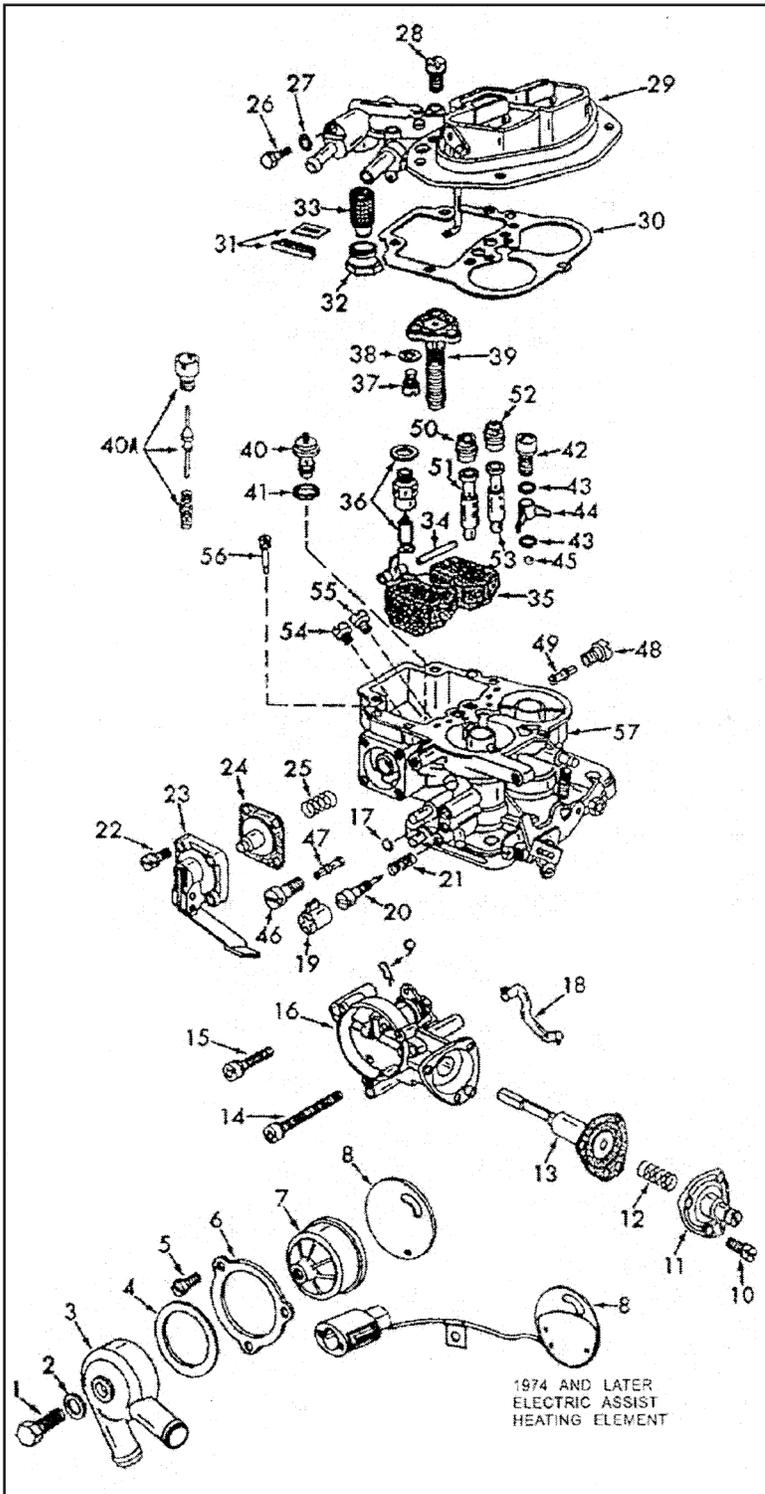




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**#043-03C-KIT Complete Rebuild Kit**  
**Fits Weber 32/36 DGEV-DGAV**  
**Weber 38 DGAS EMPI EPC 32/36 & 38**



**NOMENCLATURE**

- |                               |                                 |
|-------------------------------|---------------------------------|
| 1. SCREW-CHOKE WATER HOUSING  | 29. BOWL COVER ASSY.            |
| 2. GASKET- HOUSING SCREW      | 30. GASKET - BOWL COVER         |
| 3. HOUSING-CHOKE WATER        | 31. PLUG & CHOKE ROD SEAL       |
| 4. GASKET -WATER HOUSING      | 32. PLUG - FUEL FILTER          |
| 5. SCREW (3)-RETAINING RING   | 33. FILTER - FUEL               |
| 6. RING - STAT RETAINING      | 34. PIN -FLOAT HINGE            |
| 7. CHOKE COVER & SPRING ASSY. | 35. FLOAT ASSY.                 |
| 8. GASKET - CHOKE COVER       | 36. NEEDLE, SEAT & GASKET ASSY. |
| 9. RETAINER - CHOKE ROD       | 37. SCREW & LOCKWASHER (3)-     |
| 10. SCREW & LOCK WASHER (3) - | DIAPHRAGM ASSY.                 |
| 11. COVER ASSY. - DIAPHRAGM   | 38. WASHER (3) - FLAT           |
| 12. SPRING - DIAPHRAGM RETURN | 39. DIAPHRAGM ASSY. -           |
| 13. DIAPHRAGM ASSY. CHOKE     | ECONOMIZER                      |
| 14. SCREW & LOCK WASHER (1)   | 40. POWER VALVE ASSY. (POWER    |
| CHOKE HOUSING                 | VALVE ASSY. SOME MODEL)         |
| 15. SCREW & LOCK WASHER (2)   | 41. GASKET - POWER VALVE        |
| CHOKE HOUSING                 | 42. SCREW PUMP DISCHARGE        |
| 16. CHOKE HOUSING ASSY.       | NOZZLE                          |
| 17. O-RING - CHOKE HOUSING    | 43. GASKET (2) PUMP NOZZLE      |
| 18. ROD - FAST IDLE           | 44. NOZZLE - PUMP DISCHARGE     |
| 19. CAP - IDLE LIMITER        | 45. BALL - PUMP DISCHARGE       |
| 20. NEEDLE - IDLE ADJUSTING   | 46. RETAINER - SEC. IDLE JET    |
| 21. SPRING - IDLE NEEDLE      | 47. JET - PRI. IDLE             |
| 22. SCREW - LOCK WASHER (4) - | 48. RETAINER - SEC. IDLE JET    |
| PUMP COVER                    | 49. JET - SEC. IDLE             |
| 23. PUMP COVER ASSY.          | 50. JET - PRI. HIGH SPEED BLEED |
| 24. DIAPHRAGM ASSY. - PUMP    | 51. TUBE -PRI. MAIN WELL        |
| 25. SPRING - PUMP RETURN      | 52. JET - SEC. HIGH SPEED BLEED |
| 26. PLUG                      | 53. TUBE - SEC. MAIN WELL       |
| 27. GASKET - PLUG             | 54. JET - PRI. MAIN             |
| 28. SCREW & LOCK WASHER (5)   | 55. JET - SEC. MAIN             |
| BOWL COVER                    | 56. PLUG - PUMP CHANNEL         |
|                               | 57. MAIN BODY ASSY.             |

**CLEANING**

MUST BE DONE WITH CARBURETOR DISASSEMBLED. SOAK PARTS LONG ENOUGH TO SOFTEN AND REMOVE ALL FOREIGN MATERIAL USE (1) A CARBURETOR CLEANING SOLVENT, (2) LACQUER THINNER OR (3) DENATURED ALCOHOL. 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 PARTS CONTAINING RUBBER MATERIALS.

**REASSEMBLY**

REASSEMBLE IN REVERSE ORDER OF DISASSEMBLY. NOTE SPECIAL INSTRUCTIONS AND FOLLOW NUMERICAL OUTLINE IN MAKING ADJUSTMENTS.

**SPECIAL INSTRUCTIONS**

ECONOMIZER DIAPHRAGM ASSY REPLACEMENT.

1. WHEN REPLACING THE (CAST BODY) ECONOMIZER DIAPHRAGM ASSY. BE SURE TO RETAIN AND REUSE THE THREE SCREWS.
2. WHEN REPLACING THE (STAMPED BODY) ECONOMIZER DIAPHRAGM ASSY. WITH THE (CAST BODY) ECONOMIZER DIAPHRAGM ASSY. DISCARD THE 3 SHORT SCREWS AND USE THE 3 LONG SCREWS CONTAINED IN THIS REPAIR KIT.

DIAPHRAGM INSTALLATION - CAREFULLY ALIGN HOLES IN DIAPHRAGM TO PREVENT DAMAGE WHILE INSTALLING SCREWS.

SPRING INSTALLATION PUMP RETURN SPRING (25) IS HEAVIER THAN CHOKE DIAPHRAGM SPRING (12).

IDLE ADJUSTING NEEDLE (20) - TURN IN UNTIL SEATED. THEN BACK OUT HALF TURNS, (DO NOT INSTALL LIMITER CAP AT THIS TIME.)

1975 SUPER CHOKE - BEFORE INSTALLING CHOKE HEATING ELEMENT (8) BE SURE CHOKE PLATE IS IN THE FULLY OPEN OR CLOSED POSITION TO INSURE PROPER POSITION OF FAST IDLE CAM LATCH PIN.

CHOKE COVER (70) INSTALLATION - BE SURE TO INSTALL STAT SPRING LOOP ON PIN OF LEVER