

UNLOADER ADJUSTMENT: (2535S only) With throttle wide open there should be 1/8 inch (gauge T109-36) clearance between upper edge of choke valve and inner wall of air horn. Adjust by bending unloader lip on throttle shaft lever (use bending tool T109-41).

BOWL VAPOR VENT ADJUSTMENT: This adjustment should be made after completing pump and metering rod adjustments. Install dust cover and dust cover gasket. Back out throttle lever stop screw to allow throttle valves to seat in bores of carbureter. There should be 1/16 inch (gauge T109-197) between lower edge of bowl vapor vent valve and dust cover. To adjust, remove dust cover and bend vapor vent arm.

SECONDARY THROTTLE LEVER ADJUSTMENT: Primary and secondary throttle valves should reach wide open position at the same time. To adjust, bend throttle operating rod at angle. (Use bending tool T109-213.) With primary and secondary throttle valves in tightly closed position there should be .017-.022 inch (gauge T109-29) clearance between positive

closing shoes on primary and secondary throttle levers. To adjust, bend shoe on primary lever.

AUXILIARY THROTTLE LOCK-OUT ADJUSTMENT: (2535S only) This adjustment should be made after completing fast idle and secondary throttle lever adjustments. Crack throttle valves and hold choke valve tightly closed. Then close throttle. Lock-out dog on auxiliary throttle shaft should freely engage in notch of lock-out arm. If necessary to adjust, bend lock-out dog on auxiliary throttle shaft.

IDLE SPEED AND MIXTURE ADJUSTMENT (NORMAL ENGINE TEMP.): In making the idle adjustment on the engine the air adjustment screw is used to adjust idle speed in a similar manner as the throttle speed screw used previously. Turning the air adjustment screw outward increases engine speed, but also leans the mixture supplied to the manifold which must be compensated for by adjustment of the idle mixture adjusting screws.

CHRYSLER "V-8" - 1957 - Carbureters Nos. 2534S-2535S

WHEN SERVICING, USE GASKET ASSORTMENT No. 310

Part No.	PART NAME	Part No.	PART NAME
1-1497S	Body flange assembly (2535S)	75-1372	Metering rod - standard - .78" x .070" x .040" (sup. by 75-1263)
1-1502S	Body flange assembly (2534S) (2)
1A-110	Flange gasket	86-12	Flange stud lock washer
2-189	Primary throttle valve	101-6	Pump arm clamp screw
2-201	Secondary throttle valve	101-33	Metering rod arm clamp screw
2-206	Auxiliary throttle valve	101-65	Lockout dog attaching screw (2535S)
3-1096S	Secondary throttle shaft and dog assembly	101-74	Throttle shaft screw
3-1148S	Primary throttle shaft and lever assembly (2535S)	101-149S	Body flange attaching screw and washer ass'y.
3-1149S	Auxiliary throttle shaft and weight ass'y	101-152S	Air horn attaching screw and washer assembly
3-1150S	Primary throttle shaft and lever ass'y, (2534S)	101-184S	Dust cover attaching screw and washer ass'y(2)
4A-179	Auxiliary throttle shaft lockout dog (2535S)	101-275	Piston housing attaching screw (2535S)
6-1309S	Air horn assembly (2535S)	101-277S	Vent arm attaching screw and washer ass'y.
6-1312S	Air horn assembly (2534S)	101-278	Pump jet housing attaching screw
7-173	Choke valve (2535S)	101-298S	Body flange attaching screw and washer assembly
11-306S	Low speed jet assembly (.0292") (sup. by 11-311S)	101-307S	Bracket and air horn attaching screw and washer assembly
11-311S	Low speed jet assembly (.032")	101-320	Auxiliary throttle valve attaching screw
11B-35	Rivet plug	101-324	Fast idle cam screw (2535S)
11B-41	Rivet plug (2535S)	101-335S	Air horn attaching screw and washer assembly
11B-79	Rivet plug (early prod. (4) (late prod. (1)	101-354S	Choke lever clamp screw and washer assembly (2535S)
11B-129S	Pump discharge passage plug assembly	101-363	Piston housing attaching screw (2535S)
11B-134	Rivet plug	101-382S	Body flange attaching screw and washer assembly
11B-223	Rivet plug	101-391	Throttle lever adjusting screw
11B-272	Rivet plug	101-420	Primary and Secondary throttle valve attaching screw
11B-294	Idle port rivet plug	101-426	Coil housing attaching screw (2535S)
11B-305	Rivet plug	103-11	* Lead shot (early prod.)(Sup by 136-199)
11B-306	Rivet plug	103-14	Lead shot (2534S late prod. (4) 2535S late prod. (3)
14-383S	Choke lever and screw assembly (2535S)	105A-10	Choke lever clamp screw nut (2535S)
14-439S	Choke piston lever, link and shaft ass'y, (2535S)	105A-11	Flange stud nut
14-440	Cam trip lever (2535S)	111-60S	Metering rod arm and screw assembly
15-63S	Strainer nut assembly	111-78S	Pump arm and screw assembly
17-70	Pump check needle	114-139	Throttle shaft arm (inner)
20-26	Relief valve gasket	114-145	Throttle shaft arm (outer)
20-126	Needle seat gasket	115-215	Choke connector rod (2535S)
20-127	Bowl strainer gasket	115-216	Throttle connector rod
21-143S	Primary float and lever assembly	115-292	Throttle operating rod
21-168S	Secondary float and lever assembly	116-13	Pump intake check ball
24-24	Float lever pin	117-162	Vacuumeter piston link
25-278S	Primary needle and seat assembly	117-165	Pump connector link
25-279S	Secondary needle and seat assembly	118-102S	Dust cover assembly
30-73	Primary needle seat strainer	118-135S	Dust cover assembly (Sup. by 118-102S)
30-74	Secondary fuel inlet strainer	120-163	Primary metering rod jet
30-75	Bowl strainer	120-226	Secondary metering jet
30A-67	Idle adjustment screw	121-78	Coil housing gasket (2535S)
30A-79	Idle air adjustment screw	121-208	Dust cover gasket
39-11	Choke valve attaching screw (2535S)	121-241	Pump jet housing gasket
47-30	Welsh plug (choke housing) (2535S)	121-265	Air horn gasket
47-33	Welsh plug (spark port)	121-277	Body flange gasket
48-174S	Pump jet and housing assembly	121-291	Heat tube cap gasket (2535S)
53A-333S	Pump operating lever and countershaft ass'y.	121-298	Piston housing gasket (2535S)
53A-344	Vent arm	136-37	Throttle operating rod washer
53A-417	Lockout arm (2535S)	136-84	Throttle shaft spring washer
61-84	Idle adjustment screw spring	136-159	Throttle shaft washer
61-128	Connector rod spring	136-199	Copper washer (lat prod.) (Use with 101-298S)
61-205	Vacuum piston spring	145-142	Choke vacuum passage standpipe (2534S early prod.) (2535S)
61-291	Throttle lever adjusting screw spring	145-148	Cross over bowl vent tubes
61-382	Metering rod spring	150-186S	Pin and valve cap assembly
61-413	Upper pump spring	150-190	Choke piston pin (2535S)
61-454	Fast idle cam spring (2535S)	150A-10	Pin spring
61-474	Bowl vent spring	160-110S	Vacuum piston and pin assembly
61-483	Secondary throttle return spring	160-128	Choke piston (2535S)
61-593	Lockout arm spring (2535S)	170-489S	Piston housing and plug assembly (3535S)
61-595	Idle air adjustment screw spring	170AW484S	Thermostatic coil and housing assembly (2535S)
63-35	Connector rod spring retainer	181-192S	Fast idle cam assembly (2535S) (Sup. by 181-204S)
63-57	Intake check ball retainer	181-204S	Fast idle cam assembly (2535S)
63-144	Delayer plate retainer ring (2535S)	184-88	Choke heat tube cap (2535S)
63-149	Bowl vent spring retainer	186-42	Choke baffle plate (2535S)
63-176	Pump spring retainer		
63-225	Coil housing retainer (2535S)		
63-229	Heat tube retainer (2535S)		
64-145S	Pump plunger and rod assembly		
75-1263	Metering rod - standard - .075" x .065" x .042"		

*Lead shot must be removed before flange can be removed from carbureter.

NOTE: Figures in parentheses indicate number of pieces used in one carbureter. Where no figure is shown, only one is used.