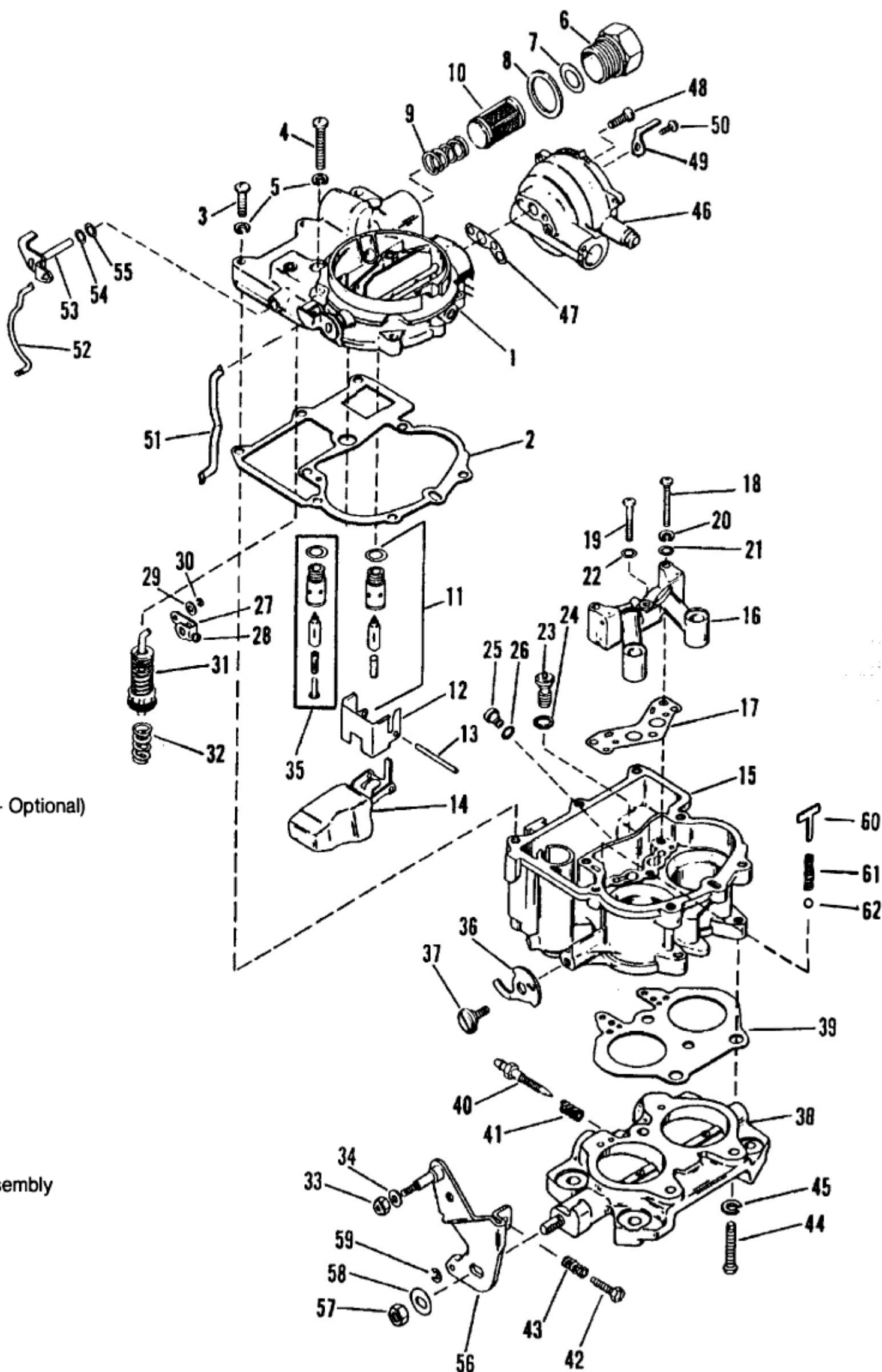


Disassembly

The following is a step-by-step procedure for completely overhauling carburetor removed from engine. In many cases, however, complete overhaul is not necessary and, in these cases, only the steps required to repair the carburetor malfunction should be performed. Read the instructions carefully to prevent doing any unnecessary steps.

IMPORTANT: Before performing any service on carburetor, it is essential that carburetor be placed in a holding fixture to prevent possible damage to throttle valves.

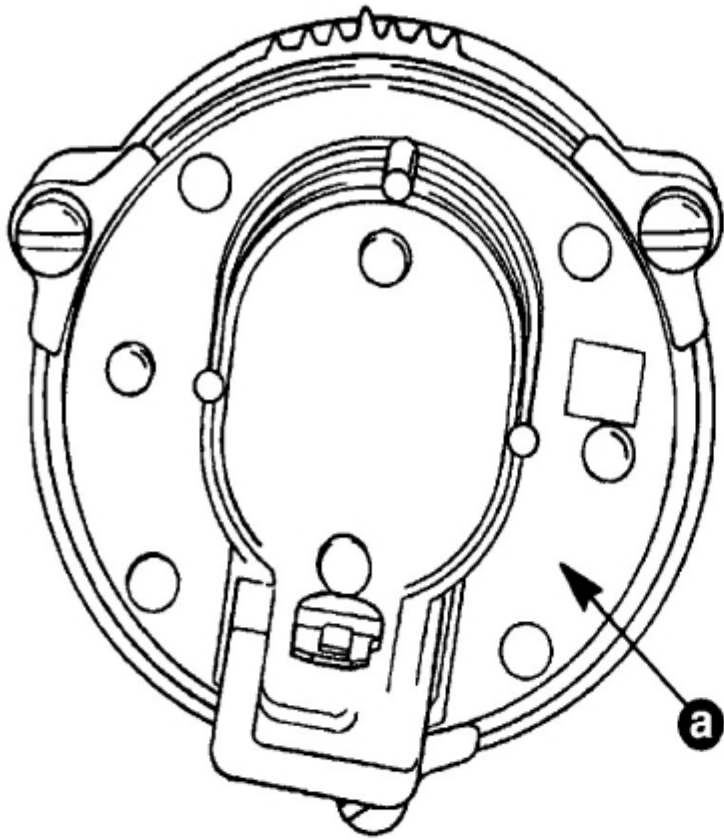
- 1 - Air Horn
- 2 - Gasket
- 3 - Screw
- 4 - Screw
- 5 - Lockwasher
- 6 - Nut - Fuel Inlet
- 7 - Gasket
- 8 - Gasket
- 9 - Spring
- 10 - Filter
- 11 - Inlet Needle and Seat (Solid)
- 12 - Baffle Plate
- 13 - Pin
- 14 - Float
- 15 - Float Bowl
- 16 - Venturi Cluster
- 17 - Gasket
- 18 - Screw
- 19 - Screw
- 20 - Lockwasher
- 21 - Flat Washer
- 22 - Gasket
- 23 - Power Valve Assembly
- 24 - Gasket
- 25 - Jet
- 26 - Gasket
- 27 - Pump Shaft and Lever Assembly
- 28 - Screw
- 29 - Washer
- 30 - Clip - Retainer
- 31 - Accelerator Pump Assembly
- 32 - Spring
- 33 - Nut
- 34 - Spring Washer
- 35 - Inlet Needle and Seat (Spring Loaded - Optional)
- 36 - Cam - Idle
- 37 - Screw
- 38 - Throttle Body
- 39 - Gasket
- 40 - Idle Mixture Adjusting Needle
- 41 - Spring
- 42 - Screw - Idle Speed Adjustment
- 43 - Spring
- 44 - Screw
- 45 - Lockwasher
- 46 - Choke/Housing
- 47 - Gasket
- 48 - Screw
- 49 - Lever Assembly
- 50 - Screw
- 51 - Rod - Choke
- 52 - Rod - Accelerator Pump
- 53 - Accelerator Pump Shaft and Lever Assembly
- 54 - Washer (Outer)
- 55 - Washer (Inner)
- 56 - Throttle Lever
- 57 - Nut
- 58 - Washer - Locking
- 59 - Clip - Pump Rod
- 60 - Retainer
- 61 - Spring
- 62 - Check Ball



72686

CHOKE HOUSING ASSEMBLY

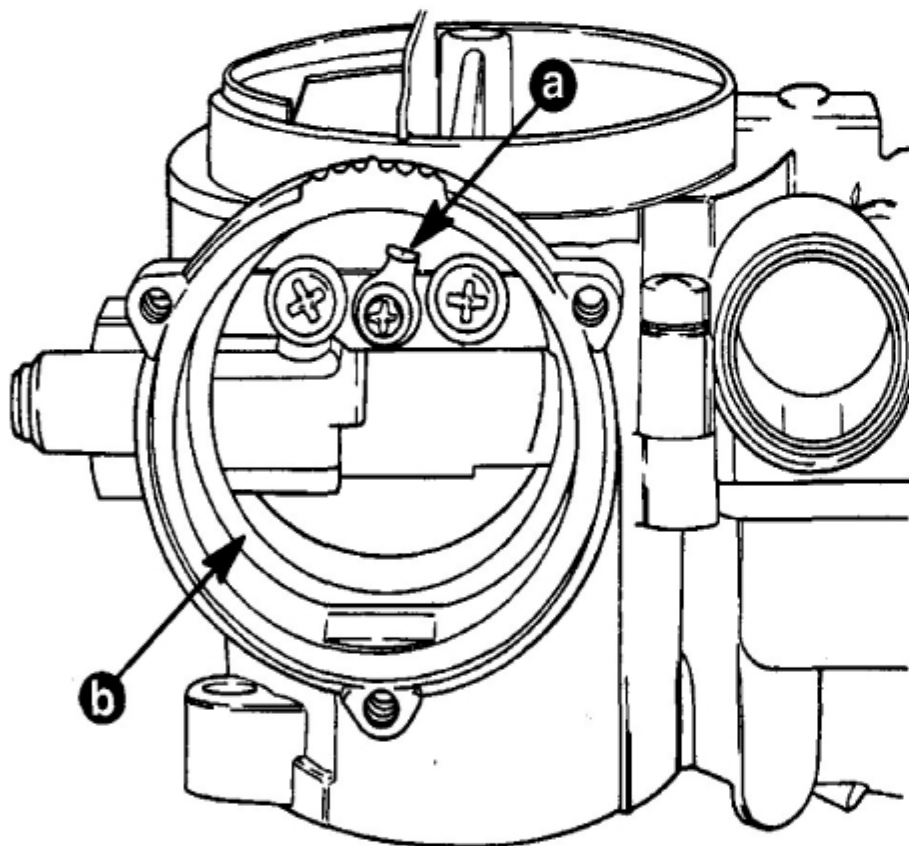
1. Remove choke cover.



72403

a - Choke Cover

2. Remove choke lever. Remove choke housing.



72401

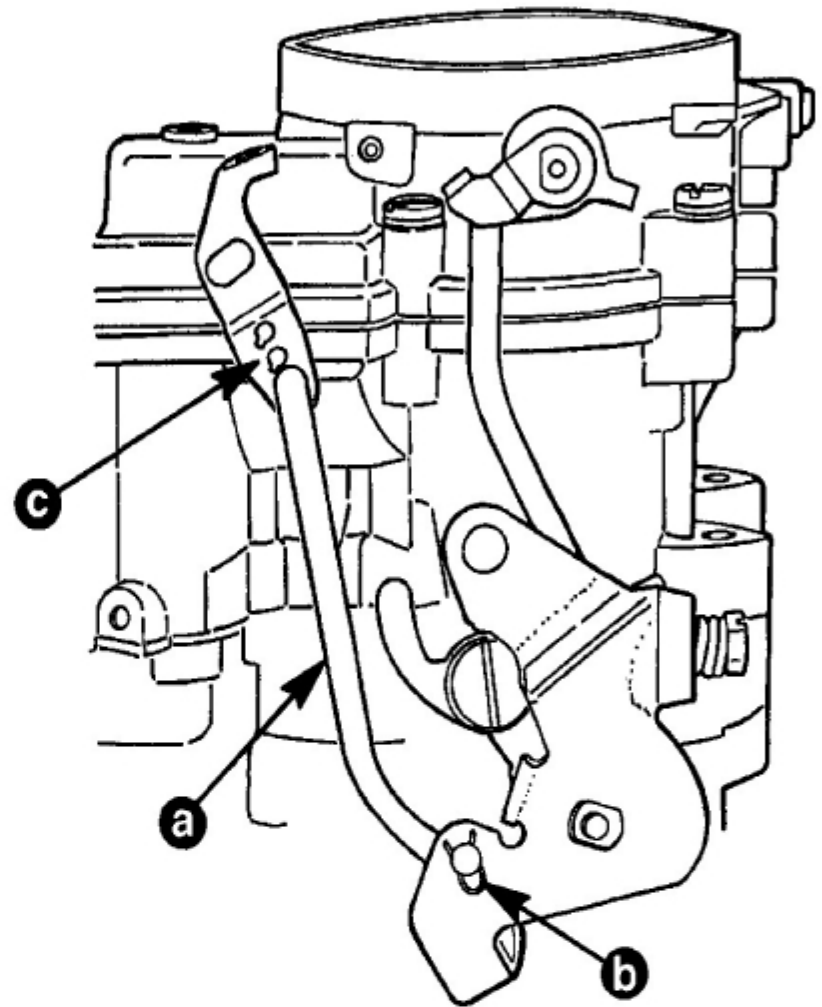
a - Choke Lever
b - Choke Housing

AIR HORN ASSEMBLY

1. Remove fuel inlet filter nut, washers, spring, and filter, as outlined previously.

IMPORTANT: Before performing the following step, make a note of the "hole location" of the pump rod in the pump shaft and lever assembly. Also, see "Adjustable Accelerator Pump Lever" information listed previously in this section.

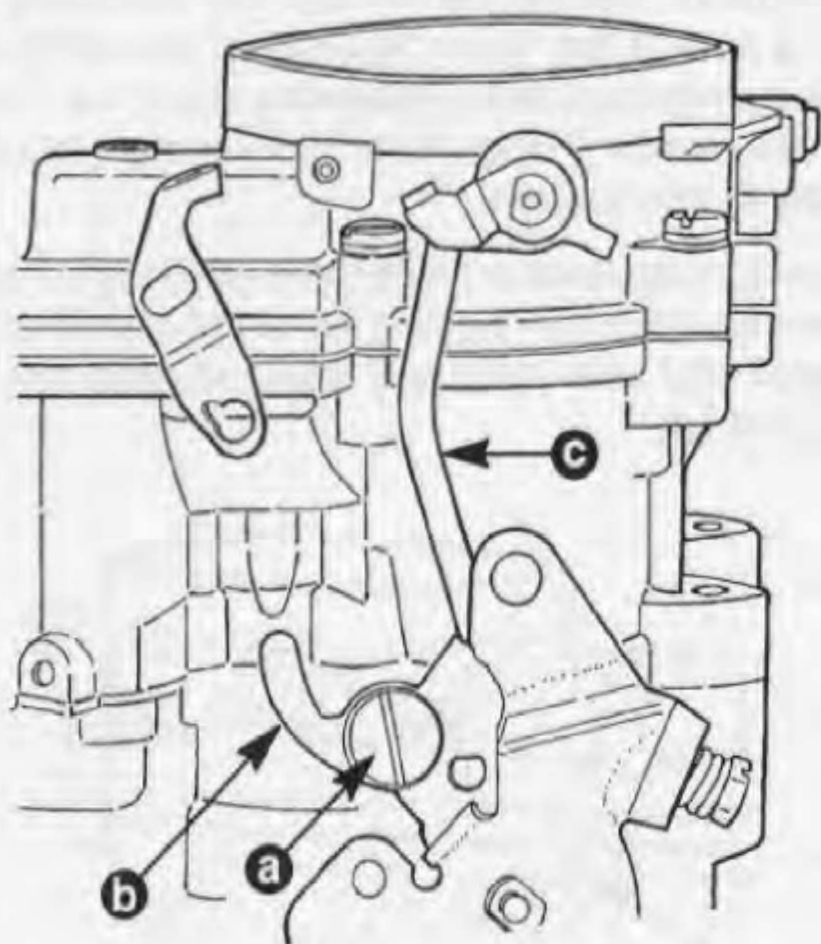
2. Remove accelerator pump rod retaining clip. Pivot rod (as required) until retaining ear on rod and slot in pump shaft and lever assembly align, allowing rod to be pulled out.



72283

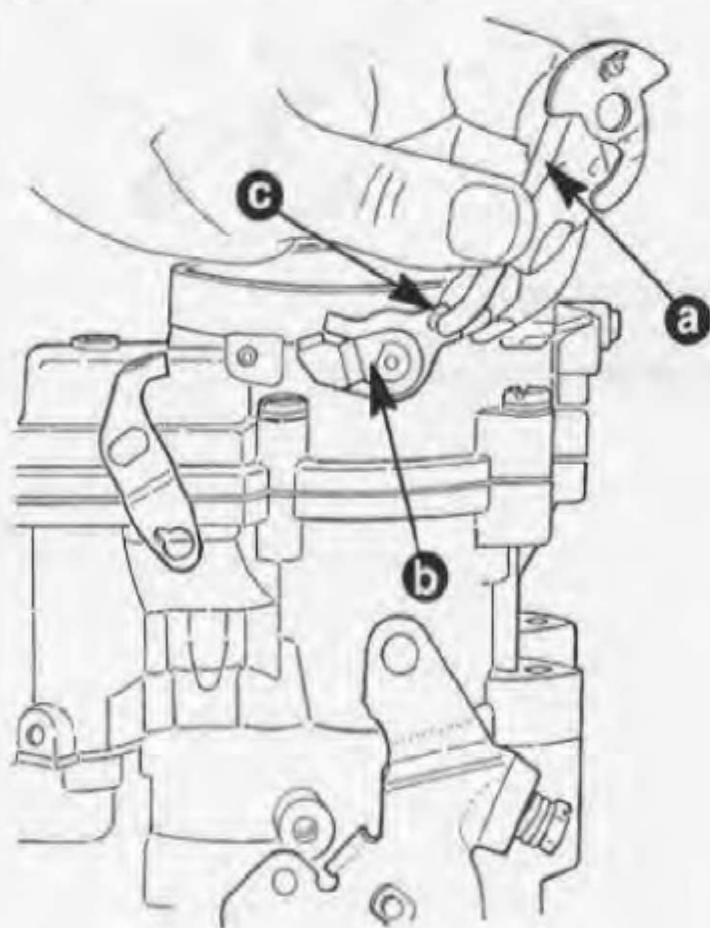
a - Accelerator Pump Rod
b - Retainer Clip
c - Pump Shaft and Lever Assembly

3. Remove idle cam screw. Also, remove choke rod by pivoting rod (as required) until retaining ear on rod and slot in choke lever align, allowing rod to be pulled out.



72282

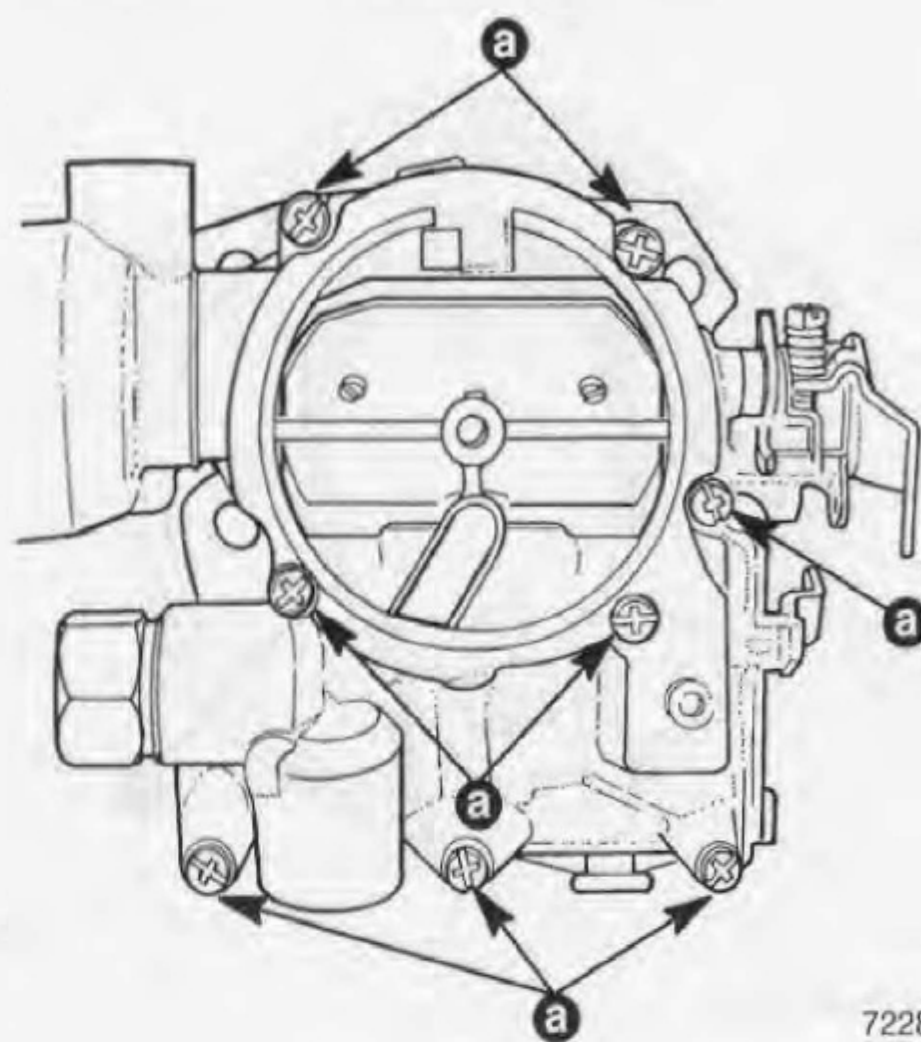
- a - Idle Cam Screw
- b - Idle Cam
- c - Choke Rod



72286

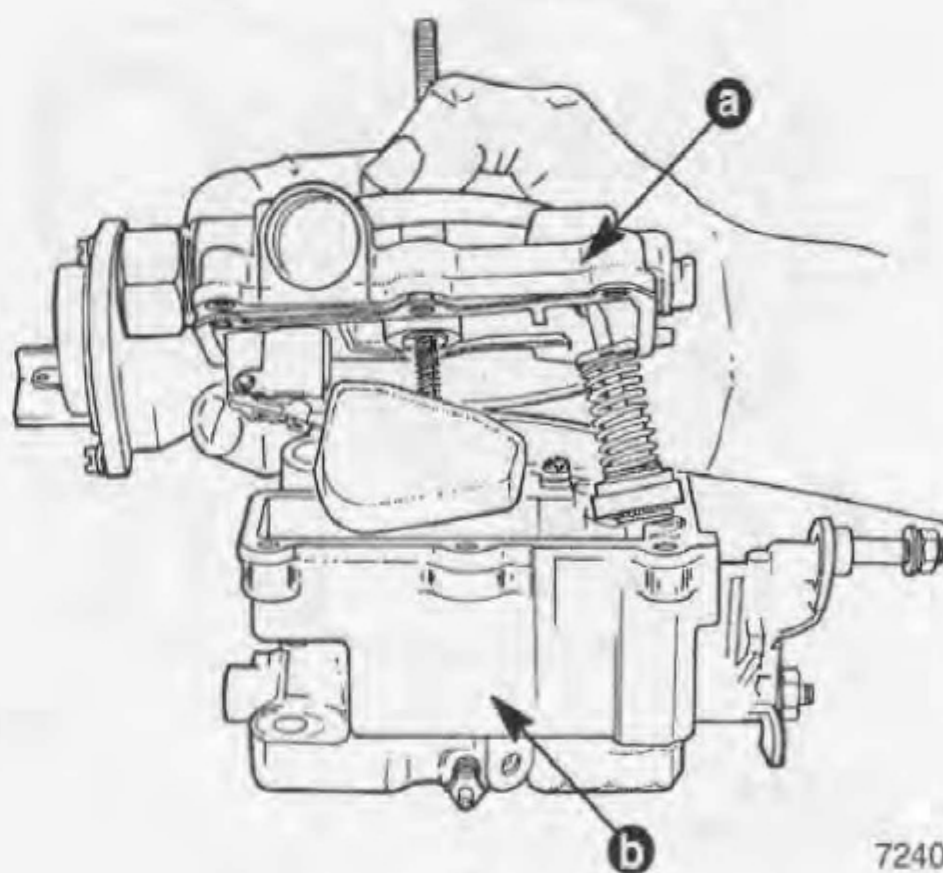
- a - Choke Rod
- b - Choke Lever
- c - Slot

4. Remove air horn attaching screws as shown. Carefully lift air horn from float bowl assembly.



72280

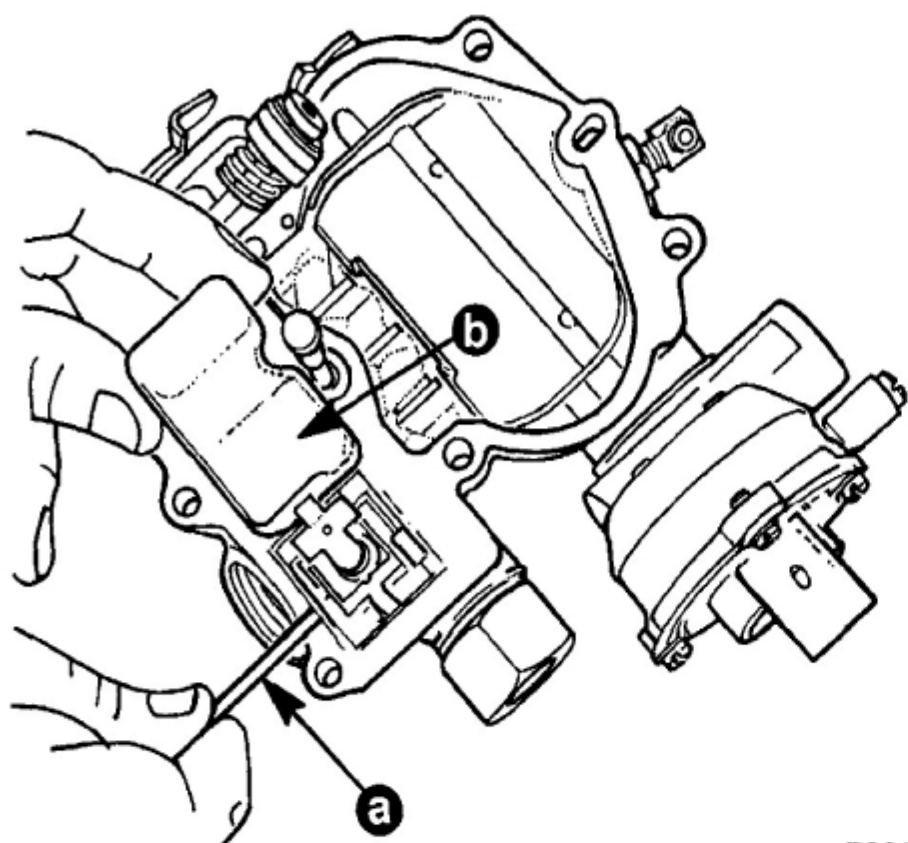
- a - Air Horn Attaching Screws



72400

- a - Air Horn Assembly
- b - Float Bowl Assembly

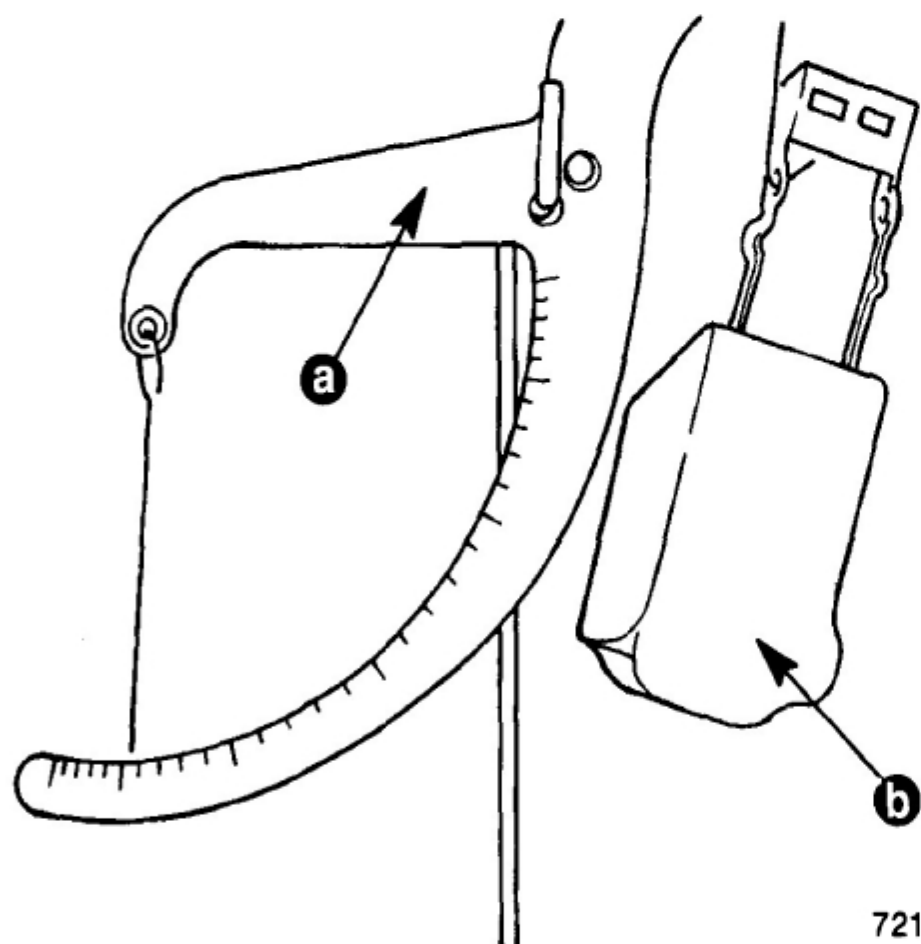
5. Invert air horn and carefully lay on bench.
6. Remove float hinge pin and lift float assembly from air horn.



72288

- a - Float Hinge Pin
- b - Float Assembly

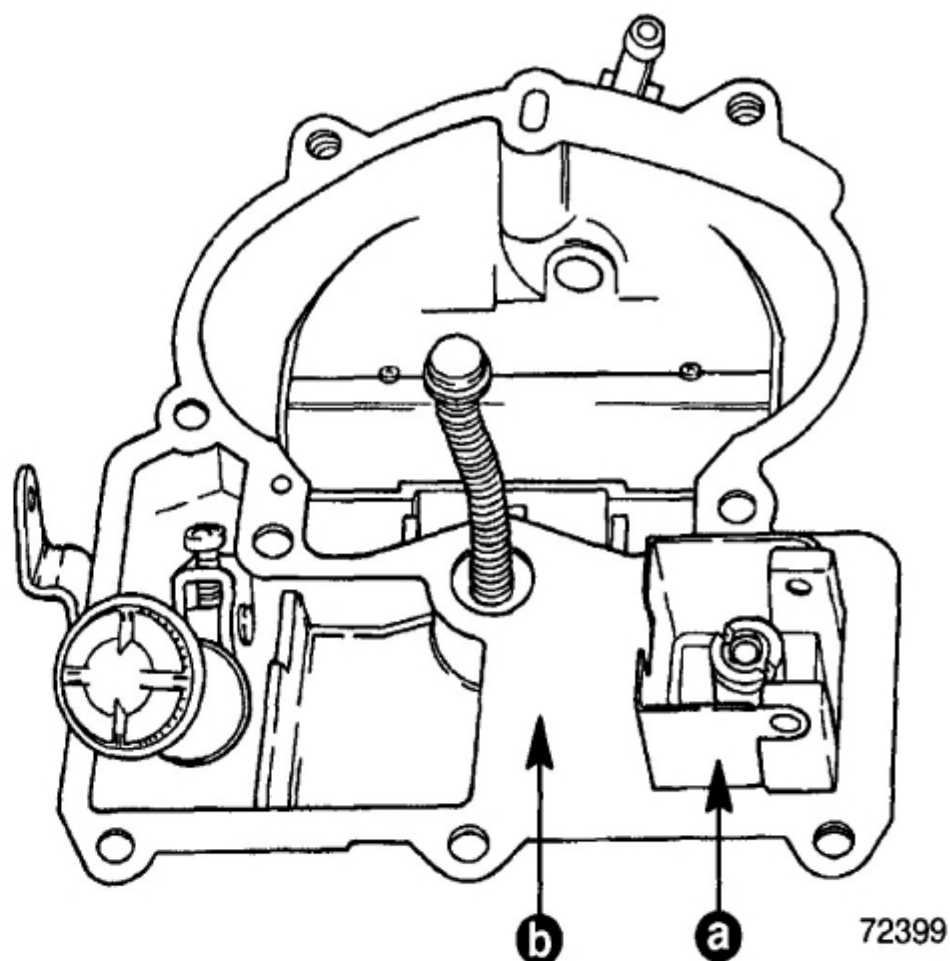
7. Check float weight as shown.



72122

- a - Grams Scale
- b - Float

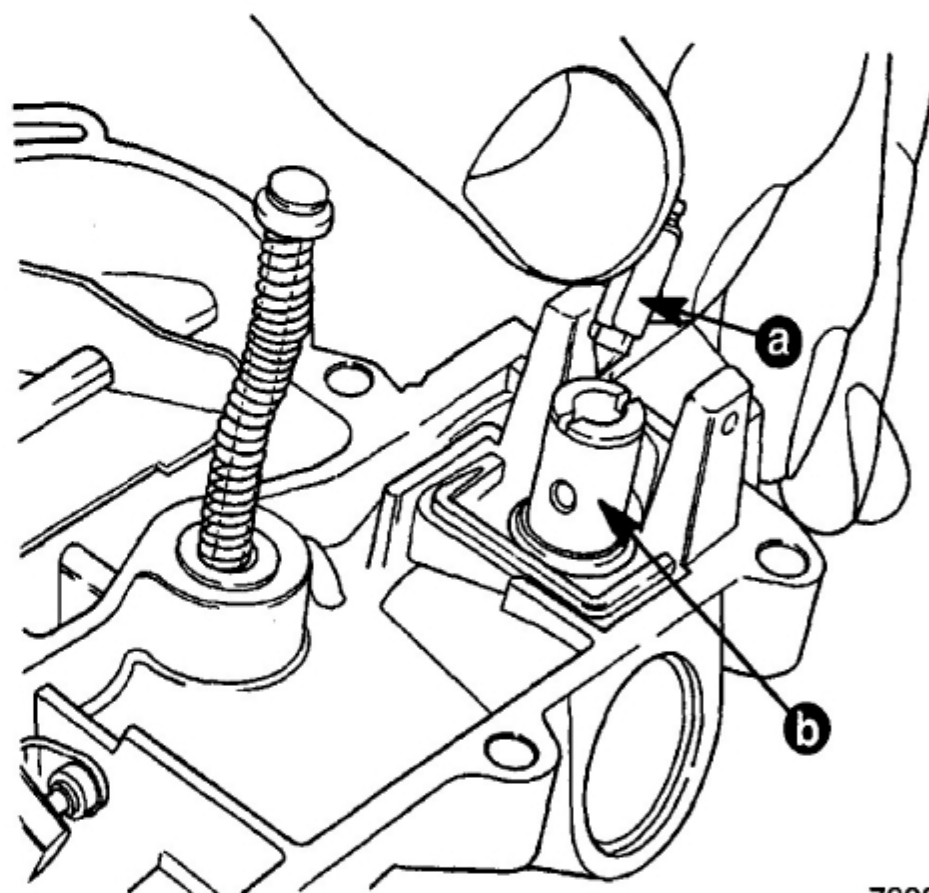
8. Remove air horn gasket and baffle.



72399

- a - Baffle
- b - Air Horn Gasket

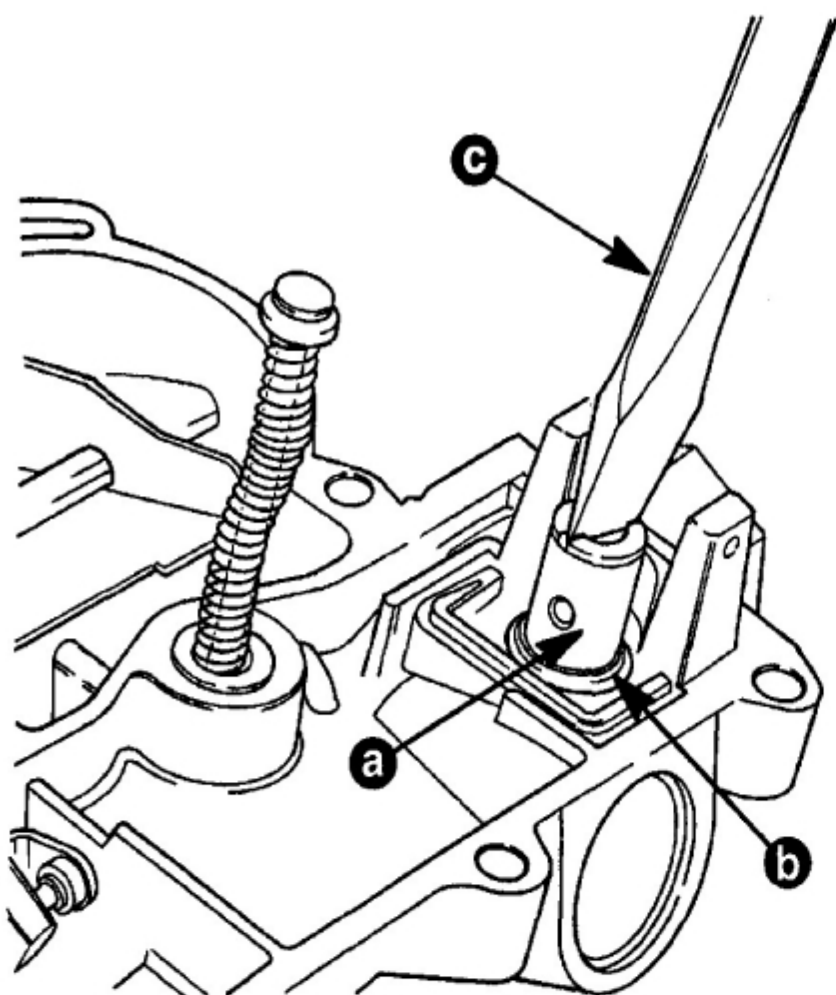
9. Remove needle assembly.



72287

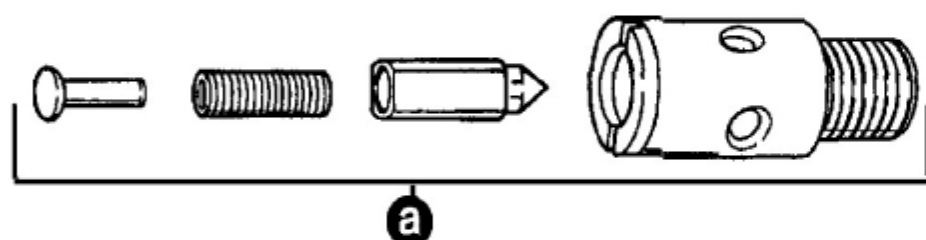
- a - Needle Assembly
- b - Needle Seat

10. Remove needle seat.

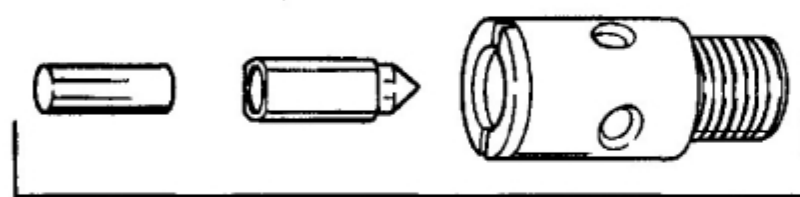


72289

- a - Needle Seat
- b - Gasket
- c - Screwdriver



a



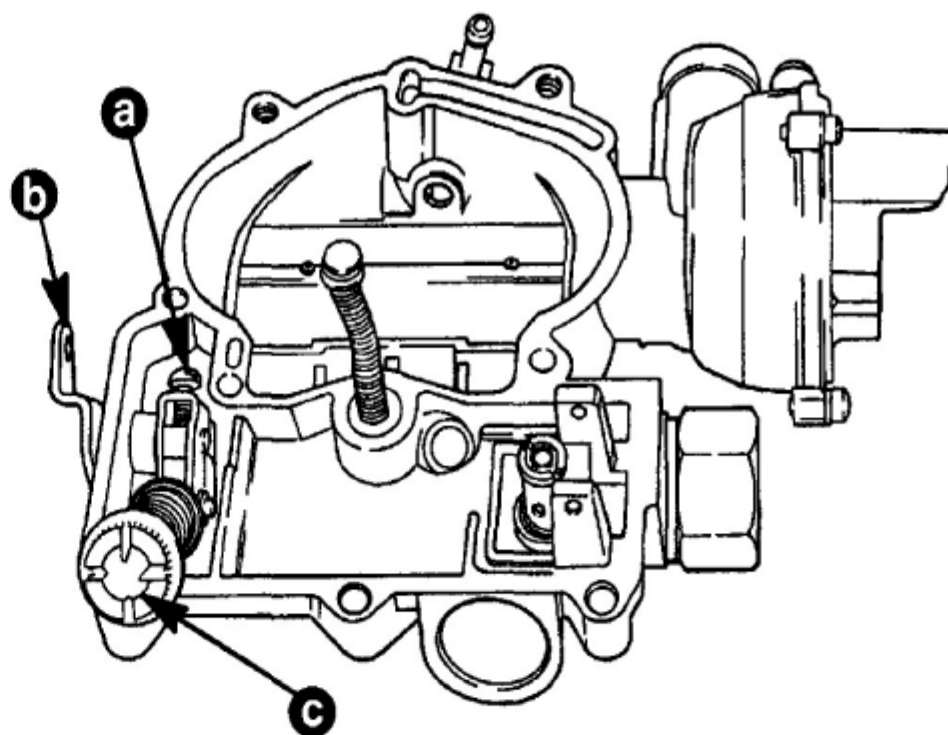
b

72290

- a - Spring Loaded Type Needle (Kit P/N 3302-9029)
- b - Solid Type Needle (Kit P/N 3302-9407)

Needle and Seat Assemblies

11. Loosen accelerator pump screw. Slide pump shaft and lever assembly (and washer) out of air horn, then remove accelerator pump assembly.



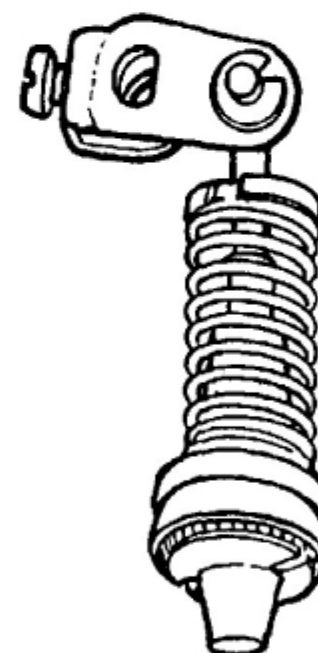
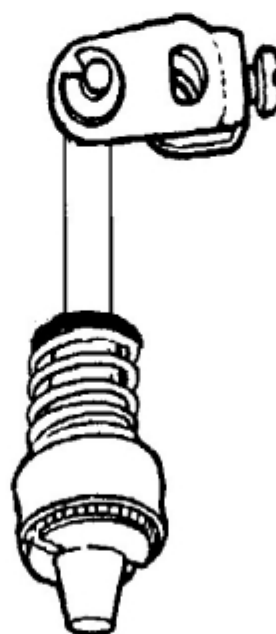
72398

- a - Setscrew
- b - Lever Assembly
- c - Pump Assembly

12. Remove retainer clip and washer from pump shaft and lever assembly, then remove accelerator pump assembly.

2cc Accelerator Pump

4cc Accelerator Pump



72409