

# FUEL SYSTEM

## SERVICE INSTRUCTION WORKSHEET

TO REPAIR

GF1239V-9

CARTER CARBURETOR

1 Barrel • Model WO

- Carefully read the text in the following pages to become familiar with the contents of this worksheet before performing carburetor overhaul.
- The exploded view is typical of the model carburetor this kit will service. The view may differ slightly from the actual carburetor being overhauled.

- Use the exploded view as a guide. The numerical sequence of the parts list may generally be followed to disassemble the carburetor far enough to permit cleaning and inspection.
- Parts list shown DOES NOT reflect the contents of the kit.
- Kit may contain extra parts intended for other carburetors within this group. Substitute identical replacement parts for original worn parts found in carburetor.

### REMOVAL & INSTALLATION NOTES

- Cover opening on intake manifold after carburetor is removed.
- Before removing idle mix. adjusting screw (22), turn in until lightly seated counting number of turns. Record for proper installation.
- Install parts and components in reverse order of removal.
- Before installing pump plunger (12), flare leather cup, then soak in clean oil for a few minutes.
- When installing idle mix. adjusting screw (22), turn in until lightly seated, then back out number of turns recorded earlier.

### CLEANING

Cleaning must be done with carburetor disassembled. Use spray cleaner and a stiff bristle brush to remove dirt and carbon deposits. Do not use abrasives and wires to clean parts and passageways. Wash off in suitable solvent, and clear all passageways with compressed air. Caution: When cleaning with solvent do not soak or spray parts containing rubber, leather, plastic and electrical components.

### PARTS LIST

- |                                       |                                |
|---------------------------------------|--------------------------------|
| 1. Thermostatic coil & cover assembly | 13. Spring, pump return        |
| 2. Gasket, cover                      | 14. Filter, fuel               |
| 3. Screw, throttle cam                | 15. Ball, pump intake          |
| 4. Cam, throttle                      | 16. Jet & washer, main         |
| 5. Air horn assembly                  | 17. Plug & washer, jet         |
| 6. Gasket, air horn                   | 18. Jet, low speed             |
| 7. Rod, metering                      | 19. Jet assembly               |
| 8. Plug & filter, fuel inlet          | 20. Plug & washer, ball        |
| 9. Cover assy., fuel bowl             | 21. Ball, discharge check      |
| 10. Float assembly                    | 22. Screw, idle mix. adjusting |
| 11. Needle & seat assembly            | 23. Throttle body assembly     |
| 12. Pump plunger assembly             | 24. Gasket, throttle body      |
|                                       | 25. Main body assembly         |

### ADJUSTMENT DATA

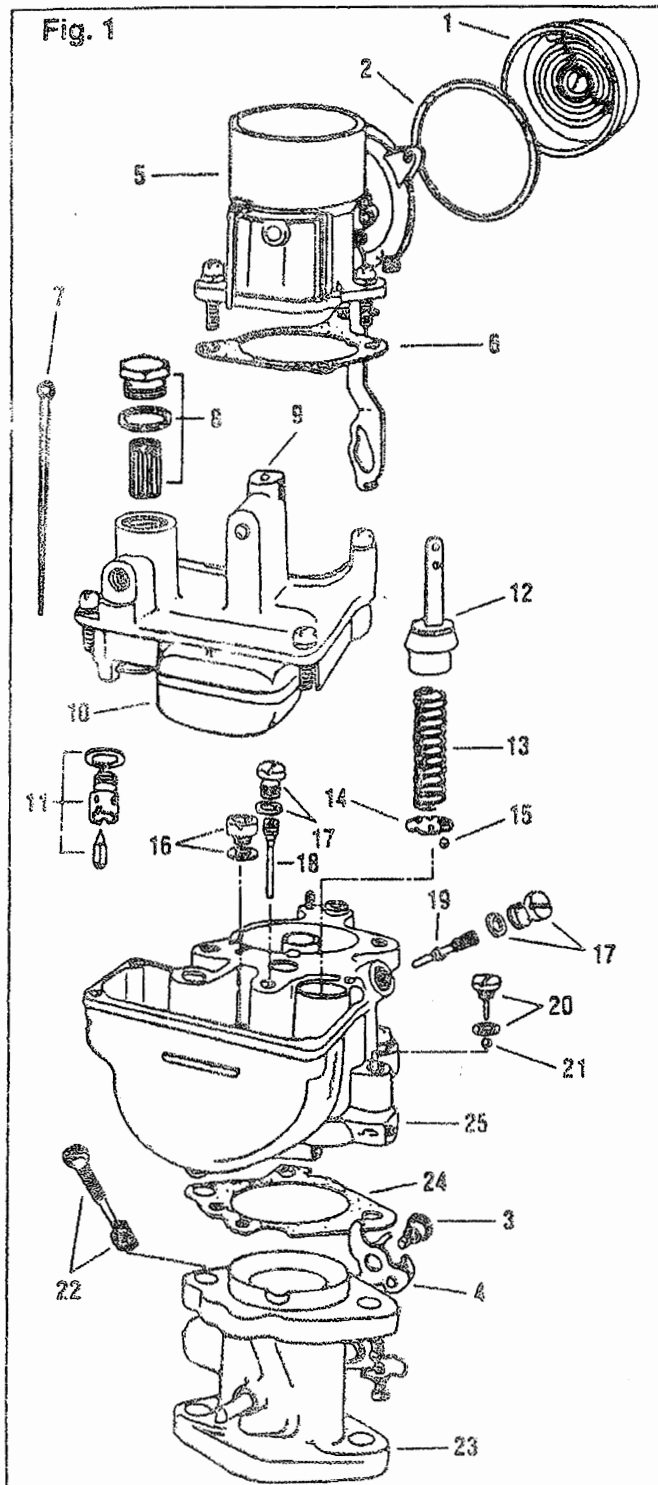


Fig. 2

- With float in place invert fuel bowl cover and remove gasket. Do not apply pressure on float, allow only free weight of float to rest against needle valve.
- Measure 3/8" distance between bowl cover surface to top of float at toe end using a gauge or drill bit.
- To adjust, bend tab on float arm. Do not bend arm. Recheck adjustment, float should just touch gauge.

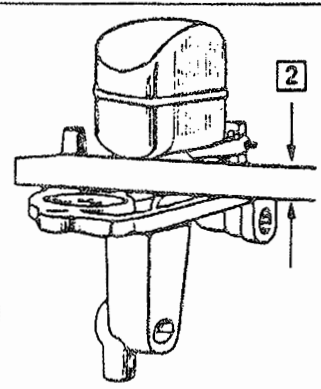
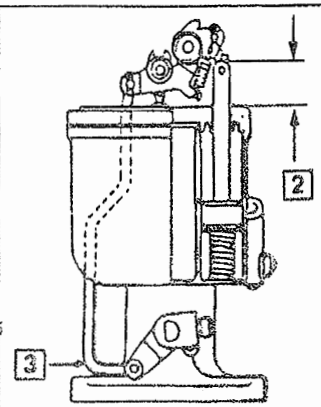


Fig. 3

- Back out throttle lever stop screw to fully close throttle valve.
- Measure 17/64" travel of pump plunger stem from fully closed to wide open throttle valve.
- To adjust, bend throttle connector rod at elbow.



PARTS LIST SHOWN DOES NOT REFLECT THE CONTENTS OF THE KIT

GF1239V-9-P1