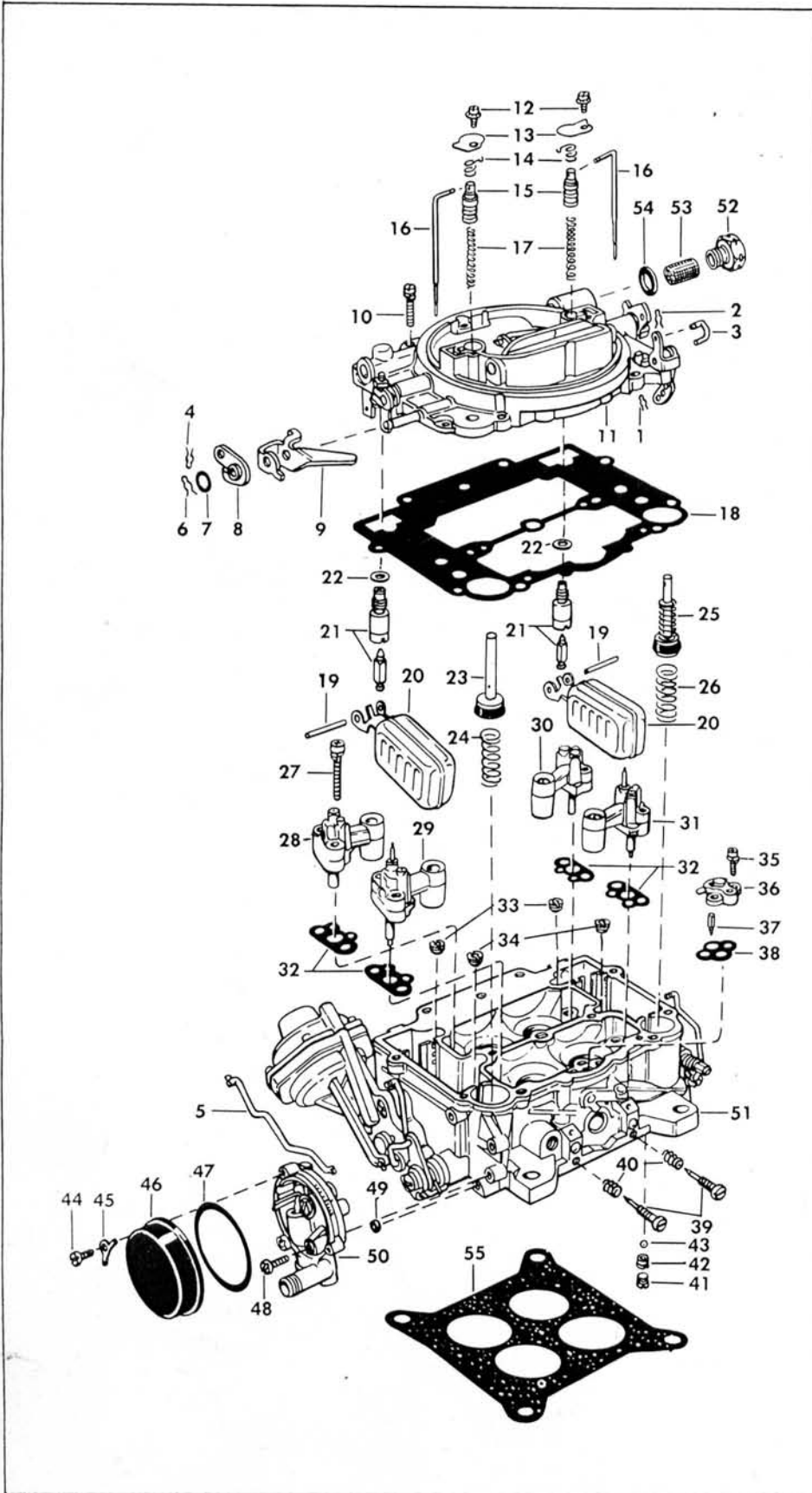


## GENERAL EXPLODED VIEW

THE GENERAL DESIGN AND PARTS SHOWN WILL VARY TO  
INDIVIDUAL UNITS COVERED ON THIS INSTRUCTION SHEET

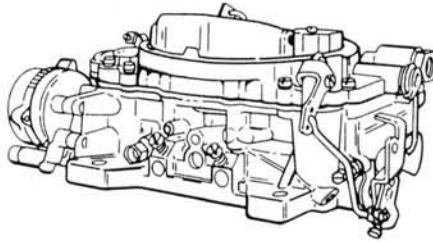


REF. NO.	NOMENCLATURE
1	Pin spring
2	Pin spring
3	Pump link
4	Pin spring
5	Choke connector rod
6	Pin spring
7	Dashpot lever washer
8	Outer-dashpot arm
9	Inner-dashpot arm
10	Screw and lock washer assy
11	Air horn assy
12	Screw and lock washer assys
13	Step-up piston covers
14	Step-up rod retaining springs
15	Vacuum pistons
16	Step-up rods
17	Vacuum piston springs
18	Air horn gasket
19	Float pin
20	Float assys
21	Needle and seat assys
22	Needle seat gaskets
23	Dashpot plunger assy
24	Dashpot plunger spring
25	Pump plunger assy
26	Pump return spring
27	Screw and lock washer assy
28	Secondary venturi assy - choke side
29	Primary venturi assy - choke side
30	Secondary venturi assy - pump side
31	Primary venturi assy - pump side
32	Venturi cluster gaskets
33	Secondary metering jets
34	Primary metering jets
35	Screw and lock washer assy
36	Pump jet housing
37	Pump discharge needle
38	Pump jet housing gasket
39	Idle adjusting screws
40	Idle adjusting screw springs
41	Pump intake passage plug
42	Pump intake ball seat
43	Pump intake ball
44	Screw
45	Coil housing retainer
46	Thermostatic coil and housing assy
47	Coil housing gasket
48	Screw
49	Choke piston housing assy
50	Choke piston housing gasket
51	Carburetor body assy
52	Fuel inlet fitting
53	Fuel inlet strainer
54	Fuel inlet fitting gasket
55	Flange gasket

# INSTRUCTION SHEET

## CARTER MODEL AFB CARBURETOR

50-370-1



### I. DISASSEMBLY.

a. Disassemble in the order of index numbers on the exploded view drawing on opposite side of sheet. Disassembly need not be carried further than parts exploded on the drawing unless additional parts require replacement.

b. Notice the holes from which linkage rods are removed so they can be returned to the same locations during reassembly.

### II. CLEANING.

NOTE: Do not soak leather, rubber or other parts of this nature in the cleaning solvent.

Soak parts long enough to soften and remove all foreign material. Use a regular carburetor cleaning solvent, lacquer thinner, or denatured alcohol. Use a small brush to aid cleaning, if necessary. Make certain the throttle body is free of all hard carbon deposits. Blow out all passages in castings with compressed air, and check carefully to insure thorough cleaning of obscure areas.

### III. REASSEMBLY.

Reassemble the carburetor using essentially the reverse order of disassembly. Refer to paragraph I b, when installing linkage rods.

## ADJUSTMENTS

### IV. FLOAT SETTING ADJUSTMENT. (See figure 1.)

With air horn held upside down; air horn gasket and floats in place, measure the distance between edges of floats and gasket surface at outer ends. Refer to Adjustment Data Table for proper gage. Adjust by carefully bending float bracket and make sure that floats are properly aligned to avoid interference in the bowl.

### V. FLOAT DROP ADJUSTMENT. (See figure 2.)

With air horn held upright and level, measure at location shown (gasket in place). Adjust to dimension listed in Adjustment Data Table by bending float stop tabs on float bracket.

### VI. PUMP ADJUSTMENT. (See figure 3.)

a. Back out throttle stop screw until primary throttle valves seat in bores. The distance from top of pump plunger rod to air horn should be as listed in Adjustment Data Table.

b. Insert rod in lever hole listed in Adjustment Data Table ("a", "b" or "c").

c. Adjust by bending pump rod at location shown in figure 3.

### VII. CHOKE PISTON LINKAGE ADJUSTMENT.

a. TYPE I (see figure 4). Hold choke valve closed and measure clearance between stop in choke piston housing and choke lever. This distance should be as listed in Adjustment Data Table. To adjust bend choke connector rod, which will be positioned at slightly different locations for some carburetors, or set lever on countershaft if lever has a clamp screw.

b. TYPE II. Keep fast idle cam from touching adjusting screw by blocking throttle approximately half open. With choke valve open place a .026 wire gage (made by bending a .026 diameter wire at a 90° angle 1/8-inch from end) between bottom of slot in piston and top of slot in choke piston cylinder. Holding the .026 wire gage in position, close choke valve until resistance is felt. The distance between top of choke valve and air horn should be the same as given in Adjustment Data Table. To adjust, bend choke connector rod.

c. TYPE III. Keep fast idle cam from touching the adjusting screw by holding throttle open. When holding the choke valve closed, the top of the choke piston should be flush with the top of the piston cylinder. To adjust, bend the choke connector rod.

### VIII. FAST IDLE LINKAGE ADJUSTMENT. (See figures 5 and 6.)

Methods of performing this adjustment vary between carburetors and car models. The first type of adjustment is made as follows:

a. Hold choke valve closed and fast idle cam against stop on carburetor housing. The clearance between the two levers on end of choke shaft should be as listed in Adjustment Data Table. (See figure 5.) To adjust, bend fast idle rod as shown.

b. The second method is different because of the index mark on fast idle cam. (See figure 6.) When the mark is present, adjust as follows: Hold choke lever closed and make sure that the two levers on end of choke shaft are in contact with each other. Hold parts in this manner and align end of fast idle screw with index mark on fast idle cam. To adjust, bend fast idle rod as shown.

### IX. FAST IDLE VALVE CLEARANCE. (See figure 7.)

Hold choke valve closed tightly and tighten fast idle adjusting screw until clearance between carburetor bore and edge of throttle valve is as specified in Adjustment Data Table.

### X. UNLOADER ADJUSTMENT. (See figure 5.)

Open primary throttle valves wide and check clearance between upper edge of choke valve and inner wall of air horn. This distance should be as listed in Adjustment Data Table. To adjust, bend the unloader lip, which can be seen in figure 5.

# INSTRUCTION SHEET

## CARTER MODEL AFB CARBURETOR

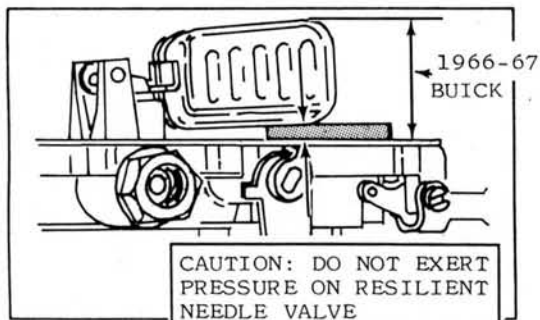
(CONT.)

### XI. AUTOMATIC CHOKE SETTING.

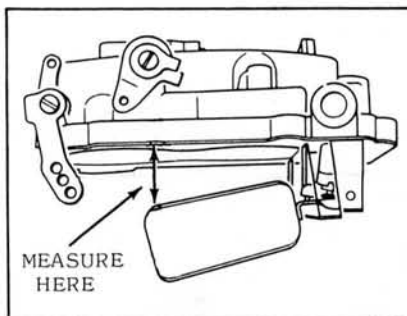
Set automatic choke so that choke valve will close with a light tension in air intake bore with unit at room temperature (70° F to 80° F).

### XII. IDLE ADJUSTMENT. (See figure 8.)

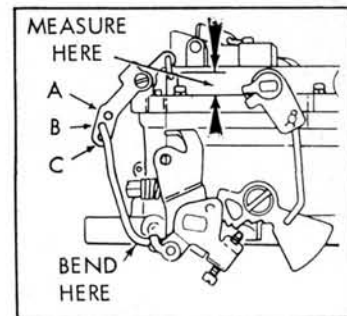
Adjust stop screw (1) to crack valve slightly. Start engine. Adjust mixture screw (2) until engine idles smoothly. Readjust stop screw (1) to idle engine at approximately 450 rpm; then readjust mixture screw (2). (Most high-performance engines idle at 500 rpm.)



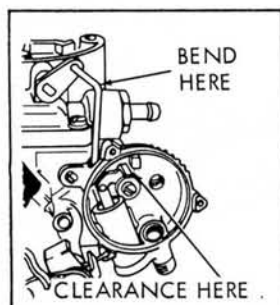
FLOAT LEVEL Fig.1



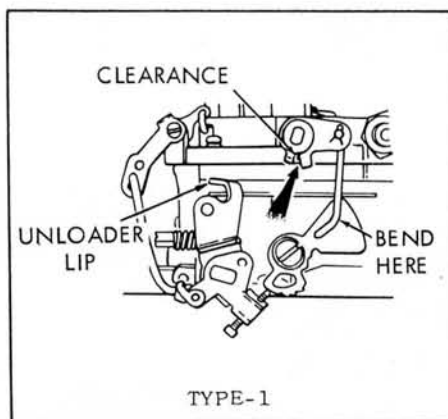
FLOAT DROP Fig.2



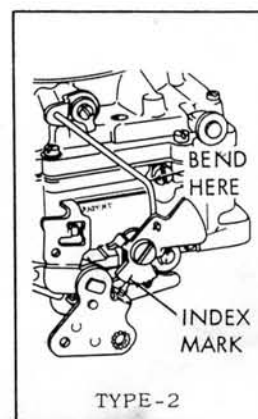
PUMP ADJ. Fig.3



CHOKE PISTON LINKAGE ADJ. Fig.4



FAST IDLE LINKAGE ADJ. Fig.5

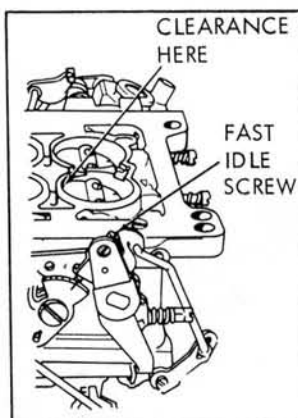


FAST IDLE LINKAGE ADJ. Fig.6

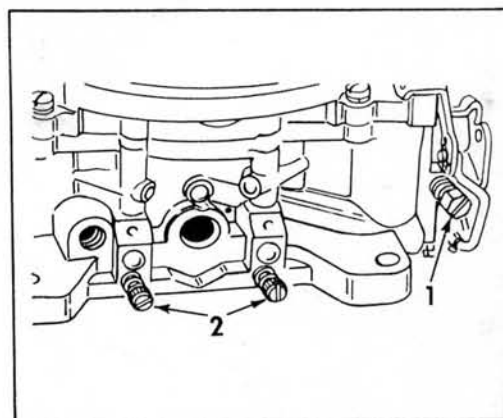
#### TYPE-3

FAST IDLE SCREW ON SECOND STEP AGAINST SHOULDER OF FIRST. HOLDING CHOKE VALVE TOWARD CLOSED POSITION, MEASURE DISTANCE BETWEEN UPPER EDGE OF CHOKE VALVE AND AIR HORN WALL. (SEE DATA TABLE FOR MEASUREMENT.)

#### FAST IDLE LINKAGE ADJ.



FAST IDLE ADJ. Fig.7



IDLE ADJ. Fig.8

## ADJUSTMENT DATA TABLE

Year	Make	Floot Level Pr., Sec.	Floot Drop	Pump Adj. Hole	Choke Piston Linkage Adj. Type Dimen.	Fast Idle Linkage Adj. Type Dimen.	Fast Idle Valve Dimen.	Automatic Choke Setting	Un- loader Dimen.	Sec. Throttle Lever Step 1	Throttle Adj. 2	Slow Idle S/T	R.P.M. A.T.	Fast Idle R.P.M. Note Ref.		
1967	American Mrs. 290"-343" Eng.	5 16"	3 4"	B	3/8"	2 1 8"	2	Index	018"	1-Rich	9/32"	-	-	600 600 N	2000 Note 3	
1968	American Mrs. 290"-343" Eng. A.G.P.	5 16"	3 4"	B	3/8"	2 3 32"	2	Index	018"	1-Rich	5/32"	-	-	600 600 N	1400 Note 2	
	390" Eng.	11 32"	23 32"	B	7/16"	2 7/64"	2	Index	020"	1-Rich	5/32"	1/64"	1/64"	650 550 Dr.	2000 Note 3	
	Carb No. 4467-4583-4622	11 32"	23 32"	B	13/32"	2 7/64"	2	Index	020"	2-Rich	7/16"	1/64"	1/64"	650 550 Dr.	2000 Note 3	
1967	Barroca 273" Eng. w/C.A.P.	7 32"	3 4"	B	7/16"	S/T 1 7/8" A/T 3 32"	3	5/64"	-	2-Rich	3/8"	-	-	600 600	625 Note 1	
	w/C.A.P.	5 16"	3 4"	B	7/16"	1 8"	3	5/64"	-	Index	1/4"	-	-	700 650 Dr.	1600 Note 2	
1957	Buick	7 32"	23 32"	-	33/64"	1 3/64"	1	010"	026"	Index	3/16"	1/64"	1/64"	500 500 N	1500	
1958-59	Buick	7 32"	23 32"	-	33/64"	1 010"	2	Index	020"	1-Rich	3/16"	1/64"	1/64"	475 475 N	1500	
1960	Buick	7 32"	23 32"	-	1 7/2"	3	Flush	2	Index	020"	2-Rich	7/32"	23/64"	1/64"	500 500 N	1500
1961-63	Buick 364" 401" & 425" Eng.	7 32"	23 32"	B	7/16"	2 3 32"	2	Index	030"	Index	7/32"	23/64"	1/64"	525 525 N	650 Note 1	
1964	Buick 400" 401" & 425" Eng.	1 4"	3 4"	B	7/16"	2 3 32"	2	Index	030"	Index	7/32"	23/64"	1/64"	500 500 Dr.	600 Note 1	
1961-65	Buick Front & Rear 425" Eng.	7 32"	23 32"	A	1 2"	2 3 32"	2	Index	030"	Index	7/32"	23/64"	1/64"	550 550 Dr.	650 Note 1	
1965	Buick 300" Eng.	3 16"	23 32"	B	7/16"	2 3 32"	2	Index	024"	1-Rich	1/8"	23/64"	1/64"	550 550 Dr.	600 Note 1	
1966	Buick All 340" Eng.	1 13 32"	3 4"	B	7/16"	2 3 32"	2	Index	-	Index	5/32"	-	-	550 550 Dr.	600 Note 1	
1966	Buick All 400" Eng.	1 15 32"	3 4"	A	1 2"	2 7/64"	2	Index	-	Index	7/32"	-	-	500 500 Dr.	600 Note 1	
	and S.T. A.I.R. 401" Eng.	1 15 32"	3 4"	A	1 2"	2 7/64"	2	Index	-	Index	7/32"	-	-	500 500 Dr.	600 Note 1	
1966	Buick 401" Eng.	1 13 32"	3 4"	B	7/16"	-	-	2	Index	-	1-Rich	5/32"	-	550 550 Dr.	600 Note 1	
1967	Buick 340" Eng. All T w/A.I.R. A/T	1 13 32"	3 4"	A	1 13 32"	-	-	2	Index	-	2-Rich	3/32"	-	600 600	600 Note 1	
1957-60	Cadillac	5 16"	23 32"	A	15 32"	1 040"	2	Index	023"	Index	9/32"	23 32"	1 64"	500 450 Dr.	1750	
1961-65	Cadillac	3 8"	15 16"	A	15 32"	3	Flush	2	Index	023"	1-Rich	5 16"	23 64"	1 64"	500 500	1700
1966	Cadillac	3 8"	15 16"	A	15 32"	3	Flush	2	Index	022	1-Rich	5 16"	23 64"	1 64"	500 500	1700 Note 3
1958-61	Chevrolet 348" Eng.	7 32"	23 32"	-	31 64"	1 010"	2	Index	015"	Index	1/4"	-	1 64"	600 550 Dr.	1700	
1961-65	Chevrolet 409" High Perf. Eng.	7 32"	23 32"	-	33 64"	2 5 64"	2	Index	025"	Index	1/4"	15 32"	1 64"	600 500	1700	
1962-65	Chevrolet 327" Eng. & Corvette	7 32"	23 32"	-	33 64"	2 5 64"	2	Index	030"	Index	1/4"	15 32"	1 64"	600 500	1700	
1962-65	Chevrolet 409" Eng. Dual Carb.	7 32"	23 32"	-	33 64"	2 3 32"	2	Index	015"	Index	1/4"	15 32"	1 64"	-	1700	
1960-62	Chris-Craft 430" Eng.	3 16"	23 32"	A	17 32"	1 086"	2	Index	030"	Index	1/8"	27 64"	1 64"	700	-	
1957-58	Chrysler	7 32"	23 32"	B	7 16"	1 067"	2	Index	012"	1-Rich	1 4"	3 8"	1 64"	500 500 N	1400	
1959-62	Chrysler	7 32"	23 32"	B	7 16"	-	-	2	Index	015"	2-Rich	1 4"	3 8"	1 64"	500 500 N	1800
1959-62	Chrysler Dual Carb. Front	7 32"	23 32"	B	7 16"	-	-	2	Index	012"	1-Rich	1 4"	27 64"	1 64"	650	1400
	Chrysler Dual Carb.	9 32"	23 32"	B	27 64"	2 1 8"	2	Index	010"	1-Rich	1 4"	29 64"	1 64"	500 500 N	1800	
1963	Chrysler 383" Eng.	7 32"	3 4"	B	7 16"	-	-	2	Index	020"	Index	3 8"	3 8"	1 64"	500 500 N	2100
1964	Chrysler 413" & Con. 383" Eng.	7 32"	23 32"	B	7 16"	-	-	2	Index	020"	2-Rich	3 8"	3 8"	1 64"	500 500 N	2100
1963-64	Chrysler 413" Eng. Dual Carb.	9 32"	23 32"	B	7 16"	-	-	2	Index	020"	Manual	-	29 64"	1 64"	900	700 Note 1
1965-66	Chrysler 383" 413" 426" & 440" Eng.	7 32"	3 4"	B	7 16"	S/T 1 8"	3	5/64"	020"	2-Rich	3 8"	21 64"	1 64"	500 500	700 Note 1	
1966	Chrysler 383" 440" Eng. w/C.A.P.	7 32"	3 4"	B	7 16"	A/T 7 64"	3	5/64"	-	Index	3 8"	21 64"	1 64"	650 600 Dr.	1500 Note 2	
1966	Chrysler 426" Eng. Front Dual Carb. Rear	5 16"	3 4"	B	7 16"	-	-	-	-	-	17 64"	-	-	750	-	
1967	Chrysler 383" Eng. w/C.A.P.	5 16"	3 4"	B	7 16"	-	-	3	1 16"	030"	1-Rich	1 4"	17 64"	-	750	1500 Note 2
1967	Chrysler 383" Eng. w/C.A.P.	5 16"	3 4"	B	7 16"	S/T 7 64"	3	5/64"	-	Index	5 16"	-	-	650 600 Dr.	1400 Note 2	
1967	Chrysler 440" Eng. w/C.A.P.	5 16"	3 4"	B	7 16"	1 8"	3	5/64"	-	Index	11 32"	-	-	650 650 Dr.	1400 Note 2	
1967	Chrysler 440" Eng. w/C.A.P.	7 32"	3 4"	B	7 16"	S/T 7 32"	3	5/64"	-	Index	3 8"	-	-	650 650 Dr.	1400 Note 2	
1961-65	Chrysler Marine 8 Cyl. w/B.B.M. 383 M413	7 32"	23 32"	B	7 16"	-	-	2	Index	020"	1-Rich	1 4"	13 64"	1 64"	500	700 Note 1
1965	Chrysler Marine M273B Crusader Marine Mark 7-B-9-10	7 32"	23 32"	B	7 16"	-	-	3	1 16"	020"	2-Rich	1 4"	21 64"	1 64"	500	700 Note 1
		7 32"	23 32"	-	33 64"	1 010	2	Index	012"	Index	3 16"	15 64"	1 64"	550	-	
1965-66	Dart 273" Eng.	7 32"	3 4"	B	7 16"	S/T 1 8"	3	5/64"	020"	2-Rich	7 32"	21 64"	1 64"	600 600 Dr.	700 Note 1	
1966	Dart 273" Eng. w/C.A.P.	7 32"	3 4"	B	7 16"	1 8"	3	5/64"	-	Index	7 32"	21 64"	1 64"	700 650 Dr.	1550 Note 2	
1967	Dart 273" Eng. w/C.A.P.	7 32"	3 4"	B	7 16"	S/T 1 8"	3	5/64"	-	2-Rich	3 8"	-	-	600 600 Dr.	625 Note 1	
	w/C.A.P.	5 16"	3 4"	B	7 16"	1 8"	3	5/64"	-	Index	1 4"	-	-	700 650 Dr.	1600 Note 2	
1961-64	DeSoto Marine 361" & 390" Eng. 289" Eng.	3 16"	23 32"	A	17 32"	1 5 64"	2	Index	030"	Index	1 8"	27 64"	1 64"	600	-	
		3 16"	3 4"	A	15 32"	1 9 64"	2	Index	020"	Index	3 32"	-	-	600	-	
1958	DeSoto Dual Carbs. Front Rear	9 32"	23 32"	B	7 16"	-	-	-	-	-	-	-	-	-	-	
1959	DeSoto Dual Carbs. Front Rear	9 32"	23 32"	B	7 16"	1 040"	2	Index	012"	1-Rich	1 4"	23 64"	1 64"	650	1450	
1958-61	DeSoto	9 32"	23 32"	B	7 16"	2 1 8"	2	Index	012"	1-Rich	1 4"	23 64"	1 64"	600	1400	
1960-61	DeSoto Dual Carbs.	9 32"	23 32"	B	27 64"	2 1 8"	2	Index	010"	1-Rich	1 4"	29 64"	1 64"	500	1800	
1958-61	Dodge Dual Carbs. Front Rear	9 32"	23 32"	B	7 16"	-	-	-	-	-	-	-	-	-	-	
1959	Dodge Dual Carbs. Front Rear	9 32"	23 32"	B	7 16"	1 040"	2	Index	012"	1-Rich	1 4"	23 64"	1 64"	650	1450	
1958-59	Dodge	7 32"	23 32"	B	7 16"	2 1 8"	2	Index	012"	1-Rich	1 4"	23 64"	1 64"	550	1400	
1960	Dodge T	5 16"	23 32"	B	7 16"	2 1 8"	2	Index	015"	1-Rich	1 4"	3 8"	1 64"	500	1400	
1960-61	Dodge Lancer 6 Cyl.	9 32"	23 32"	B	7 16"	-	-	2	Index	010"	Manual	-	23 64"	1 64"	700	1800
1960-63	Dodge A & T Police S. T & A/T	9 32"	23 32"	B	7 16"	-	-	2	Index	020"	1-Rich	3 8"	3 8"	1 64"	500	2000
1961-63	Dodge Dual Carbs. 413" Eng.	7 32"	23 32"	B	27 64"	2 1 8"	2	Index	010"	1-Rich	1 4"	29 64"	1 64"	500	1800	
1963	Dodge Dual Carbs. 413" Eng.	9 32"	23 32"	B	7 16"	-	-	-	-	-	-	-	-	900	Manual	
1964	Dodge Police H. Perf. & Con.	7 32"	23 32"	D	19 32"	-	-	-	-	-	-	-	-	900	Manual	
1965-66	Dodge 383" 413" 426" Eng.	7 32"	3 4"	B	7 16"	S/T 1 8"	3	5/64"	020"	2-Rich	3 8"	21 64"	1 64"	500	700 Note 1	
		7 32"	3 4"	B	7 16"	A/T 7 64"	3	5/64"	020"	2-Rich	3 8"	21 64"	1 64"	500 500 Dr.	700 Note 1	
1966	Dodge 383" Eng. w/C.A.P.	7 32"	3 4"	B	7 16"	3 32"	3	5/64"	-	Index	7 32"	21 64"	1 64"	650 600 Dr.	1500 Note 2	
1965-66	Dodge Dual Carbs. 426" Eng.	7 32"	23 32"	C	9 16"	-	-	-	-	Manual	-	23 32"	1 64"	900	-	
1967	Dodge 383" Eng. w/C.A.P.	5 16"	3 4"	B	7 16"	3 32"	3	5/64"	-	Index	5 16"	-	-	650 600 Dr.	1400 Note 2	
1967	Dodge 383" Eng. w/C.A.P.	5 16"	3 4"	B	7 16"	S/T 1 8"	3	5/64"	-	2-Rich	3 8"	-	-	500 500 Dr.	700 Note 1	
1967	Dodge 440" Eng. w/C.A.P.	5 16"	3 4"	B	7 16"	1 8"	3	5/64"	-	Index	11 32"	-	-	650 650 Dr.	1400 Note 2	
1967	Dodge 440" Eng. w/C.A.P.	7 32"	3 4"	B	7 16"	S/T 7 32"	3	5/64"	-	Index	3 8"	-	-	650 650 Dr.	750 Note 1	
1967	Dodge 426" Eng. Dual Carb. Front	9 64"	23 32"	B	7 16"	-	-	3	1 16"	-	-	-	17 64"	1 64"	750	-
1967	Dodge 426" Eng. Front Dual Carb. w/C.A.P. Rear	5 16"	3 4"	B	7 16"	-	-	-	-	-	-	-	17 64"	-	750	-
		7 32"	3 4"	B	7 16"	2 1 8"	2	1 16"	030"	1-Rich	1 4"	17 64"	-	750	1500 Note 2	
1967-68	Dodge 426" Eng. Dual Carb. w/C.A.P. Front Rear	9 32"	3 4"	B	7 16"	2 1 8"	2	1 16"	030	2-Rich	1 4"	17 64"	-	750 750	1800 Note 2	
1965	Dodge 426" Eng. Dual Carb.	7 32"	3 4"	B	7 16"	2 3 32"	3	5/64"	-	2-Rich	1 4"	17 64"	1 64"	750 750 N	2000 Note 2	



## ADJUSTMENT DATA TABLE

Year	Make	Float Level Piv-Sec.	Float Drop	Pump Adj. Hole	Choke/Piston Linkage Adj. Type	Fast Idle Linkage Adj. Type	Fast Idle Valve Dimen.	Automatic Choke Setting	Un- Loader Dimen.	Sec. Lever Step 1	Throttle Adj. Step 2	Slow R.P.M. S/T	Fast Idle R.P.M. Note Ref.	
1960-68	Dodge Truck 412" Eng.	7/32"	23/32"	B 33/64"	-	-	-	-	-	3/8"	1/64"	500	-	
1957	Ford 312" Eng.	5/32"	23/32"	B 15/32"	1 .086"	1 .010"	.020"	1-Rich	5/64"	-	-	500	500 N 1800	
1958	Ford 352" Eng.	5/16"	23/32"	B 15/32"	1 .086"	2 Index	.026"	2-Lean	5/64"	-	-	600	500 Dr. 650 Note 1	
1959	Ford 430" Eng.	3/16"	23/32"	A 17/32"	1 .086"	2 Index	.030"	1-Rich	1/8"	15/32"	1/64"	550	550 Note 1	
1960	Ford 430" Eng.	3/16"	23/32"	A 17/32"	2 1/8"	3 Index	.040"	1-Rich	1/8"	25/64"	1/64"	525	500 Dr. 625 Note 1	
1965	Imperial 413" Eng.	7/32"	3/4"	B 7/16"	* 7/64"	3 1/16"	-	2-N-Rich	3/8"	21/64"	1/64"	-	500 N 700 Note 1	
1966	Imperial 440" Eng.	7/32"	3/4"	B 7/16"	* 7/64"	3 5/64"	-	2-Rich	3/8"	21/64"	1/64"	-	500 Dr. 700 Note 1	
1966	Imperial 440" Eng. w/ C.A.P.	7/32"	3/4"	B 7/16"	* 3/32"	3 5/64"	-	Index	3/8"	21/64"	1/64"	-	600 Dr. 1500 Note 1	
1967	Imperial 440" Eng. w/ C.A.P. A/T	5/16"	3/4"	B 7/16"	* 1/8"	3 5/64"	-	Index	5/16"	-	-	-	650 Dr. 1400 Note 2	
1959	Lincoln	3/16"	23/32"	A 17/32"	1 .086"	2 Index	.030"	Index	1/8"	15/32"	1/64"	-	450 Dr. 500 Note 1	
1960	Lincoln	3/16"	23/32"	A 17/32"	2 1/8"	2 Index	.040"	Index	1/8"	25/64"	1/64"	525	475 Dr. 625 Note 1	
1963-65	Lincoln 430" Eng.	3/16"	23/32"	A 17/32"	2 1/8"	2 Index	.026"	1-Rich	1/8"	29/64"	1/64"	500	450 Note 1	
1966	Lincoln - All	3/16"	23/32"	B 15/32"	2 1/8"	2 Index	.026"	1-Rich	1/8"	15/32"	1/64"	-	(450-525 Dr.) 1600 Note 2	
1966	Lincoln Std. 462" Eng.	3/16"	23/32"	B 15/32"	2 3/32"	2 Index	.026	1-Rich	1/8"	15/32"	1/64"	475	1600 Note 2	
1966	Lincoln T/E 462" Eng.	3/16"	23/32"	A 17/32"	2 3/32"	2 Index	.026	1-Rich	1/8"	15/32"	1/64"	500	1600 Note 2	
1968	Lincoln 462" Eng. w/ AC	3/16"	23/32"	A 17/32"	2 7/64"	2 Index	.026"	1-Lean	1/8"	15/32"	1/64"	-	500 Dr. 1600 Note 2	
1957	Mercury	3/16"	23/32"	B 15/32"	1 .086"	1 .010"	.020"	1-Rich	5/64"	-	-	500	500 Dr. 1800	
1959	Mercury	3/16"	23/32"	A 17/32"	1 .086"	2 Index	.030"	Index	1/8"	15/32"	1/64"	450	550 Note 1	
1960	Mercury	3/16"	23/32"	A 17/32"	2 1/8"	2 Index	.040"	Index	1/8"	25/64"	1/64"	525	475 Dr. 625 Note 1	
1958	Plymouth Dual Carb. Front 350" Eng. Carb.	9/32"	23/32"	B 7/16"	-	-	-	1-Rich	1/4"	23/64"	1/64"	650	-	
1958-59	Plymouth	7/32"	23/32"	B 7/16"	-	-	-	1-Rich	1/4"	3/8"	1/64"	500	500 N 1400	
1960-61	Plymouth Dual Carb.	9/32"	23/32"	B 27/64"	2 1/8"	2 Index	.010"	1-Rich	1/4"	29/64"	1/64"	500	500 N 1800	
1960-62	Plymouth 318" 361" Eng.	7/32"	23/32"	B 7/16"	-	-	-	Index	.020"	3/8"	1/64"	500	500 N 1800	
1963	Plymouth Dual Carb. 413" Eng.	9/32"	23/32"	B 7/16"	-	-	-	Manual	-	29/64"	1/64"	900	1400	
1963	Plymouth 383" Eng.	7/32"	23/32"	B 7/16"	-	-	-	Index	3/8"	3/8"	1/64"	500	500 N 2100	
1964	Plymouth Dual Carb. 426" Eng.	7/32"	23/32"	D 19/32"	-	-	-	Manual	-	23/32"	1/64"	900	-	
1964	Plymouth-Police-Hi. Perf. & Con	7/32"	23/32"	B 7/16"	-	1/8"	3/32"	1-Rich	3/8"	21/64"	1/64"	500	700 Note 1	
1965-66	Plymouth 383" 413" 426" Eng.	7/32"	3/4"	B 7/16"	S/T 1/8"	3 5/64"	.020"	2-Rich	3/8"	21/64"	1/64"	500	700 Note 1	
1966	Plymouth 383" Eng. w/ C.A.P.	7/32"	3/4"	B 7/16"	* 3/32"	3 5/64"	-	Index	7/32"	21/64"	1/64"	650	600 Dr. 1500 Note 2	
1965-66	Plymouth Dual Carb. 426" Eng.	7/32"	23/32"	C 9/16"	-	-	-	Manual	-	23/32"	1/64"	900	-	
1967	Plymouth 383" Eng. w/ C.A.P.	5/16"	3/4"	B 7/16"	* 3/32"	3 5/64"	-	Index	5/16"	-	-	650	600 Dr. 1400 Note 2	
1967	Plymouth 383" Eng. w/ C.A.P.	5/16"	3/4"	B 7/16"	S/T 1/8"	3 5/64"	-	2-Rich	3/8"	-	-	500	500 Dr. 700 Note 1	
1967	Plymouth 440" Eng. w/ C.A.P.	5/16"	3/4"	B 7/16"	A/T 7/64"	3 5/64"	-	Index	11/32"	-	-	650	650 Dr. 1400 Note 2	
1967	Plymouth 440" Eng. w/ C.A.P.	7/32"	3/4"	B 7/16"	S/T 7/32"	3 5/64"	-	Index	3/8"	-	-	650	650 Dr. 750 Note 1	
1967	Plymouth 426" Eng. Dual (4324) Front	9/64"	23/32"	B 7/16"	-	-	3 1/16"	-	-	17/64"	1/64"	750	-	
1967	Plymouth 426" Eng. Front Dual Carb. w/ C.A.P.	5/16"	3/4"	B 7/16"	-	-	3 1/16"	.030"	1-Rich	1/4"	17/64"	750	-	
1967-68	Plymouth 426" Eng. Dual Front Carb. w/ C.A.P.	7/32"	3/4"	B 7/16"	-	-	3 1/16"	.030	2-Rich	1/4"	17/64"	750	1800 Note 2	
1969	Plymouth 426" Eng. Dual Carb.	7/32"	3/4"	B 7/16"	2 3/32"	3 5/64"	-	2-Rich	1/4"	17/64"	1/64"	750	2000 Note 2	
1957	Pontiac	9/32"	3/4"	-	33/64"	1 .045"	1 .010"	.030"	Index	1/8"	-	1/64"	450 Dr. 1900	
1958-60	Pontiac 2" T	9/32"	23/32"	-	33/64"	1 .045"	2 Index	.026"	Index	1/8"	-	1/64"	500	2200
1958-60	Pontiac A-T	11/32"	23/32"	-	33/64"	1 .010"	2 Index	.026"	1-Rich	1/8"	-	1/64"	600	550 Dr. 2200
1960	Pontiac Special 30105 Carb.	7/32"	23/32"	-	33/64"	1 .010"	2 Index	.026"	Index	5/32"	-	1/64"	600	550 Dr.
1961	Pontiac - V8	11/32"	23/32"	-	31/64"	3 Flush	2 Index	.026"	1-Rich	5/32"	7/16"	1/64"	-	500 Dr. 2200
1962-63	Pontiac - V8	11/32"	23/32"	-	31/64"	3 Flush	2 Index	.026"	1-Rich	5/32"	7/16"	1/64"	500	500 Dr.
1964	Pontiac 389" 421" Eng.	3/8"	23/32"	B 31/64"	3 Flush	2 Index	.026"	1-Rich	5/32"	7/16"	1/64"	500	500 Dr.	
1965	Pontiac 389" 421" Eng. S/T	11/32"	23/32"	A 31/64"	3 Flush	2 Index	.027"	1-Rich	5/32"	17/64"	1/64"	600	-	
1965	389" Eng. Only A/T	9/32"	23/32"	A 31/64"	3 Flush	2 Index	.027"	5/32"	17/64"	1/64"	-	-	500	2500 Note 3
1965	Pontiac 421" Eng. Only S/T	11/32"	23/32"	B 35/64"	3 Flush	2 Index	.027"	2-Rich	5/32"	17/64"	1/64"	-	500 Dr. 2500 Note 3	
1966	Pontiac 389" 421" Eng. S/T & w/A.I.R.	9/32"	23/32"	B 35/64"	3 Flush	2 Index	-	1-Rich	5/32"	-	-	600	-	
1967	Pontiac 400" Eng. S/T & w/A.I.R.	13/32"	23/32"	B 35/64"	3 Flush	2 Index	-	1-Rich	5/32"	-	-	600	-	
1967	400" Eng. w/A.I.R. A/T	11/32"	23/32"	B 35/64"	3 Flush	2 Index	-	1-Rich	5/32"	-	-	700	500 Dr. 2800 Note 3	
1967	400" Eng. w/A.I.R. S/T	11/32"	23/32"	B 35/64"	3 Flush	2 Index	-	1-Rich	5/32"	-	-	600	Dr. 2500 Note 3	
1963	Studebaker	3/8"	23/32"	B 27/64"	-	-	2 Index	.027"	Index	5/32"	7/16"	1/64"	650	-
1963	Studebaker-Gran-Turismo	9/32"	23/32"	B 27/64"	-	-	2 Index	.044"	Index	5/32"	7/16"	1/64"	550	-
1961	Tempest 4 Cyl.	7/32"	23/32"	-	33/64"	3 Flush	2 Index	.026"	Index	5/32"	-	1/64"	600	-
1963-64	Tempest 326" Eng. All T	11/32"	23/32"	B 31/64"	3 Flush	2 Index	.026"	1-Rich	5/32"	17/64"	1/64"	500	500 Dr. 2500 Note 3	
1965	Tempest 326" Eng. S/T	13/32"	23/32"	A 31/64"	3 Flush	2 Index	.027"	1-Rich	5/32"	17/64"	1/64"	600	-	
1965	HO. VB A/T	11/32"	23/32"	A 31/64"	3 Flush	2 Index	.027"	1-Rich	5/32"	17/64"	1/64"	-	500 Dr. 2500 Note 3	
1965	Tempest 389" Eng. S/T	11/32"	23/32"	A 31/64"	3 Flush	2 Index	.027"	1-Rich	5/32"	17/64"	1/64"	600	-	
1966	GTO-V8 A/T	9/32"	23/32"	A 31/64"	3 Flush	2 Index	.027"	1-Rich	5/32"	17/64"	1/64"	-	500 Dr. 2500 Note 3	
1966	Tempest 326" Eng. S/T	11/32"	23/32"	B 35/64"	3 Flush	2 Index	-	1-Rich	5/32"	-	-	600	-	
1966	HO. VB A/T	13/32"	23/32"	B 35/64"	3 Flush	2 Index	-	1-Rich	5/32"	-	-	500 Dr.	2500 Note 3	
1966	326" Eng. w/A.I.R. A/T	11/32"	23/32"	B 35/64"	3 Flush	2 Index	-	1-Rich	5/32"	-	-	600	Dr. 2500 Note 3	
1966	Tempest 389" Eng. S/T	9/32"	23/32"	B 35/64"	3 Flush	2 Index	-	1-Rich	5/32"	-	-	600	-	
1967	GTO-V8 A/T	11/32"	23/32"	B 35/64"	3 Flush	2 Index	-	1-Rich	5/32"	-	-	500 Dr.	2500 Note 3	
1967	Tempest Firebird 326" Eng. S/T w/A.I.R. S/T & A/T	13/32"	23/32"	B 35/64"	3 Flush	2 Index	.027"	1-Rich	5/32"	-	-	600	500 Dr. 2500 Note 3	
1960-61	Valiant - 6 Cyl. S/T	9/32"	23/32"	B 7/16"	-	-	2 Index	.010"	Manual	2-Rich	7/32"	21/64"	700	-
1965-66	Valiant 273" Eng.	7/32"	3/4"	B 7/16"	S/T 3/32"	3 5/64"	.020"	2-Rich	7/32"	21/64"	1/64"	600	600 Dr. 700 Note 1	
1966	Valiant 273" Eng. w/ C.A.P.	7/32"	3/4"	B 7/16"	A/T 3/32"	3 5/64"	-	Index	7/32"	21/64"	1/64"	700	650 1550 Note 1	
1967	Valiant 273" Eng. w/ C.A.P. w/ C.A.P.	7/32"	3/4"	B 7/16"	S/T 3/32"	3 5/64"	-	2-Rich	3/8"	-	-	600	600 Dr. 625 Note 1	
1967	Valiant 273" Eng. w/ C.A.P.	5/16"	3/4"	B 7/16"	A/T 3/32"	3 5/64"	-	Index	1/4"	-	-	700	650 Dr. 1600 Note 2	

Note 1 - Fast Idle Screw on Bottom or Low Step of Fast Idle Cam.  
 Note 2 - Fast Idle Screw on Second Highest Step of Fast Idle Cam.  
 Note 3 - Fast Idle Screw on Highest Step of Fast Idle Cam.