

The float valve is provided with a spring at the area where the valve comes in contact with the arm. The spring prevents the float valve from vibrating when the float moves abnormally due to riding and road conditions, maintaining the fuel level constant. The float valve is also provided with a special clip at the tip, which is hooked over the arm, to cause the float valve to be operated together with the float.

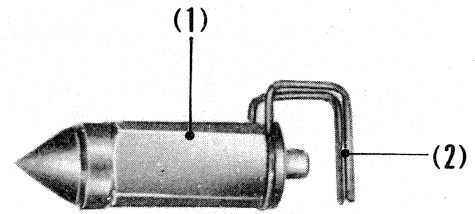


Fig. 2-19 (1) Float valve
(2) Special clip

5. Linkage

The opening and closing of the throttle valves are controlled by the two cables, one for opening the valves and the other for closing them.

The linkage mechanism, which operates the opening and closing of the two carburetor throttles at the same time, which are respectively coupled to the link arm, by means of the adjusting holder.

The throttle stop screw is of a flexible type and the right and left carburetors can be adjusted at the same time.

Each pilot screw is provided with the idle limiter to obtain the constant CO content (%) in exhaust gases at engine idle speed.

Idle limiters

The CO content in exhaust gases varies excessively with the adjustment by the pilot screw. This is why each pilot screw is equipped with the idle limiter to limit the adjustment range.

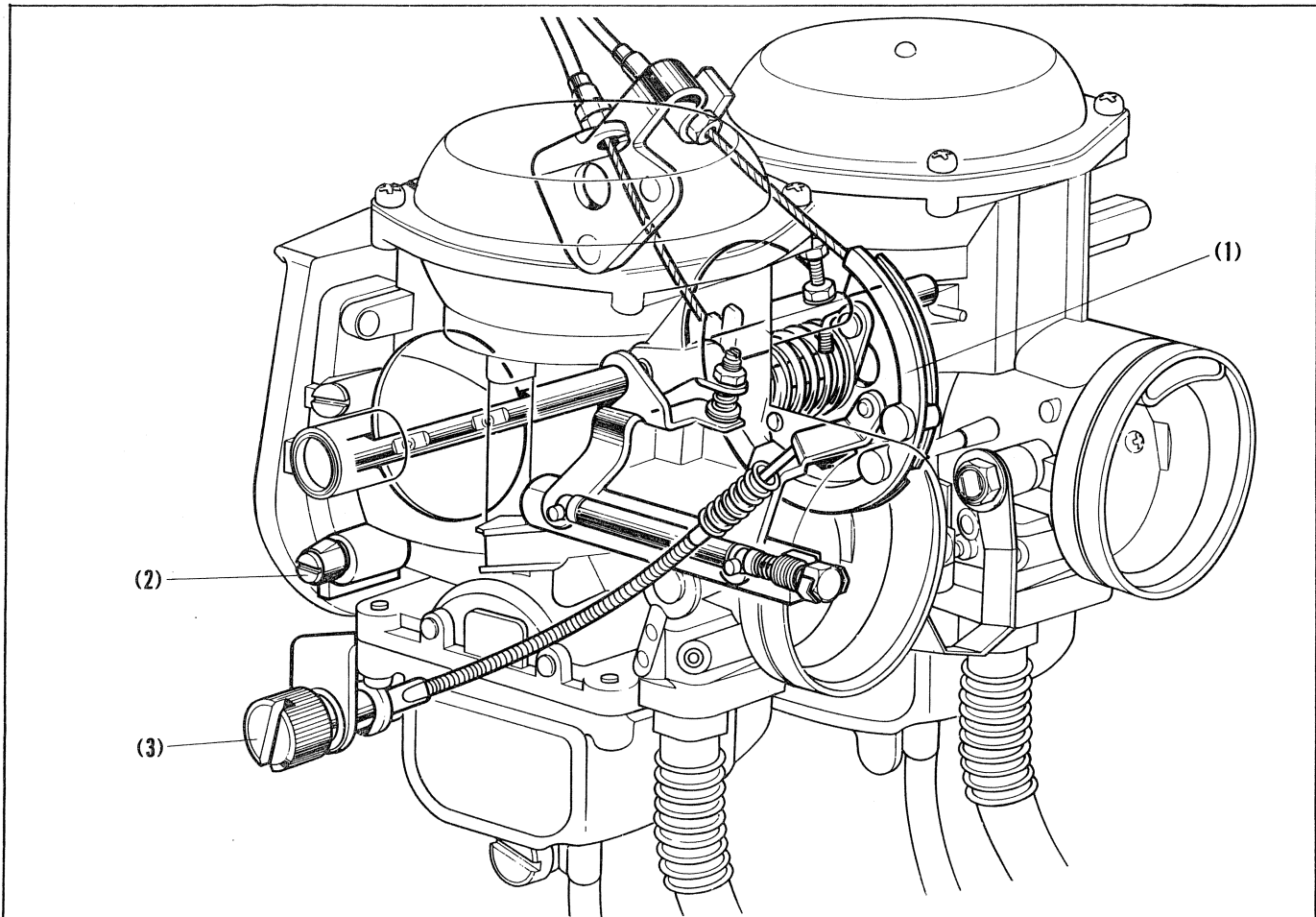


Fig. 2-20 (1) Throttle lever (2) Idle limiter (3) Throttle stop screw