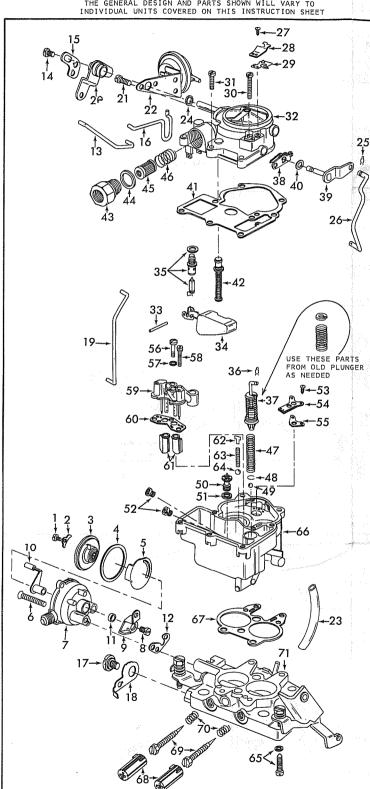
INSTRUCTION SHEET ROCHESTER CARBURETOR — MODELS 2G-2GC-2GV

GENERAL EXPLODED VIEW

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



DISASSEMBLY

USE EXPLODED VIEW AS A GUIDE. SOME UNITS WILL NOT HAVE AUTOMATIC CHOKE PARTS. THE NUMERICAL SEQUENCE MAY GENERALLY BE FOLLOWED TO DISASSEMBLE UNIT FAR ENOUGH TO PERMIT CLEANING AND INSPECTION. NOTE: TO REMOVE PUMP (37) ON LATE MODELS TWIST UPSET END WITH SMALL PLIERS UNTIL IT BREAKS. SERVICE PUMP WILL HAVE A RETAINING CLIP. REMOVE STAKING FROM BOWL COVER FOR EASY REMOVAL OF POWER PISTON ASSEMBLY (42).

NOMENCLATURE

REF. NO.		REF NO.	
NO. 1. SCREW (3) - (2) RETAINER (3) 3. 3. CHOKE COVER 4. GASKET - CHOKE 5. PLATE - CHOKE 6. SCREW (2) - (7) CHOKE 6. SCREW (2) - (7) CHOKE 6. SCREW (2) - (7) CHOKE 6. SCREW - LEVER 10. SHAFT 12. GASKET - CHOKE 13. ROD - INTERME 15. LEVER - CHOKE 16. LINK - VACUUM 17. SCREW - FAST 18. CAM - FAST 19. ROD - CHOKE 20. LEVER ASSY. 21. SCREW (2) - V2. VACUUM BREAK 23. HOSE - VACUUM 24. SEAL - CHOKE 25. RETAINER - PL 26. ROD - PUMP 27. SCREW - VENT 28. SHIELD - VENT 29. VALVE - IDLE 30. SCREW (1) - E 31. SCREW (7) - E 32. BOWL COVER A 33. PIN - FLOAT 18. LEVER 15. RETAINER - PL 37. PUMP ASSY. 38. LEVER - INNER	O - CHOKE COVER 6 SPRING ASSY KE COVER E BAFFLE CHOKE HOUSING NG ASSY: RMEDIATE CHOKE RMEDIATE CHOKE KE HOUSING BEDIATE CHOKE A BERAK IDLE CAM CAM CASSY. A BREAK SHAFT (S/M) MP ROD VALVE I V	ETAINER 39. 40. 41. 42. 45. 46. 47. 50. 51. 52. 53. 54. 55. 66. 67. 68. 69. 70. 70.	PUMP LEVER SHAFT WASHER - PLASTIC (S/M) GASKET - BOWL COVER POWER PISTON ASSY. FITTING - FUEL INLET GASKET - FITTING FILTER - FUEL SPRING - FUEL FILTER SPRING - FUEL FILTER SPRING - PUMP RETURN RETAINER - INTAKE CHECK POWER VALVE ASSY. GASKET - POWER VALVE JETS (2) - MAIN SCREW (2) - IDLE COMPENSATOR VALVE VALVE ASSY IDLE COMPENSATOR (S/M) GASKET - IDLE COMPENSATOR VALVE SCREW - VENTURI CLUSTER CENTER GASKET - CENTER SCREW SCREW & LOCKWASHER (2) - VENTURI CLUSTER VENTURI CLUSTER ASSY. GASKET - WENTURI ASSY. INSERT - MAIN WELL (S/M) GUIDE - PUMP DISC. SPRING SPRING - PUMP DISC. SCREW & LOCKWASHER - THROTTLE BODY BOWL ASSY. GASKET - THROTTLE BODY CAP (2) - IDLE LIMITER SPRING (2) - IDLE ADJUSTING
CLEANING			

CLEANING MUST BE DONE WITH CARBURETOR DISASSEMBLED. USE A CARBURETOR CLEANING SOLVENT TO SOAK PARTS LONG ENOUGH TO SOFTEN AND REMOVE ALL FOREIGN MATERIAL. MAKE CERTAIN THE THROTTLE BORES ARE FREE OF ALL CARBON AND VARNISH DEPOSITS. RINSE OFF IN SUITABLE SOLVENT. BLOW OUT ALL PASSAGES IN CASTINGS WITH COMPRESSED AIR AND CHECK CAREFULLY TO INSURE THOROUGH CLEANING OF OBSCURE AREAS. CAUTION: DO NOT SOAK FLOAT SOLENOIDS, DIAPHRAGM UNITS, PLASTIC WASHER (40) WHEN USED OR RUBBER PARTS IN CLEANING SOLVENTS. DO NOT SAND, WIRE BRUSH, OR FILE ON TEFLON COATED SHAFTS.

REASSEMBLY

REASSEMBLE IN REVERSE ORDER OF DISASSEMBLY. NOTE SPECIAL INSTRUCTIONS AND FOLLOW NUMERICAL OUTLINE IN MAKING ADJUSTMENTS NECESSARY FOR CARBURETOR BEING SERVICED.

SPECIAL INSTRUCTIONS

IDLE ADJUSTING NEEDLES (69) - TURN EACH NEEDLE IN LIGHTLY UNTIL SEATED THEN BACK OUT 2 TURNS. (DO NOT INSTALL IDLE LIMITER CAPS AT THIS TIME.)

POWER PISTON INSTALLATION (42) - LIGHTLY STAKE CASTING AROUND WASHER.

PUMP (37) - INSTALL SPRING & RETAINER FROM OLD PUMP IF NEEDED.

NEEDLE & SEAT GASKET SELECTION (35) - WHEN TWO NEEDLE SEAT GASKETS ARE SUPPLIED, USE THIN GASKET FIRST, IF FLOAT MEASUREMENT IS EXTREMELY LOW, THEN REPLACE WITH THICKER GASKET.

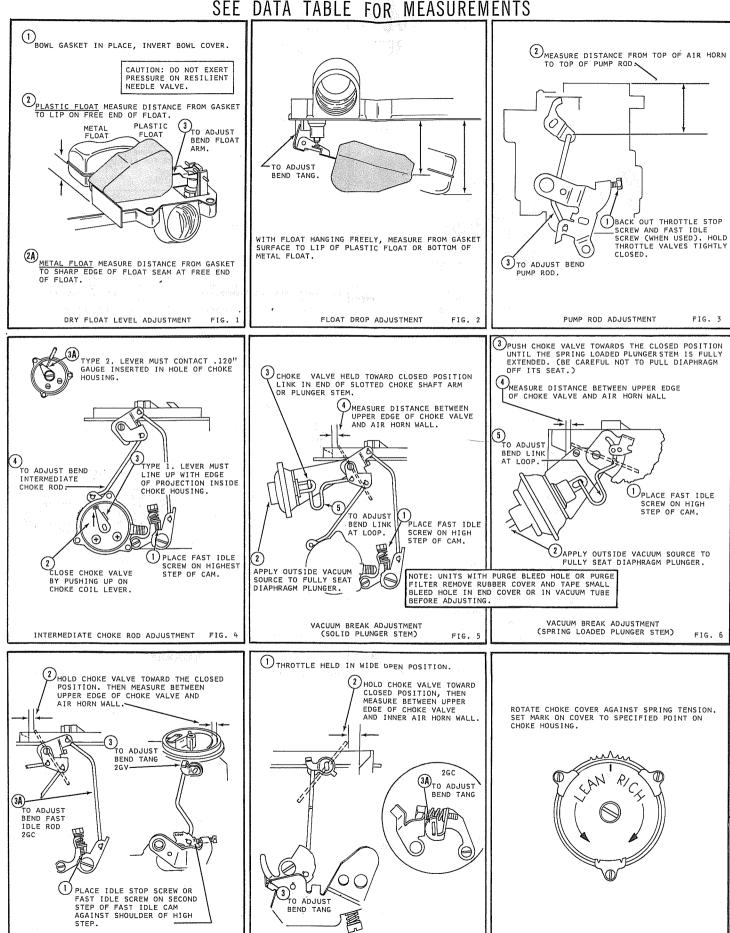
DUST SEALS (24)(11) - INSTALL SEAL WITH LIP FACING OUT.



AIR HORN TIGHTENING SEQUENCE

VACUUM BREAK ASSY. - WHERE TWO ARE USED AS (BUICK) ADJ. PRIMARY FIRST THEN SECONDARY FOLLOWING PROCEDURE IN FIG. 5 $\&\,6$

ADJUSTMENTS SEE DATA TABLE FOR MEASUREMENTS



CHOKE UNLOADER ADJUSTMENT

FIG. 8

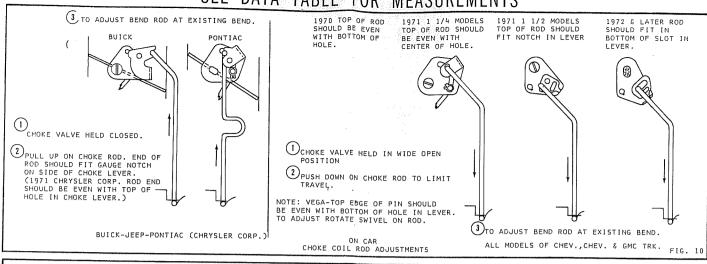
AUTOMATIC CHOKE ADJUSTMENT 2GC

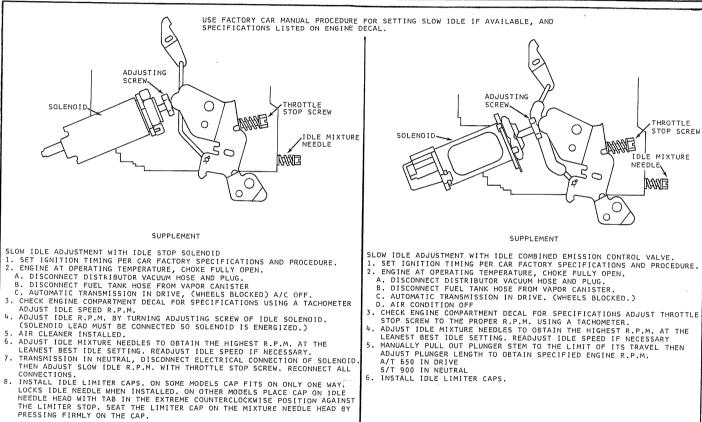
FIG. 9

(FAST IDLE CAM)
CHOKE ROD ADJUSTMENT

FIG. 7

ADJUSTMENTS SEE DATA TABLE FOR MEASUREMENTS





SLOW IDLE ADJUSTMENT

