



Rochester Carburetors

MODEL B — Manual Choke

1932-52 CHEVROLET PASS. & TRUCK "6"

216 CU. IN. ENGINE

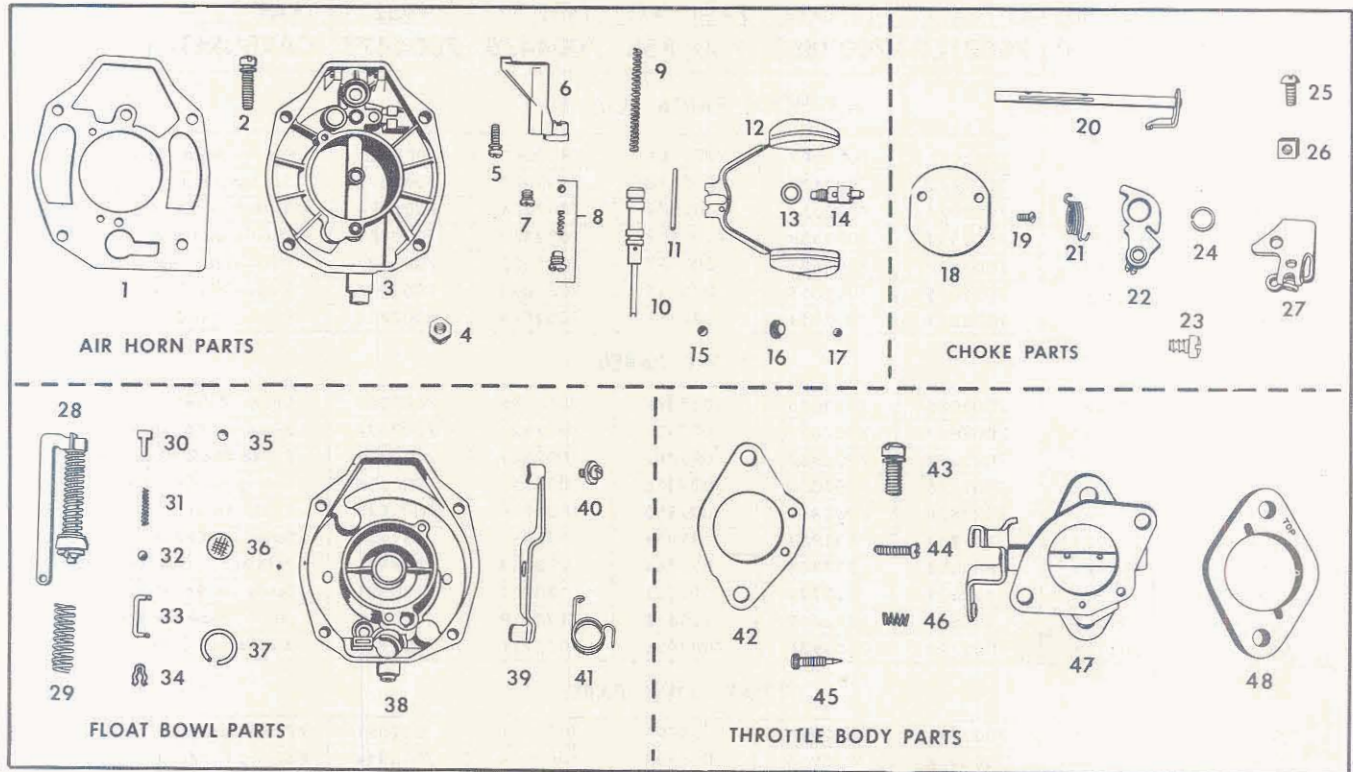
BULLETIN 9C-300

PAGE 1 OF 4

DATE: MAY, 1960

REPLACES:

9C-300, 4/1/53



PARTS SHOWN ARE FOR IDENTIFICATION ONLY. CONSULT PARTS LIST FOR CORRECT PART NAME AND NUMBER

1932-40	1941-50	1951 ALL EARLY	1951 TR. LATE	1951 PASS. LATE	1932-52	1952	YEAR
7001374	7002050	7003152	7003863	7003865	7004475	7004477	CARBURETOR No.
7004600	7004600	7004600	7004600	7004600	7004600	7004600	REPLACEMENT PKG. No.
7004363	7004363	7004363	7009307	7009307	7009307	7009307	MASTER REPAIR KIT
SR-300	SR-300	SR-300	SR-301	SR-301	SR-301	SR-301	OFF KAR KIT
SR-2	SR-2	SR-2	SR-3	SR-3	SR-3	SR-3	KLEANOUT KIT
7008748	7008748	7008748	7015965	7015965	7015965	7015965	GASKET KIT

Illus. No.	AIR HORN PARTS							
1	7002894	7002894	7002894	7004480	7004480	7004480	7004480	★ Gasket — Air Horn
2	7000745	7000745	7000745	7003823	7003823	7003823	7003823	Screw — Air Horn
3	See Note	See Note	See Note	See Note	See Note	7004669	7004669	Air Horn Assembly
4	145475	145475	145475	145475	145475	145475	145475	Fitting — Fuel Inlet
5	7000745	7000745	7000745	7000745	7000745	7000745	7000745	Screw — Main Well Support
6	7002680	7002061	7002061	7003922	7003922	7004512	7004512	Main Well Support Assembly
7	7002652	7002651	7002651	7002651	7002651	7002652	7002652	Jet — Standard
8	7002360	7002360	7002360	7002360	7002360	7002360	7002360	★ Power Valve Assembly
9	7002071	7002071	7002071	7002071	7002071	7002071	7002071	Spring — Power Piston
10	7002068	7002068	7002068	7002068	7002068	7002068	7002068	Power Piston

★ MASTER REPAIR KIT CONTENTS

NOTE: NO LONGER AVAILABLE. REPLACE WITH COMPLETE SERVICE CARBURETOR

PRINTED IN CANADA.

	1932-40	1941-50	1951 ALL EARLY	1951 TR. LATE	1951 PASS. LATE	1932-52	1952	YEAR
	7001374	7002050	7003152	7003863	7003865	7004475	7004477	CARBURETOR No.

Illus. No.	AIR HORN PARTS (Continued)							
11	7002081	7002081	7002081	7002081	7002081	7002081	7002081	Pin — Float Hinge
12	7002672	7002672	7002672	7002672	7002672	7002672	7002672	Float Assembly
13	7002074	7002074	7002074	7002074	7002074	7002074	7002074	★Gasket — Needle Seat
14	7002359	7002359	7002359	7002359	7002359	7002359	7002359	★Needle and Seat Assembly
15	7001637	7001637	7001637	7001637	7001637	7001637	7001637	Plug—Lead Ball—Idle Chan.—Outer
16	7002055	7002055	7002055	7002055	7002055	7002055	7002055	Plug—Idle Channel—Inner
17	7002814	7002814	7002814	7002814	7002814	7002814	7002814	Plug — Lead Ball

CHOKE PARTS

18	7002086	7002086	7002086	7002086	7002086	7002086	7002086	Choke Valve
19	7007627	7007627	7007627	7007627	7007627	7007627	7007627	Screw — Choke Valve
20	7002082	7002082	7002082	7002082	7002082	7002082	7002082	Choke Shaft Assembly
24	7002356	7002356	7002356	7002356	7002356	7002356	7002356	Spring — Choke Valve
22	7002888	7002888	7002888	7002888	7002888	7002888	7002888	Choke Lever and Swivel Assembly
23	131954	131954	131954	131954	131954	131954	131954	Screw — Choke Lever Swivel
24	838884	838884	838884	838884	838884	838884	838884	Retainer — Choke Lever
25	120221	120221	120221	120221	120221	120221	120221	Screw — Bowden Wire Clamp
26	120619	120619	120619	120619	120619	120619	120619	Nut — Bowden Wire Clamp
27	7002116	7002116	7002793	7003936	7003936	7003936	7003936	Bracket — Choke

FLOAT BOWL PARTS

28	7002091	7002091	7002091	7002091	7002091	7002091	7002091	★Pump Assembly
29	7005954	7005954	7005954	7005954	7005954	7005954	7005954	★Spring — Pump Return
30	7002119	7002119	7002119	7003838	7003838	7003838	7003838	★Guide — Pump Discharge
31	7002118	7002118	7002118	7002118	7002118	7002118	7002118	★Spring — Pump Discharge
32	7002117	7002117	7002117	7002117	7002117	7002117	7002117	★Ball — Pump Discharge
33	7005136	7005136	7005136	7005136	7005136	7005136	7005136	Link — Pump
34	836159	836159	836159	836159	836159	836159	836159	★Pin Spring — Pump Link
35	7002120	7002120	7002120	7002120	7002120	7002120	7002120	★Ball — Pump Inlet Check
36	7001604	7001604	7001604	7001604	7001604	7001604	7001604	★Strainer — Pump Inlet
37	7001605	7001605	7001605	7001605	7001605	7001605	7001605	★Retainer — Inlet Strainer
38	See Note	See Note	See Note	See Note	See Note	7004733	7004733	Float Bowl Assembly
39	7002103	7002103	7002103	7002103	7002103	7002103	7002103	Lever — Throttle Kick
40	7002715	7002715	7002715	7002715	7002175	7002715	7002715	Screw — Kick Lever Attaching
41	7002102	7002102	7002102	7002102	7002102	7002102	7002102	Spring — Kick Lever

THROTTLE BODY PARTS

42	7015367	7015367	7015367	7015367	7015367	7015367	7015367	★Gasket — Throttle Body
43	7015295	7015295	7015295	7015295	7015295	7015295	7015295	Screw — Throttle Body
—	120214	120214	120214	120214	120214	120214	120214	Lockwasher — Throttle Body Screw
44	7002121	7002121	7002121	7002121	7002121	7002121	7002121	Idle Stop Screw
45	7002357	7002357	7002357	7002357	7002357	7002357	7002357	★Needle — Idle Adjusting
46	7003190	7003190	7003190	7003190	7003190	7003190	7003190	Spring — Idle Needle
47	See Note	See Note	See Note	See Note	See Note	7004517	7004517	Throttle Body Assembly
48	3692797	3692797	3692797	3692797	3692797	3692797	3692797	Heat Insulator
—	839632	839632	839632	★ 839632	★ 839632	★ 839632	★ 839632	Flange Gasket

★ MASTER REPAIR KIT CONTENTS

NOTE: NO LONGER AVAILABLE. REPLACE WITH COMPLETE SERVICE CARBURETOR



Rochester Carburetors

MODEL B — Manual Choke

1932-52 CHEVROLET PASS. & TRUCK "6"

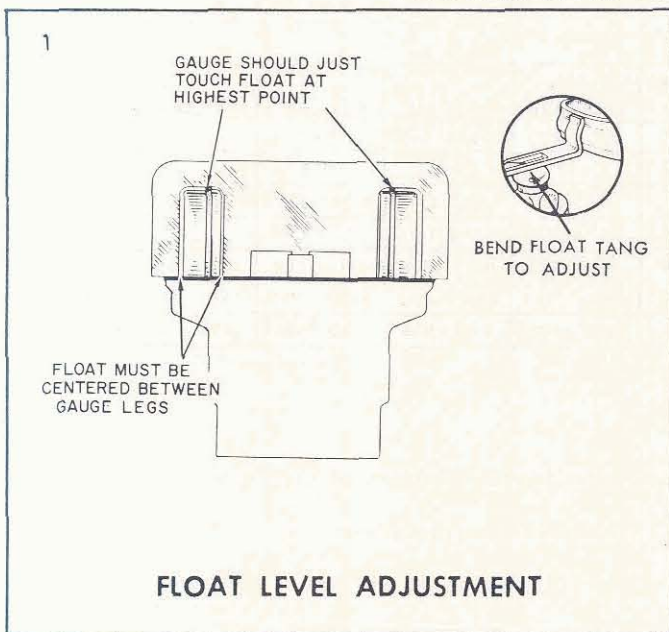
216 CU. IN. ENGINE

BULLETIN 9C-300
PAGE 3 OF 4
DATE: MAY, 1960

INSTALLATION INSTRUCTIONS

1. For 1932-1936 Replacement. (216 Cu. In. Engines, $1\frac{1}{4}$ " S.A.E. Flange). Remove old flange gasket. New asbestos flange gasket No. 839632 $\frac{1}{8}$ " thick must be used between carburetor and engine manifold. Bend accelerator throttle rod at ends sufficiently before attaching to carburetor throttle lever to provide necessary clearance and to permit smooth operation and travel of carburetor throttle lever.
2. For 1937-1952 Replacement. (216 Cu. In. Engines, $1\frac{1}{4}$ " S.A.E. Flange). Install new flange gasket No. 839632 $\frac{1}{8}$ " thick on top of old heat insulator. This insures proper operation of vacuum operated power system.

ADJUSTMENTS AND SPECIFICATIONS

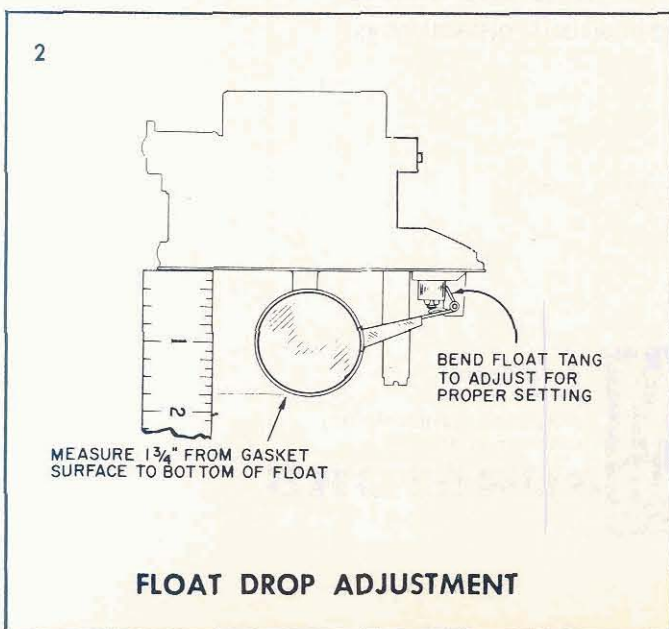


FLOAT LEVEL ADJUSTMENT

SETTING — $1\frac{9}{32}$ " GAUGE M-250

With air horn fully assembled, air horn gasket in position and assembly inverted (Figure 1):

1. Place float level gauge, M-250, in position as shown, with gauge projection inserted in discharge nozzle.
2. Carefully bend float tang vertically so that each float just touches top portion of gauge. If one float is higher than the other, slightly bend the float arms to bring them into alignment.
3. To prevent sides of floats from rubbing inside of bowl bend float arms horizontally so that each float is centered in the gauge.
4. Tilt assembly 90° each side and check that floats do not touch gauge.



FLOAT DROP ADJUSTMENT

SETTING — $1\frac{3}{4}$ " GAUGE BT-93 OR SCALE

To insure sufficient entry of fuel into the bowl under high speed operation it is necessary to check and adjust the float drop as shown in Figure 2. With the air horn held upright and the floats suspended freely, carefully bend the drop tang at the rear of the float assembly so that the bottom of the float is $1\frac{3}{4}$ " below the air horn gasket surface. Use float drop setting gauge BT-93. Install air horn assembly to bowl and tighten cover screws evenly and securely.

QUICK REFERENCE SPECIFICATIONS

YEAR	1932-52							
CARBURETOR NO.	ALL CARBS. LISTED ON PAGE 1							
ADJUSTMENTS								
FLOAT LEVEL	1-9/32"							
GAUGE	M-250							
FLOAT DROP	1-3/4"							
GAUGE	BT-93 OR SCALE							
TUNE-UP	1932 ALL	1933-34 ALL	1935 MASTER AND TRUCK	1935 STANDARD	1936 ALL	1937-46 ALL	1947-48 ALL	1949-52 ALL
SPARK PLUG GAP	.024	.032	.032	.030 - .035	.032 - .035	.040	.040	.035
BREAKER POINT GAP	.018	.018	.018	.018	.018	.018	.018	.018
CAM DWELL	31°-37°	31°-37°	31°-37°	31°-37°	31°-37°	31°-37°	31°-37°	31°-37°
IGNITION TIMING	12° BTDC	10° BTDC	5° BTDC	5° BTDC	5° BTDC	5° BTDC	5° BTDC	5° BTDC
TAPPET CLEARANCE (Hot)	INT. - .006	INT. - .006	INT. - .006	INT. - .006	INT. - .006	INT. - .006	INT. - .006	INT. - .006
	EXH. - .013	EXH. - .013	EXH. - .013	EXH. - .013	EXH. - .013	EXH. - .013	EXH. - .013	EXH. - .013
IDLE R.P.M.	450 - 500	450 - 500	450 - 500	450 - 500	450 - 500	450 - 500	450 - 500	450 - 500

NOTE: For complete carburetor specifications, refer to 9D-1 Section of the Parts and Service Manual.
Refer to Bulletin 9D-6 for basic operation and overhaul procedures.

COMPLETE MANUALS, CARBURETOR TOOLS AND GAUGES
AS LISTED ARE AVAILABLE THROUGH UMS DISTRIBUTORS

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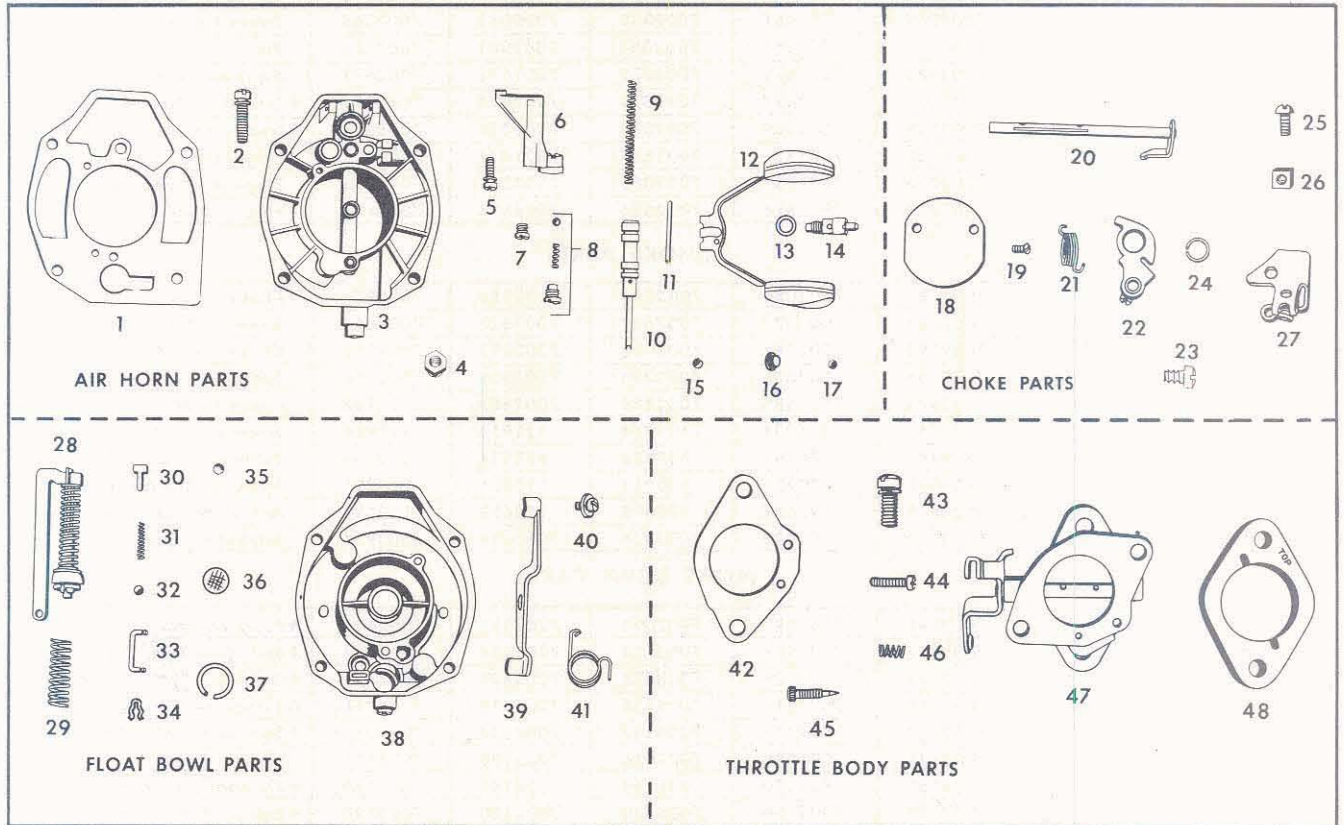
Rochester Carburetors

MODEL B — Manual Choke

1950-52 CHEVROLET "6"

235 CU. IN. ENGINE

BULLETIN 9C-301
 PAGE 1 OF 4
 DATE: MAY, 1960
 REPLACES:
 9C-301, 2/15/53



PARTS SHOWN ARE FOR IDENTIFICATION ONLY. CONSULT PARTS LIST FOR CORRECT PART NAME AND NUMBER

1950-51 (Early)	1950	1951 (Early)	1951 (Late)	1950-51 Service	1952	1951 (Late)	YEAR
Truck	Passenger	Passenger	Truck	Passenger	Truck	Passenger	APPLICATION
7002051	7003060	7003160	7003864	7003986	7004476	7004495	CARBURETOR No.
7015919	7007200	7007200	7015919	7007200	7015919	7007200	REPLACEMENT PKG. No.
7004363	7004363	7004363	7015964	7015964	7015964	7015964	MASTER REPAIR KIT
SR-300	SR-300	SR-300	SR-301	SR-301	SR-301	SR-301	OFF KAR KIT
SR-2	SR-2	SR-2	SR-3	SR-3	SR-3	SR-3	KLEANOUT KIT
7001386	7001386	7001386	7015965	7015965	7015965	7015965	GASKET KIT

Illus. No.	AIR HORN PARTS							
1	7002894	7002894	7002894	7004480	7004480	7004480	7004480	★Gasket — Air Horn
2	7000745	7000745	7000745	7003823	7003823	7003823	7003823	Screw — Air Horn
3	See Note	See Note	See Note	See Note	See Note	See Note	See Note	Air Horn Assembly
4	145475	145475	145475	145475	145475	145475	145475	Fitting — Fuel Inlet
5	7000745	7000745	7000745	7000745	7000745	7000745	7000745	Screw — Main Well Support
6	7002158	7003079	7003079	7003921	7004523	7004571	7004523	Main Well Support Assembly
7	7002658	7002658	7002658	7002658	7002656	7002659	7002656	Jet — Standard

★ MASTER REPAIR KIT CONTENTS

NOTE: NO LONGER AVAILABLE. REPLACE WITH COMPLETE SERVICE CARBURETOR PRINTED IN CANADA.

	1950-51 (Early)	1950	1951 (Early)	1951 (Late)	1950-51 Service	1952	1951 (Late)	YEAR
	Truck	Passenger	Passenger	Truck	Passenger	Truck	Passenger	APPLICATION
	7002051	7003060	7003160	7003864	7003986	7004476	7004495	CARBURETOR No.

AIR HORN PARTS (Continued)

Illus. No.								
8	7002360	7002360	7002360	7002360	7002360	7002360	7002360	★Power Valve Assembly
9	7002366	7002366	7002366	7002366	7002366	7002366	7002366	Spring — Power Piston
10	7002068	7002068	7002068	7002068	7002068	7002068	7002068	Power Piston
11	7002081	7002081	7002081	7002081	7002081	7002081	7002081	Pin — Float Hinge
12	7002672	7002672	7002672	7002672	7002672	7002672	7002672	Float Assembly
13	7002074	7002074	7002074	7002074	7002074	7002074	7002074	★Gasket — Needle Seat
14	7002359	7002359	7002359	7002359	7002359	7002359	7002359	★Needle and Seat Assembly
15	7001637	7001637	7001637	7001637	7001637	7001637	7001637	Plug—Lead Ball—Idle Chan—Outer
16	7002055	7002055	7002055	7002055	7002055	7002055	7002055	Plug—Idle Channel—Inner
17	7002814	7002814	7002814	7002814	7002814	7002814	7002814	Plug — Lead Ball

CHOKE PARTS

18	7002086	7002086	7002086	7002086	7002086	7002086	7002086	Choke Valve
19	7007627	7007627	7007627	7007627	7007627	7007627	7007627	Screw — Choke Valve
20	7002082	7002082	7002082	7002082	7002082	7002082	7002082	Choke Shaft Assembly
21	7002356	7002356	7002356	7002356	7002356	7002356	7002356	Spring — Choke Valve
22	7002888	7002888	7002888	7002888	7002888	7002888	7002888	Choke Lever and Swivel Assembly
23	131954	131954	131954	131954	131954	131954	131954	Screw — Choke Lever Swivel
24	838884	838884	838884	838884	838884	838884	838884	Retainer — Choke Lever
25	120221	120221	120221	120221	120221	120221	120221	Screw — Bowden Wire Clamp
26	120619	120619	120619	120619	120619	120619	120619	Nut — Bowden Wire Clamp
27	7002116	7002116	7002793	7003936	7003936	7003936	7003936	Bracket — Choke

FLOAT BOWL PARTS

28	7002091	7002091	7002091	7002091	7002091	7002091	7002091	★Pump Assembly
29	7005954	7005954	7005954	7005954	7005954	7005954	7005954	★Spring — Pump Return
30	7002119	7002119	7002119	7003838	7003838	7003838	7003838	★Guide — Pump Discharge
31	7002118	7002118	7002118	7002118	7002118	7002118	7002118	★Spring — Pump Discharge
32	7002117	7002117	7002117	7002117	7002117	7002117	7002117	★Ball — Pump Discharge
33	7005136	7005136	7005136	7005136	7005136	7005136	7005136	Link — Pump
34	836159	836159	836159	836159	836159	836159	836159	★Pin Spring — Pump Link
35	7002120	7002120	7002120	7002120	7002120	7002120	7002120	★Ball — Pump Inlet Check
36	7001604	7001604	7001604	7001604	7001604	7001604	7001604	★Strainer — Pump Inlet
37	7001605	7001605	7001605	7001605	7001605	7001605	7001605	★Retainer — Inlet Strainer
38	See Note	See Note	See Note	See Note	7004506	7004506	7004506	Float Bowl Assembly
39	7002103	7002103	7002103	7002103	7002103	7002103	7002103	Lever — Throttle Kick
40	7002715	7002715	7002715	7002715	7002175	7002715	7002715	Screw — Kick Lever Attaching
41	7002102	7002102	7002102	7002102	7002102	7002102	7002102	Spring — Kick Lever

THROTTLE BODY PARTS

42	7015367	7015367	7015367	7015367	7015367	7015367	7015367	★Gasket — Throttle Body
43	7015295	7015295	7015295	7015295	7015295	7015295	7015295	Screw — Throttle Body
—	120214	120214	120214	120214	120214	120214	120214	Lockwasher — Throttle Body Screw
44	7002121	7002121	7002121	7002121	7002121	7002121	7002121	Idle Stop Screw
45	7002357	7002357	7002357	7002357	7002357	7002357	7002357	★Needle — Idle Adjusting
46	7003190	7003190	7003190	7003190	7003190	7003190	7003190	Spring — Idle Needle
47	See Note	See Note	See Note	See Note	See Note	See Note	See Note	Throttle Body Assembly
48	3692799	3692799	3692799	3692799	3692799	3692799	3692799	Heat Insulator
—	—	7003220	7003220	—	7003220	—	7003220	Throttle Return Check Assembly
—	—	7003234	7003234	—	7003234	—	7003234	Contact Screw

★ MASTER REPAIR KIT CONTENTS

NOTE: NO LONGER AVAILABLE. REPLACE WITH COMPLETE SERVICE CARBURETOR

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MODEL B — Manual Choke

1950-52 CHEVROLET "6"

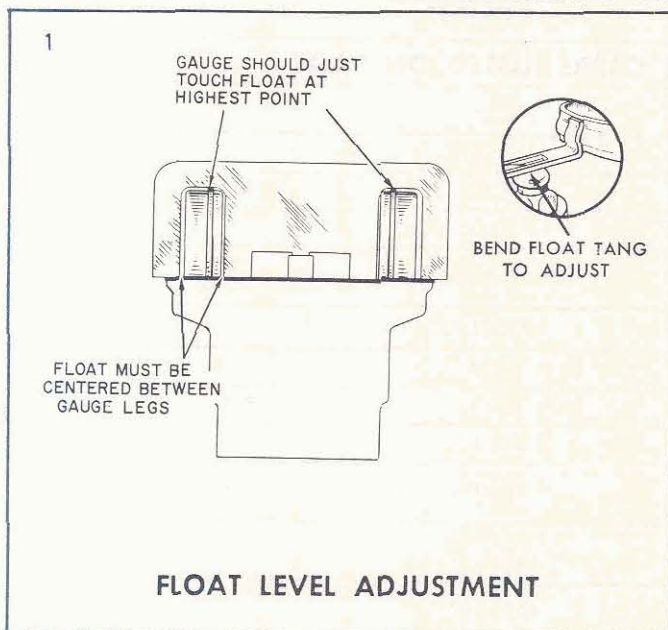
235 CU. IN. ENGINE



INSTALLATION INSTRUCTIONS

1. For 1950-52 Replacement (235 Cu. In Truck Engines with $1\frac{1}{2}$ " S.A.E. flange). Moulded heat insulator No. 3692799 $\frac{1}{2}$ " thick must be used between carburetor and engine manifold. This insures proper operation of vacuum operated power system.
2. For 1950-1952 Replacement, (235 Cu. In. Powerglide Engines with $1\frac{1}{2}$ " S.A.E. Flange). Moulded heat insulator No 3692799 $\frac{1}{2}$ " thick must be used between carburetor and engine manifold. This insures proper operation of vacuum operated power system.

ADJUSTMENTS AND SPECIFICATIONS

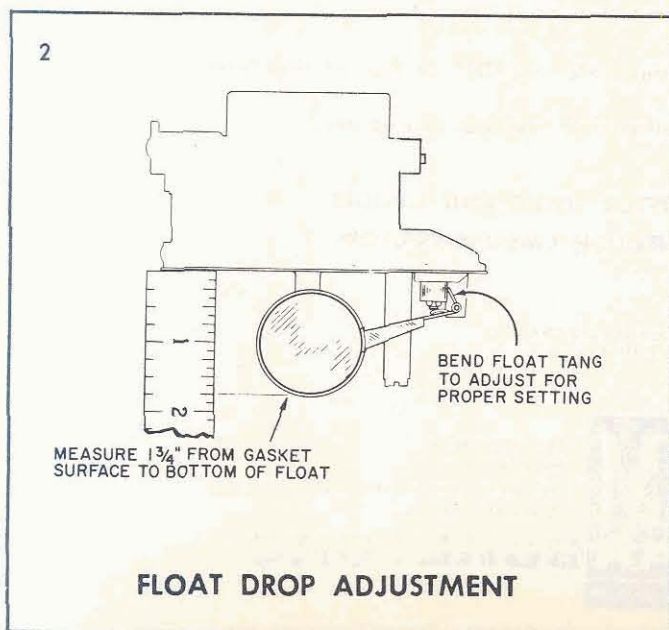


FLOAT LEVEL ADJUSTMENT

SETTING — $1\text{-}9/32$ " , GAUGE M-250

With air horn fully assembled, air horn gasket in position and assembly inverted (Figure 1):

1. Place float level gauge, M-250, in position as shown, with gauge projection inserted in discharge nozzle.
2. Carefully bend float lip vertically so that each float just touches top portion of gauge. If one float is higher than the other, slightly bend the float arms to bring them into alignment.
3. To prevent sides of floats from rubbing inside of bowl bend float arms horizontally so that each float is centered in the gauge.
4. Tilt assembly 90° each side and check that floats do not touch gauge.



FLOAT DROP ADJUSTMENT

SETTING — $1\frac{3}{4}$ " , GAUGE BT-93 OR SCALE

To insure sufficient entry of fuel into the bowl under high speed operation it is necessary to check and adjust the float drop as shown in Figure 2. With the air horn held upright and the floats suspended freely, carefully bend the drop tang at the rear of the float assembly so that the bottom of the float is $1\frac{3}{4}$ " below the air horn gasket surface. Use float drop setting gauge BT-93. Install air horn assembly to bowl and tighten cover screws evenly and securely.

THROTTLE RETURN CHECK INSTRUCTIONS

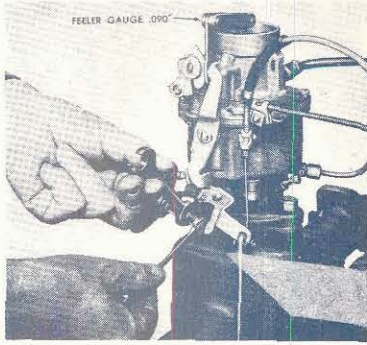


FIGURE 3

1. Completely assemble carburetor on engine manifold. Be certain accelerator pull back spring No. 3695705 is used.
2. If necessary, bend the throttle return check bracket or throttle lever contact arm to center the adjusting screw on the radius of the contact arm.
3. Run the engine until it is warmed up.
4. Adjust the throttle stop screw and idle adjusting needle to secure a smooth idle at 500 R.P.M. in "N" position.
5. Shut off engine. Insert .090" feeler gauge between carburetor choke lever cam and fast idle lever. (Figure 3.)
6. Using a 3/8" wrench turn the adjusting screw until it just contacts the throttle lever contact arm. Hold flats on shaft with wrench whenever adjusting screw is turned.
7. Install air cleaner. Start engine and recheck idling adjustment.

QUICK REFERENCE SPECIFICATIONS

YEAR	1950-1952
CARBURETOR NO.	ALL CARBS. LISTED ON PAGE 1
ADJUSTMENTS	—
FLOAT LEVEL	1-9/32"
GAUGE	M-250
FLOAT DROP	1-3/4"
GAUGE	BT-93 OR SCALE
TUNE-UP	1950-1952
SPARK PLUG GAP	.035
BREAKER POINT GAP	.018
CAM DWELL	31°-37°
IGNITION TIMING	5° BTDC
TAPPET CLEARANCE (Hot)	INT. - .006 EXH. - .013
IDLE R.P.M.	450 - 500*

*POWERGLIDE IDLE R.P.M. — 500 NEUT.

NOTE: For complete carburetor specifications, refer to 9D-1 Section of the Parts and Service Manual.

Refer to Bulletin 9D-6 for basic operation and overhaul procedures.

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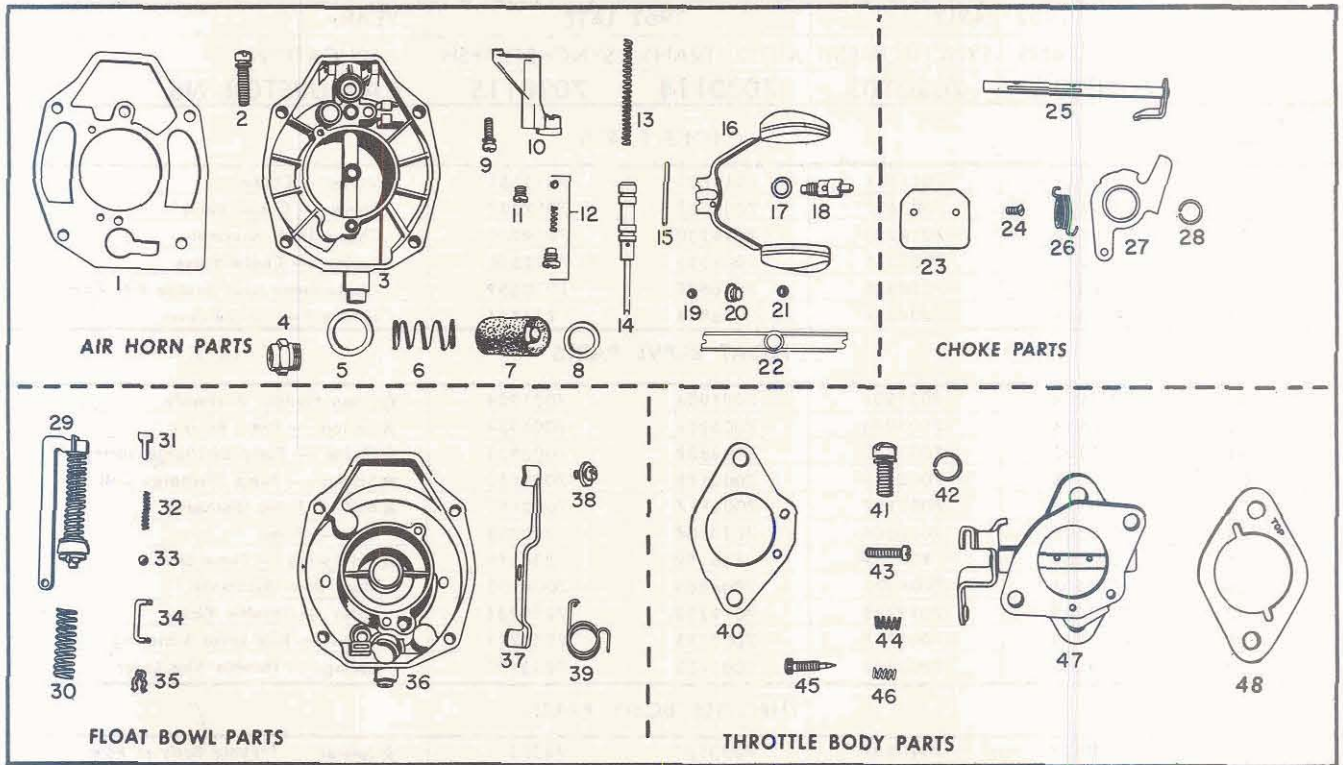
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MODEL B CARBURETORS
1962 CHEVY II "L-4"
PASSENGER
153 CUBIC INCH ENGINE



PARTS SHOWN ARE FOR IDENTIFICATION ONLY. CONSULT PARTS LIST FOR CORRECT PART NAME AND NUMBER

1962 EARLY		1962 LATE		YEAR
AUTO. TRANS.	SYNCHROMESH	AUTO. TRANS.	SYNCHROMESH	APPLICATION
7020104	7020103	7020114	7020115	CARBURETOR No.
7016208	7016207	7016208	7016207	REPLACEMENT CARBURETOR No.
7016222	7016222	7016268	7016268	OVERHAUL KIT
SR-307	SR-307	SR-308	SR-308	OK KIT
7016242	7016242	7016242	7016242	GASKET KIT

Illus. No.	AIR HORN PARTS				
1	7010073	7010073	7010073	7010073	★Gasket — Air Horn
2	7003823	7003823	7003823	7003823	Screw — Air Horn Attaching
3	7021781	7021449	7021781	7021449	Air Horn Assembly
4	7015233	7015233	7015233	7015233	Filter Nut
5	7010010	7010010	7010010	7010010	★Gasket — Filter Nut
6	7010007	7010007	7010007	7010007	Spring — Fuel Filter
7	7013404	7013404	7013404	7013404	Filter — Fuel Inlet
8	7013584	7013584	7013584	7013584	★Gasket — Fuel Filter
9	7000745	7000745	7000745	7000745	Screw — Well Support Attaching
10	7021772	7021468	7021772	7021468	Main Well Support Assembly
11	7002653	7002655	7002654	7002656	Main Metering Jet
12	7002360	7002360	7002360	7002360	★Power Valve Assembly
13	7004977	7004977	7004977	7004977	Spring — Power Piston
14	7010002	7010002	7010002	7010002	Power Piston Assembly
15	7002081	7002081	7002081	7002081	Pin — Float Hinge
16	See Note	See Note	7022675	7022675	Float Assembly
17	7002074	7002074	7002074	7002074	★Gasket — Needle Seat
18	7002359	7002359	7022681	7022681	★Needle and Seat Assembly
19	7001637	7001637	7001637	7001637	Plug — Lead Ball — Idle Channel — Outer
20	7002055	7002055	7002055	7002055	Plug — Idle Channel — Inner
21	7002814	7002814	7002814	7002814	Plug — Lead Ball
22	7010001	7010001	7010001	7010001	Bracket — Air Cleaner Stud

CO, WD, 131, 132:16, 9X, 9FR, 9FD

★ OVERHAUL KIT CONTENTS

Note: Replace with 7022705 Float and Needle Seat Modification Kit.

PRINTED IN U.S.A.

ILLUS. NO.	1962 EARLY		1962 LATE		YEAR
	AUTO. TRANS.	SYNCHROMESH	AUTO. TRANS.	SYNCHROMESH	APPLICATION
	7020104	7020103	7020114	7020115	CARBURETOR No.

CHOKE PARTS					
23	7011651	7011651	7011651	7011651	Valve — Choke
24	7007627	7007627	7007627	7007627	Screw — Choke Valve
25	7019230	7019230	7019230	7019230	Choke Shaft Assembly
26	7002356	7002356	7002356	7002356	Spring — Choke Valve
27	7020559	7020559	7020559	7020559	Choke Lever and Throttle Kick Cam
28	838884	838884	838884	838884	Retainer — Choke Lever

FLOAT BOWL PARTS					
29	7021904	7021904	7021904	7021904	★ Pump Plunger Assembly
30	7005954	7005954	7005954	7005954	★ Spring — Pump Return
31	7003838	7003838	7003838	7003838	★ Guide — Pump Discharge Spring
32	7002118	7002118	7002118	7002118	★ Spring — Pump Discharge Ball
33	7002117	7002117	7002117	7002117	★ Ball — Pump Discharge
34	7020508	7020508	7020508	7020508	Link — Pump
35	836159	836159	836159	836159	★ Pin Spring — Pump Link
36	7004506	7004506	7004506	7004506	Float Bowl Assembly
37	7019235	7019235	7019235	7019235	Lever — Throttle Kick
38	7002715	7002715	7002715	7002715	Screw — Kick Lever Attaching
39	7002102	7002102	7002102	7002102	Spring — Throttle Kick Lever

THROTTLE BODY PARTS					
40	7020527	7020527	7020527	7020527	★ Spacer — Throttle Body to Bowl
41	7021967	7021967	7021967	7021967	Screw — Throttle Body Attaching
42	120214	120214	120214	120214	Lockwasher — Throttle Body Screw
43	7001619	7001619	7001619	7001619	Screw — Fast Idle
44	7001690	7001690	7001690	7001690	Spring — Fast Idle Screw
45	7001669	7001669	7001669	7001669	★ Needle — Idle Adjusting
46	7003190	7003190	7003190	7003190	★ Spring — Idle Adjusting Needle
47	7021450	7021450	7021450	7021450	Throttle Body Assembly
48	3795179	3795179	3795179	3795179	★ Flange Gasket

IDLE SPEED-UP CONTROL PARTS (Air Conditioned Cars)	
7020986	Idle Speed-up Control Assembly
7022237	Diaphragm and Bracket Assembly
7022545	Solenoid Kit
7003234	Contact Screw

★ OVERHAUL KIT CONTENTS

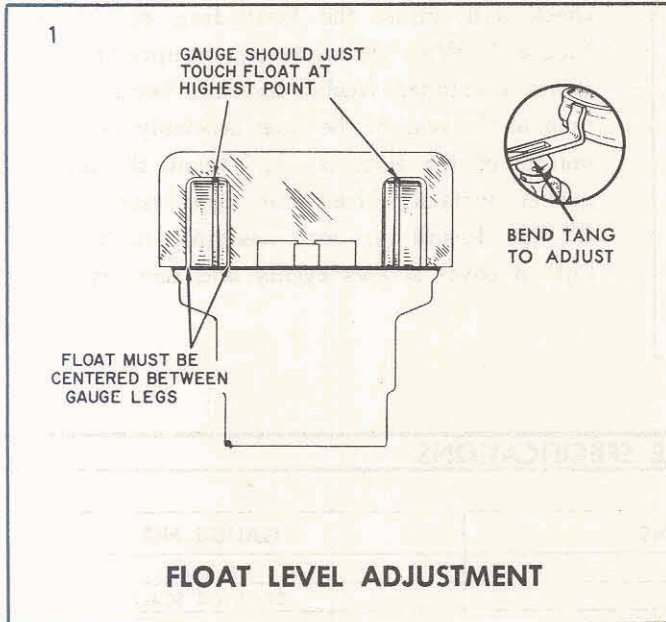
Delco Rochester

MODEL B MANUAL CHOKE CARBURETORS

1962 CHEVY II L-4

153 CU. IN. ENGINE

ADJUSTMENTS AND SPECIFICATIONS



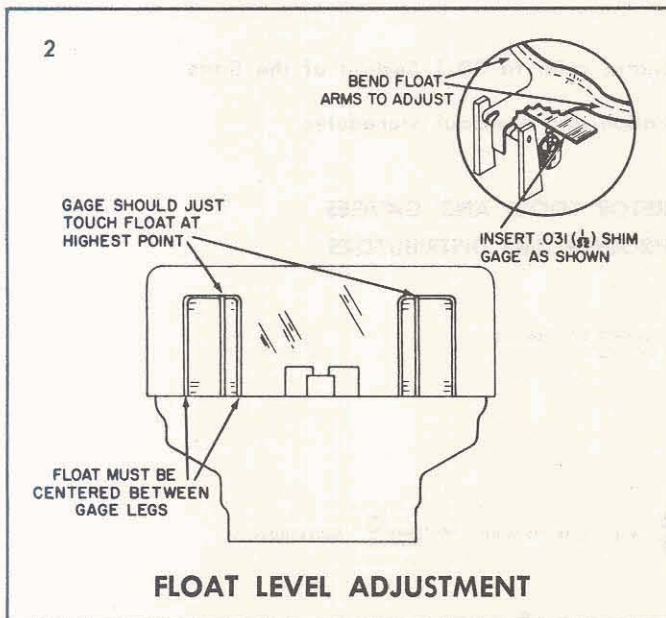
FLOAT LEVEL ADJUSTMENT

7020103 — 7020104

SETTING — 1-9/32", GAUGE M-250

With air horn fully assembled, air horn gasket in position and assembly inverted (Figure 1):

1. Place float level gauge, M-250, in position as shown, with gauge projection inserted in discharge nozzle.
2. Carefully bend tang on float arm vertically so that float pontoons touch top portion of gauge. If one float is higher than the other, slightly bend the float arms to bring them into alignment.
3. To prevent sides of floats from rubbing inside of bowl bend float arms horizontally so that each float is centered in the gauge.
4. Tilt assembly 90° each side and check that floats do not touch gauge.



FLOAT LEVEL ADJUSTMENT

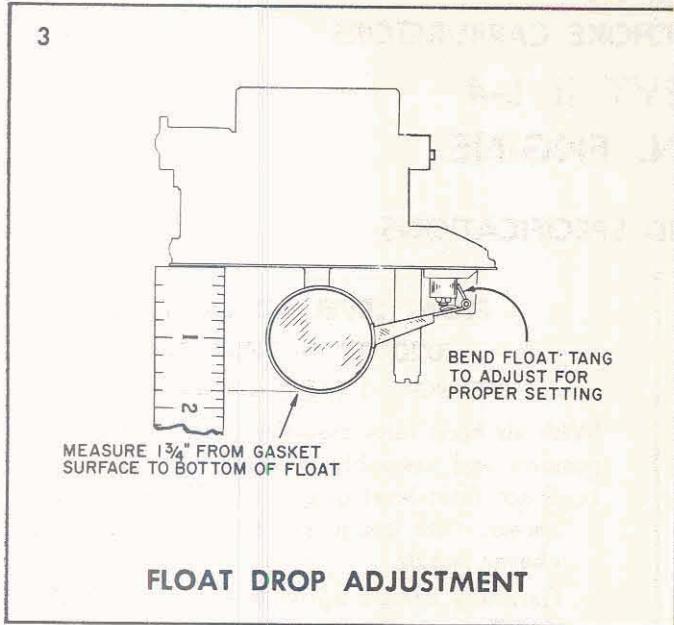
7020114 — 7020115

Setting 1-9/32" Gauge—M-250

1/32" Shim Gauge—Part No. 7022713

With air horn fully assembled, air horn gasket in position and assembly inverted (see above).

1. Install float shim gauge (supplied with needle seat) between head of float needle pin and float arm as shown (see inset above).
2. With float arm resting freely on shim, place float level gauge in position, as shown, with center gauge projection inserted in discharge nozzle. Carefully bend float arms up or down so that pontoons just touch top portion of gauge.
3. To prevent sides of floats from rubbing inside of bowl, bend float arms horizontally so that each float is centered between gauge legs.
4. Tilt assembly 90° each side and check that floats do not touch gauge.
5. *Remove Shim Gauge from Between Float Needle and Float Arm after Adjustment.*



FLOAT DROP ADJUSTMENT

SETTING — $1\frac{3}{4}$ " , GAUGE BT-93 OR SCALE

To insure sufficient entry of fuel into the bowl under high speed operation it is necessary to check and adjust the float drop as shown in Figure 3. With the air horn held upright and the floats suspended freely, carefully bend the drop tang at the rear of the float assembly so that the bottom of the float is $1\frac{3}{4}$ " below the air horn gasket surface. Use float drop setting gauge BT-93. Install air horn assembly to bowl and tighten cover screws evenly and securely.

QUICK REFERENCE SPECIFICATIONS

ADJUSTMENTS	DIMENSIONS	GAUGE NO.
FLOAT LEVEL	$1-9/32$ "	M-250
FLOAT DROP	$1-3/4$ "	BT-93 OR SCALE
TUNE-UP		
SPARK PLUG GAP	.035	
BREAKER POINT GAP	.016	
CAM DWELL	31° - 34°	
IGNITION TIMING	4° BTC	
IDLE RPM	SYNCHROMESH 500 "NEUT."	AUTOMATIC TRANSMISSION 500 "DR."

NOTE: For complete carburetor specifications, refer to 9D-1 Section of the Parts and Service Manual.

Refer to Bulletin 9D-6 for basic operation and overhaul procedures.

**COMPLETE MANUALS, CARBURETOR TOOLS AND GAUGES
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Rochester Carburetors

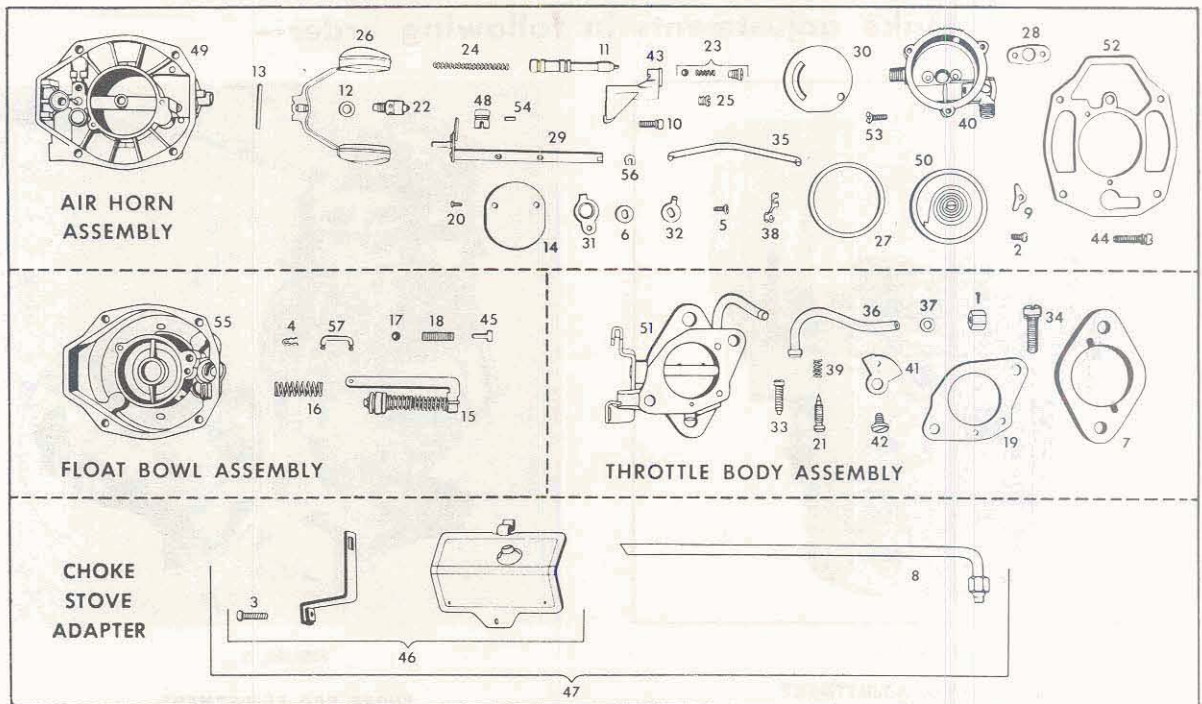
BULLETIN 9 C-302

Date 4-1-53

Supersedes all Bulletins 9A-201

CHEVROLET—1952 POWERGLIDE

AUTOMATIC CHOKE CARBURETOR—7003526



PARTS SHOWN ARE FOR IDENTIFICATION ONLY. CONSULT PARTS LIST FOR CORRECT PART NAME AND NUMBER.

REPAIR KIT-7004363

GASKET KIT-7004085

PARTS LIST

Illus. No.	Part No.	Part Name	Illus. No.	Part No.	Part Name
1	114627	Nut—Choke Suction Tube	30	7002859	Choke Baffle Plate
2	131958	Screw—Stat Cover Attaching	31	7002860	Choke Lever and Collar Assy.
3	132124	Screw—Choke Stove Bracket	32	7002863	Lever—Choke Trip
	137406	Fitting—Fuel Inlet	33	7002873	Screw—Throttle Stop and Cam
4	836159	Pin—Spring	34	7002877	Screw—Throttle Body Attaching
5	1875051	Screw—Trip Lever Attaching	35	7002880	Rod—Choke (Early Production)
6	1875354	Washer—Spacing	35	7005048	Rod—Choke (Late Production)
7	3692799	Heat Insulator	36	7002881	Choke Suction Tube Assy.
8	3697882	Pipe—Heat, Choke Assy.	37	7002883	Packing—Choke Suction Tube
9	7000614	Retainer—Stat Cover		7003135	Expansion Plug—Choke
10	7000745	Screw—Main Well Support Attaching	38	7003137	Clip—Rod End
	7001637	Plug—Lead Ball, Idle Passage, Outer	39	7003190	Spring—Idle Adjusting Needle
	7002055	Plug—Idle Passage—Inner		7003220	Throttle Return Check Assy.
11	7002068	Piston—Power		7003234	Screw—Throttle Return Check Assy.
12	7002074	Gasket—Float Valve Seat	40	7003531	Choke Housing Assy.
13	7002081	Pin—Float Hinge	41	7003542	Cam—Fast Idle
14	7002086	Valve—Choke	42	7003561	Screw—Fast Idle Cam Attaching
15	7002091	Pump Plunger Assy.	43	7003822	Main Well Support Assy.
16	7002101	Spring—Pump Return	44	7003823	Screw—Air Horn Attaching
17	7002117	Ball—Pump Discharge	45	7003838	Guide—Pump Discharge Spring
18	7002118	Spring—Pump Discharge Ball	46	7003923	Manifold Stove Assy.
19	7002156	Gasket—Throttle Body	47	7003924	Choke Stove Adapter Kit
20	7002305	Screw—Choke Valve Attaching	48	7003977	Piston—Choke
21	7002357	Needle—Idle Adjusting	49	7004071	Air Horn Assy.
22	7002359	Float Valve, Seat and Gasket Assy.	50	7004072	Stat Cover and Coil Assy.
23	7002360	Power Valve Assy.	51	7004082	Throttle Body Assy.
24	7002366	Spring—Power Piston		7004085	Gasket Kit
25	7002656	Jet—Main Metering (Lean)		7004363	Repair Kit
25	7002657	Jet—Main Metering (Std.)	52	7004480	Gasket—Air Horn
26	7002672	Float Assy.	53	7004487	Screw—Choke Housing Attaching
27	7002760	Gasket—Stat Cover	54	7004748	Pin—Choke Piston
	7002814	Plug—Lead Ball—Vac Hole—Pump Channel	55	7004506	Float Bowl Assy.
28	7002841	Gasket—Choke Housing	56	7005032	Clip—Retainer—Choke Rod
29	7002850	Choke Shaft Assy.	57	7005136	Link—Pump

CARBURETOR ADJUSTMENTS

Make adjustments in following order—

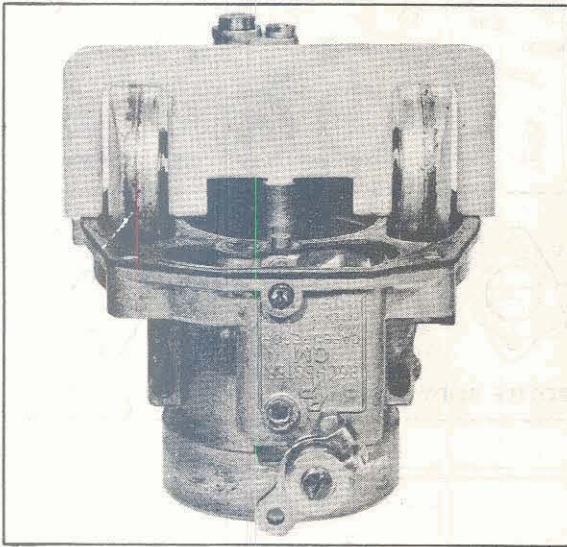


FIGURE 1

FLOAT LEVEL ADJUSTMENT

With air horn fully assembled, gasket in position and assembly up-ended on a flat surface (Figure 1):

1. Place float level gauge in position with gauge tang inserted in discharge nozzle.
2. Bend float arms vertically so that each float just touches top portion of gauge.
3. Bend float arms horizontally so that each float is centered in gauge.
4. Tilt assembly 90° each side and check that floats do not touch gauge.

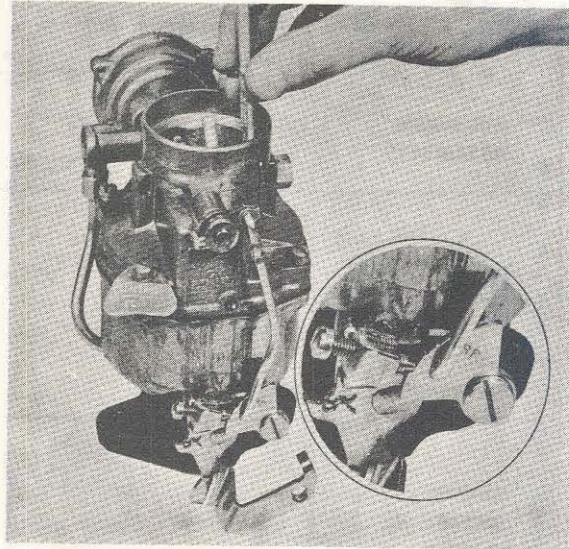


FIGURE 3

CHOKE ROD ADJUSTMENT

1. With the stat cover properly indexed (so that the scribed index mark on the cover is in line with the long cast mark on the choke housing) turn the idle screw in until it contacts the second step of the fast idle cam against the shoulder of the first step. (Figure 3).
2. Holding the screw tightly against the cam, bend the choke rod at the dog leg until the small end of the combination gauge (.073") just slides easily between the lower edge of the choke valve and the bore of the carburetor air horn.

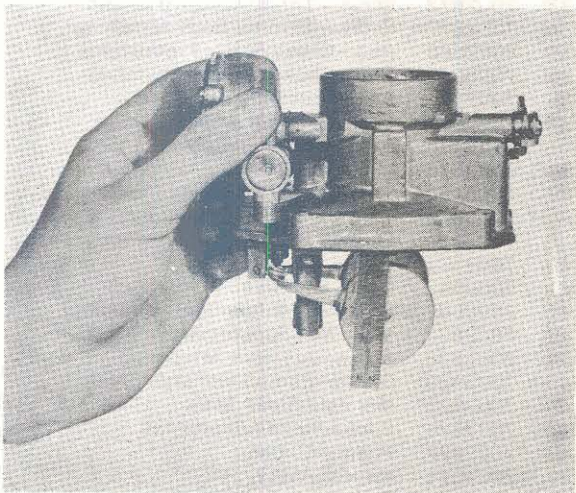


FIGURE 2

FLOAT DROP ADJUSTMENT

As shown in Figure 2, to insure sufficient entry of fuel under high speed operation, it is necessary to check and adjust the float drop. With air horn held right side up and floats suspended freely, carefully bend the float tang at the rear of the float assembly so that the bottom of the float is $1\frac{3}{4}$ " below the gasket surface. Install air horn assembly to float bowl and tighten screws evenly and securely.

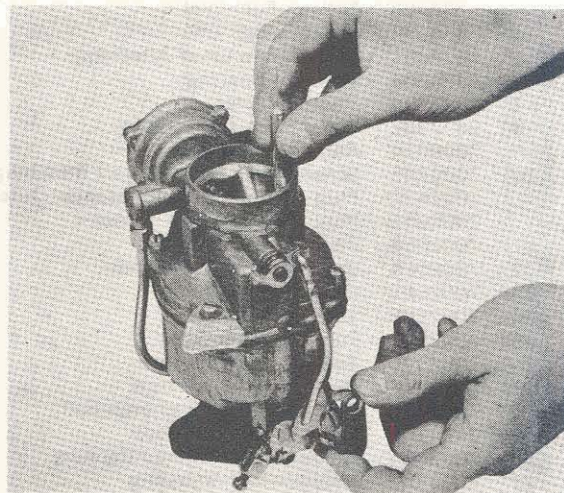


FIGURE 4

UNLOADER ADJUSTMENT

With the throttle lever in the full wide open position, there should be a clearance between the lower edge of the choke valve and the bore of the carburetor air horn so that the large end of the combination gauge (.166") will just slide freely (Figure 4). Bend the tang on the throttle lever to obtain the necessary clearance.

NOTE: No other carburetor adjustments are required.

CHEVROLET—1952 POWERGLIDE—Auto. Choke Carb.—7003526

CARBURETOR ADJUSTMENTS, Cont'd

THROTTLE RETURN

CHECK ADJUSTMENT

1. Install carburetor and throttle return check assembly on engine manifold (Figure 5). Connect the carburetor controls, gasoline, and vacuum spark control lines. Be certain that accelerator pull back spring No. 3695705 is used.
2. Check the alignment of the throttle return check adjusting screw with the contact arm on the throttle lever (Figure 5). It may be necessary to bend the throttle return bracket or throttle lever contact arm to center the adjusting screw on the radius of the contact arm.
3. Connect a tachometer to the engine. Place the transmission control in the park position. Start the engine and run it at fast idle to warm up the engine.
4. Adjust the throttle stop screw and idle adjusting needle in combination with each other to secure a smooth idle at 500 RPM in "N" position. This adjustment should be made with the choke valve in the wide open position and the throttle stop screw resting on the low step of the fast idle cam.
5. Shut off engine. With the choke valve in the closed position, locate the throttle stop screw so that it rests on the highest step of the fast idle cam (Figure 5).
6. Then, using a $\frac{3}{8}$ " wrench, turn the Throttle Return Check adjusting screw until it just contacts the throttle lever contact arm. Hold flats on shaft with a wrench whenever adjusting screw is turned.
7. Install air cleaner. Start engine and recheck idling adjustment.

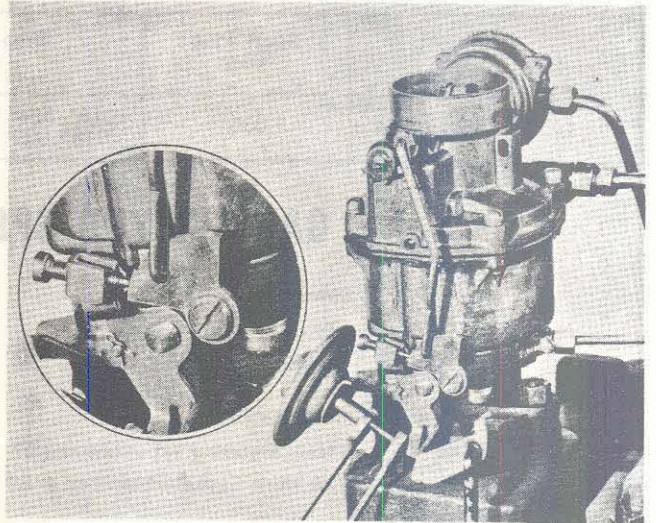


FIGURE 5

Bending tool BT-18, float level gauge M-250, and combination carburetor gauge BT-64 are available from Borroughs Tool Company, Kalamazoo, Mich., U.S.A.

AUTOMATIC CHOKE STOVE ADAPTER KIT INSTALLATION

1. Assemble carburetor to engine manifold. Connect the carburetor controls, gasoline and vacuum spark control lines.
2. Mount manifold stove assembly on exhaust manifold between No. 1 and No. 2 exhaust ports so that hot air tube connection is offset slightly towards the rear of the engine (Figure 6) Do not tighten retainer screw securely until tube installation is made.
3. Place tapered end of hot air tube into manifold stove connection. Then by adjusting the position of the manifold stove on the exhaust manifold, assemble the tube fitting to the carburetor choke housing connection until it is finger tight.
4. After this assembly has been made, tighten the stove retainer screw and tube fitting securely.
5. Install new clip 3700188 between throttle control rod and carburetor throttle lever.

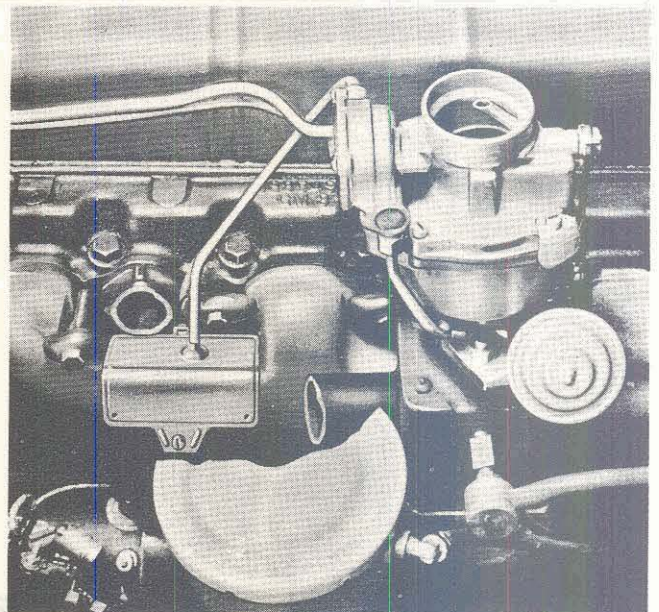


FIGURE 6

CHEVROLET—1952 POWERGLIDE—Auto. Choke Carb.—7003526

TUNE-UP SPECIFICATIONS

Year and Model	Spark Plug Gap	Breaker Point Gap	Ignition Timing	Idling RPM
1950-52 Powerglide	.035"	.018"-.024" New Installation .015"-.022" Present Points	5° BTDC	500 in "N"

CARBURETOR SPECIFICATIONS

Dimensions:

- Primary Venturi—1½"
- Secondary Venturi—1½"

Identification:

- Main Metering Jet—Stamped 57
- Air Horn Gasket—Stamped 4480

Idle Discharge Holes:

- Idle Needle Orifice—.073"
- Second Idle Hole—.040" x .010" Nick
- Third Idle Hole—.028" x .065" Above
- Spark Drillings—2—.040" x .010" Above

Pump Discharge Hole—.031"

Choke Restriction—.089"

Power Restriction—.046"

A GENERAL MOTORS PRODUCT



A UNITED MOTORS—AC LINE

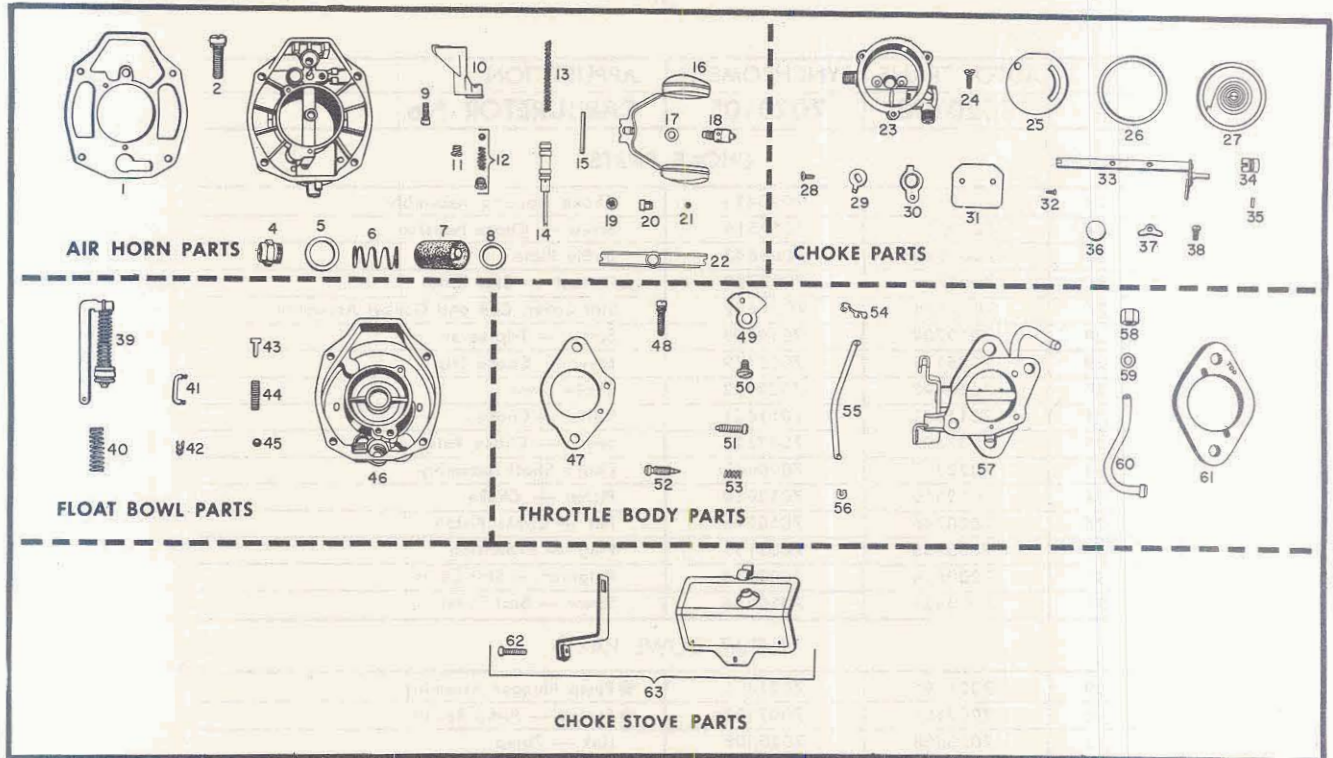
UNITED MOTORS SERVICE—AC DIVISION, GENERAL MOTORS PRODUCTS OF CANADA LIMITED, OSHAWA, ONTARIO

MODEL BC CARBURETORS

1962 CHEVY II "6"

PASSENGER

194 Cubic Inch Engine



PARTS SHOWN ARE FOR IDENTIFICATION ONLY. CONSULT PARTS LIST FOR CORRECT PART NAME AND NUMBER

AUTO. TRANS.	SYNCHROMESH	APPLICATION
7020108	7020105	CARBURETOR No.
7016206	7016205	REPLACEMENT PACKAGE No.
7016221	7016221	OVERHAUL KIT
SR-306	SR-306	OK KIT
7016241	7016241	GASKET KIT

Illus. No.	AIR HORN PARTS		
1	7010073	7010073	★Gasket — Air Horn
2	7003823	7003823	Screw — Air Horn
3	7021779	7021451	Air Horn Assembly
4	7015233	7015233	Filter Nut — Fuel Inlet
5	7010010	7010010	★Gasket — Filter Nut
6	7010007	7010007	Spring — Fuel Filter
7	7013404	7013404	Filter — Fuel Inlet
8	7013584	7013584	★Gasket — Fuel Filter
9	7000745	7000745	Screw — Main Well Support
10	7021549	7020568	Main Well Support Assembly
11	7002655	7002659	Main Metering Jet (Standard)
12	7006121	7006121	★Power Valve Assembly
13	7002366	7002366	Spring — Power Piston
14	7010002	7010002	Piston — Power
15	7002081	7002081	Pin — Float Hinge
16	7002672	7002672	Float Assembly
17	7002074	7002074	★Gasket — Needle Seat
18	7002359	7002359	★Needle and Seat Assembly
19	7001637	7001637	Plug — Lead Ball — Idle Passage — Outer
20	7002055	7002055	Plug — Idle Passage — Inner
21	7002814	7002814	Plug — Lead Ball
22	7010001	7010001	Bracket — Air Cleaner Stud

	AUTO. TRANS.	SYNCHROMESH	APPLICATION
	7020108	7020105	CARBURETOR No.

Illus. No.	CHOKE PARTS		
23	7020413	7020413	Choke Housing Assembly
24	7019516	7019516	Screw — Choke Housing
25	7006643	7006643	Baffle Plate
26	7002760	7002760	★Gasket — Stat Cover
27	7021438	7021452	Stat Cover, Coil and Gasket Assembly
28	7019709	7019709	Screw — Trip Lever
29	7005179	7005179	Lever — Choke Trip
30	7020492	7020492	Choke Lever
31	7011651	7011651	Valve — Choke
32	7007627	7007627	Screw — Choke Valve
33	7020687	7020687	Choke Shaft Assembly
34	7012610	7012610	Piston — Choke
35	7010746	7010746	Pin — Choke Piston
36	7003135	7003135	Plug — Expansion
37	7000614	7000614	Retainer — Stat Cover
38	7010424	7010424	Screw — Stat Cover

FLOAT BOWL PARTS

39	7021495	7021495	★Pump Plunger Assembly
40	7002101	7002101	★Spring — Pump Return
41	7020508	7020508	Link — Pump
42	836159	836159	★Pin Spring — Pump Link
43	7003838	7003838	★Guide — Pump Discharge Spring
44	7002118	7002118	★Spring — Pump Discharge Ball
45	7002117	7002117	★Ball — Pump Discharge
46	7021778	7021778	Float Bowl Assembly

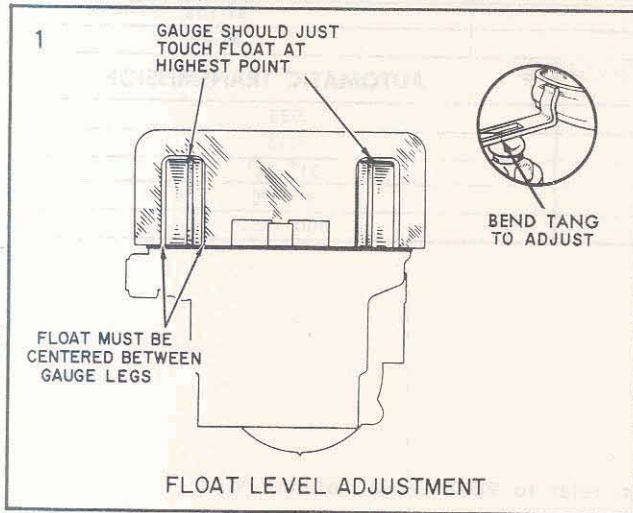
THROTTLE BODY PARTS

47	7020527	7020527	★Spacer — Throttle Body to Bowl
48	7015365	7015365	Screw — Throttle Body
49	7005178	7005178	Cam — Fast Idle
50	7003561	7003561	Screw — Cam Attaching
51	7013347	7013347	Screw — Idle Stop
52	7001669	7001669	★Needle — Idle Adjusting
53	7003190	7003190	Spring — Idle Needle
54	7005165	7005165	★Clip — Choke Rod — Upper
55	7020653	7020653	Choke Rod
56	7005109	7005109	★Clip — Choke Rod — Lower
57	7021453	7021453	Throttle Body Assembly
58	7012002	7012002	Nut — Choke Suction Tube
59	7002883	7002883	★Packing — Choke Suction Tube
60	7020421	7020421	Choke Suction Tube Assembly
61	3789903	3789903	Heat Insulator

CHOKE STOVE PARTS

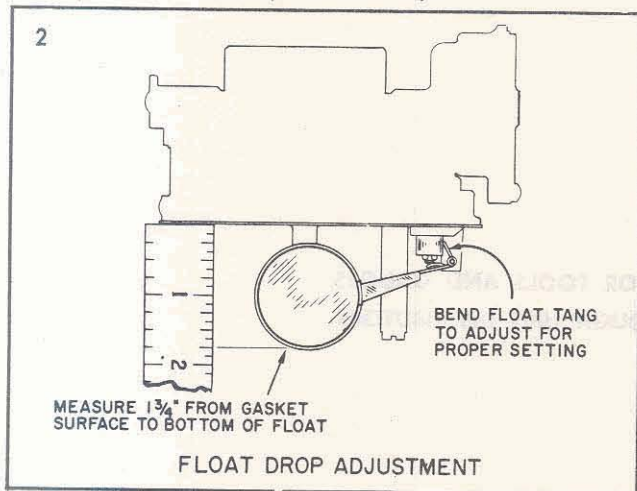
62	7010422	7010422	Screw — Choke Stove Bracket
63	7003923	7003923	Manifold Stove Kit

★ OVERHAUL KIT CONTENTS



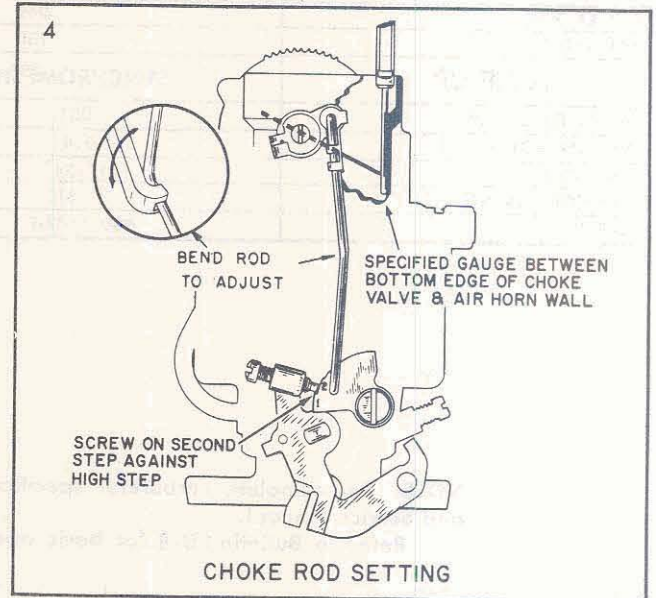
SETTING — 1-9/32", GAUGE M-250

With the air horn inverted and the gasket in place, position the gauge M-250 over the floats with the gauge tang inserted in the discharge nozzle. Bend the tang on float arm as necessary so that the top of each float just touches the gauge and the float is centered between the gauge legs.



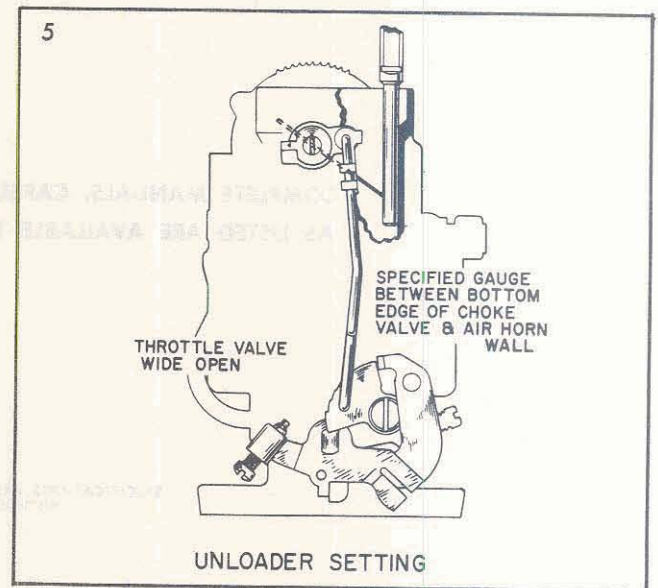
SETTING — 1 3/4", GAUGE BT-93 OR SCALE

Bend the float tang as necessary to obtain a distance of 1 3/4" from the gasket surface to the bottom of the float, with the air horn upright and the float hanging free. Measure with a Scale or Tool BT-93.



SETTING — .040", GAUGE BT-102

With the idle screw on the second step and against the high step of the fast idle cam, bend the choke rod as necessary with Tool BT-18 to obtain a clearance of .040" between the lower edge of the choke valve and the air horn wall.



SETTING — .230", GAUGE BT-99

Bend the unloader tang on the throttle lever as necessary with Tool BT-69 to obtain a clearance of .230" between the lower edge of the choke valve and the air horn wall, with the throttle valves wide open.

SETTING — SYNCHROMESH — 1 NOTCH RICH

SETTING — AUTO. TRANS. — INDEX

Loosen the three-retaining screws and rotate the choke cover clockwise against coil tension until the index mark on the cover is in the proper position with the index mark on the housing. At room temperature, the choke valves should be lightly closed.

QUICK REFERENCE SPECIFICATIONS


ADJUSTMENTS	DIMENSIONS	GAUGE NO.
FLOAT LEVEL	1-9/32"	M-250
FLOAT DROP	1-3/4"	BT-93
AUTOMATIC CHOKE	SYN. - 1 NOTCH RICH, AUTO. TRANS. - INDEX	---
CHOKE ROD	.040	BT-102
UNLOADER	.230	BT-99
TUNE-UP	SYNCHROMESH	AUTOMATIC TRANSMISSION
SPARK PLUG GAP	.035	.035
BREAKER POINT GAP	.016	.016
CAM DWELL	31°-34°	31°-34°
IGNITION TIMING	8° BTC	8° BTC
IDLE RPM	500 "NEUT."	500 "DR."


NOTE: For complete carburetor specifications, refer to 9D-1 Section of the Parts and Service Manual.

Refer to Bulletin 9D-8 for basic operation and overhaul procedures.

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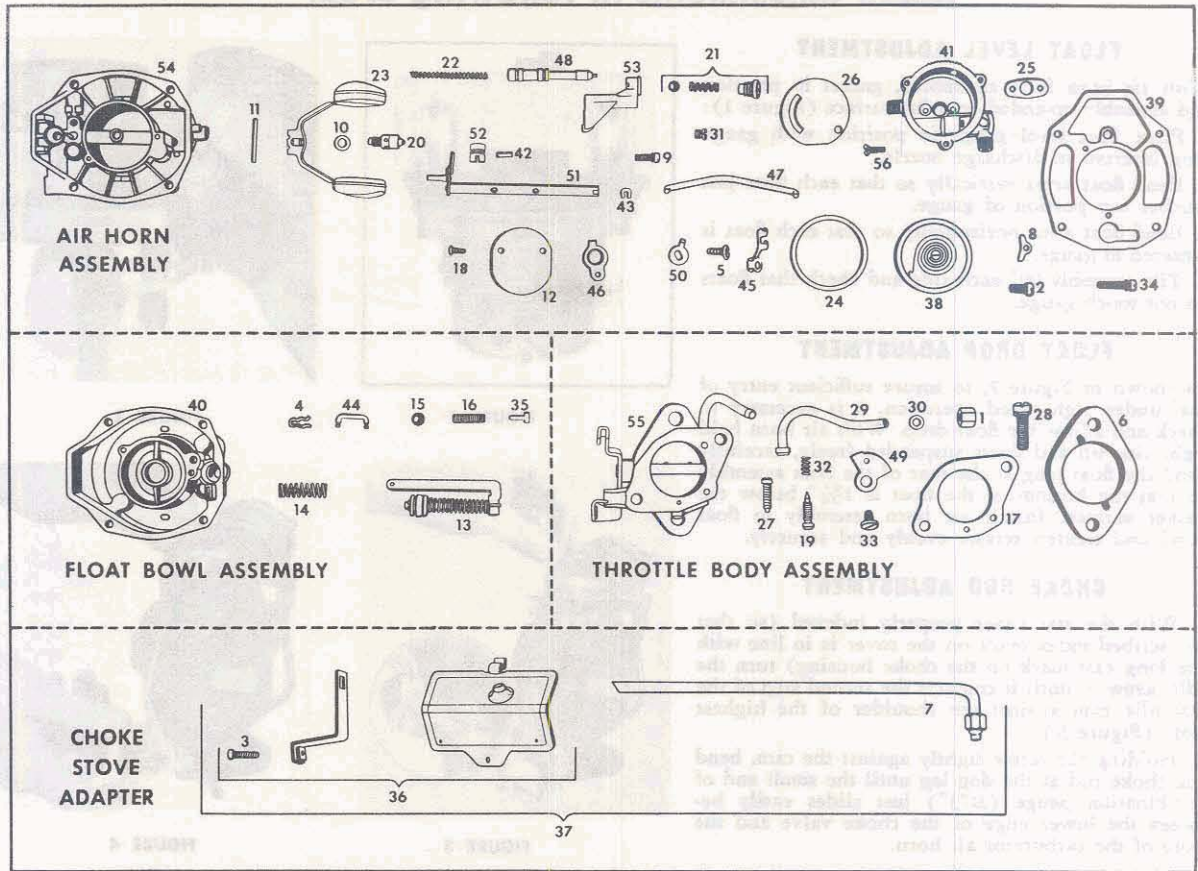


Rochester Carburetors

BULLETIN 9 C-303

CHEVROLET—1953 SYNCROMESH AUTOMATIC CHOKE CARBURETOR—7004915

Date 4-1-54
Supersedes Issue
Dated 2-15-53



PARTS SHOWN ARE FOR IDENTIFICATION ONLY. CONSULT PARTS LIST FOR CORRECT PART NAME AND NUMBER.

REPAIR KIT—7004363

GASKET KIT—7004085

PARTS LIST

Illus. No.	Part No.	Part Name	Illus. No.	Part No.	Part Name
1	114627	Nut—Choke Suction Tube	29	7002881	Choke Suction Tube Assy.
2	131958	Screw—Stat Cover Attaching	30	7002883	Packing—Choke Suction Tube
3	132124	Screw—Choke Stove Bracket	31	7002957	Jet—Main Metering (Lean)
	137406	Fitting—Fuel Inlet	31	7002958	Jet—Main Metering (Std.)
4	836159	Pin—Spring		7003135	Plug—Expansion—Choke
5	1875051	Screw—Trip Lever Attaching	32	7003190	Spring—Idle Adjusting Needle
6	3692799	Heat Insulator	33	7003561	Screw—Fast Idle Cam Attaching
7	3697882	Pipe—Heat, Choke Assy.	34	7003823	Screw—Air Horn Attaching
8	7000614	Retainer—Stat Cover	35	7003838	Guide—Pump Discharge Spring
9	7000745	Screw—Main Well Support Assy.	36	7003923	Manifold Stove Assy.
	7001637	Plug—Lead Ball—Idle Passage—Outer	37	7003924	Choke Stove Adapter Kit
	7002055	Plug—Idle Passage—Inner	38	7004072	Stat Cover and Coil Assy.
10	7002074	Gasket—Float Valve Seat		7004085	Gasket Kit
11	7002081	Pin—Float Hinge		7004363	Repair Kit
12	7002086	Valve—Choke	39	7004480	Gasket—Air Horn
13	7002091	Pump Plunger Assy.	40	7004506	Float Bowl Assy.
14	7002101	Spring—Pump Return	41	7004618	Choke Housing Assy.
15	7002117	Ball—Pump Discharge	42	7004748	Pin—Choke Piston
16	7002118	Spring—Pump Discharge Ball	43	7005109	Clip—Retainer—Choke Rod
17	7002156	Gasket—Throttle Body	44	7005136	Link—Pump
18	7002305	Screw—Choke Valve Attaching	45	7005165	Clip—Rod End
19	7002357	Needle—Idle Adjusting	46	7005170	Choke Lever and Collar Assy.
20	7002359	Float Valve, Seat, and Gasket Assy.	47	7005172	Rod—Choke
21	7002360	Power Valve Assy.	48	7005174	Piston—Power
22	7002366	Spring—Power Piston	49	7005178	Cam—Fast Idle
23	7002672	Float Assy.	50	7005179	Lever—Choke Trip
24	7002760	Gasket—Stat Cover	51	7005185	Choke Shaft Assy.
	7002814	Plug—Lead Ball	52	7005190	Piston—Choke
25	7002841	Gasket—Choke Housing	53	7005422	Main Well Support Assy.
26	7002859	Choke Baffle Plate	54	7005644	Air Horn Assy.
27	7002873	Screw—Throttle Stop and Cam	55	7005645	Throttle Body Assy.
28	7002877	Screw—Throttle Body Attaching	56	7005654	Screw—Choke Housing Attaching

CARBURETOR ADJUSTMENTS

Make adjustments in following order—

FLOAT LEVEL ADJUSTMENT

With air horn fully assembled, gasket in position and assembly up-ended on a flat surface (Figure 1):

1. Place float level gauge in position with gauge tang inserted in discharge nozzle.
2. Bend float arms vertically so that each float just touches top portion of gauge.
3. Bend float arms horizontally so that each float is centered in gauge.
4. Tilt assembly 90° each side and check that floats do not touch gauge.

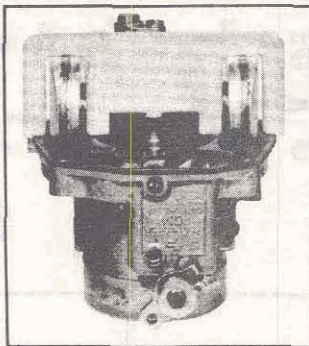


FIGURE 1

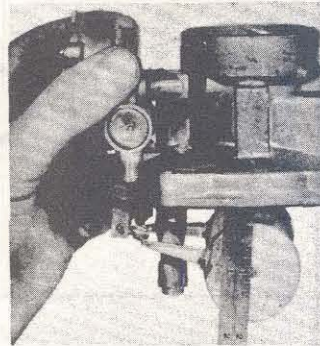


FIGURE 2

FLOAT DROP ADJUSTMENT

As shown in Figure 2, to insure sufficient entry of fuel under high speed operation, it is necessary to check and adjust the float drop. With air horn held right side up and floats suspended freely, carefully bend the float tang at the rear of the float assembly so that the bottom of the float is $1\frac{3}{4}$ " below the gasket surface. Install air horn assembly to float bowl and tighten screws evenly and securely.

CHOKE ROD ADJUSTMENT

1. With the stat cover properly indexed (so that the scribed index mark on the cover is in line with the long cast mark on the choke housing) turn the idle screw in until it contacts the second step of the fast idle cam against the shoulder of the highest step. (Figure 3.)
2. Holding the screw tightly against the cam, bend the choke rod at the dog leg until the small end of combination gauge (.073") just slides easily between the lower edge of the choke valve and the bore of the carburetor air horn.



FIGURE 3



FIGURE 4

UNLOADER ADJUSTMENT

With the throttle lever in the full wide open position, there should be a clearance between the lower edge of the choke valve and the bore of the carburetor air horn so that the large end of the combination gauge (.166") will just slide freely (Figure 4). Bend the tang on the throttle lever to obtain the necessary clearance.

NOTE: No other carburetor adjustments are required.

Bending tool BT-18, float level gauge M-250, and combination gauge BT-64 are available from your United Motors distributor or Borroughs Tool Company, Kalamazoo, Mich., U.S.A.

AUTOMATIC CHOKE STOVE ADAPTER KIT INSTALLATION

1. Assemble carburetor to engine manifold. Connect the carburetor controls, gasoline and vacuum spark control lines.
2. Mount manifold stove assembly on exhaust manifold between No. 1 and No. 2 exhaust ports so that hot air tube connection is offset slightly towards the rear of the engine (Figure 5). Do not tighten retainer screw securely until tube installation is made.

3. Place tapered end of hot air tube into manifold stove connection. Then by adjusting the position of the manifold stove on the exhaust manifold, assemble the tube fitting to the carburetor choke housing connection until it is finger tight.
4. After this assembly has been made, tighten the stove retainer screw and tube fitting securely.

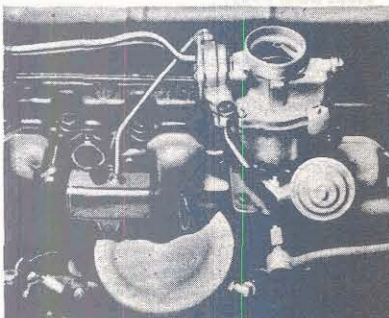


FIGURE 5

TUNE-UP SPECIFICATIONS

Spark Plug Gap	Breaker Point Gap
.035"	.016"-.021" New Installation .013"-.018" Old Points
Ignition Timing	Idling RPM
5° BTDC	475 in "N"

CARBURETOR SPECIFICATIONS

Dimensions:	
Primary Venturi— $1\frac{1}{2}$ "	
Secondary Venturi— $1\frac{1}{2}$ "	
Identification:	
Main Metering Jet—Stamped 58 (Square Approach)	
Air Horn Gasket—Stamped 4480	
Idle Discharge Holes:	
Idle Needle Orifice—.073"	
Second Idle Hole—.040" x .010" Nick	
Third Idle Hole—.028" x .065" Above	
Spark Drilling—Slot .175" x .045; Top Loc. .029" Above Valve	
Pump Discharge Hole—.031"	
Choke Restriction—.089"	
Power Restriction—.039"	

THIS BULLETIN IS BEING MAILED TO ALL U.S. AUTOMOTIVE DEALERS FOR THEIR CATALOG



Rochester Carburetors

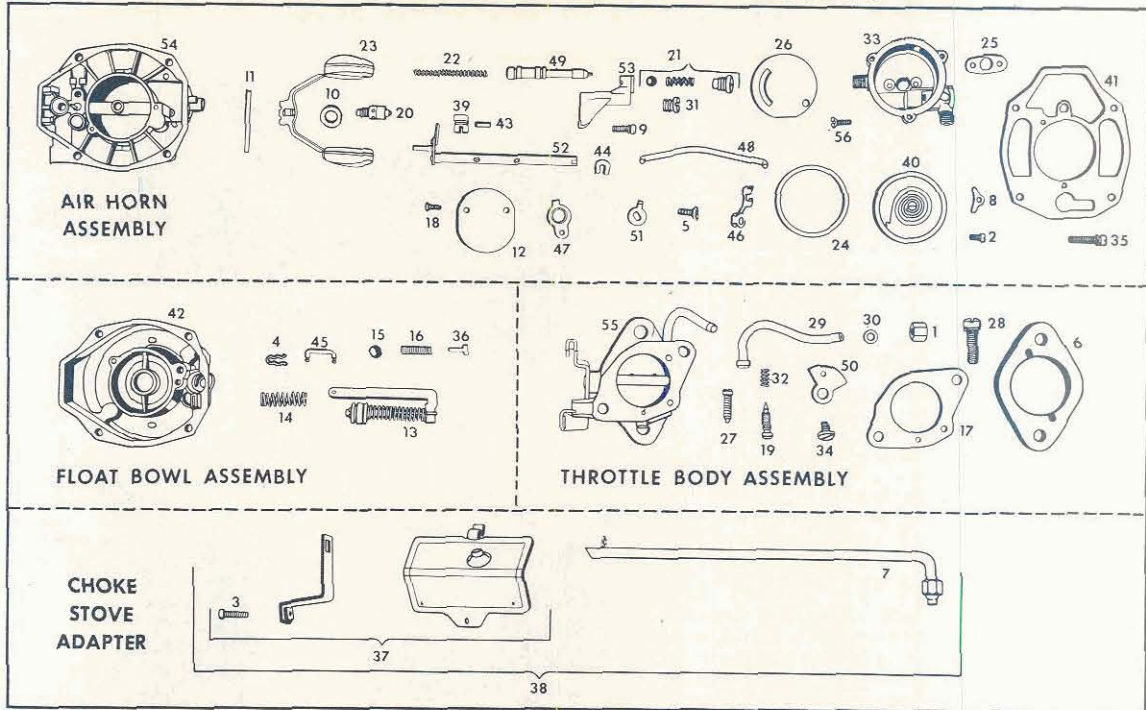
CHEVROLET—1953 POWERGLIDE

AUTOMATIC CHOKE CARBURETOR—7004478

BULLETIN 9 C-304

Date 4-1-54

Supersedes:
All Previous Issues



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GASKET KIT—7004085

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5	1875051	Screw—Trip Lever Attaching	32	7003190	Spring—Idle Adjusting Needle
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7	3697882	Pipe—Heat, Choke Assy.	34	7003561	Screw—Cam Attaching
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9	7000745	Screw—Main Well Support Attaching	36	7003838	Guide—Pump Discharge Spring
	7001637	Plug—Lead Ball—Idle Passage—Outer	37	7003923	Manifold Stove Assy.
	7002055	Plug—Idle Passage—Inner	38	7003924	Choke Stove Adapter Kit
10	7002074	Gasket—Float Valve Seat	39	7003977	Piston—Choke
11	7002081	Pin—Float Hinge	40	7004072	Stat Cover and Coil Assy.
12	7002086	Valve—Choke		7004085	Gasket Kit
13	7002091	Pump Plunger Assy.		7004363	Repair Kit
14	7002101	Spring—Pump Return	41	7004480	Gasket—Air Horn
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16	7002118	Spring—Pump Discharge Ball	43	7004748	Pin—Choke Piston
17	7002156	Gasket—Throttle Body	44	7005109	Clip—Retainer—Choke Rod
18	7002305	Screw—Choke Valve Attaching	45	7005136	Link—Pump
19	7002357	Needle—Idle Adjusting	46	7005165	Clip—Rod End
20	7002359	Float Valve, Seat, and Gasket Assy.	47	7005170	Choke Lever and Collar Assy.
21	7002360	Power Valve Assy.	48	7005172	Rod—Choke
22	7002366	Spring—Power Piston	49	7005174	Piston—Power
23	7002672	Float Assy.	50	7005176	Cam—Fast Idle
24	7002760	Gasket—Stat Cover	51	7005179	Lever—Choke Trip
	7002814	Plug—Lead Ball	52	7005185	Choke Shaft Assy.
25	7002841	Gasket—Choke Housing	53	7005422	Main Well Support Assy.
26	7002859	Choke Baffle Plate	54	7005644	Air Horn Assy.
27	7002873	Screw—Throttle Stop and Cam	55	7005647	Throttle Body Assy.
28	7002877	Screw—Throttle Body Attaching	56	7005654	Screw—Choke Housing Attaching

A GENERAL MOTORS PRODUCT



A UNITED MOTORS LINE

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1. Place float level gauge in position with gauge tang inserted in discharge nozzle.
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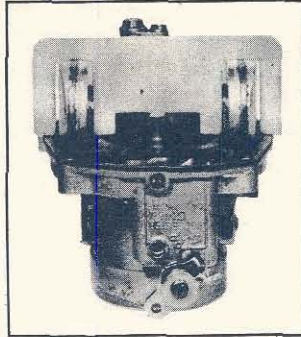


FIGURE 1

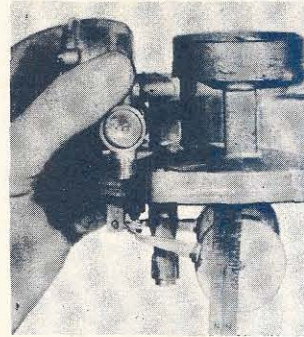


FIGURE 2

FLOAT DROP ADJUSTMENT

As shown in Figure 2, to insure sufficient entry of fuel under high speed operation, it is necessary to check and adjust the float drop. With air horn held right side up and floats suspended freely, carefully bend the float tang at the rear of the float assembly so that the bottom of the float is 1 3/4" below the gasket surface. Install air horn assembly to float bowl and tighten screws evenly and securely.

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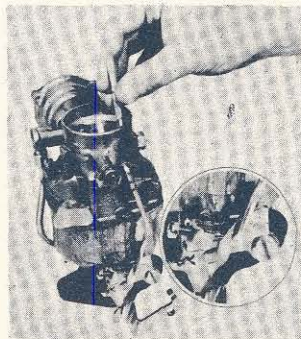


FIGURE 3



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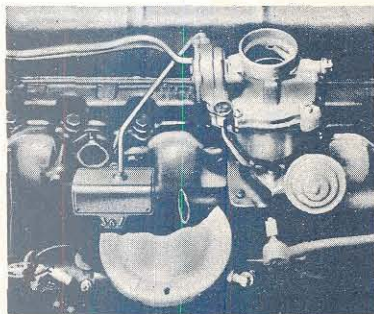


FIGURE 5

3. Place tapered end of hot air tube into manifold stove connection. Then by adjusting the position of the manifold stove on the exhaust manifold, assemble the tube fitting to the carburetor choke housing connection until it is finger tight.

4. After this assembly has been made, tighten the stove retainer screw and tube fitting securely.

TUNE-UP SPECIFICATIONS

Spark Plug Gap	Breaker Point Gap
.035"	.016"-.021" New Installation .013"-.018" Old Points
Ignition Timing	Idling RPM
5° BTDC	425 in Drive

CARBURETOR SPECIFICATIONS

Dimensions:

Primary Venturi—1 1/8"
Secondary Venturi—1 1/2"

Identification:

Main Metering Jet—Stamped 58 (Square Approach)
Air Horn Gasket—Stamped 4480

Idle Discharge Holes:

Idle Needle Orifice—.073"
Second Idle Hole—.040" x .010" Nick
Third Idle Hole—.028" x .065" Above
Spark Drilling—Slot—.175" x .045", Top Loc. .029"
Above Valve

Pump Discharge Hole—.031"

Choke Restriction—.089"

Power Restriction—.039"

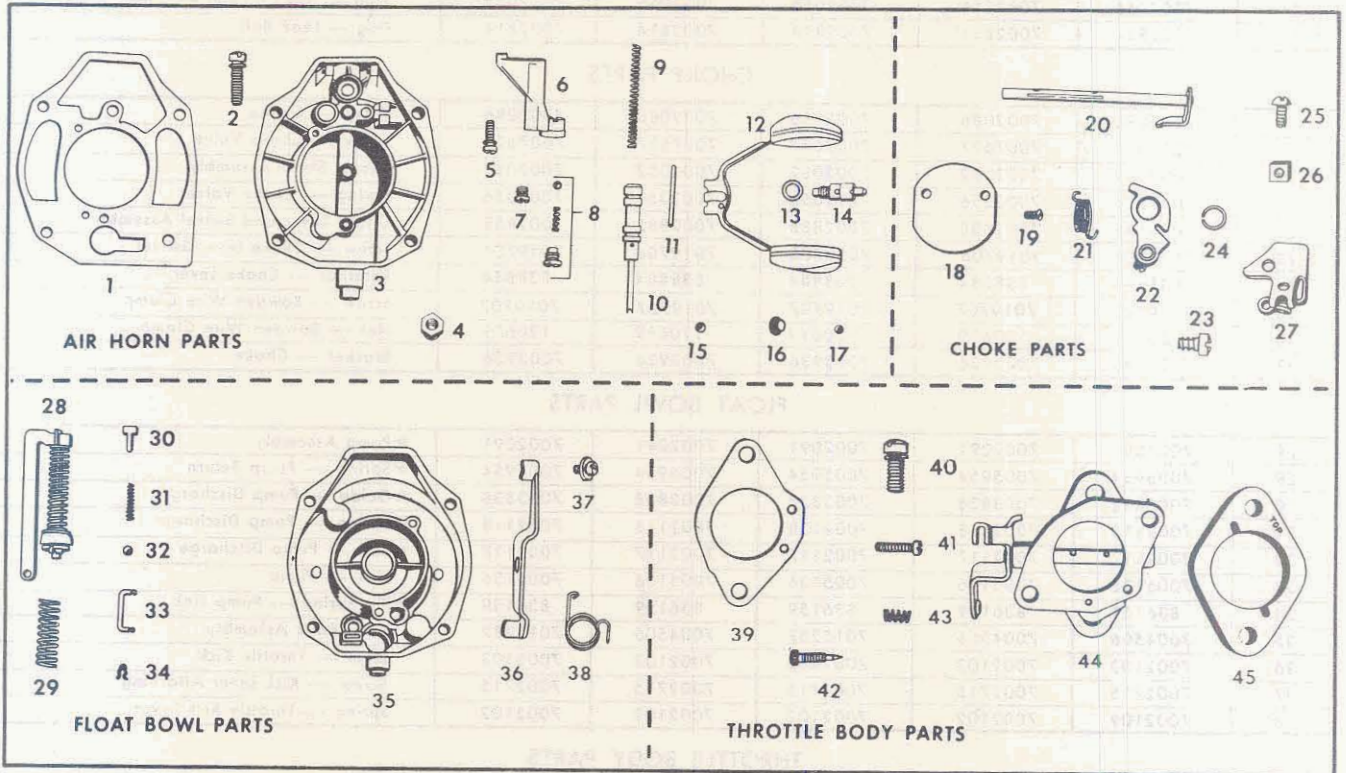
Delco Rochester

MODEL B MANUAL CHOKE CARBURETORS

1953-1962 CHEVROLET & GMC

TRUCK "6"

235 CU. IN. ENGINE



PARTS SHOWN ARE FOR IDENTIFICATION ONLY. CONSULT PARTS LIST FOR CORRECT PART NAME AND NUMBER

	1953-1958	1959	1959	1960-62		YEAR
	ALL	STANDARD	OPTION	STANDARD	OPTION	APPLICATION
	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
	7015919	7015919	7015960	7016001	7016003	REPLACEMENT PACKAGE No.
	7015964	7015964	7015964	7015964	7015964	OVERHAUL KIT
	SR-301	SR-301	SR-301	SR-301	SR-301	OK KIT
	7015965	7015965	7015965	7015965	7015965	GASKET KIT

Illus. No.	AIR HORN PARTS					
1	7004480	7004480	7004480	7004480	7004480	★Gasket — Air Horn
2	7003823	7003823	7003823	7003823	7003823	Screw — Air Horn Attaching
3	7005642	7013859	7015286	7016496	7016497	Air Horn Assembly
4	145475	145475	145475	145475	145475	Fitting — Fuel Inlet
5	7000745	7000745	7000745	7000745	7000745	Screw — Main Well Support Attaching
6	7005428	7013802	7015198	7016884	7015198	Main Well Support Assembly
7	7002958	7002956	7002943	7002655	7002943	Main Metering Jet
8	7002360	7002360	7002360	7002360	7002360	★Power Valve Assembly
9	7002366	7002366	7002366	7002366	7002366	Spring — Power Piston
10	7005601	7005601	7005601	7005601	7005601	Power Piston Assembly
11	7002081	7002081	7002081	7002081	7002081	Pin — Float Hinge
12	7002672	7002672	7002672	7002672	7002672	Float Assembly

Illustration No.	1953-1958	1959	1959	1960-62		YEAR
	ALL	STANDARD	OPTION	STANDARD	OPTION	APPLICATION
	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.

AIR HORN PARTS (Continued)						
13	7002074	7002074	7002074	7002074	7002074	★Gasket — Needle Seat
14	7002359	7002359	7002359	7002359	7002359	★Needle and Seat Assembly
15	7001637	7001637	7001637	7001637	7001637	Plug — Lead Ball — Idle Channel — Outer
16	7002055	7002055	7002055	7002055	7002055	Plug — Idle Channel — Inner
17	7002814	7002814	7002814	7002814	7002814	Plug — Lead Ball

CHOKE PARTS						
18	7002086	7002086	7002086	7002086	7002086	Valve — Choke
19	7007627	7007627	7007627	7007627	7007627	Screw — Choke Valve
20	7002082	7002082	7002082	7002082	7002082	Choke Shaft Assembly
21	7002356	7002356	7002356	7002356	7002356	Spring — Choke Valve
22	7002888	7002888	7002888	7002888	7002888	Choke Lever and Swivel Assembly
23	7019706	7019706	7019706	7019706	7019706	Screw — Choke Lever Swivel
24	838884	838884	838884	838884	838884	Retainer — Choke Lever
25	7019707	7019707	7019707	7019707	7019707	Screw — Bowden Wire Clamp
26	120619	120619	120619	120619	120619	Nut — Bowden Wire Clamp
27	7003936	7003936	7003936	7003936	7003936	Bracket — Choke

FLOAT BOWL PARTS						
28	7002091	7002091	7002091	7002091	7002091	★Pump Assembly
29	7005954	7005954	7005954	7005954	7005954	★Spring — Pump Return
30	7003838	7003838	7003838	7003838	7003838	★Guide — Pump Discharge
31	7002118	7002118	7002118	7002118	7002118	★Spring — Pump Discharge
32	7002117	7002117	7002117	7002117	7002117	★Ball — Pump Discharge
33	7005136	7005136	7005136	7005136	7005136	Link — Pump
34	836159	836159	836159	836159	836159	★Pin Spring — Pump Link
35	7004506	7004506	7015287	7004506	7015287	Float Bowl Assembly
36	7002103	7002103	7002103	7002103	7002103	Lever — Throttle Kick
37	7002715	7002715	7002715	7002715	7002715	Screw — Kick Lever Attaching
38	7002102	7002102	7002102	7002102	7002102	Spring — Throttle Kick Lever

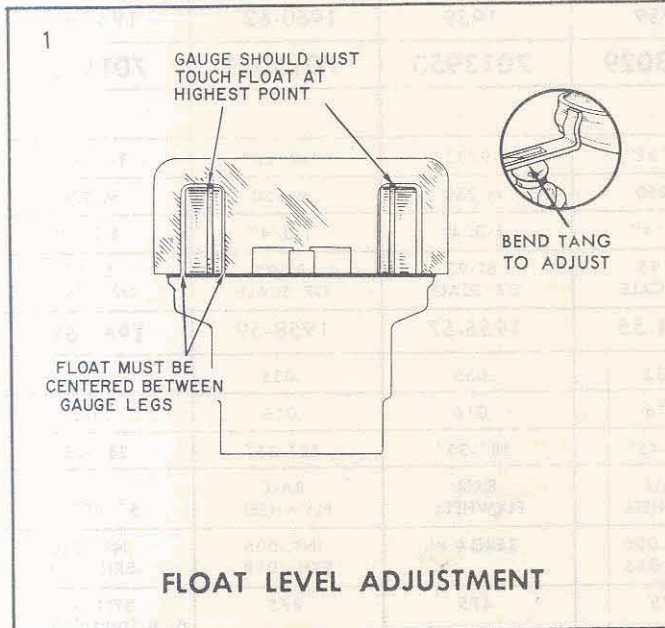
THROTTLE BODY PARTS						
39	7015367	7015367	7015367	7015367	7015367	★Gasket — Throttle Body
40	7015295	7015295	7015295	7015295	7015295	Screw — Throttle Body Attaching
—	120214	120214	120214	120214	120214	Lockwasher
41	7002121	7002121	7002121	7002121	7002121	Screw — Idle Stop
42	7002357	7002357	7002357	7002357	7002357	★Needle — Idle Adjusting
43	7003190	7003190	7003190	7003190	7003190	Spring — Idle Needle
44	7005643	7013899	7013899	7013899	7013899	Throttle Body Assembly
45	3692799	3692799	3692799	3692799	3692799	Heat Insulator

★ OVERHAUL KIT CONTENTS

Illustration No.	1953-1958	1959	1959	1960-62	YEAR	APPLICATION
1	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
2	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
3	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
4	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
5	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
6	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
7	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
8	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
9	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
10	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
11	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
12	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
13	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
14	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
15	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
16	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
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21	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
22	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
23	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
24	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
25	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
26	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
27	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
28	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
29	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
30	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
31	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
32	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
33	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
34	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
35	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
36	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
37	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
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39	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
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43	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
44	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.
45	7004468	7013029	7013953	7015011	7015021	CARBURETOR No.

MODEL B MANUAL CHOKE CARBURETORS 1953-1962 CHEVROLET & GMC

TRUCK "6" 235 CU. IN. ENGINE ADJUSTMENTS AND SPECIFICATIONS

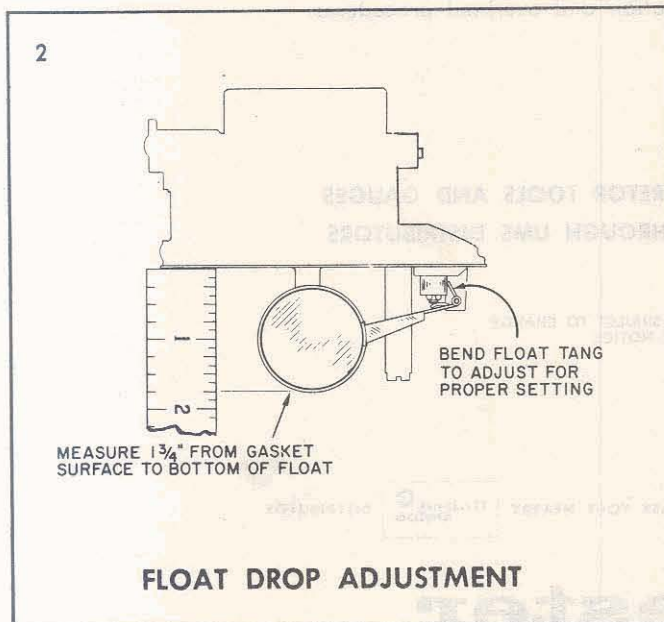


FLOAT LEVEL ADJUSTMENT

SETTING — 1-9/32", GAUGE M-250

With air horn fully assembled, air horn gasket in position and assembly inverted (Figure 1):

1. Place float level gauge, M-250, in position as shown, with gauge projection inserted in discharge nozzle.
2. Carefully bend tang on float arm vertically so that float pontoons touch top portion of gauge. If one float is higher than the other, slightly bend the float arms to bring them into alignment.
3. To prevent sides of floats from rubbing inside of bowl bend float arms horizontally so that each float is centered in the gauge.
4. Tilt assembly 90° each side and check that floats do not touch gauge.



FLOAT DROP ADJUSTMENT

SETTING — 1 3/4", GAUGE BT-93 OR SCALE

To insure sufficient entry of fuel into the bowl under high speed operation it is necessary to check and adjust the float drop as shown in Figure 2. With the air horn held upright and the floats suspended freely, carefully bend the drop tang at the rear of the float assembly so that the bottom of the float is 1 3/4" below the air horn gasket surface. Use float drop setting gauge BT-93. Install air horn assembly to bowl and tighten cover screws evenly and securely.

QUICK REFERENCE SPECIFICATIONS

YEAR	1953-58	1959	1959	1960-62	1960-62
CARBURETOR NO.	7004468	7013029	7013953	7015011	7015021
ADJUSTMENTS					
FLOAT LEVEL	1-9/32"	1-9/32"	1-9/32"	1-9/32"	1-9/32"
GAUGE	M-250	M-250	M-250	M-250	M-250
FLOAT DROP	1-3/4"	1-3/4"	1-3/4"	1-3/4"	1-3/4"
GAUGE	BT-93 OR SCALE	BT-93 OR SCALE	BT-93 OR SCALE	BT-93 OR SCALE	BT-93 OR SCALE
TUNE-UP					
SPARK PLUG GAP	.035	.035	.035	.035	.035
BREAKER POINT GAP	.016	.016	.016	.016	.016
CAM DWELL	38°-45°	38°-45°	28°-35°	28°-35°	28°-35°
IGNITION TIMING	BALL FLYWHEEL	BALL FLYWHEEL	BALL FLYWHEEL	BALL FLYWHEEL	5° BTDC
TAPPET CLEARANCE (Hot)	INT.-.006 EXH.-.013*	INT.-.006 EXH.-.016	ZERO**	INT.-.006 EXH.-.018	INT.-.006 EXH.-.018
IDLE R.P.M.	475	475	475	475	SYN.-475 Auto. Trans.-450°DR.

*.020" (HOT) FOR 1½ AND 2 TON TRUCKS
**BLUE FLAME ENGINE
THRIFT MASTER — INT. - .006 (HOT)
EXH. - .018 (HOT)

NOTE: For complete carburetor specifications, refer to 9D-1 Section of the Parts and Service Manual.

Refer to Bulletin 9D-6 for basic operation and overhaul procedures.

**COMPLETE MANUALS, CARBURETOR TOOLS AND GAUGES
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MODEL BC

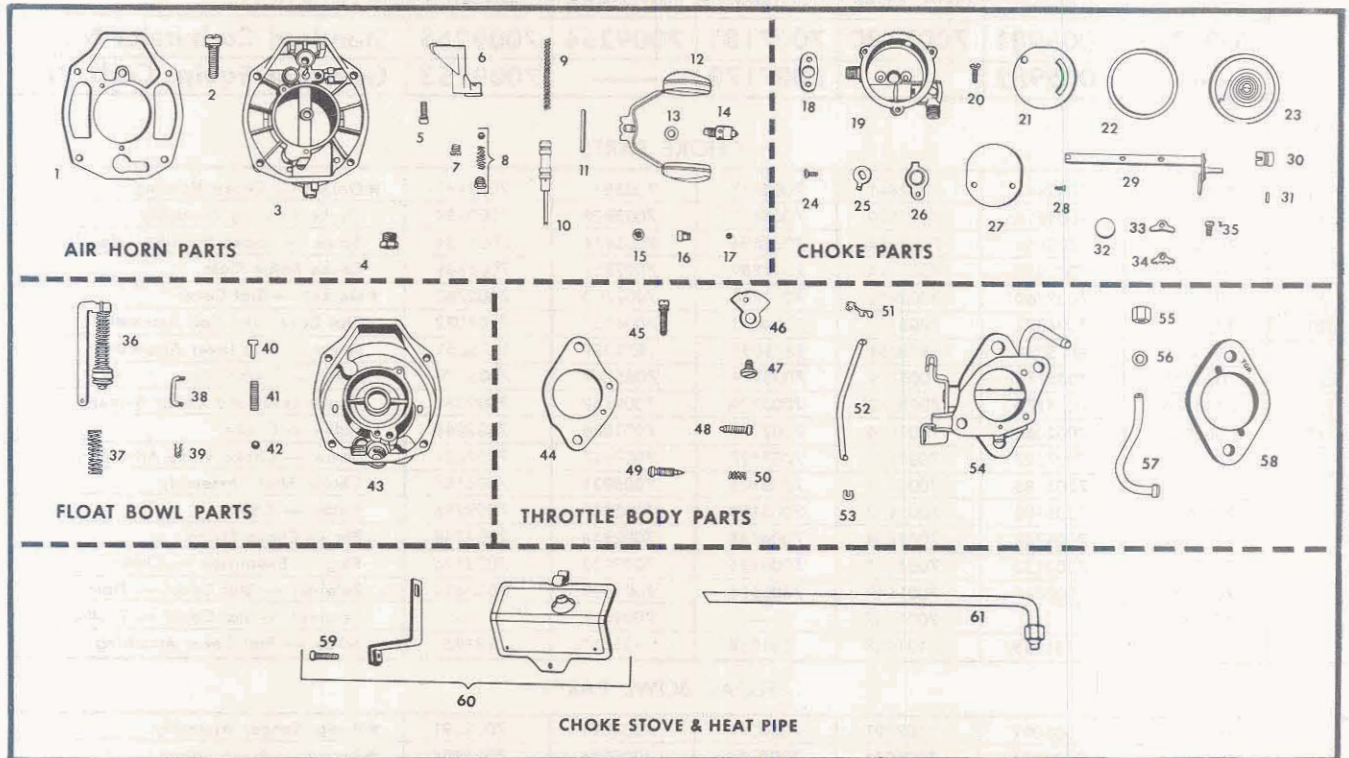
1954-56 CHEVROLET "6" PASS.

(Automatic Trans. 7009255 Service Pkg. 7009911)

235 CUBIC INCH ENGINE

1956 CHEVROLET & GMC TRUCKS A/T.

- REPLACES:
- 9C-306, 1/15/54
 - 9C-307, 1/15/54
 - 9C-309, 11/1/54
 - 9C-310, 11/1/54
 - 9C-314, 4/2/56



PARTS SHOWN ARE FOR IDENTIFICATION ONLY. CONSULT PARTS LIST FOR CORRECT PART NAME AND NUMBER

1954		1955		1956		YEAR
POWERGLIDE	SYNCR.	POWERGLIDE	SYNCR.	POWERGLIDE	SYNCR.	APPLICATION
7005922	7005921	7007180	7007181	7009254	7009255	Standard Carburetor No.
7007200	7009911	7007200	7009911	7007200	7009911	SERVICE PACKAGE No
—	7005982	—	7007172	—	7009253	Governor Equip. Carb. No.
7009311	7009311	7009311	7009311	7009311	7009311	REPAIR KIT
7004085	7004085	7004085	7004085	7004085	7004085	GASKET KIT

No. Illus.	AIR HORN PARTS						
	1954	1954	1955	1955	1956	1956	
1	7004480	7004480	7004480	7004480	7004480	7004480	★Gasket — Air Horn
2	7003823	7003823	7003823	7003823	7003823	7003823	Screw — Air Horn Attaching
3	7006122	7006122	7007982	7007982	7009505	7009505	Air Horn Assembly
4	137406	137406	137406	137406	137406	137406	Fitting — Fuel Inlet
5	7000745	7000745	7000745	7000745	7000745	7000745	Screw — Main Well Support Attaching
6	7005924	7005924	7007165	7007165	7007165	7007165	Main Well Support Assembly
7	7002958	7002958	7002958	7002958	7002958	7002958	Main Metering Jet (Standard)
8	7006121	7006121	7006121	7006121	7006121	7006121	★Power Valve Assembly
9	7002896	7002896	7002896	7002896	7002896	7002896	Spring — Power Piston
10	7005174	7005174	7005174	7005174	7005174	7005174	Piston — Power
11	7002081	7002081	7002081	7002081	7002081	7002081	Pin — Float Hinge
12	7002672	7002672	7002672	7002672	7002672	7002672	Float Assembly
13	7002074	7002074	7002074	7002074	7002074	7002074	★Gasket — Needle Seat
14	7002359	7002359	7002359	7002359	7002359	7002359	★Needle and Seat Assembly
15	7001637	7001637	7001637	7001637	7001637	7001637	Plug — Lead Ball - Idle Passage - Outer
16	7002055	7002055	7002055	7002055	7002055	7002055	Plug — Idle Passage — Inner
17	7002814	7002814	7002814	7002814	7002814	7002814	Plug — Lead Ball

★REPAIR KIT CONTENTS

	1954		1955		1956		YEAR
	POWERGLIDE	SYNCRO.	POWERGLIDE	SYNCRO.	POWERGLIDE	SYNCRO.	APPLICATION
	7005922	7005921	7007180	7007181	7009254	7009255	Standard Carburetor No.
—	7005982	—	7007172	—	7009253	Governor Equip. Carb. No.	

No. Illus.	CHOKE PARTS						
18	7002841	7002841	7002841	7002841	7002841	7002841	★Gasket — Choke Housing
19	7005929	7004618	7005929	7004618	7005929	7009284	Choke Housing Assembly
20	7005654	7005654	7005654	7005654	7005654	7005654	Screw — Choke Housing Attaching
21	7003144	7002859	7003144	7002859	7002859	7002859	Choke Baffle Plate
22	7002760	7002760	7002760	7002760	7002760	7002760	★Gasket — Stat Cover
23	7006137	7004072	7006137	7004072	7006137	7004072	Stat Cover and Coil Assembly
24	1875051	1875051	1875051	1875051	1875051	1875051	Screw — Trip Lever Attaching
25	7005179	7005179	7005179	7005179	7005179	7005179	Lever — Choke Trip
26	7005170	7005170	7005170	7005170	7009262	7009262	Choke Lever and Collar Assembly
27	7002086	7002086	7002086	7002086	7002086	7002086	Valve — Choke
28	7007627	7007627	7007627	7007627	7007627	7007627	Screw — Choke Valve Attaching
29	7005931	7005185	7005931	7005185	7005931	7005185	Choke Shaft Assembly
30	7005933	7005190	7005933	7005190	7005933	7009298	Piston — Choke
31	7002854	7004748	7002854	7004748	7002854	7004748	Pin — Choke Piston
32	7003135	7003135	7003135	7003135	7003135	7003135	Plug — Expansion — Choke
33	7001649	7000614	7001649	7000614	7001649	7000614	Retainer — Stat Cover — Plain
34	7001647	—	7001647	—	7001647	—	Retainer — Stat Cover — Toothed
35	131958	131958	131958	131958	131958	131958	Screw — Stat Cover Attaching

FLOAT BOWL PARTS

36	7002091	7002091	7002091	7002091	7002091	7002091	★Pump Plunger Assembly
37	7005954	7005954	7005954	7005954	7005954	7005954	★Spring — Pump Return
38	7005136	7005136	7005136	7005136	7005136	7005136	Link — Pump
39	836159	836159	836159	836159	836159	836159	★Pin Spring
40	7003838	7003838	7003838	7003838	7003838	7003838	★Guide — Pump Discharge Spring
41	7002118	7002118	7002118	7002118	7002118	7002118	★Spring — Pump Discharge Ball
42	7002117	7002117	7002117	7002117	7002117	7002117	★Ball — Pump Discharge
43	7004506	7004506	7004506	7004506	7004506	7004506	Float Bowl Assembly

THROTTLE BODY PARTS

44	7002156	7002156	7002156	7002156	7002156	7002156	★Gasket — Throttle Body
45	7002877	7002877	7002877	7002877	7002877	7002877	Screw — Throttle Body Attaching
46	7005938	7005178	7005938	7005178	7005938	7005178	Cam — Fast Idle
47	7003561	7003561	7003561	7003561	7003561	7003561	Screw — Cam Attaching
48	7002873	7002873	7002873	7002873	7002873	7002873	Screw — Idle Stop
49	7002357	7002357	7002357	7002357	7002357	7002357	★Needle — Idle Adjusting
50	7003190	7003190	7003190	7003190	7003190	7003190	Spring — Idle Adjusting Needle
51	7005165	7005165	7005165	7005165	7005165	7005165	★Clip — Choke Rod — Upper
52	7005172	7005172	7005172	7005172	7005172	7005172	Choke Rod
53	7005109	7005109	7005109	7005109	7005109	7005109	★Clip — Choke Rod — Lower
54	7005647		7007983		7007983		Throttle Body Assembly — Power Glide
54		7005645		7007984		7007984	Throttle Body Assembly — Synchronesh
54		7005943		7007706		7009529	Throttle Body Assy. — Gov. Equip.
55	114627	114627	114627	114627	114627	114627	Nut — Choke Suction Tube
56	7002883	7002883	7002883	7002883	7002883	7002883	★Packing — Choke Suction Tube
57	7002881	7002881	7002881	7002881	7002881	7002881	Choke Suction Tube Assembly
58	3692799	3692799	3692799	3692799	3692799	3692799	Heat Insulator

CHOKE STOVE PARTS

59	132124	132124	132124	132124	132124	132124	Screw — Choke Stove Bracket
60	7003923	7003923	7003923	7003923	7003923	7003923	Manifold Stove Assembly
61		3697882		3697882		3697882	Heat Pipe — Choke Stove

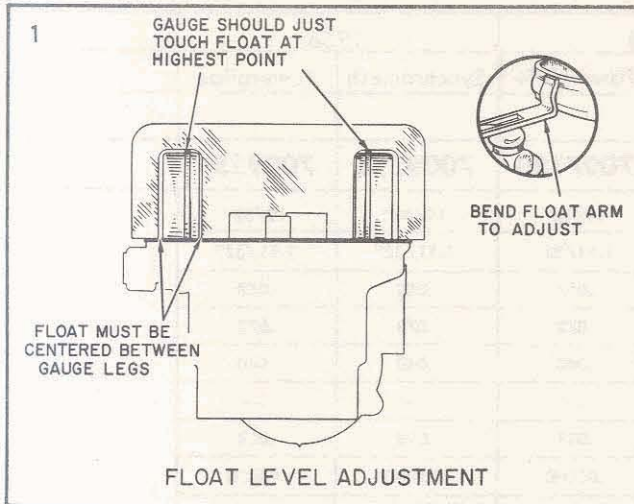
★REPAIR KIT CONTENTS



Rochester Carburetors

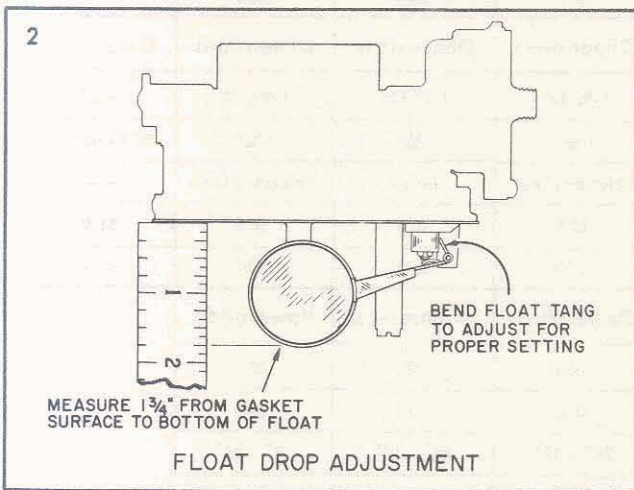
MODEL BC

1954-56 CHEVROLET "6" PASS. 1956 CHEV. & G.M.C. TRUCKS 235 CUBIC INCH ENGINE



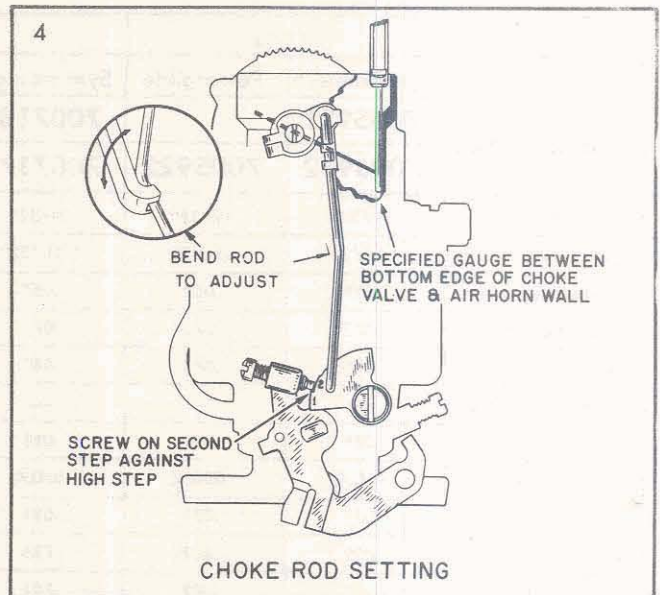
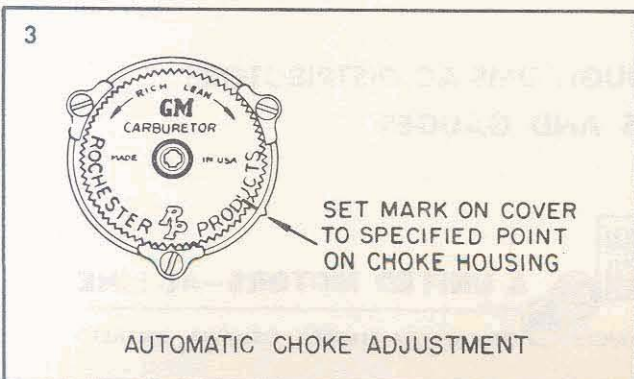
SETTING — 1-9/32", GAUGE M-250

With the air horn inverted and the gasket in place, position the Gauge M-250 over the floats with the gauge tang inserted in the discharge nozzle. Bend the float arms as necessary so that the top of each float just touches the gauge and the float is centered between the gauge legs.



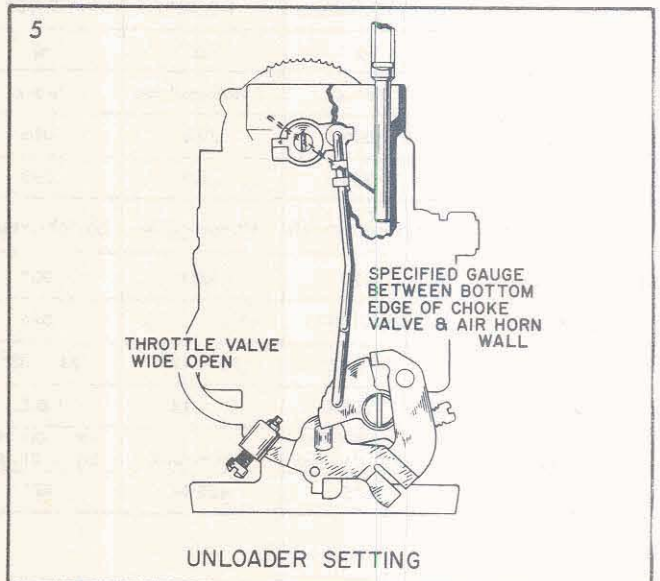
SETTING — 1 3/4", GAUGE BT-93 OR SCALE

Bend the float tang as necessary to obtain a distance of 1 3/4" from the gasket surface to the bottom of the float, with the air horn upright and the float hanging free. Measure with a Scale or Tool BT-93.



SETTING — .076", GAUGE BT-99

With the idle screw on the second step and against the high step of the fast idle cam, bend the choke rod as necessary with Tool BT-18 to obtain a clearance of .076 (Tool BT-99) between the lower edge of the choke valve and the air horn wall.



SETTING — .230", GAUGE BT-99

Bend the unloader tang on the throttle lever as necessary with Tool BT-69 to obtain a clearance of .230 (Tool BT-99) between the lower edge of the choke valve and the air horn wall, with the throttle valves wide open.

SETTING — SYNCHROMESH — INDEX
POWERGLIDE — 2 NOTCHES LEAN

Loosen the three retaining screws and rotate the choke cover clockwise against coil tension until the index mark on the cover is in the proper position with the index mark on the housing. At room temperature, the choke valves should be lightly closed.

QUICK REFERENCE SPECIFICATIONS

		1954		1955		1956		
		Synchromesh	Powerglide	Synchromesh	Powerglide	Synchromesh	Powerglide	
Carburetor No.		7005921		7007181				
		7005982	7005922	7007172	7007180	7009255	7009254	
Small Venturi		19/32"	19/32"	19/32"	19/32"	19/32"	19/32"	
Large Venturi		1-11/32"	1-11/32"	1-11/32"	1-11/32"	1-11/32"	1-11/32"	
Main Metering Jets		.058	.058	.057	.057	.058	.058	
Idle Needle Holes		.073	.073	.073	.073	.073	.073	
Discharge Holes	Sec. Lower	.040	.040	.040	.040	.040	.040	
	Middle	—	—	—	—	—	—	
	Upper	.028	.028	.028	.028	.028	.028	
Spark Drillings		.050(4)	.050(4)	.050(4)	.050(4)	.050(4)	.050(4)	
Pump Jets		.031	.031	.031	.031	.031	.031	
Power Restrictions		.039	.039	.036	.036	.036	.036	
Choke Res.	Channel	.101	.089	.101	.089	.101	.089	
	By-Pass	—	—	—	—	—	—	
Idle Tube Res.		.063	.063	.065	.065	.063	.063	
ADJUSTMENTS	Dimensions	Dimensions	Dimensions	Dimensions	Dimensions	Dimensions	Dimensions	Gauge No.
Float Level	1-9/32"	1-9/32"	1-9/32"	1-9/32"	1-9/32"	1-9/32"	1-9/32"	M-250
Float Drop	1 3/4"	1 3/4"	1 3/4"	1 3/4"	1 3/4"	1 3/4"	1 3/4"	BT-93 or Scale
Automatic Choke	Index	2 Notches Lean	Index	2 Notches Lean	Index	2 Notches Lean	2 Notches Lean	—
Choke Rod	.076	.076	.076	.076	.076	.076	.076	BT-99
Unloader	.230	.230	.230	.230	.230	.230	.230	BT-99
TUNE-UP	Synchromesh	Powerglide	Synchromesh	Powerglide	Synchromesh	Powerglide	Powerglide	
Spark Plug Gap	.035	.035	.035	.035	.035	.035	.035	
Breaker Point Gap	.0125 - .0175	.0125 - .0175	.016	.016	.016	.016	.016	
Cam Dwell	38° - 42°	38° - 42°	26° - 33°	26° - 33°	28° - 35°	28° - 35°	28° - 35°	
Ignition Timing	2° A.T.C.	2° A.T.C.	T.D.C.	T.D.C.	T.D.C.	T.D.C.	T.D.C.	
Tappet Clearance	Int. - .006 Hot Exh. - .013 Hot	HYDRAULIC	Int. - .006 Hot Exh. - .013 Hot	HYDRAULIC	HYDRAULIC	HYDRAULIC	HYDRAULIC	
Idle R.P.M.	475	425 Dr.	475	425 Dr.	475	425 Dr.	425 Dr.	

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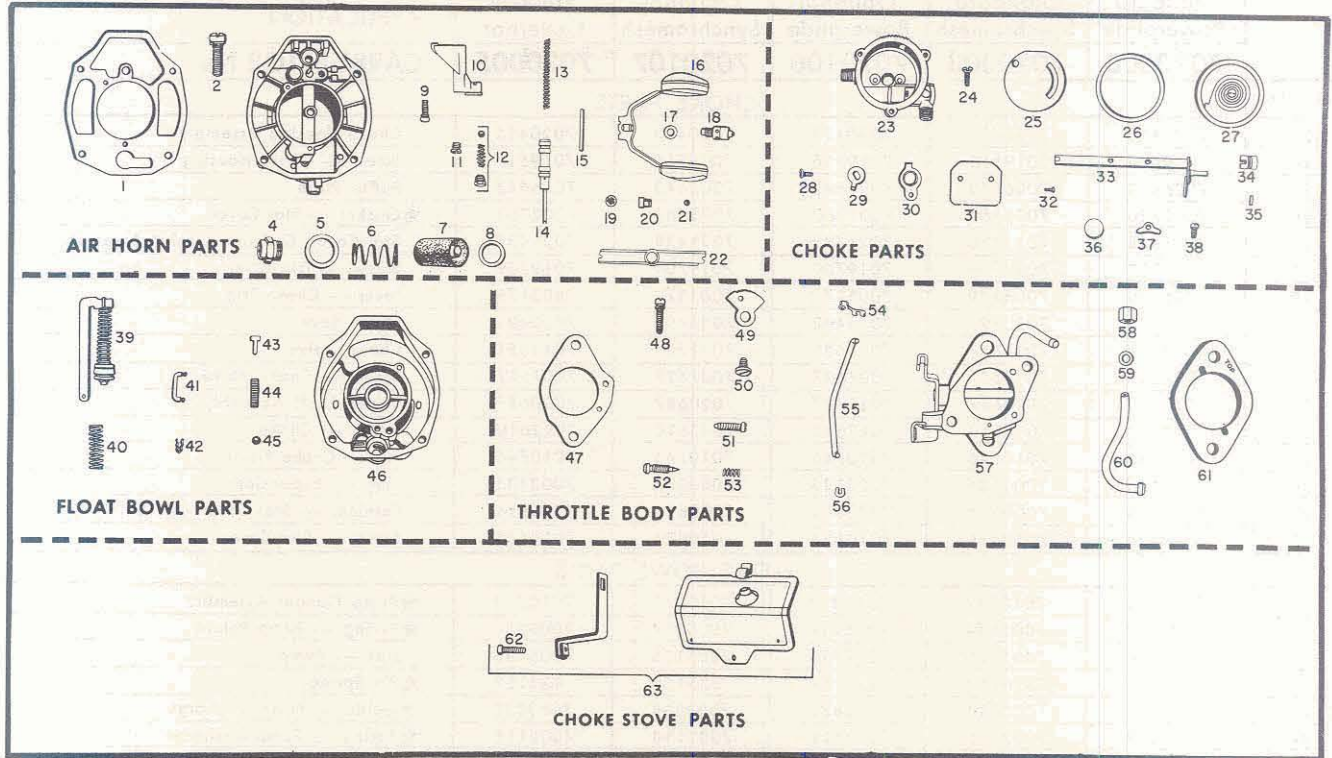
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UNITED MOTORS SERVICE—AC DIVISION, GENERAL MOTORS PRODUCTS OF CANADA LIMITED, OSHAWA, ONTARIO

MODEL BC CARBURETORS 1962 CHEVROLET "6" PASSENGER 235 Cubic Inch Engine



PARTS SHOWN ARE FOR IDENTIFICATION ONLY. CONSULT PARTS LIST FOR CORRECT PART NAME AND NUMBER

	Standard Powerglide	Standard Synchronmesh	Optional Powerglide	Optional Synchronmesh	Velocity Governor	APPLICATION
	7020000	7020003	7020106	7020107	7020005	CARBURETOR No.
	7016202	7016203	7016204	7016204	—	REPLACEMENT PKG. No.
	7015936	7015936	7015976	7015976	7015936	OVERHAUL KIT
	SR-302	SR-302	SR-302	SR-302	SR-302	OK KIT
	7015966	7015966	7015966	7015966	7015966	GASKET KIT
Illus. No	AIR HORN PARTS					
1	7010073	7010073	7010073	7010073	7010073	★Gasket — Air Horn
2	7003823	7003823	7003823	7003823	7003823	Screw — Air Horn Attaching
3	7021883	7021884	7015398	7015398	7021884	Air Horn Assembly
4	7013525	7013525	7013525	7013525	7013525	Filter Nut — Fuel Inlet
5	7010010	7010010	7010010	7010010	7010010	★Gasket — Filter Nut
6	7010007	7010007	7010007	7010007	7010007	Spring — Fuel Filter
7	7013404	7013404	7013404	7013404	7013404	Filter — Fuel Inlet
8	7013584	7013584	7013584	7013584	7013584	★Gasket — Fuel Filter
9	7000745	7000745	7000745	7000745	7000745	Screw — Main Well Support
10	7021861	7021862	7015291	7015291	7021862	Main Well Support Assembly
11	7002955	7002956	7002642	7002642	7002956	Main Metering Jet (Standard)
12	7006121	7006121	7002360	7002360	7006121	★Power Valve Assembly
13	7002366	7002366	7002366	7002366	7002366	Spring — Power Piston
14	7010002	7010002	7010002	7010002	7010002	Piston — Power
15	7002081	7002081	7002081	7002081	7002081	Pin — Float Hinge
16	7002672	7002672	7002672	7002672	7002672	Float Assembly
17	7002074	7002074	7002074	7002074	7002074	★Gasket — Needle Seat
18	7002359	7002359	7002359	7002359	7002359	★Needle and Seat Assembly
19	7001637	7001637	7001637	7001637	7001637	Plug — Lead Ball — Idle Passage—Outer
20	7002055	7002055	7002055	7002055	7002055	Plug — Idle Passage — Inner
21	7002814	7002814	7002814	7002814	7002814	Plug — Lead Ball
22	7010001	7010001	7010001	7010001	7010001	Bracket — Air Cleaner Stud

	Standard Powerglide	Standard Synchronmesh	Optional Powerglide	Optional Synchronmesh	Velocity Governor	APPLICATION
	7020000	7020003	7020106	7020107	7020005	CARBURETOR No.
Illus. No.	CHOKE PARTS					
23	7020413	7020413	7020413	7020413	7020413	Choke Housing Assembly
24	7019516	7019516	7019516	7019516	7019516	Screw — Choke Housing
25	7006643	7006643	7006643	7006643	7006643	Baffle Plate
26	7002760	7002760	7002760	7002760	7002760	★Gasket — Stat Cover
27	7021438	7021438	7021438	7021438	7021438	Stat Cover, Coil and Gasket Assembly
28	7019709	7019709	7019709	7019709	7019709	Screw — Trip Lever
29	7005179	7005179	7005179	7005179	7005179	Lever — Choke Trip
30	7020492	7020492	7020492	7020492	7020492	Choke Lever
31	7011651	7011651	7011651	7011651	7011651	Choke Valve
32	7007627	7007627	7007627	7007627	7007627	Screw — Choke Valve
33	7020687	7020687	7020687	7020687	7020687	Choke Shaft Assembly
34	7012610	7012610	7012610	7012610	7012610	Piston — Choke
35	7010746	7010746	7010746	7010746	7010746	Pin — Choke Piston
36	7003135	7003135	7003135	7003135	7003135	Plug — Expansion
37	7000614	7000614	7000614	7000614	7000614	Retainer — Stat Cover — Plain
38	7010424	7010424	7010424	7010424	7010424	Screw — Stat Cover
	FLOAT BOWL PARTS					
39	7010012	7010012	7010012	7010012	7010012	★Pump Plunger Assembly
40	7005954	7005954	7005954	7005954	7005954	★Spring — Pump Return
41	7005136	7005136	7005136	7005136	7005136	Link — Pump
42	836159	836159	836159	836159	836159	★Pin Spring
43	7003838	7003838	7003838	7003838	7003838	★Guide — Pump Discharge
44	7002118	7002118	7002118	7002118	7002118	★Spring — Pump Discharge
45	7002117	7002117	7002117	7002117	7002117	★Ball — Pump Discharge
46	7004506	7004506	7015287	7015287	7004506	Float Bowl Assembly
	THROTTLE BODY PARTS					
47	7015367	7015367	7015367	7015367	7015367	★Gasket — Throttle Body
48	7015365	7015365	7015365	7015365	7015365	Screw — Throttle Body
49	7005178	7005178	7005178	7005178	7005178	Cam — Fast Idle
50	7003561	7003561	7003561	7003561	7003561	Screw — Cam Attaching
51	7013347	7013347	7013347	7013347	7013347	Screw — Idle Stop
52	7002357	7002357	7002357	7002357	7002357	★Needle — Idle Adjusting
53	7003190	7003190	7003190	7003190	7003190	Spring — Idle Needle
54	7005165	7005165	7005165	7005165	7005165	★Clip — Choke Rod — Upper
55	7010018	7010018	7010018	7010018	7010018	Choke Rod
56	7005109	7005109	7005109	7005109	7005109	★Clip — Choke Rod — Lower
57	7021439	7021439	7021439	7021439	7020472	Throttle Body Assembly
58	7012002	7012002	7012002	7012002	7012002	Nut — Choke Suction Tube
59	7002883	7002883	7002883	7002883	7002883	★Packing — Choke Suction Tube
60	7020421	7020421	7020421	7020421	7020421	Choke Suction Tube Assembly
61	3789903	3789903	3789903	3789903	3789903	Heat Insulator
	CHOKE STOVE PARTS					
62	7010422	7010422	7010422	7010422	7010422	Screw — Choke Stove Bracket
63	7003923	7003923	7003923	7003923	7003923	Manifold Stove Kit

★ OVERHAUL KIT CONTENTS

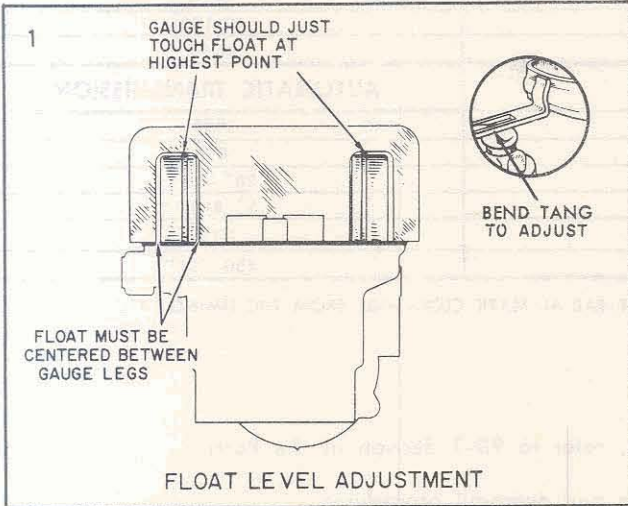


Delco Rochester

MODEL BC CARBURETORS

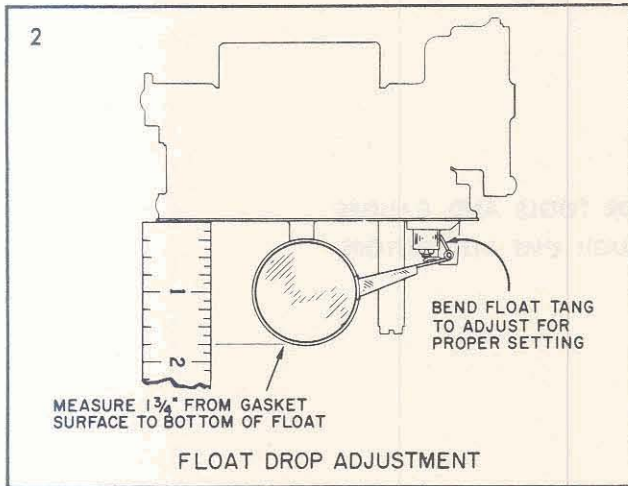
1962 CHEVROLET '6" PASSENGER

235 CUBIC INCH ENGINE ADJUSTMENTS AND SPECIFICATIONS



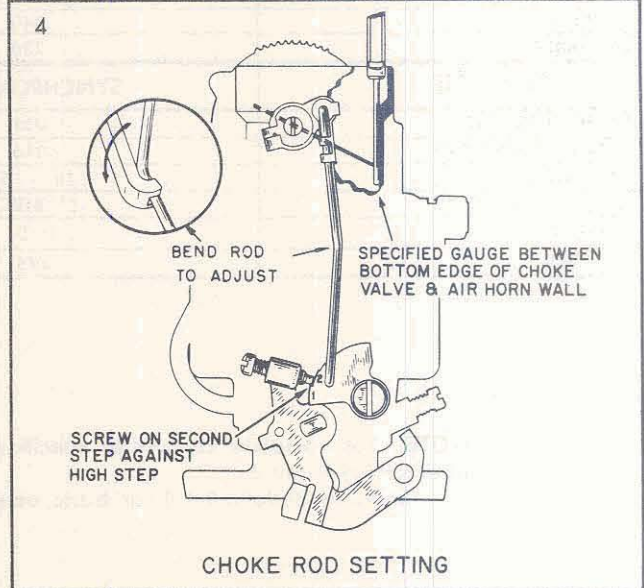
SETTING — 1-9/32", GAUGE M-250

With the air horn inverted and the gasket in place, position the Gauge M-250 over the floats with the gauge tang inserted in the discharge nozzle. Bend the tang on float arm as necessary so that the top of each float just touches the gauge and the float is centered between the gauge legs.



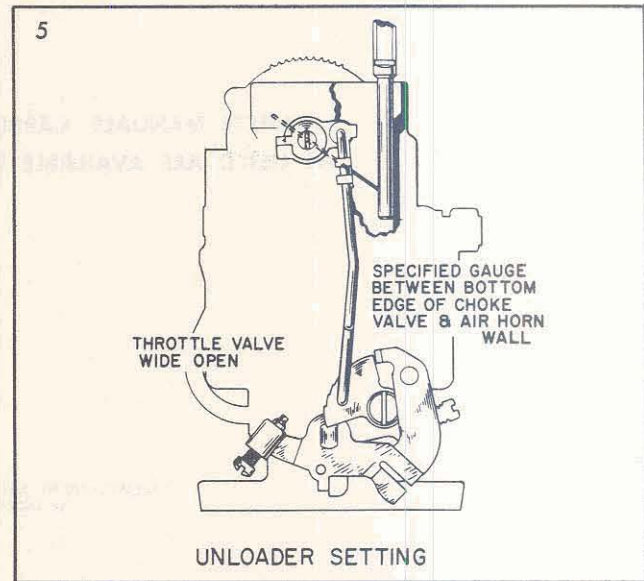
SETTING — 1 3/4", GAUGE BT-93 OR SCALE

Bend the float tang as necessary to obtain a distance of 1 3/4" from the gasket surface to the bottom of the float, with the air horn upright and the float hanging free. Measure with a Scale or Tool BT-93.



SETTING — .040", GAUGE BT-102

With the idle screw on the second step and against the high step of the fast idle cam, bend the choke rod as necessary with Tool BT-18 to obtain a clearance of .040" between the lower edge of the choke valve and the air horn wall.



SETTING — .230", GAUGE BT-99

Bend the unloader tang on the throttle lever as necessary with Tool BT-69 to obtain a clearance of .230" between the lower edge of the choke valve and the air horn wall, with the throttle valves wide open.

INDEX

Loosen the three-retaining screws and rotate the choke cover clockwise against coil tension until the index mark on the cover is in the proper position with the index mark on the housing. At room temperature, the choke valves should be lightly closed.

QUICK REFERENCE SPECIFICATIONS

ADJUSTMENTS	DIMENSIONS	GAUGE NO.
FLOAT LEVEL	1-9/32"	M-250
FLOAT DROP	1-3/4"	BT-93
AUTOMATIC CHOKE	INDEX	—
CHOKE ROD	.040	BT-102
UNLOADER	.230	BT-99
TUNE-UP	SYNCHROMESH	AUTOMATIC TRANSMISSION
SPARK PLUG GAP	.035	.035
BREAKER POINT GAP	.016	.016
CAM DWELL	28° - 35°	28° - 35°
IGNITION TIMING	5° BTDC *	5° BTDC *
TAPPET CLEARANCE	HYD.	HYD.
IDLE RPM	475	450 "DR"

* FIRST RADIAL MARK CLOCKWISE FROM TDC TIMING BALL

NOTE: For complete carburetor specifications, refer to 9D-1 Section of the Parts and Service Manual.

Refer to Bulletin 9D-8 for basic operation and overhaul procedures.

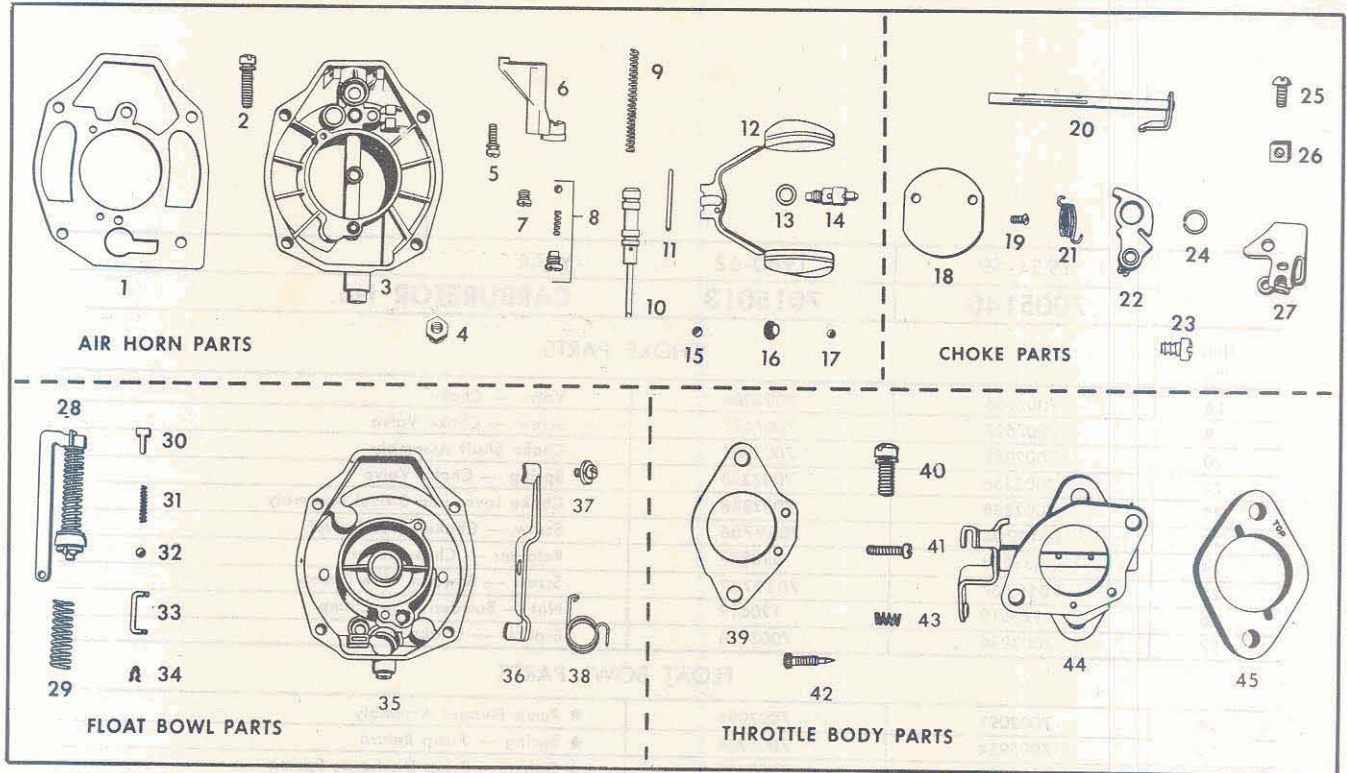
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SPECIFICATIONS ARE SUBJECT TO CHANGE
WITHOUT NOTICE

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MODEL B MANUAL CHOKE CARBURETORS 1954-1962 CHEVROLET & GMC TRUCK "6" 261 CU. IN. ENGINE



PARTS SHOWN ARE FOR IDENTIFICATION ONLY. CONSULT PARTS LIST FOR CORRECT PART NAME AND NUMBER

	1954-59	1960-62	YEAR
	7005140	7015013	CARBURETOR No.
	7005140	7016004	REPLACEMENT PACKAGE No.
	7015964	7015964	OVERHAUL KIT
	SR-301	SR-301	OK KIT
	7015965	7015965	GASKET KIT
Illus. No.	AIR HORN PARTS		
1	7004480	7004480	★ Gasket—Air Horn
2	7003823	7003823	Screw — Air Horn Attaching
3	7006124	7016498	Air Horn Assembly
4	145475	145475	Fitting — Fuel Inlet
5	7000745	7000745	Screw — Well Support Attaching
6	7005597	7016883	Main Well Support Assembly
7	7002965	7002964	Main Metering Jet
8	7002360	7002360	★ Power Valve Assembly
9	7002366	7002366	Spring — Power Piston
10	7005601	7005601	Power Piston Assembly
11	7002081	7002081	Pin — Float Hinge
12	7002672	7002672	Float Assembly
13	7002074	7002074	★ Gasket — Needle Seat
14	7002359	7002359	★ Needle and Seat Assembly
15	7001637	7001637	Plug — Lead Ball — Idle Channel — Outer
16	7002055	7002055	Plug — Idle Channel — Inner
17	7002814	7002814	Plug — Lead Ball

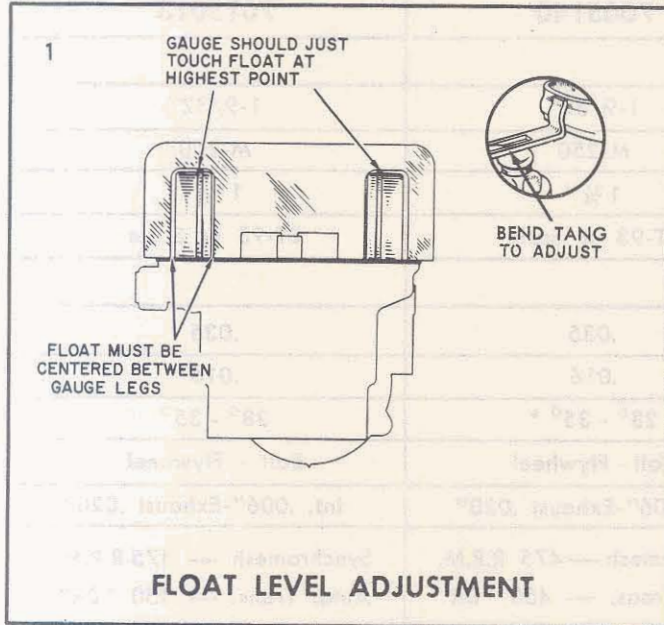
★ OVERHAUL KIT CONTENTS

Illus. No.	1954-59	1960-62	YEAR
	7005140	7015013	CARBURETOR No.
CHOKE PARTS			
18	7002086	7002086	Valve — Choke
19	7007627	7007627	Screw — Choke Valve
20	7002082	7002082	Choke Shaft Assembly
21	7002356	7002356	Spring — Choke Valve
22	7002888	7002888	Choke Lever and Swivel Assembly
23	7019706	7019706	Screw — Choke Lever Swivel
24	838884	838884	Retainer — Choke Lever
25	7019707	7019707	Screw — Bowden Wire Clamp
26	120619	120619	Nut — Bowden Wire Clamp
27	7003936	7003936	Bracket — Choke
FLOAT BOWL PARTS			
28	7002091	7002091	★ Pump Plunger Assembly
29	7005954	7005954	★ Spring — Pump Return
30	7003838	7003838	★ Guide — Pump Discharge Spring
31	7002118	7002118	★ Spring — Pump, Discharge Ball
32	7002117	7002117	★ Ball — Pump Discharge
33	7005136	7005136	Link — Pump
34	836159	836159	★ Pin Spring
35	7006125	7006125	Float Bowl Assembly
36	7002103	7002103	Lever — Throttle Kick
37	7002715	7002715	Screw — Kick Lever Attaching
38	7002102	7002102	Spring — Throttle Kick Lever
THROTTLE BODY PARTS			
39	7015367	7015367	★ Gasket — Throttle Body
40	7015364	7015364	Screw — Throttle Body Attaching
41	7002121	7002121	Screw — Idle Stop
42	7002357	7002357	★ Needle — Idle Adjusting
43	7003190	7003190	★ Spring — Idle Adjusting Needle
44	7006144	7006144	Throttle Body Assembly
45	3692799	3692799	Heat Insulator

★ OVERHAUL KIT CONTENTS

MODEL B MANUAL CHOKE CARBURETORS 1954-1962 CHEVROLET & GMC TRUCK "6" 261 CU. IN. ENGINE

ADJUSTMENTS AND SPECIFICATIONS

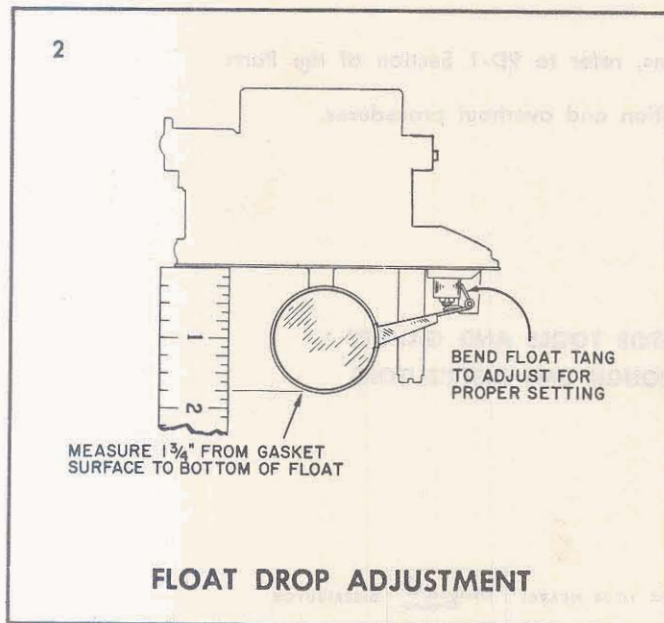


FLOAT LEVEL ADJUSTMENT

SETTING — 1-9/32", GAUGE M-250

With air horn fully assembled, air horn gasket in position and assembly inverted (Figure 1):

1. Place float level gauge, M-250, in position as shown, with gauge projection inserted in discharge nozzle.
2. Carefully bend tang on float arm vertically so that float pontoons touch top portion of gauge. If one float is higher than the other, slightly bend the float arms to bring them into alignment.
3. To prevent sides of floats from rubbing inside of bowl bend float arms horizontally so that each float is centered in the gauge.
4. Tilt assembly 90° each side and check that floats do not touch gauge.



FLOAT DROP ADJUSTMENT

SETTING — 1 3/4", GAUGE BT-93 OR SCALE

To insure sufficient entry of fuel into the bowl under high speed operation it is necessary to check and adjust the float drop as shown in Figure 2. With the air horn held upright and the floats suspended freely, carefully bend the drop tang at the rear of the float assembly so that the bottom of the float is 1 3/4" below the air horn gasket surface. Use float drop setting gauge BT-93. Install air horn assembly to bowl and tighten cover screws evenly and securely.

QUICK REFERENCE SPECIFICATIONS

YEAR	1954-59	1960 -62
CARBURETOR No.	7005140	7015013
ADJUSTMENTS		
Float Leved	1-9/32"	1-9/32"
Gauge	M-250	M-250
Float Drop	1 3/4"	1 3/4"
Gauge	BT-93 or Scale	BT-93 or Scale
TUNE-UP		
Spark Plug Gap	.035	.035
Breaker Point Gap	.016	.016
Cam Dwell	28° - 35° *	28° - 35°
Ignition Timing	Ball - Flywheel	Ball - Flywheel
Tapet Clearance (Hot)	Int. .006"-Exhaust .020"	Int. .006"-Exhaust .020"
Idle R.P.M.	Synchromesh — 475 R.P.M. Auto. Trans. — 450 "DR"	Synchromesh — 475 R.P.M. Auto. Trans. — 450 "DR"

* 1954 — Set 38° - 45°

NOTE: For complete carburetor specifications, refer to 9D-1 Section of the Parts and Service Manual.

Refer to Bulletin 9D-6 for basic operation and overhaul procedures.

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MODEL BV CARBURETORS

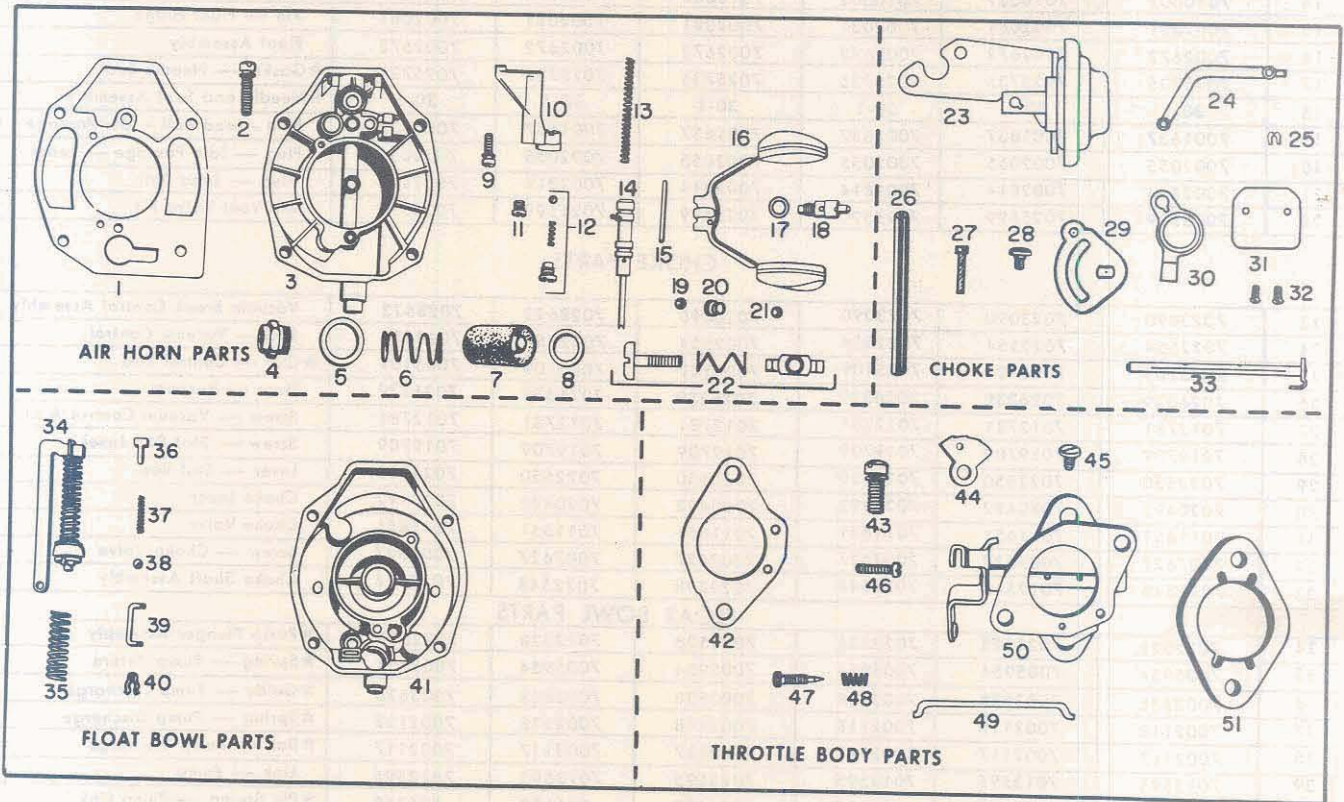
1963-64 CHEVROLET "6"

PASSENGER

230 CUBIC INCH ENGINE

BULLETIN 9C-309
 DATE: OCTOBER, 1963
 PAGE 1
 REPLACES ALL PAGES OF
 9C-309, OCT., 1962

FOR SPECIFICATIONS SEE BULLETIN 9 CH-1 FOR ADJUSTMENTS SEE BULLETIN 9 CH-2



PARTS SHOWN ARE FOR IDENTIFICATION ONLY. CONSULT PARTS LIST FOR CORRECT PART NAME AND NUMBER

1963-64	1963-64	1963-64	1963-64	1964	1964	YEAR
STANDARD POWERGLIDE	STANDARD SYNCHROMESH	OPTIONAL POWERGLIDE	OPTIONAL SYNCHROMESH	CHEVELLE POWERGLIDE	CHEVELLE SYNCHROMESH	APPLICATION
7023000	7023003	7023004	7023005	7024000	7024001	CARBURETOR No.
21-324	21-325	21-326	21-327	21-324	21-325	REPLACEMENT PACKAGE No.
7016458	7016458	7016458	7016458	7016458	7016458	OVERHAUL KIT
VSR-309A	VSR-309A	VSR-309A	VSR-309A	VSR-309A	VSR-309A	OK KIT
40-281	40-281	40-281	40-281	40-281	40-281	GASKET SET

Illus. No.	AIR HORN PARTS						
1	7010073	7010073	7010073	7010073	7010073	7010073	★Gasket — Air Horn
2	7003823	7003823	7003823	7003823	7003823	7003823	Screw — Air Horn
3	7024992	7024993	7024994	7024995	(See Note)	(See Note)	Air Horn Assembly
4	7013525	7013525	7013525	7013525	7013525	7013525	Filter Nut — Fuel Inlet
5	7010010	7010010	7010010	7010010	7010010	7010010	★Gasket — Filter Nut
6	7010007	7010007	7010007	7010007	7010007	7010007	Spring Fuel Inlet
7	7013404	7013404	7013404	7013404	7013404	7013404	Filter — Fuel Inlet
8	7013584	7013584	7013584	7013584	7013584	7013584	★Gasket — Fuel Filter
9	7000745	7000745	7000745	7000745	7000745	7000745	Screw — Main Well Support
10	7025542	7025543	7025544	7025545	7027895	7028618	Main Well Support Assembly
11	7002959	7002660	7002643	7002644	7008670	7008672	Jet — Standard
12	7025463	7025463	7025463	7025463	7026961	7026961	★Power Valve Assembly

CO, WD, 131, 132:16, 9X, 9FR, 9FD

★ OVERHAUL KIT CONTENTS

NOTE: REPLACE WITH COMPLETE SERVICE REPLACEMENT PACKAGE

1963-64				1964		YEAR
STANDARD POWERGLIDE	STANDARD SYNCHROMESH	OPTIONAL POWERGLIDE	OPTIONAL SYNCHROMESH	CHEVELLE POWERGLIDE	CHEVELLE SYNCHROMESH	APPLICATION
7023000	7023003	7023004	7023005	7024000	7024001	CARBURETOR No.

Illus. No.

AIR HORN PARTS (cont'd)

13	7002896	7002896	7002366	7002366	7002896	7002896	Spring — Power Piston
14	7010002	7010002	7010002	7010002	7010002	7010002	Power Piston Assembly
15	7002081	7002081	7002081	7002081	7002081	7002081	Pin — Float Hinge
16	7002672	7002672	7002672	7002672	7002672	7002672	Float Assembly
17	7025735	7025735	7025735	7025735	7025735	7025735	★Gasket — Needle Seat
18	30-1	30-1	30-1	30-1	30-1	30-1	★Needle and Seat Assembly
19	7001637	7001637	7001637	7001637	7001637	7001637	Plug - Lead Ball - Idle Passage - Outer
20	7002055	7002055	7002055	7002055	7002055	7002055	Plug — Idle Passage — Inner
21	7002814	7002814	7002814	7002814	7002814	7002814	Plug — Lead Ball
22	7025599	7025599	7025599	7025599	7025599	7025599	Idle Vent Valve Kit

CHOKE PARTS

23	7023090	7023090	7023090	7023090	7028622	7028622	Vacuum Break Control Assembly
24	7022554	7022554	7022554	7022554	7022554	7022554	Rod — Vacuum Control
25	7005109	7005109	7005109	7005109	7005109	7005109	★Clip — Control Rod
26	7026339	7026339	7026339	7026339	7026339	7026339	Hose — Vacuum
27	7012781	7012781	7012781	7012781	7012781	7012781	Screw — Vacuum Control Attaching
28	7019709	7019709	7019709	7019709	7019709	7019709	Screw — Stat Rod Lever
29	7022550	7022550	7022550	7022550	7022550	7022550	Lever — Stat Rod
30	7020492	7020492	7020492	7020492	7020492	7020492	Choke Lever
31	7011651	7011651	7011651	7011651	7011651	7011651	Choke Valve
32	7007627	7007627	7007627	7007627	7007627	7007627	Screw — Choke Valve
33	7022548	7022548	7022548	7022548	7022548	7022548	Choke Shaft Assembly

FLOAT BOWL PARTS

34	7022528	7022528	7022528	7022528	7022528	7022528	★Pump Plunger Assembly
35	7005954	7005954	7005954	7005954	7005954	7005954	★Spring — Pump Return
36	7003838	7003838	7003838	7003838	7003838	7003838	★Guide — Pump Discharge
37	7002118	7002118	7002118	7002118	7002118	7002118	★Spring — Pump Discharge
38	7002117	7002117	7002117	7002117	7002117	7002117	★Ball — Pump Discharge
39	7013595	7013595	7013595	7013595	7013595	7013595	Link — Pump
40	836159	836159	836159	836159	836159	836159	★Pin Spring — Pump Link
41	7021778	7021778	7015287	7015287	(See Note)	(See Note)	Float Bowl Assembly

THROTTLE BODY PARTS

42	7025560	7025560	7025560	7025560	7025531	7025531	★Gasket — Throttle Body
43	7015365	7015365	7015365	7015365	7015365	7015365	Screw — Throttle Body
44	7025345	7025346	7025345	7025346	7027850	7025346	Cam — Fast Idle
45	7003561	7003561	7003561	7003561	7003561	7003561	Screw — Cam Attaching
46	7013347	7013347	7013347	7013347	7013347	7013347	Screw — Idle Stop
47	7001669	7001669	7001669	7001669	7001669	7001669	★Needle — Idle Adjusting
48	7003190	7003190	7003190	7003190	7001666	7001666	Spring — Idle Needle
49	7025347	7025347	7025347	7025347	7025347	7025347	Choke Rod
50	7024996	7025608	7024996	7025608	See Note	See Note	Throttle Body Assembly
51	3828267	3828267	3828267	3828267	3828267	3828267	★Gasket — Flange

IDLE SPEED-UP CONTROL PARTS
(Air Conditioned Cars)

7020986	Idle Speed-up Control Assembly
7022237	Diaphragm and Bracket Assembly
7022545	Solenoid Kit
7003234	Contact Screw

★ OVERHAUL KIT CONTENTS

NOTE: REPLACE WITH COMPLETE SERVICE REPLACEMENT PACKAGE

Delco Rochester

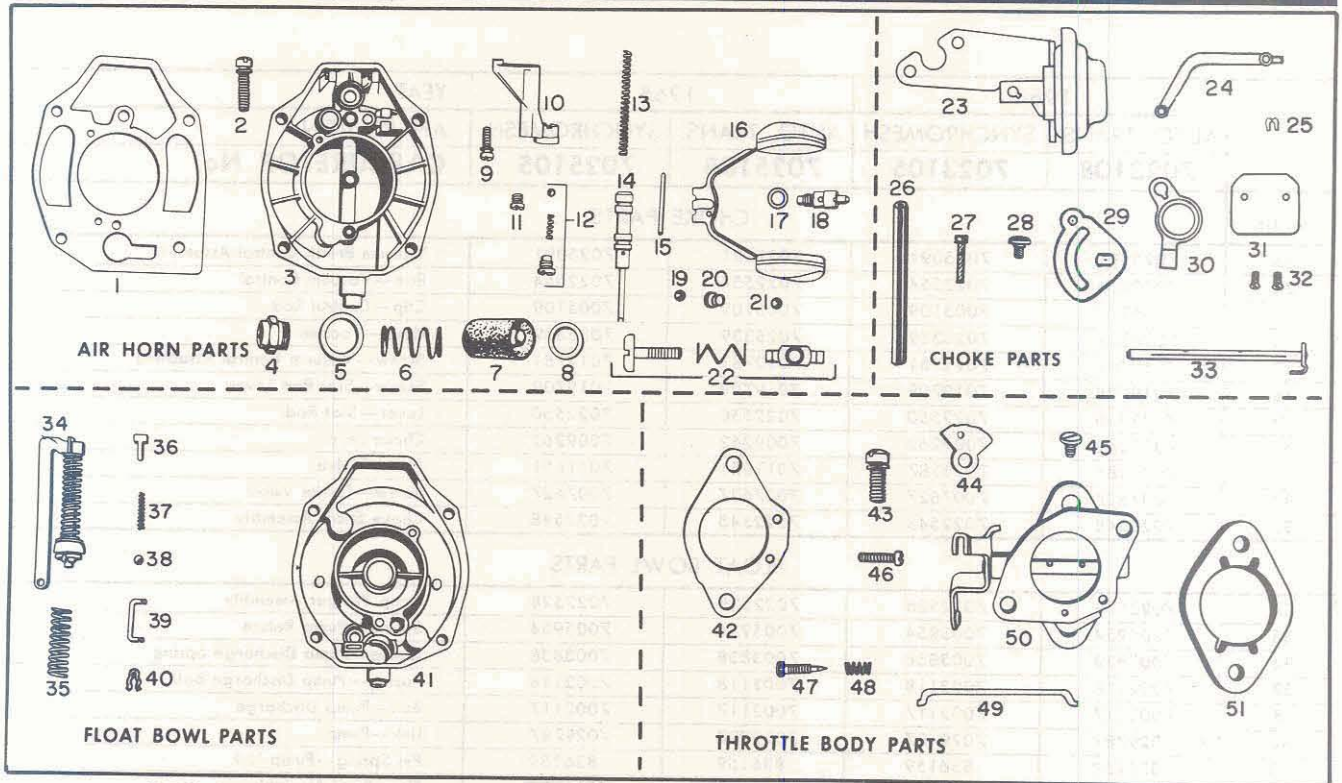
MODEL BV CARBURETORS

1963-65 CHEVY II, CHEVELLE "6" PASSENGER

194 CUBIC INCH ENGINE

BULLETIN 9C-310
DATE: NOVEMBER, 1964
PAGE 1
REPLACES: 9C-310,
DATED: OCT., 1963

FOR SPECIFICATIONS SEE BULLETIN 9 CH-1 FOR ADJUSTMENTS SEE BULLETIN 9 CH-2



PARTS SHOWN ARE FOR IDENTIFICATION ONLY. CONSULT PARTS LIST FOR CORRECT PART NAME AND NUMBER

1963-1964		1965		YEAR
AUTO. TRANS.	SYNCHROMESH	AUTO. TRANS.	SYNCHROMESH	APPLICATION
7023108	7023105	7025108	7025105	CARBURETOR No.
21-328	21-329	21-328A	21-329A	REPLACEMENT CARBURETOR No.
7016458	7016458	7016458	7016458	OVERHAUL KIT
VSR-309A	VSR-309A	VSR-309A	VSR-309A	OK KIT
40-281	40-281	40-281	40-281	GASKET SET

Illus. No.	AIR HORN PARTS				Description
1	7026514	7026514	7026514	7026514	Gasket—Air Horn
2	7003823	7003823	7003823	7003823	Screw—Air Horn Attaching
3	7029754	7029753	7029754	7029753	Air Horn Assembly
4	7013525	7013525	7013525	7013525	Filter Nut
5	7010010	7010010	7010010	7010010	Gasket—Filter Nut
6	7010007	7010007	7010007	7010007	Spring—Power Filter
7	7013404	7013404	7013404	7013404	Filter—Fuel Inlet
8	7013584	7013584	7013584	7013584	Gasket—Fuel Filter
9	7000745	7000745	7000745	7000745	Screw—Well Support Attaching
10	7025547	7025546	7025547	7025546	Main Well Support Assembly
11	7002659	7002660	7002659	7002660	Main Metering Jet
12	7026961	7026961	7026961	7026961	Power Valve Assembly
13	7002366	7002366	7002366	7002366	Spring—Power Piston
14	7010002	7010002	7010002	7010002	Power Piston Assembly
15	7002081	7002081	7002081	7002081	Pin—Float Hinge
16	7002672	7002672	7002672	7002672	Float Assembly
17	7025735	7025735	7025735	7025735	Gasket—Needle Seat
18	30-1	30-1	30-1	30-1	Needle and Seat Assembly
19	7001637	7001637	7001637	7001637	Plug—Lead Ball—Idle Channel—Outer
20	7002055	7002055	7002055	7002055	Plug—Idle Channel—Inner
21	7002814	7002814	7002814	7002814	Plug—Lead Ball
22	7025599	7025599	7025599	7025599	Idle Vent Valve Kit

Illus. No.	1964		1965		YEAR
	AUTO. TRANS.	SYNCHROMESH	AUTO. TRANS.	SYNCHROMESH	APPLICATION
	7023108	7023105	7025108	7025105	CARBURETOR No.
CHOKE PARTS					
23	7025091	7025091	7025091	7025091	Vacuum Break Control Assembly
24	7022554	7022554	7022554	7022554	Rod—Vacuum Control
25	7005109	7005109	7005109	7005109	Clip—Control Rod
26	7026339	7026339	7026339	7026339	Hose—Vacuum
27	7012781	7012781	7012781	7012781	Screw—Vacuum Control Attaching
28	7019709	7019709	7019709	7019709	Screw—Stat Rod Lever
29	7022550	7022550	7022550	7022550	Lever—Stat Rod
30	7009262	7009262	7009262	7009262	Choke Lever
31	7025387	7025387	7011651	7011651	Choke Valve
32	7007627	7007627	7007627	7007627	Screw—Choke Valve
33	7022548	7022548	7022548	7022548	Choke Shaft Assembly

FLOAT BOWL PARTS					
34	7022528	7022528	7022528	7022528	Pump Plunger Assembly
35	7005954	7005954	7005954	7005954	Spring—Pump Return
36	7003838	7003838	7003838	7003838	Guide—Pump Discharge Spring
37	7002118	7002118	7002118	7002118	Spring—Pump Discharge Ball
38	7002117	7002117	7002117	7002117	Ball—Pump Discharge
39	7029787	7029787	7029787	7029787	Link—Pump
40	836159	836159	836159	836159	Pin Spring—Pump Link
41	7021778	7021778	7021778	7021778	Float Bowl Assembly

THROTTLE BODY PARTS					
42	7025560	7025560	7025560	7025560	Gasket—Throttle Body to Bowl
43	7015365	7015365	7015365	7015365	Screw—Throttle Body Attaching
44	7025345	7025346	7026594	7025345	Cam—Fast Idle
45	7003561	7003561	7003561	7003561	Screw—Cam Attaching
46	7013347	7013347	7013347	7013347	Screw—Idle Stop
47	7001669	7001669	7001669	7001669	Needle—Idle Adjusting
48	7001666	7001666	7001666	7001666	Spring—Idle Adjusting Needle
49	7025347	7025347	7025347	7025347	Choke Rod
50	7024996	7025608	7024996	7025608	Throttle Body Assembly
51	3828267	3828267	3828267	3828267	Flange Gasket

IDLE SPEED-UP CONTROL PARTS (Air Conditioned Cars)	
7020986	Idle Speed-up Control Assembly
7022237	Diaphragm and Bracket Assembly
7022545	Solenoid Kit
7003234	Contact Screw



Rochester Carburetors

MODEL 2GC 1955-56 CHEVROLET V-8 PASSENGER

BULLETIN 9C-311

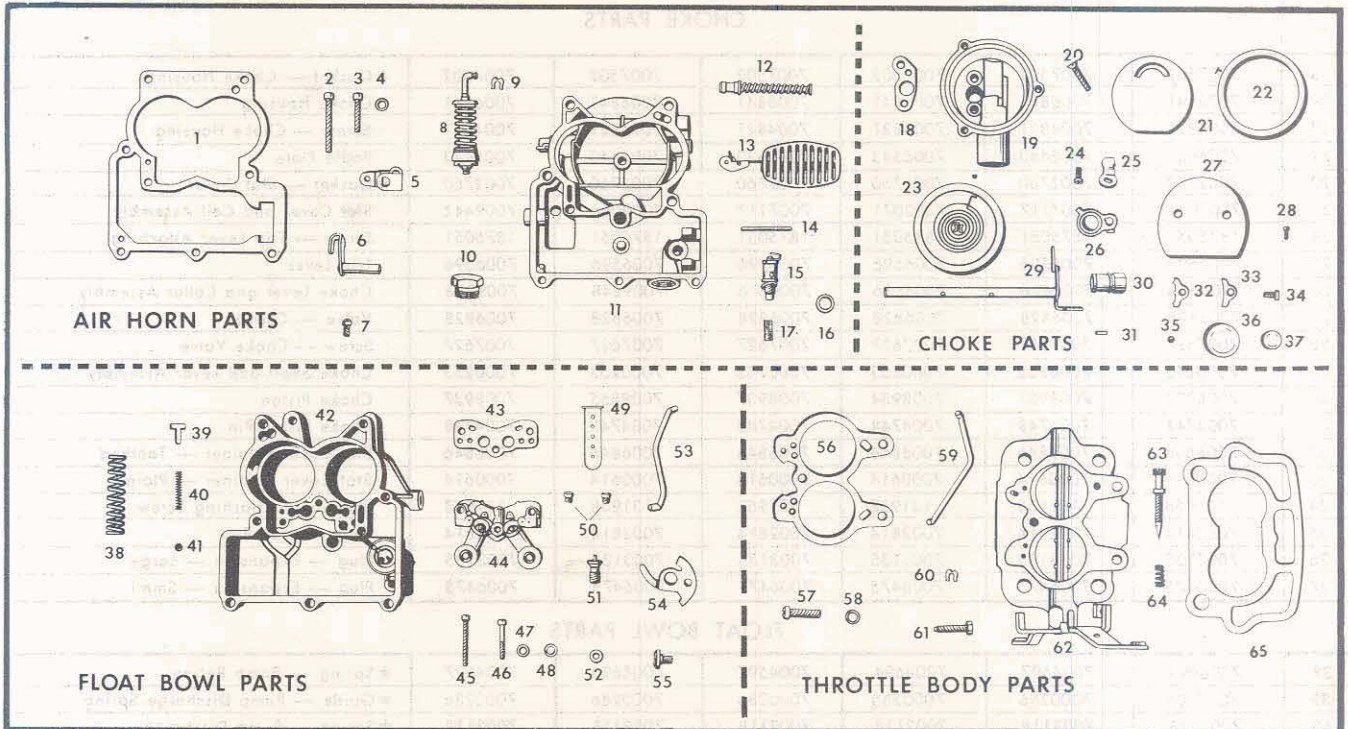
PAGE 1 OF 4

DATE: 2-15-57

REPLACES:

9C-311, 12/15/54

9C-315, 11/1/55



PARTS SHOWN ARE FOR IDENTIFICATION ONLY. CONSULT PARTS LIST FOR CORRECT PART NAME AND NUMBER

1955 EARLY		1955 LATE		1956		YEAR
POWERGLIDE	SYNCR.	POWERGLIDE	SYNCR.	POWERGLIDE	SYNCR.	APPLICATION
7005810	7006825	7008004	7008005	7008388	7008387	Std. Carburetor No.
7008004	7008005	7008004	7008005	7009910	7009909	Std. Replacmt. Carburetor No.
—	—	—	—	—	7009345	Gov. Equip. Carburetor No.
—	—	—	—	—	7009915	Gov. Eq. Replacmt Carb. No.
7009189	7009338	7009189	7009338	7009928	7009929	REPAIR KIT — COMPLETE
7008534	7008534	7008534	7008534	7008534	7009949	GASKET KIT — COMPLETE
7007011	7007011	7007011	7007011	—	—	REPAIR KIT — WITHOUT GASKETS

Illus. No.	AIR HORN PARTS						
1	7000299	7000299	7000299	7000299	7000299	7008600	★ Gasket — Air Horn
2	426422	426422	426422	426422	426422	426422	Screw — Air Horn — Long
3	7006119	7006119	7006119	7006119	7006119	7006119	Screw — Air Horn — Short
4	120217	120217	120217	120217	120217	120217	Lockwasher — Air Horn Screws
5	7000266	7000266	7000266	7000266	7000266	7000266	Lever — Pump Inside
6	7000263	7000263	7000263	7000263	7000263	7000263	Pump Shaft and Lever Assembly
7	131958	131958	131958	131958	131958	131958	Screw — Pump Lever
8	7008447	7000278	7008447	7000278	7009485	7009353	★ Pump Assembly
9	7005032	7005032	7005032	7005032	7005032	7005032	★ Clip — Pump Plunger
10	7006854	7006854	7006854	7006854	7006854	7006854	Fuel Inlet Fitting
11	7001719	7001719	7001719	7001719	7009459	7009459	Air Horn Assembly
12	7006011	7006011	7006011	7006011	7006011	7006011	Power Piston Assembly
13	7000273	7000273	7000273	7000273	7000273	7000273	Float Assembly
14	7002081	7002081	7002081	7002081	7002081	7002081	Float Hinge Pin
15	7006941	7006941	7006941	7006941	7009458	7009458	★ Needle and Seat Assembly
16	7001613	7001613	7001613	7001613	7001613	7001613	★ Gasket — Needle Seat
17	7006079	7006079	7006079	7006079	7006079	7006079	★ Strainer — Needle Seat

★ REPAIR KIT CONTENTS

	1955 EARLY		1955 LATE		1956		YEAR
	POWERGLIDE	SYNCR0.	POWERGLIDE	SYNCR0.	POWERGLIDE	SYNCR0.	APPLICATION
	7005810	7006825	7008004	7008005	7008388	7008387	Std. Carburetor No.
	—	—	—	—	—	7009345	Gov. Equip. Carburetor No.

Illus.
No.

CHOKE PARTS

18	7007502	7007502	7007502	7007502	7007502	7007502	★Gasket — Choke Housing
19	7006841	7006841	7006841	7006841	7006841	7006841	Choke Housing
20	7004821	7004821	7004821	7004821	7004821	7004821	Screw — Choke Housing
21	7006643	7006643	7006643	7006643	7006643	7006643	Baffle Plate
22	7002760	7002760	7002760	7002760	7002760	7002760	★Gasket — Stat Cover
23	7003071	7007117	7003071	7007117	7009066	7009442	Stat Cover and Coil Assembly
24	1875051	1875051	1875051	1875051	1875051	1875051	Screw — Trip Lever Attaching
25	7006596	7006596	7006596	7006596	7006596	7006596	Trip Lever
26	7006616	7006616	7006616	7006616	7009248	7009248	Choke Lever and Collar Assembly
27	7006828	7006828	7006828	7006828	7006828	7006828	Valve — Choke
28	7007627	7007627	7007627	7007627	7007627	7007627	Screw — Choke Valve
29	7000253	7000253	7000253	7000253	7000253	7000253	Choke Shaft and Lever Assembly
30	7008934	7008937	7008934	7008937	7009865	7008937	Choke Piston
31	7004748	7004748	7004748	7004748	7004748	7004748	Choke Piston Pin
32	7006846	7006846	7006846	7006846	7006846	7006846	Stat Cover Retainer — Toothed
33	7000614	7000614	7000614	7000614	7000614	7000614	Stat Cover Retainer — Plain
34	131958	131958	131958	131958	131958	131958	Stat Cover Attaching Screw
35	7002814	7002814	7002814	7002814	7002814	7002814	Plug — Lead Ball
36	7003135	7003135	7003135	7003135	7003135	7003135	Plug — Expansion — Large
37	7006475	7006475	7006475	7006475	7006475	7006475	Plug — Expansion — Small

FLOAT BOWL PARTS

38	7008694	7004597	7008694	7004597	7008694	7004597	★Spring — Pump Return
39	7000286	7000286	7000286	7000286	7000286	7000286	★Guide — Pump Discharge Spring
40	7002118	7002118	7002118	7002118	7002118	7002118	★Spring — Pump Discharge
41	7002117	7002117	7002117	7002117	7002117	7002117	★Ball — Pump Discharge
42	7007239	7007239	7007239	7007239	7009496	7009464	† Float Bowl Assembly — See Note
43	7000292	7000292	7000292	7000292	7000292	7000292	★Gasket — Venturi Cluster
44	7009075	7007990	7009075	7007990	7009215	7009493	† Venturi Cluster — See Note
45	7000293	7000293	7000293	7000293	7000293	7000293	Screw — Venturi Cluster — Outer
46	7000294	7000294	7000294	7000294	7000294	7000294	Screw — Venturi Cluster — Center
47	7000295	7000295	7000295	7000295	7000295	7000295	★Gasket — Center Screw
48	121841	121841	121841	121841	121841	121841	Lockwasher — Cluster Screw — Outer
49					7009212	7009212	Insert — Main Well
50	7002951	7002952	7002951	7002952	7002952	7002952	† Metering Jet — See Note
51	7006331	7006331	7006331	7006331	7006331	7006331	★Power Valve Assembly
52	7001613	7001613	7001613	7001613	7001613	7001613	★Gasket — Power Valve
53	7005817	7005817	7005817	7005817	7005817	7005817	Choke Rod
54	7008251	7008251	7008251	7008251	7008494	7008494	Cam — Fast Idle
55	7003561	7003561	7003561	7003561	7003561	7003561	Screw — Cam Attaching

THROTTLE BODY PARTS

56	7000298	7000298	7000298	7000298	7000298	7000298	★Throttle Body Gasket
57	7005188	7005188	7005188	7005188	7005188	7005188	Screw — Throttle Body Attaching
58	121744	121744	121744	121744	121744	121744	Lockwasher — Throttle Body Screw
59	7005816	7005816	7005816	7005816	7005816	7005816	Pump Rod
60	7005032	7005032	7005032	7005032	7005032	7005032	★Clip—Pump Rod
61	7006213	7006213	7006213	7006213	7006213	7006213	Idle Stop Screw
62	7001721	7001721	7001721	7001721	7009494	7009465	Throttle Body Assembly
62						7009552	Throttle Body Assembly (9345)
63	7007008	7007008	7007008	7007008	7007008	7007008	★Idle Adjusting Needle
64	7003190	7003190	7003190	7003190	7003190	7003190	Spring — Idle Adjusting Needle
65	3704952	3704952	3704952	3704952	3704952	3704952	★Gasket — Flange
						3718359	★Gasket — Flange (7009345)

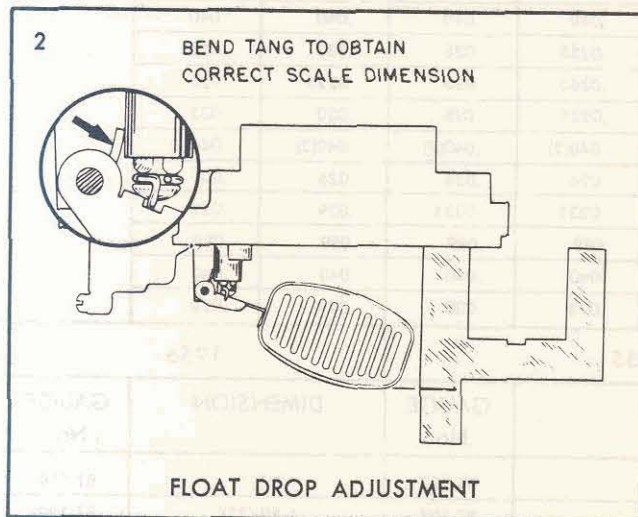
★REPAIR KIT CONTENTS

†Note: Carburetor No. 7005810, No. 7006825 only: If it is necessary to replace the float bowl, metering jets, or venturi cluster, all three should be replaced.



SETTING: 1955—1-5/32" —GAUGE, BT-107
 1956—1-1/4" —GAUGE, BT-129

With the air horn inverted and the gasket in place, position the float level gauge over the float so that it rests against the pump side of the power piston shaft, with the outer gauge leg in line with the center of the float. Bend the float arm to adjust.



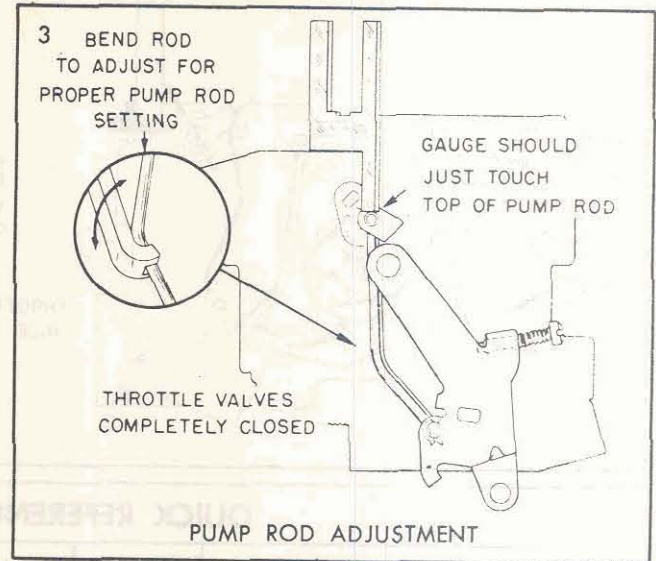
SETTING: 1955—1-29/32" —GAUGE, BT-107
 1956—1-29/32" —GAUGE, BT-129

Bend the float tang as required to obtain a distance of 1-29/32" from the gasket surface to the bottom of the float, with the air horn upright and the float hanging free. Use scale or scribed mark on float and pump gauge.

CHOKE ROD ADJUSTMENT

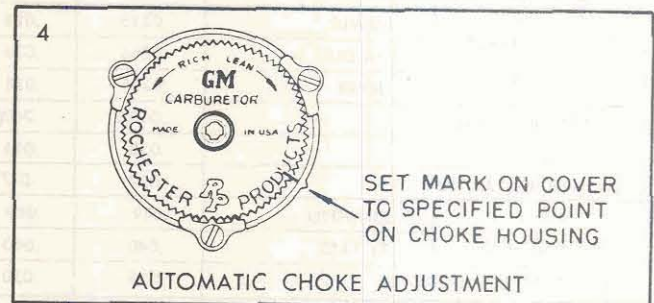
SETTING: 1955-56—.089" —GAUGE, BT-108

Turn the idle screw in until it just contacts the second step of the fast idle cam. With the screw resting on the second step and against the high step, bend the choke lever tang with Tool BT-69 as necessary to admit the small end of the gauge between the upper edge of the choke valve and the air horn wall.



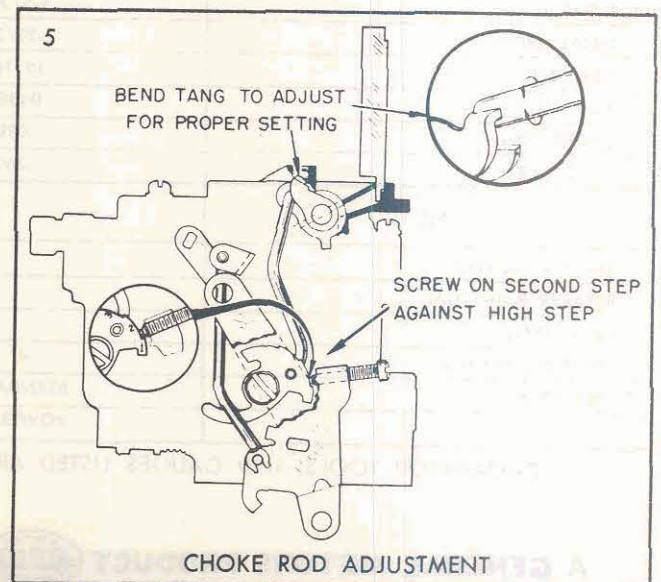
SETTING: 1955—15/16" —GAUGE, BT-107
 1956—57/64" —GAUGE, BT-129

With the idle screw backed out and the throttle valves completely closed, bend the pump rod as necessary with tool BT-18 to obtain the proper measurement from the top of the air horn casting to the top of the pump rod.



SETTING: 1955-56 — INDEX

Loosen the three retaining screws and rotate the choke cover counter-clockwise against coil tension until the index mark is in line with the index point on the choke housing. At room temperature the choke valve should be lightly closed.



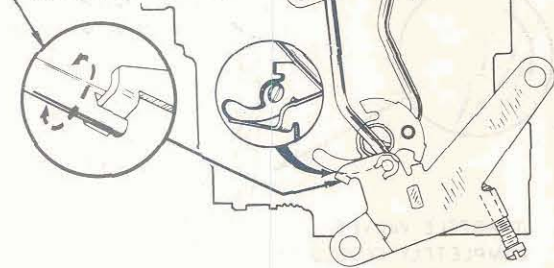
6

UNLOADER ADJUSTMENT

SETTING: 1955-56—.360"—GAUGE, BT-108

With the throttle valves held wide open, the choke valve should be open just enough to admit the large end of Gauge BT-108, Dimension .360", between the upper edge of the choke valve and the inner air horn wall. To adjust, bend the tang on the throttle lever as shown with Bending Tool BT-69.

BEND TANG TO ADJUST FOR PROPER SETTING



THROTTLE VALVES WIDE OPEN

QUICK REFERENCE SPECIFICATIONS

CARBURETOR No.		7005810	7006825	7008004	7008005	7008387	7008388
SMALL VENTURI		1/8"	1/8"	1/8"	1/8"	1/8"	1/8"
LARGE VENTURI		1-3/32"	1-3/32"	1-3/32"	1-3/32"	1-3/32"	1-3/32"
MAIN METERING JETS		.052	.053"	.051	.052	.052	.052
IDLE NEEDLE HOLES		.040	.040	.040	.040	.040	.040
SEC. DISCHARGE HOLES	LOWER	.0285	.028	.0285	.028	.030	.028
	MIDDLE	.0265	.026	.0265	.026	.0255	.026
	UPPER	.0325	.028	.0325	.028	.030	.032
SPARK DRILLINGS		.040(2)	.040(2)	.040(2)	.040(2)	.040(2)	.040(2)
PUMP JETS		.028	.026	.026	.026	.026	.026
POWER RESTRICTIONS		.037	.037	.0335	.0335	.029	.038
CHOKE RESTRICTIONS	CHANNEL	.089	.089	.089	.089	.089	.089
	BY-PASS	.040	.040	.040	.040	.040	.040
IDLE TUBE RESTRICTIONS		.028	.030	.028	.030	.029	.028

ADJUSTMENTS	1955		1956	
	DIMENSION	GAUGE No.	DIMENSION	GAUGE No.
FLOAT LEVEL	1-5/32"	BT-107	1 1/4"	BT-129
FLOAT DROP	1-29/32"	BT-107	1-29/32"	BT-129
PUMP ROD	15/16"	BT-107	57/64"	BT-129
AUTO CHOKE	INDEX	—	INDEX	—
CHOKE ROD	.089	BT-108	.089	BT-108
UNLOADER	.360	BT-108	.360	BT-108
TUNE-UP	1955		1956	
	SPARK PLUG GAP	.035"	.035"	
BREAKER POINT GAP	.016"		.016"	
CAM DWELL	26° - 33°		26° - 33°	
IGNITION TIMING	4° B.T.C. @ IDLE		4° B.T.C. @ IDLE	
IDLE R.P.M.	STANDARD—475 NEUTRAL		STANDARD—475 NEUTRAL	
	POWERGLIDE—425 DRIVE		POWERGLIDE—425 DRIVE	

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A GENERAL MOTORS PRODUCT



A UNITED MOTORS-AC LINE

UNITED MOTORS SERVICE—AC DIVISION, GENERAL MOTORS PRODUCTS OF CANADA LIMITED, OSHAWA, ONTARIO

Rochester Carburetors



MODEL 2G 1955-57 CHEVROLET & GMC V-8 TRUCK

BULLETIN 9C-313

PAGE 1 OF 4

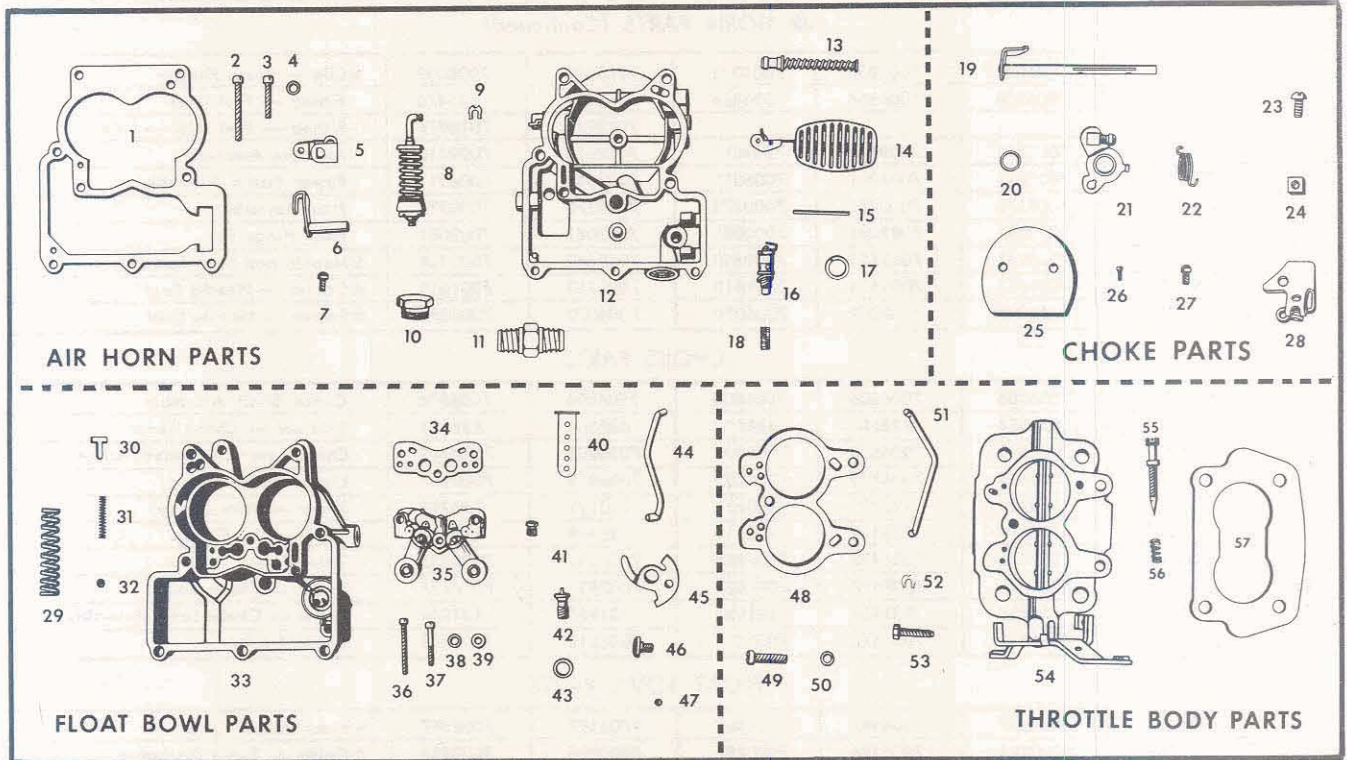
DATE: 4-15-57

REPLACES:

9C-313, 7/25/55

9C316, 4/2/56

9C-322, 10/15/56



PARTS SHOWN ARE FOR IDENTIFICATION ONLY. CONSULT PARTS LIST FOR CORRECT PART NAME AND NUMBER

1955		1956		1957		YEAR
STD. TRANS.	GOVERNOR EQUIPPED	STD. TRANS.	GOVERNOR EQUIPPED	STD. TRANS.	GOVERNOR EQUIPPED	APPLICATION
7006770	7007171	7008389	7008706	7010649	7010716	Early Carburetor No.
OVERDRIVE 7008399	—	OVERDRIVE 7008383	—	OVERDRIVE 7010718	—	Early Carburetor No.
—	—	—	—	7011135	7012147	Late Carburetor No.
—	—	—	—	OVERDRIVE 7011132	—	Late Carburetor No.
7009912	7015759	7009912	7015759	7009912	7015759	Service Package No.
7009337	7009337	7009930	7009930	7009930	7009930	REPAIR KIT COMPLETE
7008533	7008533	7009950	7009950	7009950	7009950	GASKET KIT COMPLETE
7007011	7007011	—	—	—	—	REPAIR KIT—NO GASKETS

Illus. No.	AIR HORN PARTS						
1	7000299	7000299	7008600	7008600	7008600	7008600	★ Air Horn Gasket
2	426422	426422	426422	426422	7010432	7010432	Air Horn Screw (Long)
3	7006119	7006119	7006119	7006119	7006119	7006119	Air Horn Screw (Short)
4	120217	120217	120217	120217	120217	120217	Lockwasher — Air Horn Screw.
5	7000266	7000266	7000266	7000266	7000266	7000266	Pump Lever — Inside
6	7000263	7000263	7000263	7000263	7000263	7000263	Pump Shaft and Lever Assembly
7	131958	131958	131958	131958	7010424	7010424	Screw — Pump Lever
8	7000278	7000278	7009353	7009353	7009353	7009353	★ Pump Assembly

★ REPAIR KIT CONTENTS

1955		1956		1957		YEAR
STD. TRANS.	GOVERNOR EQUIPPED	STD. TRANS.	GOVERNOR EQUIPPED	STD. TRANS.	GOVERNOR EQUIPPED	APPLICATION
7006770	7007171	7008389	7008706	7010649	7010716	Early Carburetor No.
OVERDRIVE 7008399	—	OVERDRIVE 7008383	—	OVERDRIVE 7010718	—	Early Carburetor No.
—	—	—	—	7011135	7012147	Late Carburetor No.
—	—	—	—	OVERDRIVE 7011132	—	Late Carburetor No.

Illus. No.	AIR HORN PARTS (Continued)						
9	7005032	7005032	7005032	7005032	7005032	7005032	★Clip — Pump Plunger
10	7006854	7006854	7006854	7006854	145475	145475	Fitting — Fuel Inlet
11					7010976	7010976	Fitting — Fuel Inlet — Late
12	7009613	7009613	7009613	7009613	7009613	7009613	Air Horn Assembly
13	7006011	7006011	7006011	7006011	7006011	7006011	Power Piston Assembly
14	7000273	7000273	7000273	7000273	7000273	7000273	Float Assembly
15	7002081	7002081	7002081	7002081	7002081	7002081	Float Hinge Pin
16	7006941	7006941	7009458	7009458	7009458	7009458	★Needle and Seat Assembly
17	7001613	7001613	7001613	7001613	7001613	7001613	★Gasket — Needle Seat
18	7006079	7006079	7006079	7006079	7006079	7006079	★Screen — Needle Seat

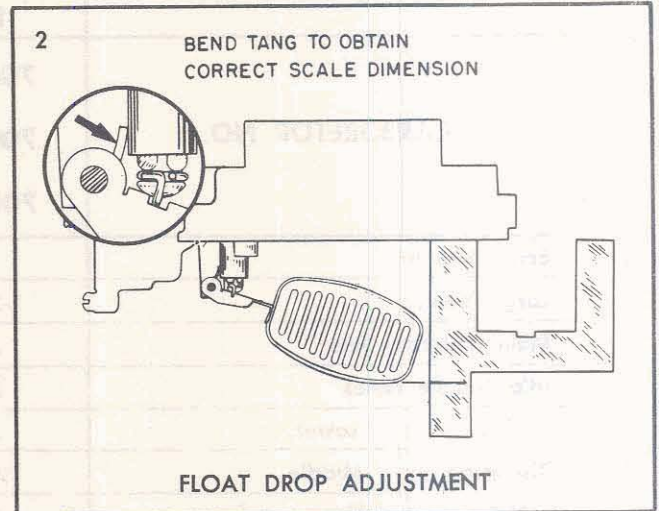
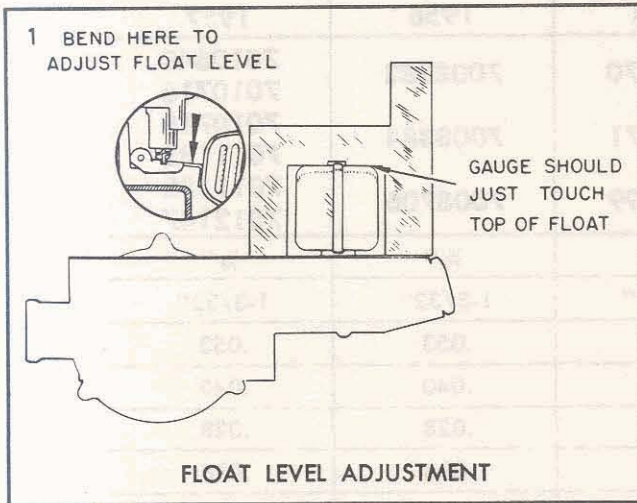
CHOKE PARTS							
19	7006806	7006806	7006806	7006806	7006806	7006806	Choke Shaft Assembly
20	838884	838884	838884	838884	838884	838884	Retainer — Choke Lever
21	7006803	7006803	7006803	7006803	7006803	7006803	Choke Lever and Swivel Assembly
22	7006805	7006805	7006805	7006805	7006805	7006805	Choke Valve Spring
23	120221	120221	120221	120221	120221	120221	Screw — Wire Clamp
24	120619	120619	120619	120619	120619	120619	Nut — Wire Clamp
25	7006828	7006828	7006828	7006828	7000255	7000255	Valve-Choke
26	7007627	7007627	7007627	7007627	7007627	7007627	Screw — Choke Valve
27	131954	131954	131954	131954	131954	131954	Screw — Choke Lever Assembly
28	7006812	7006812	7006812	7006812	7006812	7006812	Choke Bracket

FLOAT BOWL PARTS							
29	7004597	7004597	7004597	7004597	7004597	7004597	★Pump Return Spring
30	7000286	7000286	7000286	7000286	7000286	7000286	★Guide — Pump Discharge
31	7002118	7002118	7002118	7002118	7002118	7002118	★Spring — Pump Discharge Ball
32	7002117	7002117	7002117	7002117	7002117	7002117	★Ball — Pump Discharge
33	7008539	7008539	7009614	7009614	7010849	7010849	Float Bowl Assembly
34	7000292	7000292	7000292	7000292	7000292	7000292	★Gasket — Venturi Cluster
35	7008725	7008725	7009218	7009218	7009218	7009218	Venturi Cluster Assembly
36	7000293	7000293	7000293	7000293	7000293	7000293	Screw — Venturi Cluster — Outer
37	7000294	7000294	7000294	7000294	7000294	7000294	Screw — Venturi Cluster — Center
38	7000295	7000295	7000295	7000295	7000295	7000295	★Gasket — Center Screw
39	121841	121841	121841	121841	121841	121841	Lockwasher — Outer Screw
40			7009212	7009212	7009212	7009212	Insert — Main Well
41	7002953	7002953	7002953	7002953	7002953	7002953	Jet — Standard
42	7006331	7006331	7006331	7006331	7006331	7006331	★Power Valve Assembly
43	7001613	7001613	7001613	7001613	7001613	7001613	★Gasket — Power Valve
44	7005817	7005817	7005817	7005817	7005817	7005817	Choke Rod
45	7006810	7006810	7006810	7006810	7006810	7006810	Fast Idle Cam
46	7003561	7003561	7003561	7003561	7003561	7003561	Screw — Cam Attaching
47	7002814	7002814	7002814	7002814	7002814	7002814	Lead Ball Plug

THROTTLE BODY PARTS							
48	7000298	7000298	7000298	7000298	7000298	7000298	★Gasket — Throttle Body
49	7005188	7005188	7005188	7005188	7005188	7005188	Screw — Throttle Body
50	121744	121744	121744	121744	121744	121744	Lockwasher — Throttle Body Screw
51	7005816	7005816	7005816	7005816	7005816	7005816	Pump Rod
52	7005032	7005032	7005032	7005032	7005032	7005032	★Clip — Pump Rod
53	7006213	7006213	7006213	7006213	7006213	7006213	Idle Stop Screw
54	7003070 (6770)	7007985	7009615	7007985	7009615	7007985	Throttle Body Assembly
54	7009152 (8399)						Throttle Body Assembly
55	7007008	7007008	7007008	7007008	7007008	7007008	★Idle Needle
56	7003190	7003190	7003190	7003190	7003190	7003190	Idle Needle Spring
57	3733281	3733281	3733281	3733281	3733281	3733281	★Flange Gasket



MODEL 2G 1955-57 CHEVROLET & GMC V-8 TRUCK ADJUSTMENTS AND SPECIFICATIONS



1955 SETTING— $1\frac{5}{32}$ " , GAUGE—BT-107
1956-57 SETTING— $1\frac{1}{4}$ " , GAUGE—BT-129

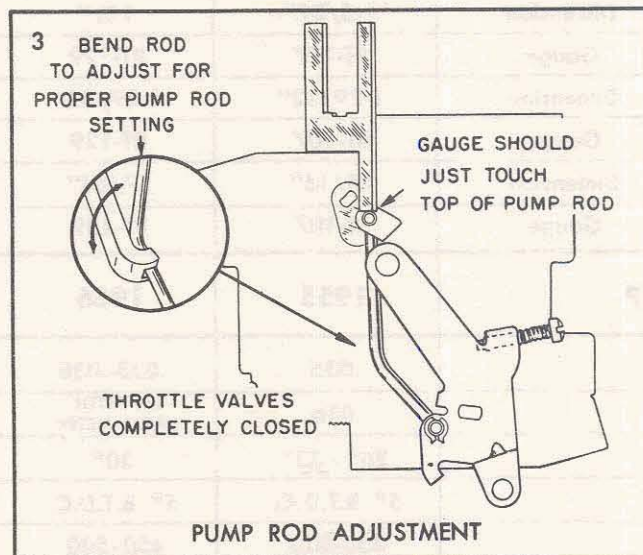
With the air horn inverted and the gasket in place, position the float level gauge over the float so that it rests against the pump side of the power piston shaft, with the outer gauge leg in line with the center of the float. Do not compress spring in needle valve but allow the float to hang freely.

Bend the float arm until the float just touches the bottom of the gauge. (use Bending Tool BT-69).

1955-56-57 SETTING— $1\frac{29}{32}$ " , GAUGE BT-107, BT-129

The float drop is correct when the distance from the air horn gasket to the bottom of the float is $1\frac{29}{32}$ " , with the air horn held upright.

Bend the float tang to adjust; toward needle seat to lessen drop and away from seat to increase drop.



1955 SETTING— $\frac{15}{16}$ " , GAUGE BT-107
1956-57 SETTING— $\frac{57}{64}$ " , GAUGE BT-129

Back off the throttle stop screw and hold the throttle valves completely closed. Check the distance from the top of the air horn casting to the top of the pump rod with the combination float and pump rod gauge.

To adjust, bend the pump rod with Bending Tool BT-18.

MODEL 2G
1955-57 CHEVROLET & GMC TRUCK
ADJUSTMENTS AND SPECIFICATIONS

		1955	1956	1957
CARBURETOR NO.		7006770	7008383	7010649 7010716 7010718 7011135 7011132 7012147
Small Venturi		1/8"	1/8"	1/8"
Large Venturi		1-3/32"	1-3/32"	1-3/32"
Main Metering Jets		.053	.053	.053
Idle Needle Holes		.040	.040	.040
Discharge Holes	Sec. Lower	.028	.028	.028
	Middle	.026	.026	.026
	Upper	.028	.028	.028
Spark Drillings		.040(2)	.040(2)	.040(2)
Pump Jets		.026	.026	.026
Power Restrictions		.031	.031	.031
Idle Tube Restrictions		.029	.029	.029
ADJUSTMENTS		1955	1956	1957
Float Level	Dimension	1-5/32"	1 1/4"	1 1/4"
	Gauge	BT-107	BT-129	BT-129
Float Drop	Dimension	1-29/32"	1-29/32"	1-29/32"
	Gauge	BT-107	BT-129	BT-129
Pump Rod	Dimension	15/16"	57/64"	57/64"
	Gauge	BT-107	BT-129	BT-129
TUNE-UP		1955	1956	1957
Spark Plug Gap		.035	.033-.038	.033-.038
Breaker Point Gap		.016	SET WITH DWELL METER	SET WITH DWELL METER
Cam Dwell		26° - 33°	30°	30°
Ignition Timing		5° B.T.D.C.	5° B.T.D.C.	5° B.T.D.C.
Idle R.P.M.		450-500	450-500	450-500

CARBURETOR TOOLS AND GAUGES LISTED ARE AVAILABLE THROUGH UMS- AC DISTRIBUTORS

A GENERAL MOTORS PRODUCT



A UNITED MOTORS-AC LINE



Rochester Carburetors

MODEL 4GC

1956 CHEVROLET V-8 PASSENGER POWER PACK

BULLETIN 9C-317

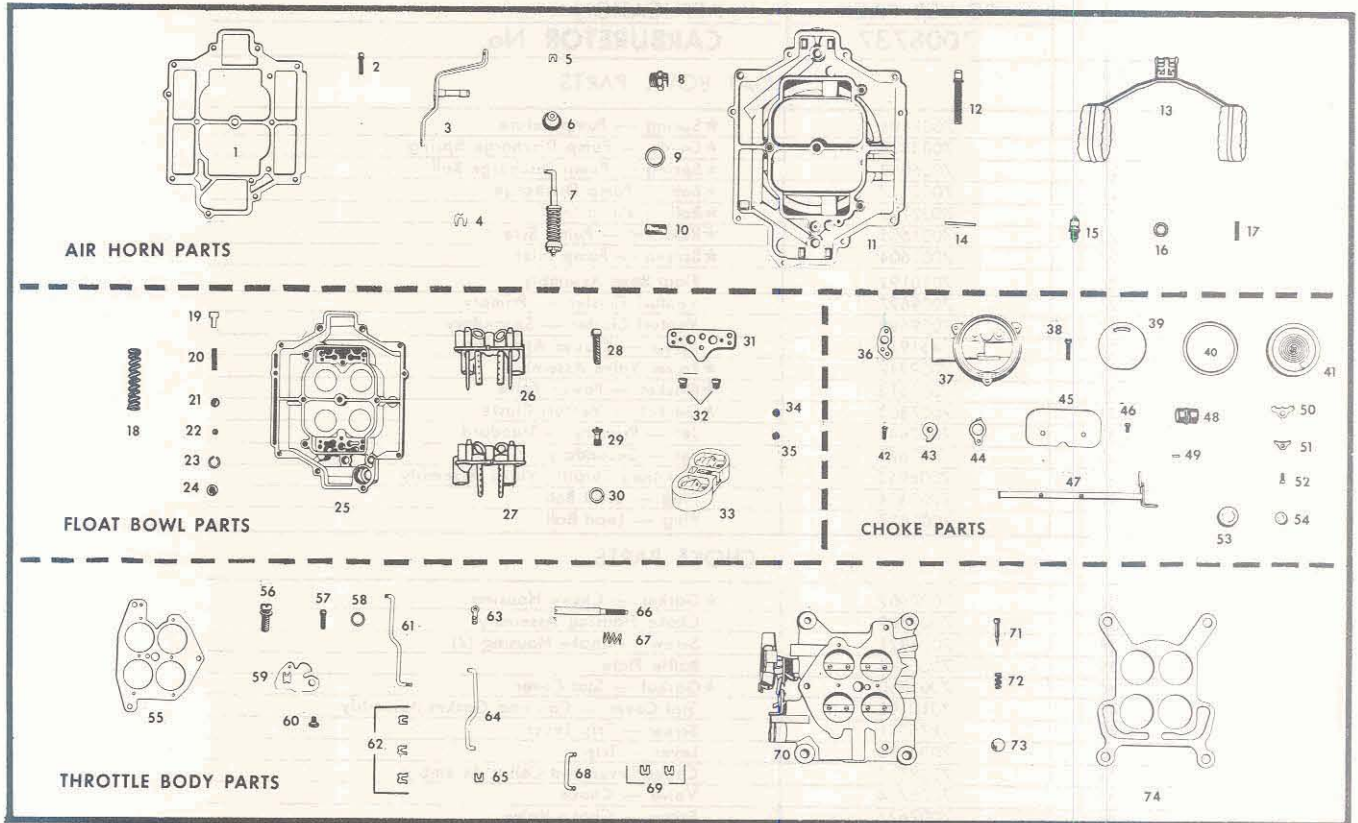
PAGE 1 OF 4

DATED 2-15-57

REPLACES:

9C-317 TEMP.

DATED 2-15-56



PARTS SHOWN ARE FOR IDENTIFICATION ONLY. CONSULT PARTS LIST FOR CORRECT PART NAME AND NUMBER

	1956 POWER PACK 7008737 7009913 7009933 7009953	YEAR APPLICATION CARBURETOR No. REPLACEMENT CARBURETOR No. REPAIR KIT GASKET KIT
Illus. No.	AIR HORN PARTS	
1	7006061	★Gasket — Air Horn
2	7000249	Screw — Air Horn
3	7009519	Pump Shaft and Lever Assembly
4	7007616	★Clip — Pump Shaft
5	7005032	★Clip — Pump Plunger
6	7006372	★Boot — Pump Plunger
7	7009805	★Pump Assembly
8	7010180	Strainer Nut
9	7001597	★Gasket — Strainer Nut
10	7003083	★Strainer — Fuel Inlet
11	7010190	Air Horn Assembly
12	7000204	Piston — Power
13	7000199	Float Assembly
14	7001595	Pin — Float Hinge
15	7006134	★Needle and Seat Assembly
16	7001613	★Gasket — Needle Seat
17	7006079	★Strainer — Needle Seat

Rochester Carburetor
MODEL 4GC
1958 CHEVROLET V-8 PASSENGER
POWER PACK

	1956 POWER PACK 7008737	YEAR APPLICATION CARBURETOR No.
Illus. No.	FLOAT BOWL PARTS	
18	7008694	★Spring — Pump Return
19	7003838	★Guide — Pump Discharge Spring
20	7006059	★Spring — Pump Discharge Ball
21	7002117	★Ball — Pump Discharge
22	7002120	★Ball — Pump Inlet
23	7001605	★Retainer — Pump Screen
24	7001604	★Screen — Pump Inlet
25	7010192	Float Bowl Assembly
26	7009697	Venturi Cluster — Primary
27	7009699	Venturi Cluster — Secondary
28	451910	Screw — Cluster Attaching
29	7009349	★Power Valve Assembly
30	7001613	★Gasket — Power Valve
31	7007803	★Gasket — Venturi Cluster
32	7002648	Jet — Primary — Standard
32	7002646	Jet — Secondary
33	7008958	Auxiliary Throttle Valve Assembly
34	7002814	Plug — Lead Ball
35	7001637	Plug — Lead Ball
	CHOKE PARTS	
36	7007502	★Gasket — Choke Housing
37	7009689	Choke Housing Assembly
38	7004821	Screw — Choke Housing (2)
39	7006643	Baffle Plate
40	7002760	★Gasket — Stat Cover
41	7010191	Stat Cover — Coil and Gasket Assembly
42	1875051	Screw — Trip Lever
43	7000196	Lever — Trip
44	7008547	Choke Lever and Collar Assembly
45	7008744	Valve — Choke
46	7007627	Screw — Choke Valve
47	7008185	Choke Shaft and Lever Assembly
48	7009691	Piston — Choke
49	7004748	Pin — Choke Piston
50	7000614	Retainer — Stat Cover — Plain (2)
51	7006846	Retainer — Stat Cover, Toothed (1)
52	131958	Screw — Stat Cover Attaching (3)
53	7007893	Expansion Plug — 9/16" Dia.
54	7006475	Expansion Plug — 3/8" Dia.
	THROTTLE BODY PARTS	
55	7009761	★Gasket — Throttle Body
56	7004324	Screw — Throttle Body — Large (1)
57	7005188	Screw — Throttle Body — Small (3)
58	121744	Lockwasher — Small Screw
59	7009757	Cam — Fast Idle
60	7003561	Screw — Fast Idle Cam Attaching
61	7009776	Choke Rod
62	7005032	★Clip — Choke Rod
63	7003137	★Clip — Pump Rod — Upper
64	7009687	Pump Rod
65	7005032	Clip — Pump Rod — Lower
66	7009837	Screw — Fast Idle Adjusting
67	7001690	Spring — Fast Idle Screw
68	7000241	Link — Secondary Lever
69	7005032	★Clip — Secondary Lever Link
70	7011679	Throttle Body Assembly
71	7009638	★Needle — Idle Adjusting (2)
72	7011479	Spring — Idle Needle
73	7006475	Plug — Expansion
74	3733102	★Flange Gasket

Rochester Carburetors

BULLETIN 9C-317

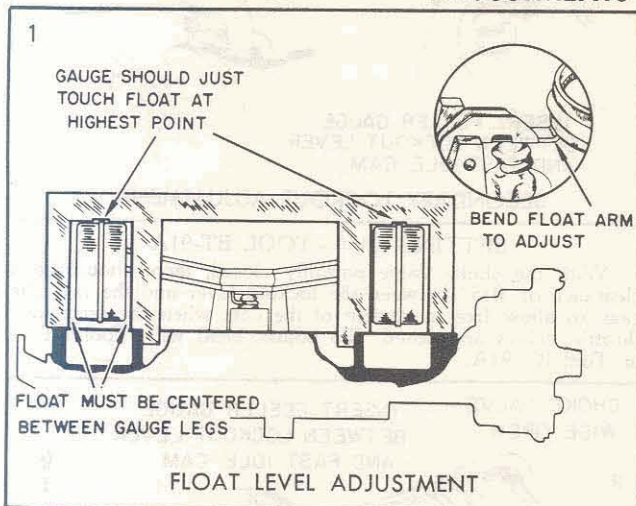
PAGE 3 OF 4

DATE: 2-15-57



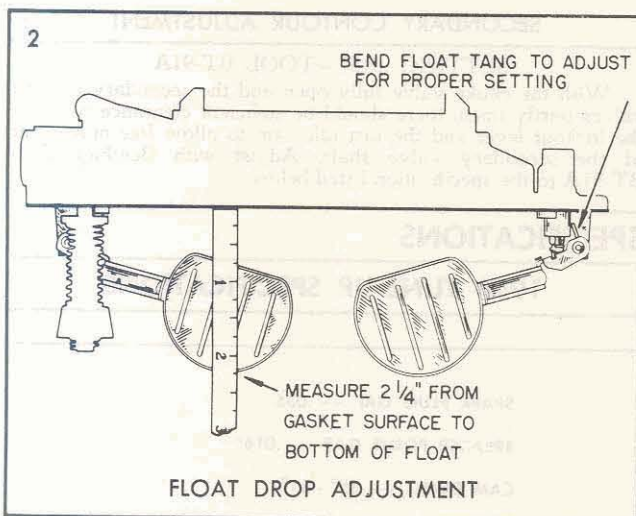
MODEL 4GC 1956 CHEVROLET "V-8" POWER PACK

ADJUSTMENTS AND SPECIFICATIONS



SETTING $1\frac{5}{8}$ ", GAUGE BT-89

With the air horn gasket in place, position the gauge over the floats and against the curvature in the air horn bore. Bend the float arms at the rear of the assembly so floats just touch the gauge. Then bend float arms horizontally to center each pontoon between the gauge legs. Repeat with same gauge on other set of floats.



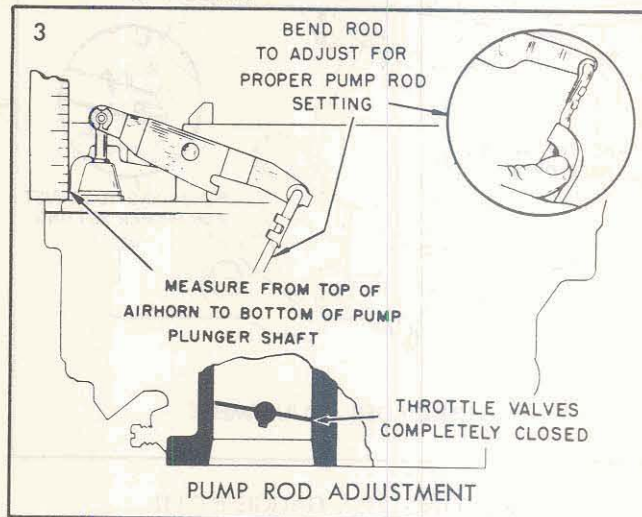
SETTING $2\frac{1}{4}$ ", GAUGE BT-93 OR SCALE

Bend the float tang as required to obtain a distance of $2\frac{1}{4}$ " from the gasket surface to the bottom of the float, with the float hanging free.

CHOKE ROD ADJUSTMENT

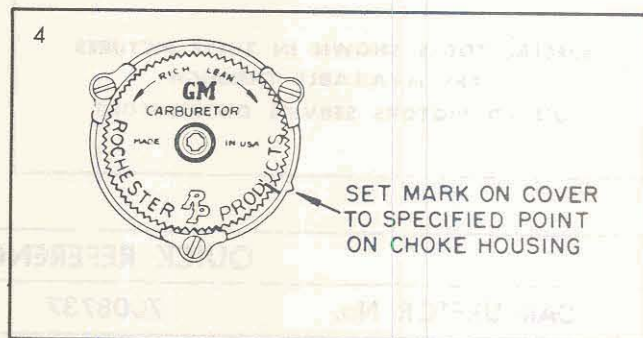
SETTING .043", GAUGE BT-131

With the idle screw resting on the second step of the fast idle cam and against the shoulder of the high step, bend the choke rod with Bending Tool BT-18 to obtain sufficient clearance to allow the insertion of the correct gauge between the upper edge of the choke valve and the dividing wall of the air horn.



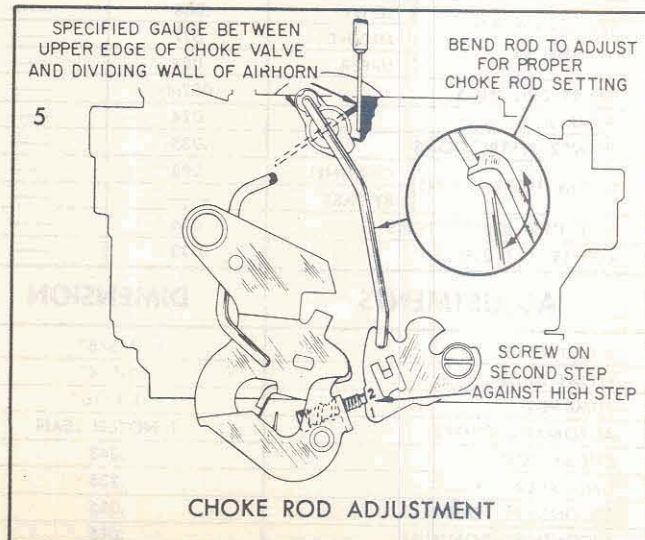
SETTING $1\text{-}1/16$ ", USE SCALE

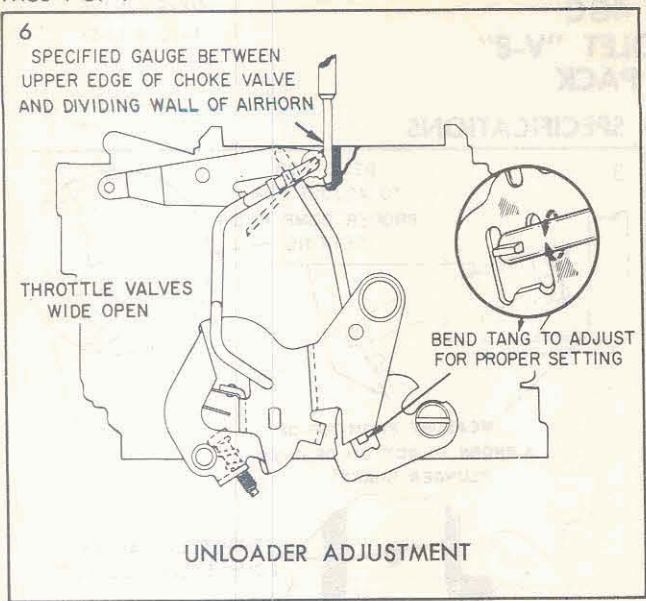
With the idle stop screws backed out and the throttle valves completely closed, bend the pump rod with Bending Tool BT-18 as necessary to obtain the correct dimension from the top surface of the air horn to the bottom of the pump plunger shaft.



SETTING 1 NOTCH LEAN

Loosen the three retaining screws and rotate the choke cover counterclockwise against coil tension until the index mark is in the proper position with the index point on the choke housing.

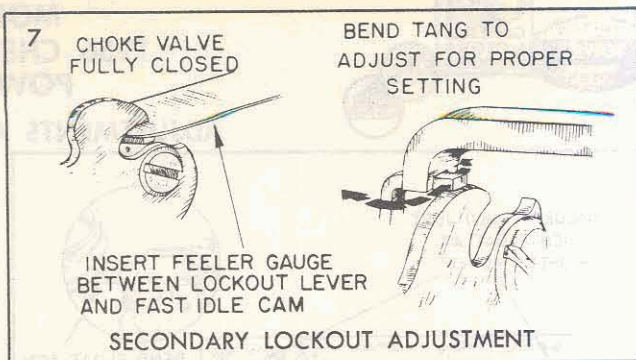




SETTING .235", GAUGE BT-131

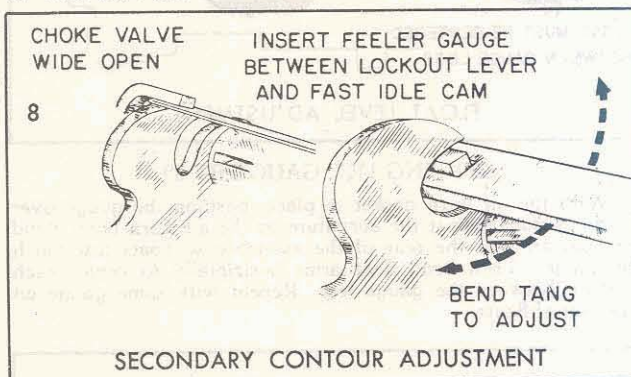
Bend the unloader tang with Bending Tool BT-69 as necessary to allow the insertion of the proper gauge between the upper edge of the choke valve and the dividing wall of the air horn, with the throttle valves wide open.

SPECIAL TOOLS SHOWN IN THESE PICTURES ARE AVAILABLE THROUGH UNITED MOTORS SERVICE DISTRIBUTORS



SETTING .015"—TOOL BT-91A

With the choke valve partially closed, there should be a clearance of .015" between the lockout lever and the fast idle cam, to allow free movement of the cam when the secondary throttle valves are closed. To adjust, bend with Tool BT-18 or Tool BT-91A.



SETTING .015"—TOOL BT-91A

With the choke valve fully open and the secondary throttle valves partly open, there should be sufficient clearance between the lockout lever and the fast idle cam to allow free movement of the secondary valve shaft. Adjust with Bending Tool BT-91A to the specification listed below.

QUICK REFERENCE SPECIFICATIONS

CARBURETOR No.	7008737		1956 TUNE-UP SPECIFICATIONS	
	PRIMARY	SECONDARY		
SMALL VENTURI	1/4"	1/4"		
LARGE VENTURI	1"	1-1/16"		
MAIN METERING JETS	.048	.046		SPARK PLUG GAP — .035
IDLE NEEDLE HOLES	.046	—		BREAKER POINT GAP — .016"
SEC. DISCHARGE HOLES	LOWER	.038		CAM DWELL — 26° - 33°
	MIDDLE	.027		IGNITION TIMING — 4° BTDC AT IDLE
	UPPER	.028		IDLE R.P.M.—POWERGLIDE—425 IN DRIVE
SPARK DRILLINGS	.052(4)	—		SYNCHROMESH—450 NEUTRAL
PUMP JETS	.024	—		
POWER RESTRICTIONS	.035	—		
CHOKE RESTRICTIONS	CHANNEL	.098		
	BY-PASS	—		
IDLE TUBE RESTRICTIONS	.026	—		
LOWER IDLE BLEED	.033	—		
ADJUSTMENTS	DIMENSION		GAUGE No.	
FLOAT LEVEL	1-5/8"		BT-89	
FLOAT DROP	2-1/4"		BT-93 OR SCALE	
PUMP ROD	1-1/16"		SCALE	
AUTOMATIC CHOKE	1 NOTCH LEAN		—	
CHOKE ROD	.043		BT-131	
UNLOADER	.235		BT-131	
SECONDARY LOCKOUT	.015		FEELER GAUGE	
SECONDARY CONTOUR	.015		FEELER GAUGE	

Rochester Carburetors

MODEL 2GC

1957-1958 CHEVROLET V-8

PASSENGER



BULLETIN 9C-320

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DATE: MAY, 1960

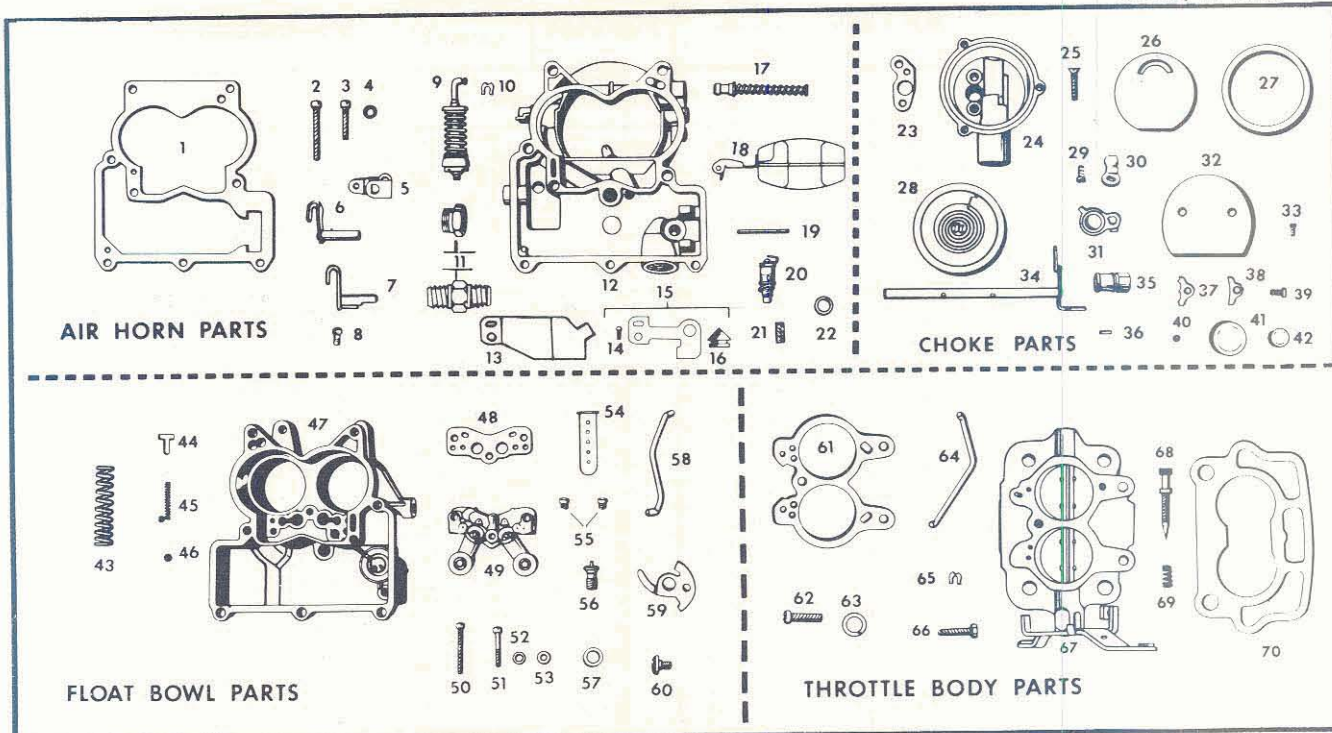
REPLACES:

9C-320, AUGUST, 1958

9C-320A, 7/1/57

9C-326, 12/15/57

9C-320, 10/15/56



PARTS SHOWN ARE FOR IDENTIFICATION ONLY. CONSULT PARTS LIST FOR CORRECT PART NAME AND NUMBER

1957			1958			YEAR
SYNCHRO-MESH	POWER-GLIDE	GOVERNOR EQUIPPED	SYNCR. — EARLY	SYNCR. — LATE	AUTOMATIC TRANS.	APPLICATION
7010647	7010648	7010719	7012133	—	7012452	Early Carburetor No.
7011131	7011224	7011149	—	7012451	7013652 CANADA	Late Carburetor No.
7015804	7015852	7015719	7015804	7015804	7015852	Replacement Package No.
7009929	7009928	7009929	7015833	7015833	7015839	MASTER REPAIR KIT
TR-302	TR-302	TR-302	TR-304	TR-304	TR-304	OFF KAR KIT
TR-12	TR-12	TR-12	TR-14	TR-14	TR-14	KLEANOUT KIT
7015968	7015968	7015968	7015968	7015968	7015968	GASKET KIT

Illus. No.	AIR HORN PARTS						
1	7008600	7008600	7008600	7008600	7008600	7008600	★Gasket—Air Horn
2	7010432	7010432	7010432	7010432	7010432	7010432	Screw—Air Horn
3	7006119	7006119	7006119	7006119	7006119	7006119	Screw—Air Horn
4	120217	120217	120217	120217	120217	120217	Lockwasher—Screws
5	7000266	7000266	7000266	7000266	7000266	7000266	Lever—Pump Inside
6	7000263	7000263	7000263	7000263	—	—	Pump Shaft and Lever Assembly
7	—	—	—	—	7006975	7006975	Pump Shaft and Lever Assembly
8	7010424	7010424	7010424	7010424	7010424	7010424	Screw—Pump Lever
9	7009353	7009485	7009353	7009353	7009353	7009485	★Pump Assembly
10	7005032	7005032	7005032	7005032	7005032	7005032	★Clip—Pump Plunger
11	145475	145475	145475	—	—	—	Fitting—Fuel Inlet—Early
11	7010976	7010976	7010976	7010976	7010976	7010976	Fitting—Fuel Inlet—Late
12	7009459	7009459	7009459	7009459	7013208	7013208	Air Horn Assembly
13	—	—	—	—	7012835	7012835	Shield—Idle Vent Valve
14	—	—	—	—	7012548	7012548	Screw—Vent Valve
15	—	—	—	—	7012252	7012252	Idle Vent Valve Kit
16	—	—	—	—	7007129	7007129	Idle Vent Valve
17	7006011	7006011	7006011	7006323	7006323	7006323	Power Piston Assembly
18	7000273	7000273	7000273	7000273	7000273	7000273	Float Assembly



Rochester Carburetors

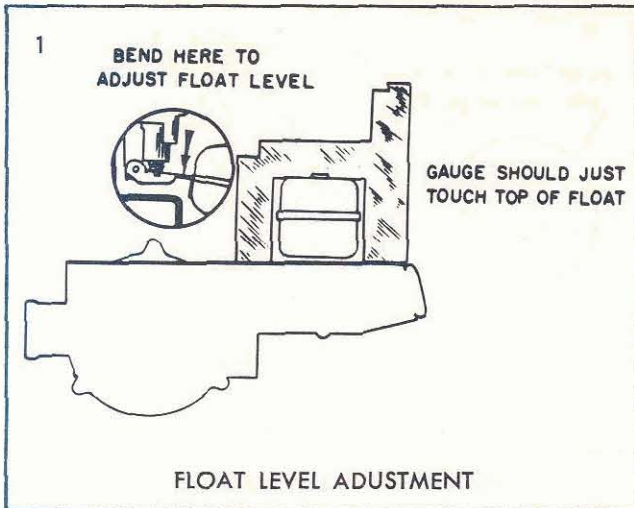
MODEL 2GC

1957 - 1958 CHEVROLET "V-8" ADJUSTMENTS AND SPECIFICATIONS

BULLETIN 9C-320

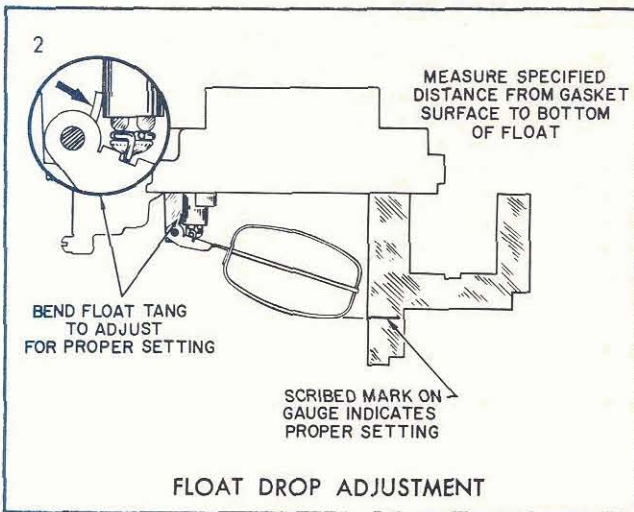
PAGE 3 OF 4

DATE: MAY, 1960



1957 SETTING: 1-1/4" —GAUGE, BT-129
 1958 SETTING: 1-19/64" —GAUGE, BT-144

With the air horn inverted and the gasket in place, position the float level gauge over the float so that it rests against the pump side of the power piston shaft, with the outer gauge leg in line with the center of the float. Bend the float arm to adjust.

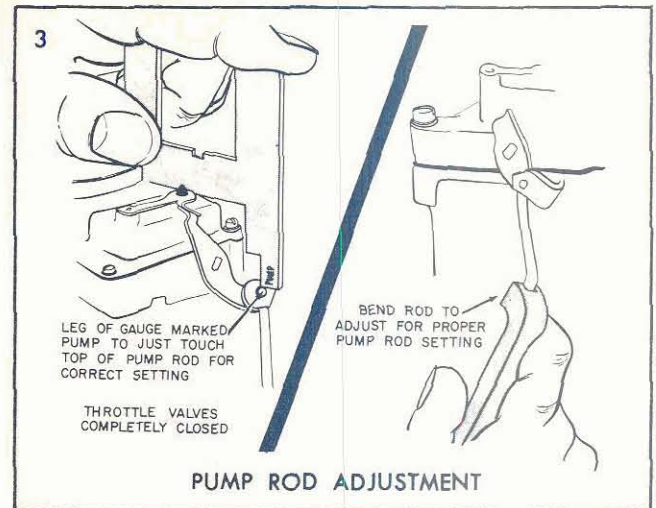


1957-58 SETTING: 1-29/32" —GAUGE, BT-129, BT-144

Bend the float tang as required to obtain a distance of 1-29/32" from the gasket surface to the bottom of the float, with the air horn upright and the float hanging free. Use scale or scribed mark on float and pump gauge.

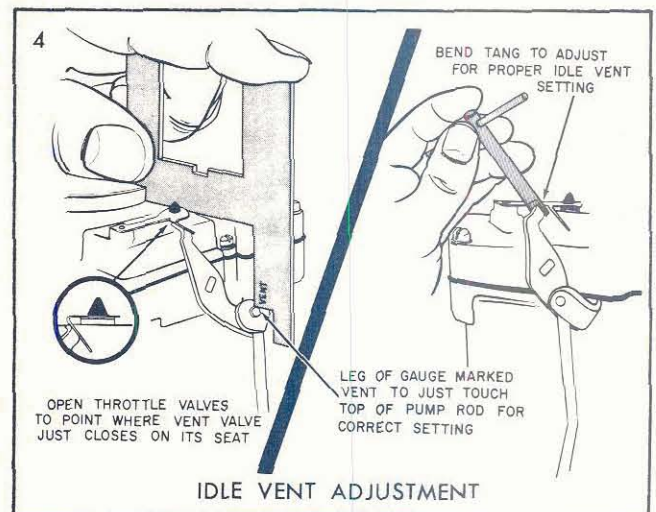
1957-58 SETTING — INDEX

Loosen the three retaining-screws and rotate the choke cover counter-clockwise against coil tension until the index mark is in line with the index point on the choke housing. At room temperature the choke valve should be lightly closed.



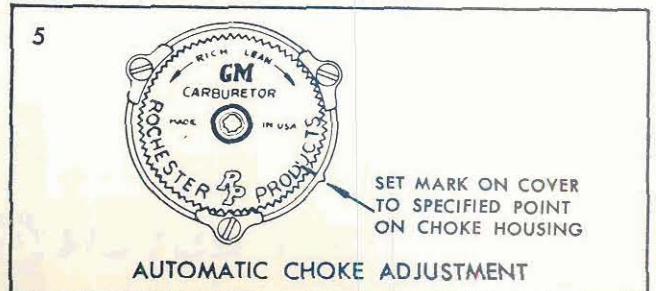
1957-58 SETTING: 57/64" —GAUGE, BT-129, BT-144

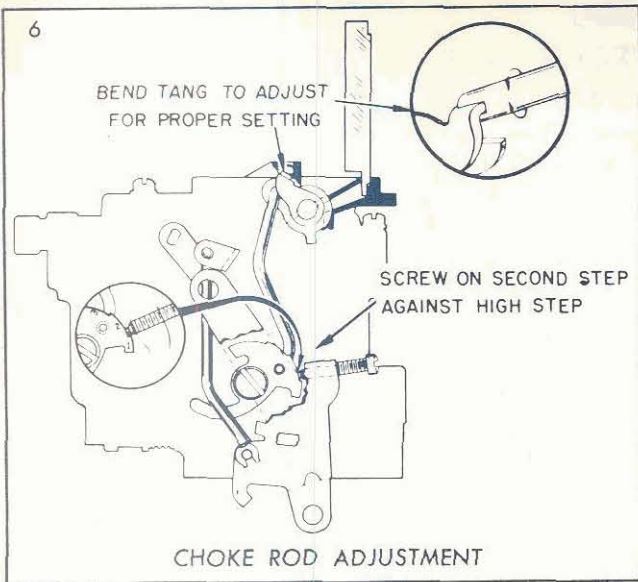
With the idle screw backed out and the throttle valves completely closed, bend the pump rod as necessary with tool BT-18 to obtain the proper measurement from the top of the air horn casting to the top of the pump rod.



SETTING: 49/64" —GAUGE, BT-144
(1958 Only)

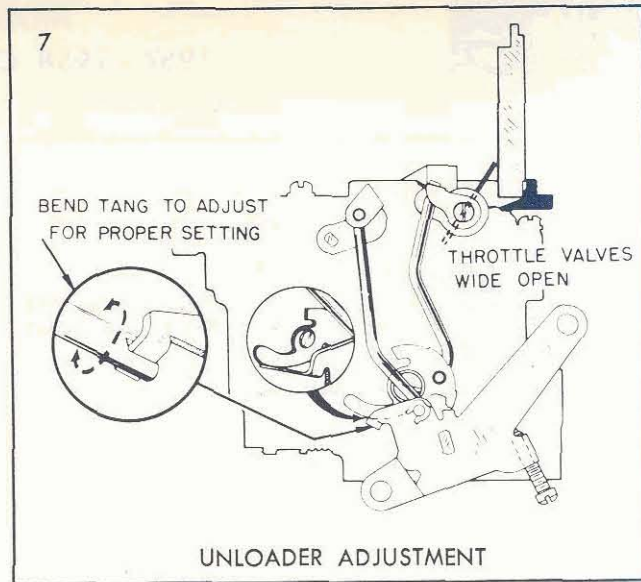
Note: Make pump rod adjustment before adjusting idle vent valve. Place Gauge BT-144 on top of pump housing on air horn, as shown, with leg of gauge marked "Vent" above pump rod. Slowly open throttle valves until vent valve just closes. With throttle valves held in this position, lower edge of gauge leg marked "Vent" should just touch top of pump rod. To adjust bend tang on pump lever as shown.





1957-58 SETTING: .089" — GAUGE, BT-108

Turn the idle screw in until it just contacts the second step of the fast idle cam. With the screw resting on the second step and against the high step, bend the choke lever tang with Tool BT-69 as necessary to admit the small end of the Gauge BT-108, between the upper edge of the choke valve and the air horn wall.



1957-58 SETTING: .360" — GAUGE, BT-108

With the throttle valves held wide open, the choke valve should be open just enough to admit the large end of Gauge BT-108. Dimension .360", between the upper edge of the choke valve and the inner air horn wall. To adjust, bend the tang on the throttle lever as shown with Bending Tool BT-69.

QUICK REFERENCE SPECIFICATIONS

ADJUSTMENTS	1957		1958		1957-58 TUNE-UP SPECS.
	DIMENSION	GAUGE No.	DIMENSION	GAUGE No.	
FLOAT LEVEL	1 1/4"	BT-129	1-19/64"	BT-144	SPARK PLUG GAP — .035"
FLOAT DROP	1-29/32"	BT-129	1-29/32"	BT-144	BREAKER POINT GAP — .016"
PUMP ROD	57/64"	BT-129	57/64"	BT-144	CAM DWELL — 30°
IDLE VENT	—	—	49/64"	BT-144	IGNITION TIMING —
AUTOMATIC CHOKE	INDEX	—	INDEX	—	4° BTDC AT IDLE
CHOKE ROD	.089	BT-108	.089	BT-108	IDLER.P.M.—A.T. 425 R.P.M. "DR."
UNLOADER	.360	BT-108	.360	BT-108	SYN. 475 R.P.M. "NEUT."

NOTE: For complete carburetor specifications, refer to 9D-1 Section of the Parts and Service Manual.

Refer to Bulletin 9D-10 for basic operation and overhaul procedures.

**COMPLETE MANUALS, CARBURETOR TOOLS AND GAUGES
AS LISTED ARE AVAILABLE THROUGH UMS DISTRIBUTORS**

SPECIFICATIONS ARE SUBJECT TO CHANGE
WITHOUT NOTICE

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ROCHESTER CARBURETORS

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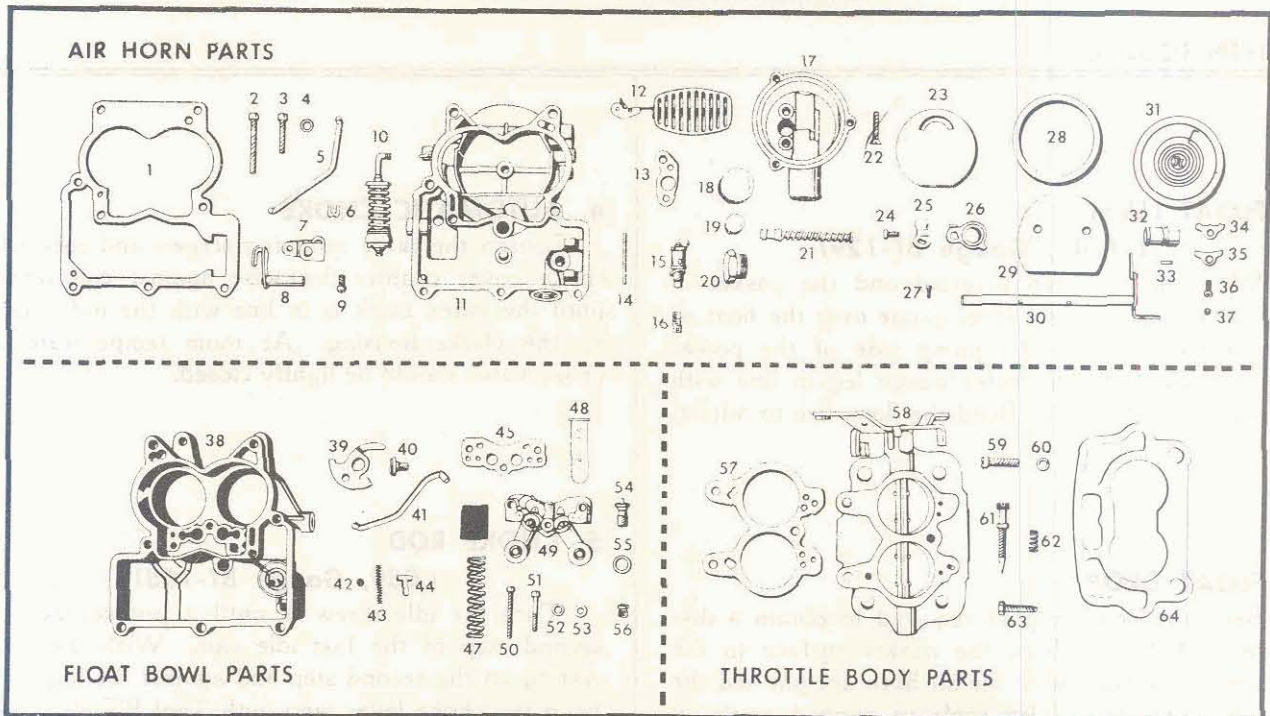
America's number one original equipment carburetors



MODEL 2GC — 1957 CHEVROLET V-8

(CANADA ONLY)

Syncromesh — 7010750
Service Pkg. — 7015748



PARTS SHOWN ARE FOR IDENTIFICATION ONLY. CONSULT PARTS LIST FOR CORRECT PART NAME AND NUMBER

★ REPAIR KIT — 7015733

GASKET KIT — 7009949

Illus. No.	Part Numbers	AIR HORN PARTS	Illus. No.	Part Numbers	AIR HORN PARTS (Continued)
1	★7008600	Gasket—Air Horn	35	7000614	Retainer—Stat Cover
2	7010432	Screw—Air Horn	36	7010424	Screw—Stat Cover
3	7006119	Screw—Air Horn	37	7002814	Plug—Lead Ball
4	120217	Lockwasher—Air Horn Screws	FLOAT BOWL PARTS		
5	7005876	Rod—Pump	38	7011213	Float Bowl Assy.
6	★7005032	Clip—Pump Rod	39	7010952	Cam—Fast Idle
7	7000266	Lever—Pump inside	40	7003561	Screw—Cam Attaching
8	7000263	Pump Shaft and Lever Assy.	41	7005817	Rod—Choke
9	7010424	Screw—Pump Lever	42	★7002117	Ball—Pump Discharge
10	★7009485	Pump Assy.	43	★7002118	Spring—Pump Discharge Ball
11	7009459	Air Horn Assy.	44	★7000286	Guide—Pump Discharge Spring
12	7000273	Float Assy.	45	★7000292	Gasket—Venturi Cluster
13	★7007502	Gasket—Choke Hsg.	47	★7004597	Spring—Pump Return
14	7002081	Pin—Float Hinge	48	7009212	Insert—Main Well
15	★7009458	Needle and Seat Assy.	49	7010874	Venturi Cluster
16	★7006079	Strainer—Needle Seat	50	7000293	Screw—Venturi Cluster—outer
17	7006841	Choke Housing Assy.	51	7000294	Screw—Venturi Cluster—center
18	7003135	Plug—Expansion—Large	52	★7000295	Gasket—Cluster Center Screw
19	7006475	Plug—Expansion—Small	53	121841	Lockwasher—Cluster Screw
20	145475	Fitting—Fuel Inlet	54	★7006331	Power Valve Assy.
21	7006011	Power Piston Assy.	55	★7001613	Gasket—Power Valve—Needle & Seat
22	7004821	Screw—Choke Hsg.	56	7001498	Jet—Std.
23	7010739	Baffle Plate	THROTTLE BODY PARTS		
24	1875051	Screw—Trip Lever	57	★7000298	Gasket—Throttle Body
25	7006596	Trip Lever	58	7009465	Throttle Body Assy.
26	7009248	Choke Lever and Collar Assy.	59	7005188	Screw—Throttle Body
27	7007627	Screw—Choke Valve	60	121744	Lockwasher—Throttle Body
28	★7002760	Gasket—Stat Cover	61	★7007008	Idle Needles
29	7006828	Valve—Choke	62	7003190	Spring—Idle Needles
30	7010733	Choke Shaft Assy.	63	7006213	Idle Stop Screw
31	7010848	Stat Cover & Coil Assy.	64	★3704952	Gasket—Flange
32	7008937	Piston—Choke			
33	7004748	Pin—Choke Piston			
34	7006846	Retainer—Stat Cover —Toothed			

★ Repair Kit Contents
 — New Parts

1957 CHEVROLET — MODEL 2GC CARBURETOR

Adjustment Procedures

BULLETIN 9C-320-C

1. FLOAT LEVEL

(1-1/4", Gauge BT-129)

With the air horn inverted and the gasket in place, position the float level gauge over the float so that it rests against the pump side of the power piston shaft, with the outer gauge leg in line with the center of the float. Bend the float arm to adjust.

2. FLOAT DROP

Bend the float tang as required to obtain a distance of 1-29/32" from the gasket surface to the bottom of the float, with the air horn upright and the float hanging free. Use scale or scribed mark on float and pump gauge.

3. PUMP ROD

(57/64", Gauge BT-129)

With the idle screw backed out and the throttle valves completely closed, bend the pump rod as necessary with tool BT-18 to obtain a distance of 57/64" from the top of the air horn casting to the top of the pump rod.

4. AUTOMATIC CHOKE

Loosen the three retaining screws and rotate the choke cover counter-clockwise against coil tension until the index mark is in line with the index point on the choke housing. At room temperature the choke valve should be lightly closed.

5. CHOKE ROD

(.089, Gauge BT-108)

Turn the idle screw in until it just contacts the second step of the fast idle cam. With the screw resting on the second step and against the high step, bend the choke lever tang with Tool BT-69 as necessary to admit the small end of the gauge between the upper edge of the choke valve and the air horn wall.

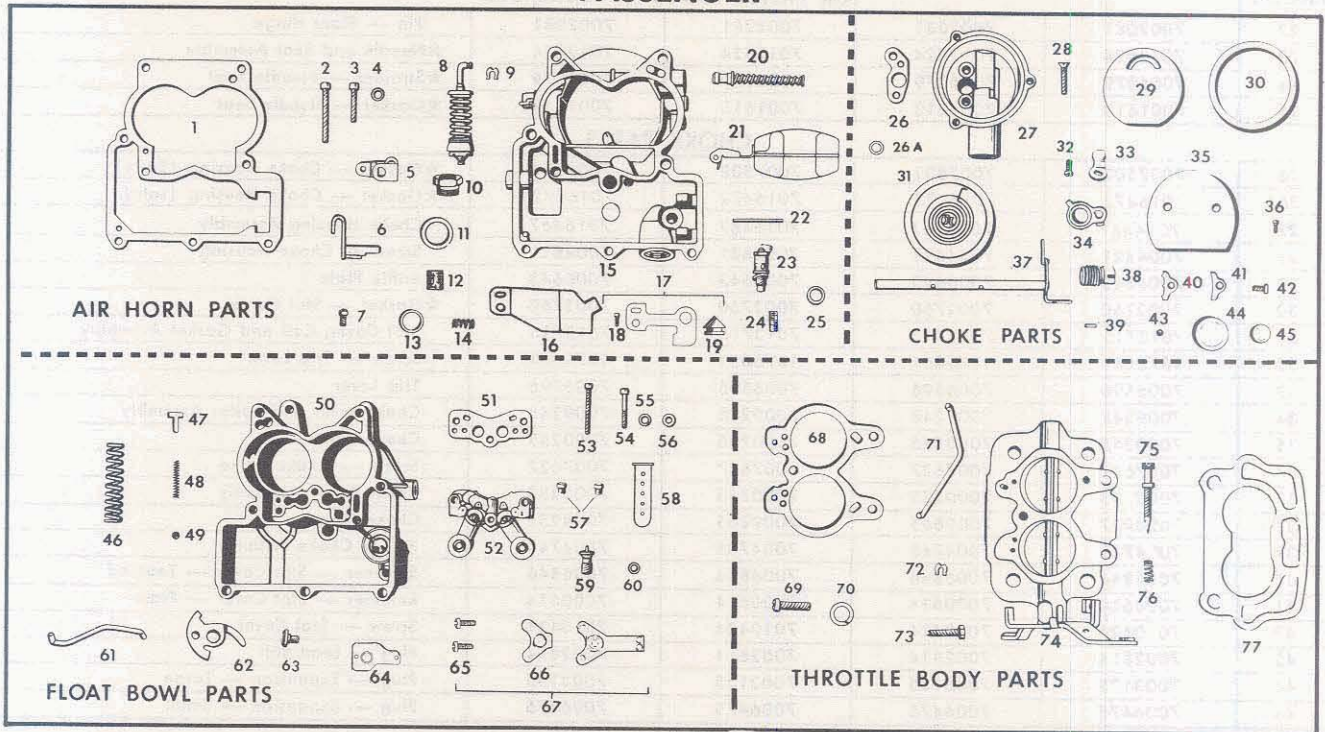
6. UNLOADER

(.360", Gauge BT-108)

Bend the unloader tang as necessary with Tool BT-69 to provide clearance for the large end of the gauge when the throttles are opened wide.

QUICK REFERENCE ADJUSTMENT SPECIFICATIONS

ADJUSTMENT	DIMENSION	GAUGE
Float Level	1-1/4"	BT-129
Float Drop	1-29/32"	BT-129 or Scale
Pump Rod	57/64"	BT 129
Automatic Choke	Index	—
Choke Rod	.089	BT-108
Unloader	.265	Use 17/64" Drill



PARTS SHOWN ARE FOR IDENTIFICATION ONLY. CONSULT PARTS LIST FOR CORRECT PART NAME AND NUMBER

	1959-1960		1959	YEAR
	AUTO. TRANS. STANDARD	AUTO. TRANS. AIR-COND.	AUTO. TRANS. CANADA	APPLICATION
7013007	7013008	7013018	7013082	CARBURETOR No.
7015904	7015905	7015905	7015905	REPLACEMENT PACKAGE No.
7015924	7015951	7015951	7015951	OVERHAUL KIT
TR-304	TR-304	TR-304	TR-304	OK KIT
7015952	7015952	7015952	7015952	GASKET KIT

Illus. No.	AIR HORN PARTS				
1	7008600	7008600	7008600	7008600	★Gasket — Air Horn
2	7010432	7010432	7010432	7010432	Screw — Air Horn (Long)
3	7006119	7006119	7006119	7006119	Screw — Air Horn (Short)
4	120217	120217	120217	120217	Lockwasher — Air Horn Screws
5	7000266	7000266	7000266	7000266	Lever — Pump Inside
6	7006975	7006975	7006975	7006975	Pump Shaft and Lever Assembly
7	7010424	7010424	7010424	7010424	Screw — Pump Lever
8	7019162	7019581	7019581	7019581	★Pump Assembly
9	7005032	7005032	7005032	7005032	★Clip — Pump Plunger
10	7013525	7013525	7013525	7013525	Nut — Fuel Inlet Filter
11	7010010	7010010	7010010	7010010	★Gasket — Filter Nut
12	7013404	7013404	7013404	7013404	Filter — Fuel Inlet
13	7013584	7013584	7013584	7013584	★Gasket — Fuel Filter
14	7010007	7010007	7010007	7010007	Spring — Fuel Filter
15	7013482	7013482	7013482	7013482	Air Horn Assembly
16	7012835	7012835	7012835	7012835	Shield — Idle Vent Valve
17	7012252	7012252	7012252	7012252	Idle Vent Valve Kit
18	7012548	7012548	7012548	7012548	Screw — Vent Valve and Shield
19	7007129	7007129	7007129	7007129	Idle Vent Valve
20	7006323	7006323	7006323	7006323	Power Piston Assembly
21	7012974	7012974	7012974	7012974	Float Assembly

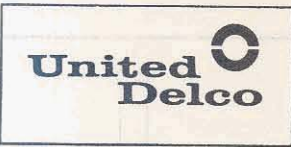
	1959-1960		1959		YEAR
	SYNCHROMESH	AUTO. TRANS. STANDARD	AUTO. TRANS. AIR-COND.	AUTO. TRANS. CANADA	APPLICATION
	7013007	7013008	7013018	7013082	CARBURETOR No.

Illus. No.	AIR HORN PARTS — Continued				
22	7002081	7002081	7002081	7002081	Pin — Float Hinge
23	7012524	7012524	7012524	7012524	★Needle and Seat Assembly
24	7006079	7006079	7006079	7006079	★Strainer — Needle Seat
25	7001613	7001613	7001613	7001613	★Gasket — Needle Seat

CHOKE PARTS					
26	7007502	7007502	7007502	7007502	★Gasket — Choke Housing (Early)
26A	7016472	7016472	7016472	7016472	★Gasket — Choke Housing (Late)
27	7016467	7016467	7016467	7016467	Choke Housing Assembly
28	7004821	7004821	7004821	7004821	Screw — Choke Housing
29	7006643	7006643	7006643	7006643	Baffle Plate
30	7002760	7002760	7002760	7002760	★Gasket — Stat Cover
31	7013715	7013715	7013715	7013715	Stat Cover, Coil and Gasket Assembly
32	1875051	1875051	1875051	1875051	Screw — Trip Lever
33	7006596	7006596	7006596	7006596	Trip Lever
34	7009248	7009248	7009248	7009248	Choke Lever and Collar Assembly
35	7000255	7000255	7000255	7000255	Choke Valve
36	7007627	7007627	7007627	7007627	Screw — Choke Valve
37	7000253	7000253	7000253	7000253	Choke Shaft Assembly
38	7008937	7009865	7009865	7008937	Choke Piston
39	7004748	7004748	7004748	7004748	Pin — Choke Piston
40	7006846	7006846	7006846	7006846	Retainer — Stat Cover — Toothed
41	7000614	7000614	7000614	7000614	Retainer — Stat Cover — Plain
42	7010424	7010424	7010424	7010424	Screw — Stat Cover
43	7002814	7002814	7002814	7002814	Plug — Lead Ball
44	7003135	7003135	7003135	7003135	Plug — Expansion — Large
45	7006475	7006475	7006475	7006475	Plug — Expansion — Small

FLOAT BOWL PARTS					
46	7004597	7004597	7004597	7004597	★Spring — Pump Return
47	7000286	7000286	7000286	7000286	★Guide — Pump Discharge
48	7002118	7002118	7002118	7002118	★Spring — Pump Discharge
49	7002117	7002117	7002117	7002117	★Ball — Pump Discharge
50	7013825	7013483	7013991	7013483	Float Bowl Assembly
51	7000292	7000292	7000292	7000292	★Gasket — Venturi Cluster
52	7013635	7013640	7013640	7013640	Venturi Cluster Assembly
53	7000293	7000293	7000293	7000293	Screw — Venturi Cluster — Outer
54	7000294	7000294	7000294	7000294	Screw — Cluster — Center
55	121841	121841	121841	121841	Lockwasher — Outer Screws
56	7000295	7000295	7000295	7000295	★Gasket — Center Screw
57	7002958	7001860	7001860	7001860	Jet — Standard
58	7009212	7009212	7009212	7009212	Insert — Main Well
59	7006331	7006331	7006331	7006331	★Power Valve Assembly
60	7001613	7001613	7001613	7001613	★Gasket — Power Valve
61	7005817	7005817	7005817	7005817	Choke Rod
62	7008494	7008494	7008494	7008494	Cam — Fast Idle
63	7003561	7003561	7003561	7003561	Screw — Cam Attaching
64	—	—	7013937	—	Cover Assembly — Idle Compensator
65	—	—	7015127	—	Screw — Idle Compensator
66	—	—	7013341	—	★Gasket — Idle Compensator
67	—	—	7015163	—	Idle Compensator Kit

THROTTLE BODY PARTS					
68	7013881	7013881	7013881	7013881	★Gasket — Throttle Body
69	7015105	7015105	7015105	7015105	Screw — Throttle Body
70	121744	121744	121744	121744	Lockwasher — Throttle Body Screws
71	7005816	7005816	7005816	7005816	Pump Rod
72	7005032	7005032	7005032	7005032	★Clip — Pump Rod
73	7013347	7013347	7013347	7013347	Idle Stop Screw
74	7013568	7013568	7013992	7013568	Throttle Body Assembly
75	7013470	7013470	7013470	7013470	★Idle Adjusting Needle
76	7011479	7011479	7011479	7011479	Spring — Idle Needle
77	3704952	3704952	3704952	3704952	★Gasket — Flange



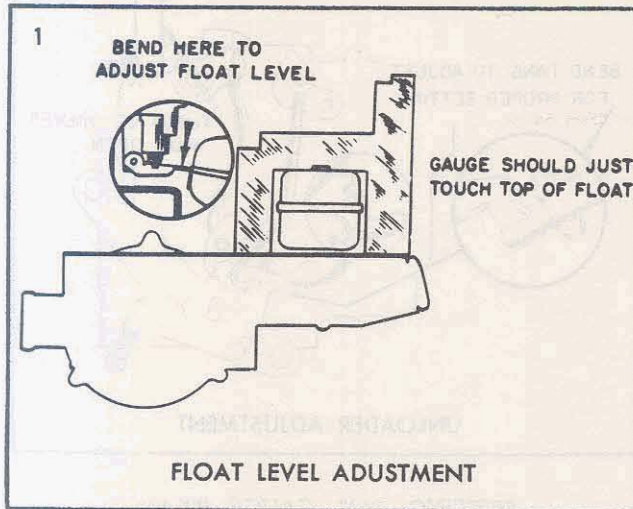
Delco Rochester

MODEL 2GC

1959-60 CHEVROLET "V-8"

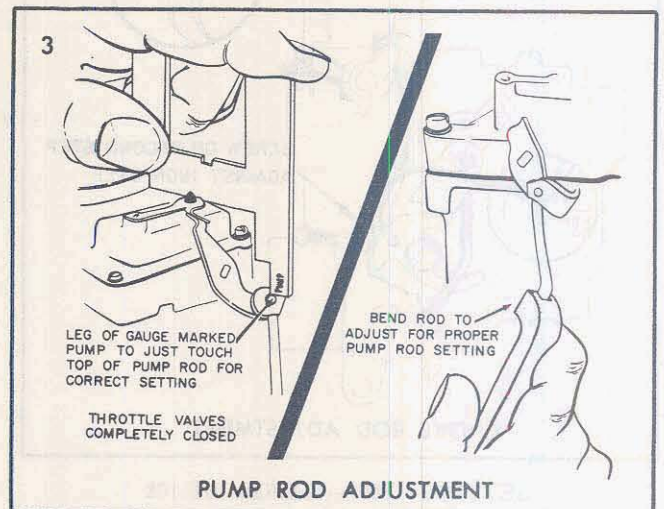
ADJUSTMENTS AND SPECIFICATIONS

BULLETIN 9C-321
PAGE 3 OF 4
DATE: DECEMBER, 1961



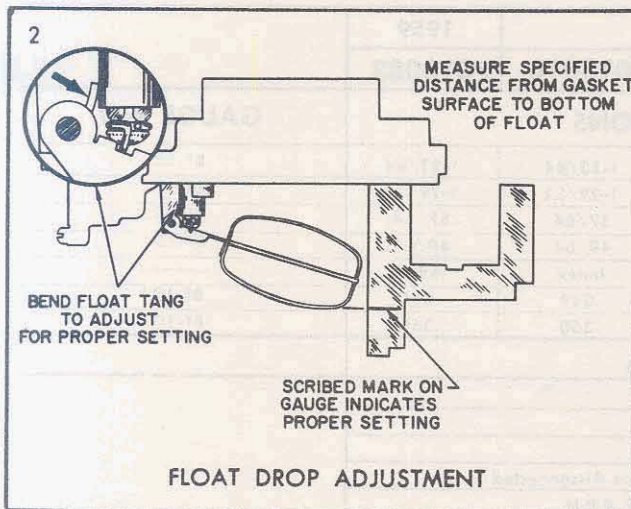
SETTING: 1-23/64" — GAUGE, BT-152

With the air horn inverted and the gasket in place, position the float level gauge over the float so that it rests against the pump side of the power piston shaft, with the outer gauge leg in line with the center of the float. Bend the float arm as shown, until bottom of float just touches gauge.



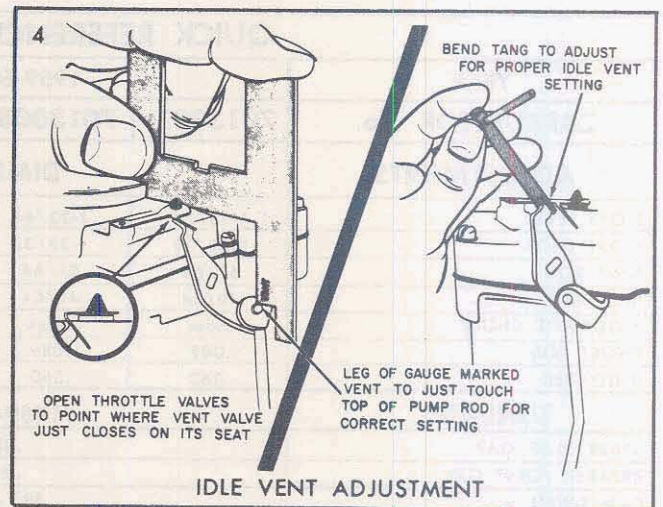
SETTING: 57/64" — GAUGE, BT-152

With the idle screw backed out and the throttle valves completely closed, bend the pump rod as necessary with tool BT-18 to obtain the proper measurement from the top of the pump housing to the top of the pump rod.



SETTING: 1-29/32" — GAUGE, BT-152

Bend the float tang as required to obtain a distance of 1-29/32" from the gasket surface to the bottom of the float, with the air horn upright and the float hanging free. Use scale or scribed mark on float and pump gauge.

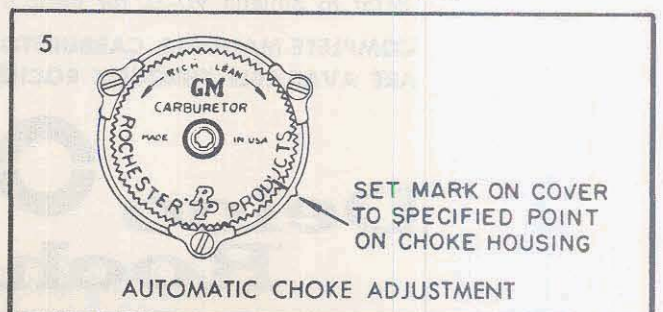


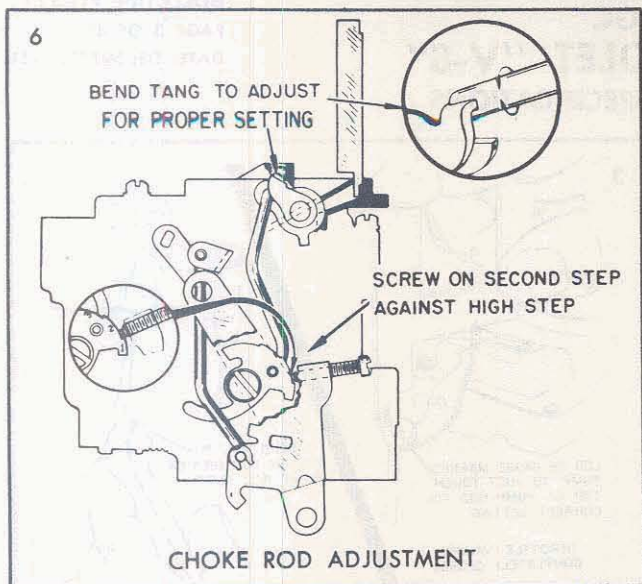
SETTING: 49/64" — GAUGE, BT-152

Note: Make pump rod adjustment before adjusting idle vent valve. Place Gauge BT-152 on top of pump housing on air horn, as shown, with leg of gauge marked "Vent" above pump rod. Slowly open throttle valves until vent valve just closes. With throttle valves held in this position, lower edge of gauge leg marked "Vent" should just touch top of pump rod. To adjust bend tang on pump lever as shown.

SETTING — INDEX

Loosen the three retaining-screws and rotate the choke cover counter-clockwise against coil tension until the index mark is in line with the index point on the choke housing. At room temperature the choke valve should be lightly closed.

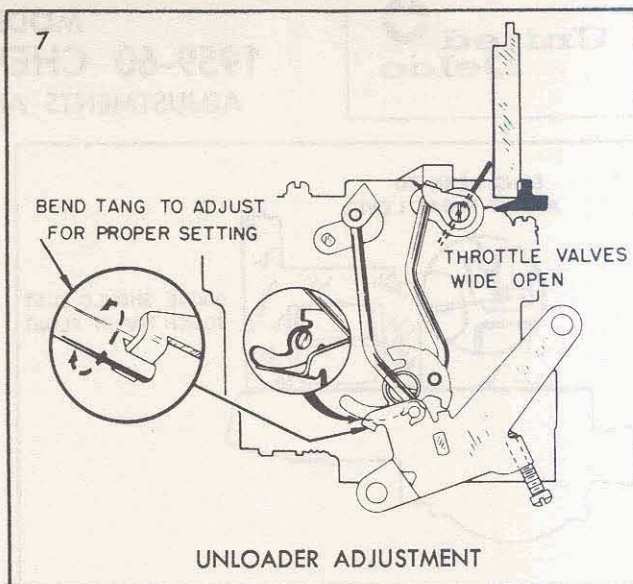




CHOKE ROD ADJUSTMENT

SETTING: .089" — GAUGE, BT-108

Turn the idle screw in until it just contacts the second step of the fast idle cam. With the screw resting on the second step and against the high step, bend the choke lever tang with Tool BT-69 as necessary to admit the small end of the gauge between the upper edge of the choke valve and the air horn wall.



UNLOADER ADJUSTMENT

SETTING: .360" — GAUGE, BT-108

With the throttle valves held wide open, the choke valve should be open just enough to admit the large end of Gauge BT-108, Dimension .360", between the upper edge of the choke valve and the inner air horn wall. To adjust, bend the tang on the throttle lever as shown with Bending Tool BT-69.

QUICK REFERENCE SPECIFICATIONS

YEAR	1959-60			1959	
CARBURETOR No.	7013007	7013008	7013018	7013082	
ADJUSTMENTS	DIMENSIONS				GAUGE NO.
FLOAT LEVEL	1-23/64	1-23/64	1-23/64	1-23/64	BT-152
FLOAT DROP	1-29/32	1-29/32	1-29/32	1-29/32	BT-152
PUMP ROD	57/64	57/64	57/64	57/64	BT-152
IDLE VENT	49/64	49/64	49/64	49/64	BT-152
AUTOMATIC CHOKE	Index	Index	Index	Index	
CHOKE ROD	.089	.089	.089	.089	BT-108
UNLOADER	.360	.360	.360	.360	BT-108
TUNE-UP		1959-1960			
SPARK PLUG GAP	.035				
BREAKER POINT GAP	.016				
CAM DWELL	28° - 32°				
IGNITION TIMING	4° BTDC at Idle Dist. Vac. Line Disconnected Synchronesh — 475 R.P.M.				
IDLE R.P.M.	Automatic Transmission — 450 R.P.M. "DR" Note: Idle Compensator Valve on A.C. Models must be closed when adjusting idle.				

NOTE: For complete carburetor specifications, refer to 9D-1 Section of the Parts and Service Manual.

Refer to Bulletin 9D-10 for basic operation and overhaul procedures.

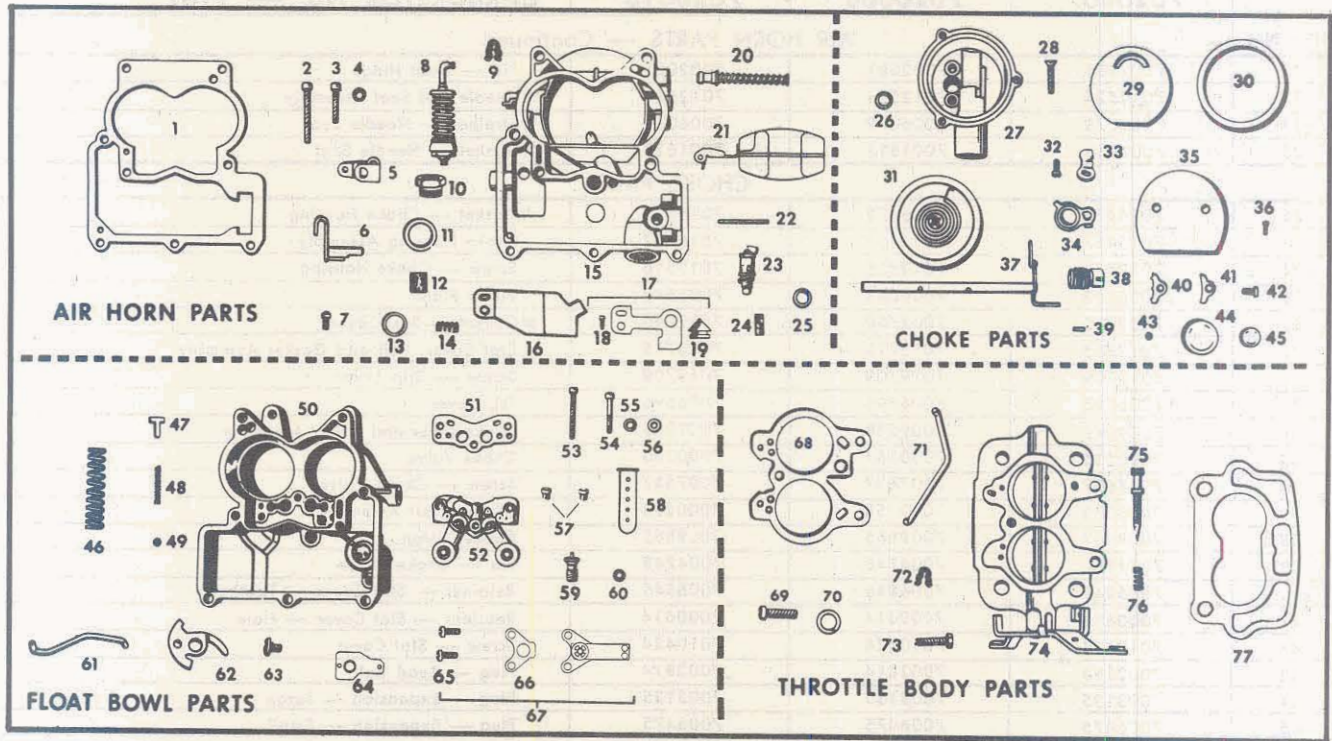
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ARE AVAILABLE THROUGH ROCHESTER CARBURETOR DISTRIBUTORS**


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Delco Rochester

MODEL 2GC CARBURETORS

1961-62 CHEVROLET V-8 PASSENGER



PARTS SHOWN ARE FOR IDENTIFICATION ONLY. CONSULT PARTS LIST FOR CORRECT PART NAME AND NUMBER

	SYNCHROMESH	AUTO. TRANS. STANDARD	AUTO. TRANS. AIR-COND.	APPLICATION
	7019007	7019008	7019018	CARBURETOR No. — 1961
	7020007	7020008	7020018	CARBURETOR No. — 1962
	7015904	7015905	7015905	REPLACEMENT PACKAGE No. — 1961
	7016209	7016210	7016210	REPLACEMENT PACKAGE No. — 1962
	7015924	7015951	7015951	OVERHAUL KIT
	TR-304	TR-304	TR-304	OK KIT
	7015952	7015952	7015952	GASKET KIT

Illus. No.	AIR HORN PARTS			
1	7008600	7008600	7008600	★Gasket — Air Horn
2	7010432	7010432	7010432	Screw — Air Horn (Long)
3	7006119	7006119	7006119	Screw — Air Horn (Short)
4	120217	120217	120217	Lockwasher — Air Horn Screws
5	7000266	7000266	7000266	Lever — Pump Inside
6	7006975	7006975	7006975	Pump Shaft and Lever Assembly
7	7010424	7010424	7010424	Screw — Pump Lever
8	7019162	7019164	7019164	★Pump Assembly
9	1875293	1875293	1875293	★Clip — Pump Plunger
10	7013525	7013525	7013525	Filter — Fuel Filter
11	7010010	7010010	7010010	★Gasket — Filter Nut
12	7013404	7013404	7013404	Filter — Fuel Inlet
13	7013584	7013584	7013584	★Gasket — Fuel Filter
14	7010007	7010007	7010007	Spring — Fuel Filter
15	7013482	7013482	7013482	Air Horn Assembly — 1961
16	7021479	7021479	7021479	Air Horn Assembly — 1962
16	7012835	7012835	7012835	Shield — Idle Vent Valve
17	7012252	7012252	7012252	Idle Vent Valve Kit
18	7012548	7012548	7012548	Screw — Vent Valve and Shield
19	7007129	7007129	7007129	Idle Vent Valve
20	7006323	7020296	7020296	Power Piston Assembly
21	7012974	7012974	7012974	Float Assembly

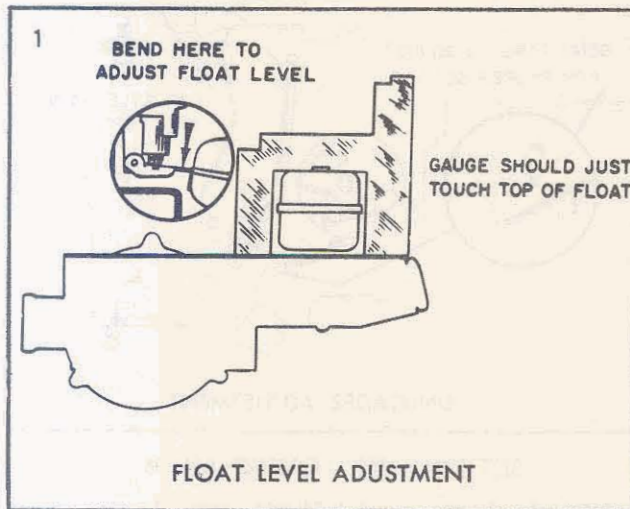
	SYNCHROMESH	AUTO. TRANS. STANDARD	AUTO. TRANS. AIR-COND.	APPLICATION
	7019007	7019008	7019018	CARBURETOR No. — 1961
	7020007	7020008	7020018	CARBURETOR No. — 1962

Illus. No.	AIR HORN PARTS — Continued			
22	7002081	7002081	7002081	Pin — Float Hinge
23	7012524	7012524	7012524	★Needle and Seat Assembly
24	7006079	7006079	7006079	★Strainer — Needle Seat
25	7001613	7001613	7001613	★Gasket — Needle Seat

CHOKE PARTS				
26	7016472	7016472	7016472	★Gasket — Choke Housing
27	7016467	7016467	7016467	Choke Housing Assembly
28	7019516	7019516	7019516	Screw — Choke Housing
29	7006643	7006643	7006643	Baffle Plate
30	7002760	7002760	7002760	★Gasket — Stat Cover
31	7013715	7013715	7013715	Stat Cover, Coil and Gasket Assembly
32	7019709	7019709	7019709	Screw — Trip Lever
33	7006596	7006596	7006596	Trip Lever
34	7009248	7009248	7009248	Choke Lever and Collar Assembly
35	7000255	7000255	7000255	Choke Valve
36	7007627	7007627	7007627	Screw — Choke Valve
37	7000253	7000253	7000253	Choke Shaft Assembly
38	7008937	7009865	7009865	Choke Piston
39	7004748	7004748	7004748	Pin — Choke Piston
40	7006846	7006846	7006846	Retainer — Stat Cover — Toothed
41	7000614	7000614	7000614	Retainer — Stat Cover — Plain
42	7010424	7010424	7010424	Screw — Stat Cover
43	7002814	7002814	7002814	Plug — Lead Ball
44	7003135	7003135	7003135	Plug — Expansion — Large
45	7006475	7006475	7006475	Plug — Expansion — Small

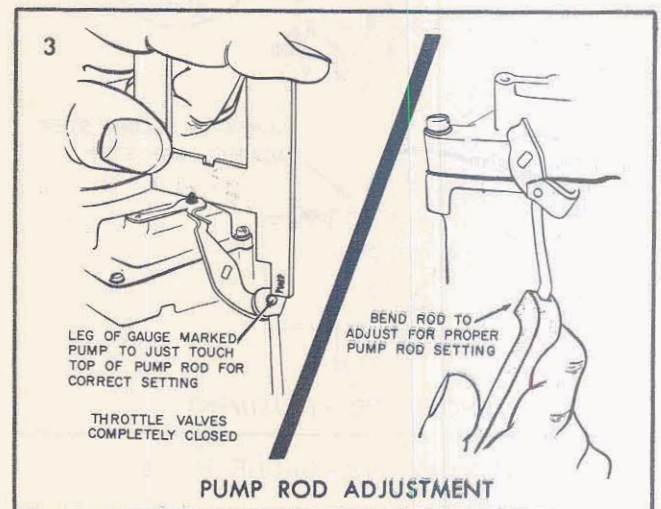
FLOAT BOWL PARTS				
46	7004597	7004597	7004597	★Spring — Pump Return
47	7000286	7000286	7000286	★Guide — Pump Discharge
48	7002118	7002118	7002118	★Spring — Pump Discharge
49	7002117	7002117	7002117	★Ball — Pump Discharge
50	7013825	7013483	7013991	Float Bowl Assembly
51	7000292	7000292	7000292	★Gasket — Venturi Cluster
52	7013635	7013640	7013640	Venturi Cluster Assembly
53	7000293	7000293	7000293	Screw — Venturi Cluster — Outer
54	7000294	7000294	7000294	Screw — Cluster — Center
55	121841	121841	121841	Lockwasher — Outer Screws
56	7000295	7000295	7000295	★Gasket — Center Screw
57	7002958	7001860	7001860	Jet — Standard
58	7009212	7009212	7009212	Insert — Main Well
59	7006331	7006331	7006331	★Power Valve Assembly
60	7001613	7001613	7001613	★Gasket — Power Valve
61	7005817	7005817	7005817	Choke Rod
62	7008494	7008494	7008494	Cam — Fast Idle
63	7003561	7003561	7003561	Screw — Cam Attaching
64	—	—	7013937	Cover Assembly — Idle Compensator
65	—	—	7015127	Screw — Idle Compensator
66	—	—	7013341	★Gasket — Idle Compensator
67	—	—	7015163	Idle Compensator Kit

THROTTLE BODY PARTS				
68	7013881	7013881	7013881	★Gasket — Throttle Body
69	7015105	7015105	7015105	Screw — Throttle Body
70	121744	121744	121744	Lockwasher — Throttle Body Screws
71	7005816	7005816	7005816	Pump Rod
72	1875293	1875293	1875293	★Clip — Pump Rod
73	7013347	7013347	7013347	Idle Stop Screw
74	7013568	7013568	7013992	Throttle Body Assembly
75	7013470	7013470	7013470	★Idle Adjusting Needle
76	7011479	7011479	7011479	Spring — Idle Needle
77	3704952	3704952	3704952	★Gasket — Flange



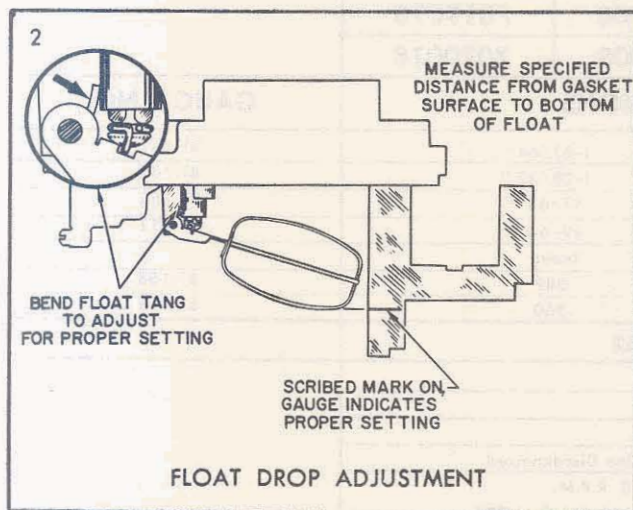
SETTING: $1\frac{23}{64}$ "—GAUGE, BT-152

With the air horn inverted and the gasket in place, position the float level gauge over the float so that it rests against the pump side of the power piston shaft, with the outer gauge leg in line with the center of the float. Bend the float arm as shown, until bottom of float just touches gauge.



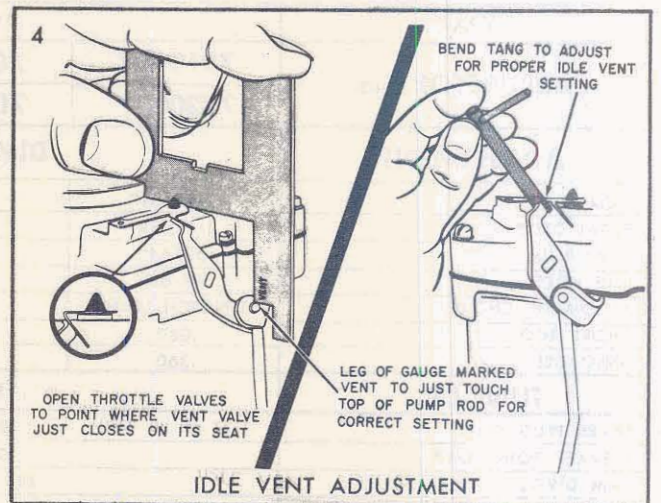
SETTING: $57\frac{64}{64}$ "—GAUGE, BT-152

With the idle screw backed out and the throttle valves completely closed, bend the pump rod as necessary with tool BT-18 to obtain the proper measurement from the top of the pump housing to the top of the pump rod.



SETTING: $1\frac{29}{32}$ "—GAUGE, BT-152

Bend the float tang as required to obtain a distance of $1\frac{29}{32}$ " from the gasket surface to the bottom of the float, with the air horn upright and the float hanging free. Use scale or scribed mark on float and pump gauge.

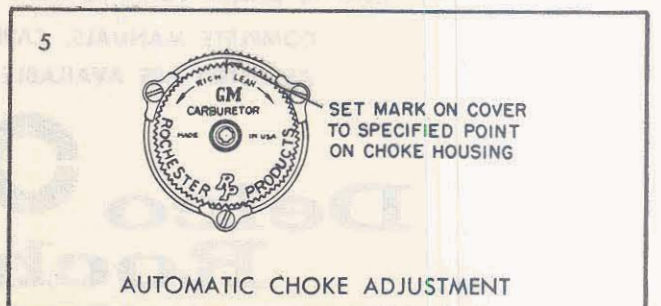


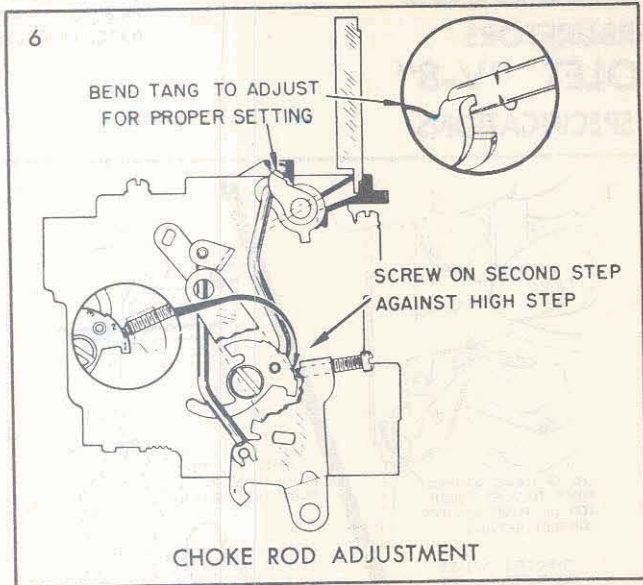
SETTING: $49\frac{64}{64}$ "—GAUGE, BT-152

Note: Make pump rod adjustment before adjusting idle vent valve. Place Gauge BT-152 on top of pump housing on air horn, as shown, with leg of gauge marked "Vent" above pump rod. Slowly open throttle valves until vent valve just closes. With throttle valves held in this position, lower edge of gauge leg marked "Vent" should just touch top of pump rod. To adjust bend tang on pump lever as shown.

CHOKE SETTING
 INDEX — 7019008, 7019018, 7020008, 7020018
 1 NOTCH LEAN — 7019007, 7020007

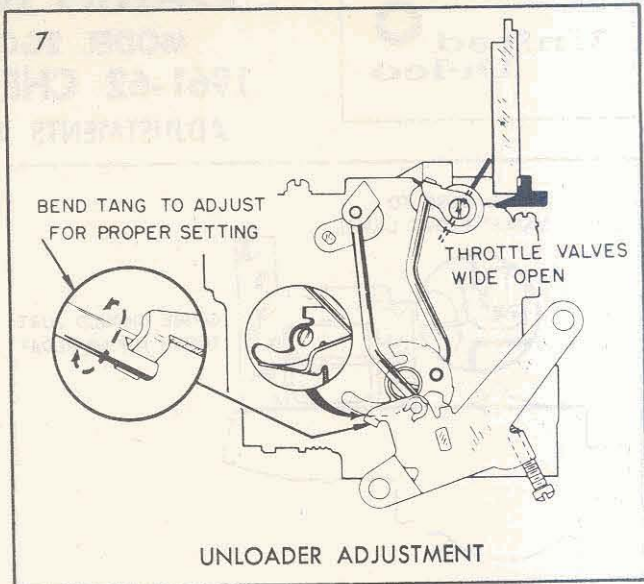
Loosen the three retaining-screws and rotate the choke cover counter-clockwise against coil tension until the index mark is in line with the index point on the choke housing. At room temperature the choke valve should be lightly closed.





SETTING: .089" — GAUGE, BT-108

Turn the idle screw in until it just contacts the second step of the fast idle cam. With the screw resting on the second step and against the high step, bend the choke lever tang with Tool BT-69 as necessary to admit the small end of the gauge between the upper edge of the choke valve and the air horn wall.



SETTING: .360" — GAUGE, BT-108

With the throttle valves held wide open, the choke valve should be open just enough to admit the large end of Gauge BT-108, Dimension .360", between the upper edge of the choke valve and the inner air horn wall. To adjust, bend the tang on the throttle lever as shown with Bending Tool BT-69.

QUICK REFERENCE SPECIFICATIONS

YEAR	1961-62			
CARBURETOR No.	7019007	7019008	7019018	
	7020007	7020008	7020018	
ADJUSTMENTS	DIMENSIONS		GAUGE NO.	
FLOAT LEVEL	1-23/64"		1-23/64"	BT-152
FLOAT DROP	1-29/32"		1-29/32"	BT-152
PUMP ROD	57/64"		57/64"	BT-152
IDLE VENT	49/64"		49/64"	BT-152
AUTOMATIC CHOKE	1-NOTCH LEAN		Index	BT-108
CHOKE ROD	.089		.089	BT-108
UNLOADER	.360		.360	
TUNE-UP	1961-62			
SPARK PLUG GAP	.035			
BREAKER POINT GAP	.016			
CAM DWELL	28° - 32°			
IGNITION TIMING	4° BTDC at Idle Dist. Vac. Line Disconnected			
	Synchronesh — 475 R.P.M.			
	Automatic Transmission — 450 R.P.M. "DR"			
IDLE R.P.M.	Note: Idle Compensator Valve on Air Cond. Models must be closed when adjusting idle.			

NOTE: For complete carburetor specifications, refer to 9D-1 Section of the Parts and Service Manual.
Refer to Bulletin 9D-10 for basic operation and overhaul procedures.

**COMPLETE MANUALS, CARBURETOR TOOLS AND GAUGES
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