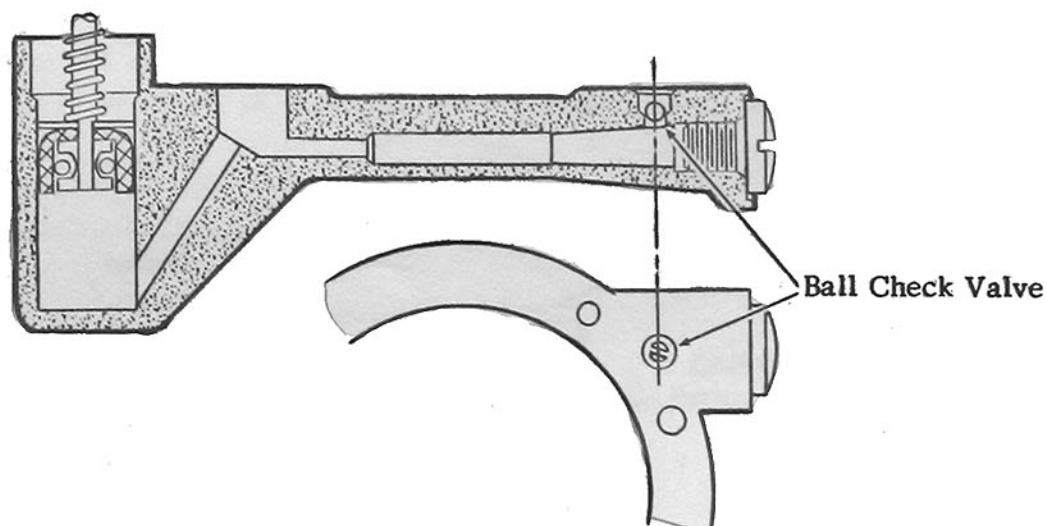


MODEL HD CARBURETOR ACCELERATING PUMP CHECK VALVE

Late 1968 Sportster and Electra Glide Model Carburetors were recently changed to incorporate a ball check valve in the accelerating pump passage of the plastic cover. The illustration below shows the pump discharge passage and check valve, which provides a positive seal against air bleeding back from venturi into fuel chamber.



If air bleeds into fuel chamber through the accelerating pump passage, the following symptoms may occur:

- Poor or erratic accelerator pump action.

- Surging at cruising speeds accompanied by hesitation when rider attempts to accelerate from a given cruising speed.

- A "vapor lock" complaint when motorcycle is operated at low speeds after being operated at higher speeds.

- A tendency to stall when engine is idled.

Electra Glide carburetor, part No. 27160-66B, incorporating the new ball check valve, is stamped HD-2D or HD-2CD on the intake manifold flange.

Sportster carburetor, part No. 27162-66B, incorporating the new ball check valve, is stamped HD-1BC or HD-1C.

Pump body, part No. 27804-66A, now supplied for parts orders, has the new ball check valve and replaces part No. 27804-66, which did not have ball check valve.

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The **Old Sportster and K-model Research Group (OSKRG)** is a group of individuals who have spent years researching the minute differences in the parts, fit, finish, and configuration of the Harley-Davidson 1952-1956 K-Models, and (early) 1957-1969 Sportster models.

The results of our research is published on our website
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