SERVICE INSTRUCTIONS

ROCHESTER CARBURETOR LATE MODEL 2G-2GC-2GV

DISASSEMBLY

The numerical sequence of the exploded view may be used in most instances as a guide to disassemble the carburetor far enough to permit cleaning, inspection, and installation of kit contents. Variation in design, omission and addition of parts may occur between models in this group. NOTE: If power piston (26) has free movement, do not remove. If removal is required, remove staking from bowl cover. If the idle limiter caps (50) must be removed to qualify the idle, position the limiter caps to the stop. Remove caps from idle air mixture screws carefully to avoid damaging screws. Before removal of idle adjustment screws be sure and count the number of turns to seat the screws as the same number of turns from the seat should be maintained during the reassembly of carburetor.

CLEANING

Clean parts thoroughly in an approved cleaning solvent. Special attention should be given to carbon depostis in throttle bores and passages. Rinse parts in a suitable solvent. Blow out all passages with compressed air. CAUTION: DO NOT SOAK LEATHER, RUBBER, DIAPHRAGM ASSEMBLIES OR SIMI-LAR MATERIAL IN THE CLEANING SOLVENT.

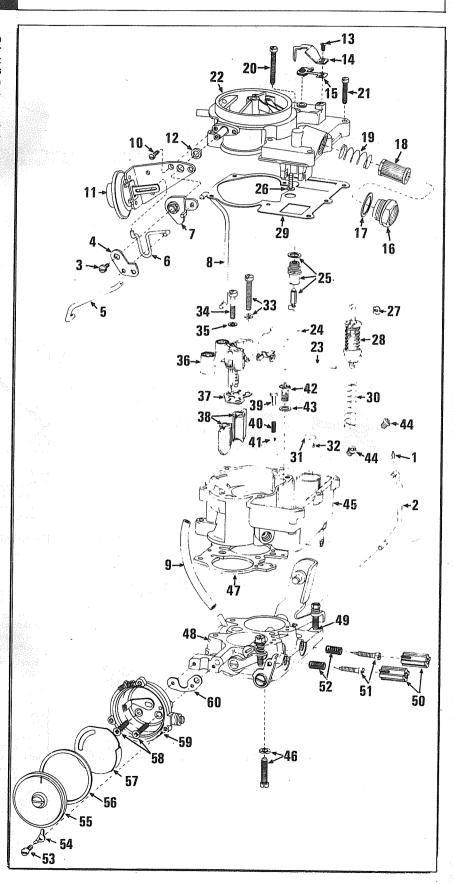
REASSEMBLY

- 1. If the idle limiter caps and mixture screws were removed during disassembly, the mixture screws should be seated lightly then backed out the same number of turns established during disassembly for initial idle mixture adjustment. For final adjustment, see decal in engine compartment. For 1978 and later, an idle mixture adjustment procedure, requiring artificial enrichment by addition of propane, is necessary for checking and setting idle mixture. Specifications for this procedure may be found in each car division service manual.
- 2. Make sure the pump discharge guide (39) is flush with casting when installed.
- 3. If power piston was removed, lightly stake casting around washer.
- 4. When installing venturi cluster gasket (37), make sure all holes are properly aligned with holes in venturi cluster.
- Lubricate cup on end of plunger assembly (28) with engine oil before installing.
 - 6. Refer to Adjustment Data Chart for specifications.
- 7. On completion of all adjustments, be sure throttle valves move freely from wide open to closed position.

NOMENCLATURE

- Pump rod retainer
- Pump rod
- Choke lever screw
- Choke lever
- Intermediate choke rod 6. Choke pull-off rad
- Choke lever assembly
- 8. Choke rod
- Hose 10.
- Choke pull-off attaching screw (2) Choke pull-off and
- bracket assembly Choke shaft seal (if used)
- Vent valve screw
- Vent valve cover
- Vent valve Fuel fitting
- Fuel fitting gasket
- Filter
- Filter spring
- Bowl cover screw (long) Bowl cover screw (short-7)
- Bowl cover
- 23. Float pin
- Float
- Needle, seat assembly & gasket
- Power Piston
- 27. 28. Plunger stem retainer Plunger assembly
- Bowl cover gasket
- 30. Plunger return spring
- Intake check ball retainer intake check ball (small)

- 33. Venturi cluster screw and washer (long-2)
- Center venturi screw
- Center venturi screw
- gasket
- 36 Venturi cluster
- Venturi cluster gasket Main well tubes (if used)
- Pump disc guide
- 40.
- Guide spring Pump disc check ball
- (large) Power valve
- Power valve gasket
- 44. Main metering jets Main body
- Flange attaching screw
- and washer (3) Throttle body gasket
- 48 Throttle body
- Throttle speed screw
- Limiter caps Idle mixture screw (2)
- Idle mixture screw spring (2)
- Stat cover retainer screw (3)
- Stat cover retainer (3) 55. Stat cover
- Stat cover gasket
- Choke baffle plate 58
- Choke housing screw (2) Choke housing
- Choke housing gasket



ADJUSTMENTS

