

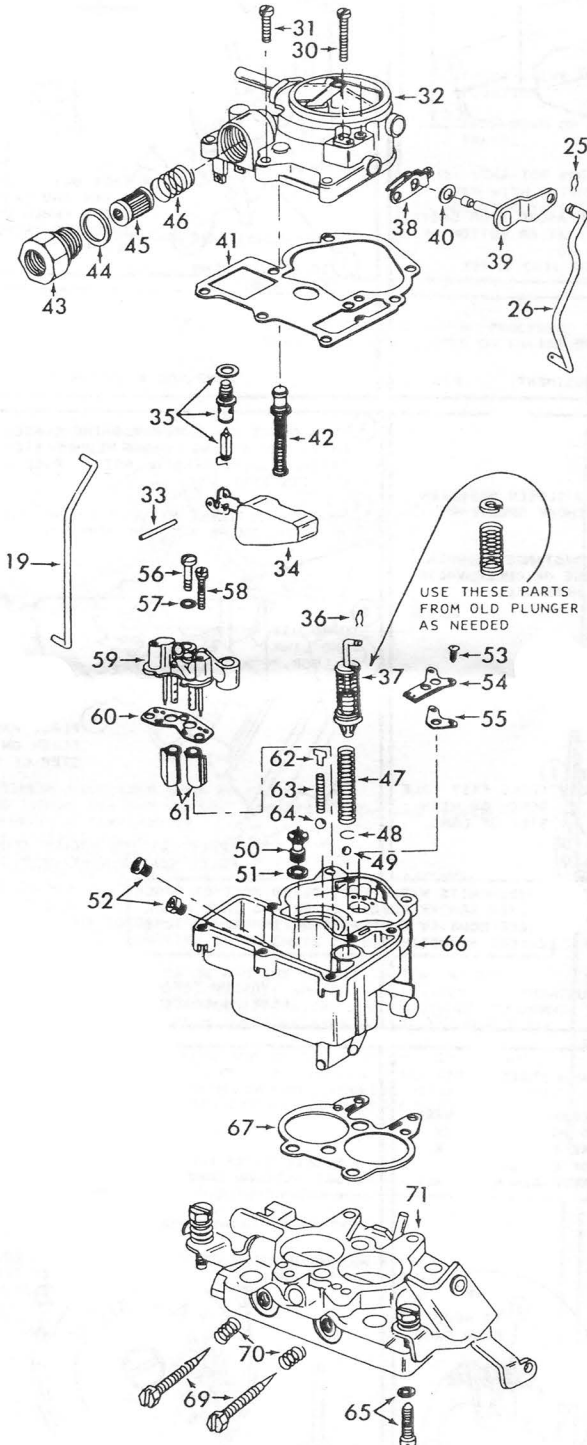
DISASSEMBLY

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. | DESCRIPTION |
|----------|--------------------------------|
| 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. | DESCRIPTION |
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| 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 |



USE THESE PARTS FROM OLD PLUNGER AS NEEDED

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

