

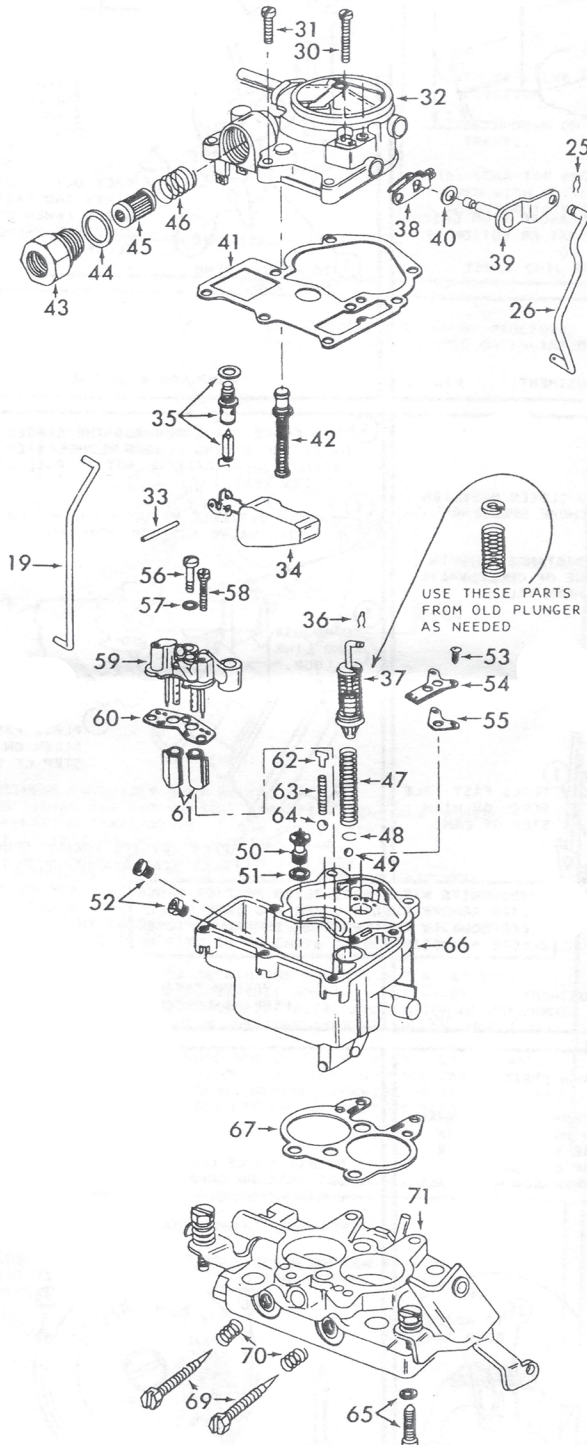
# ROCHESTER

## 2G - 2GC - 2GV

### 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 PLIERS UNTIL IT BREAKS. SERVICE PUMP WILL HAVE A RETAINING CLIP. REMOVE STAKING FROM BOWL COVER FOR EASY REMOVAL OF POWER PISTON ASSEMBLY(42).



- REF. NO.**
1. SCREW(3)-CHOKE COVER RETAINER
  2. RETAINER(3)-CHOKE COVER
  3. CHOKE COVER & SPRING ASSEMBLY
  4. GASKET-CHOKE COVER
  5. PLATE-CHOKE BAFFLE
  6. SCREW(2)-CHOKE HOUSING
  7. CHOKE HOUSING ASSY.
  8. SCREW-LEVER
  9. LEVER-INTERMEDIATE CHOKE
  10. SHAFT ASSY.-INTERMEDIATE CHOKE
  11. SEAL-INTERMEDIATE CHOKE SHAFT
  12. GASKET-CHOKE HOUSING
  13. ROD-INTERMEDIATE CHOKE
  14. SCREW-LEVER
  15. LEVER-CHOKE
  16. LINK-VACUUM BREAK
  17. SCREW-FAST IDLE CAM
  18. CAM-FAST IDLE
  19. ROD-CHOKE
  20. LEVER ASSY.-CAM
  21. SCREW(2)-VACUUM BREAK
  22. VACUUM BREAK ASSY.
  23. HOSE-VACUUM BREAK
  24. SEAL-CHOKE SHAFT (S/M)
  25. RETAINER-PUMP ROD
  26. ROD-PUMP
  27. SCREW-VENT VALVE
  28. SHIELD-VENT VALVE
  29. VALVE-IDLE VENT (S/M)
  30. SCREW(1)-BOWL COVER LONG
  31. SCREW(7)-BOWL COVER
  32. BOWL COVER ASSY.
  33. PIN-FLOAT HINGE
  34. FLOAT & LEVER ASSY.
  35. NEEDLE, SEAT & GASKET ASSY.
  36. RETAINER-PUMP (S/M)

- REF. NO.**
37. PUMP ASSY.
  38. LEVER-INNER PUMP
  39. PUMP LEVER SHAFT
  40. WASHER-PLASTIC (S/M)
  41. GASKET-BOWL COVER
  42. POWER PISTON ASSY.
  43. FITTING-FUEL INLET
  44. GASKET-FITTING
  45. FILTER-FUEL
  46. SPRING-FUEL FILTER
  47. SPRING-PUMP RETURN
  48. RETAINER-INTAKE CHECK BALL (S/M)
  49. BALL-PUMP INTAKE CHECK
  50. POWER VALVE ASSY.
  51. GASKET-POWER VALVE
  52. JETS(2)-MAIN
  53. SCREW(2)-IDLE COMPENSATOR VALVE
  54. VALVE ASSY.-IDLE COMPENSATOR (S/M)
  55. GASKET-IDLE COMPENSATOR VALVE
  56. SCREW-VENTURI CLUSTER CENTER
  57. GASKET-CENTER SCREW
  58. SCREW & LOCKWASHER(2)-VENTURI CLUSTER
  59. VENTURI CLUSTER ASSY.
  60. GASKET-VENTURI ASSY.
  61. INSERT-MAIN WELL (S/M)
  62. GUIDE-PUMP DISC. SPRING
  63. SPRING-PUMP DISC. BALL
  64. BALL-PUMP DISC.
  65. SCREW & LOCKWASHER-THROTTLE BODY
  66. BOWL ASSY.
  67. GASKET-THROTTLE BODY
  68. CAP(2)-IDLE LIMITER
  69. NEEDLE(2)-IDLE ADJUSTING
  70. SPRING(2)-IDLE ADJ. NEEDLE
  71. THROTTLE BODY ASSY. (S/M) = SOME MODELS

### 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 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(11)(24)-INSTALL SEAL WITH LIP FACING OUT

AIR HORN TIGHTENING SEQUENCE

