

**AIR CLEANER AND CARBURETION / X-90 & Z-90**

Excessive spark plug fouling and poor overall performance may be the result of an over-rich fuel/air mixture caused by a restricted paper type air cleaner element, or too large a main jet for operating conditions.

If these conditions exist, we suggest the following modifications be made:

- 1) Replace paper air cleaner element with Harley-Davidson Part No. 29034-71 plastic foam element.
- 2) Replace standard 1.00 mm. (#100) main jet with Harley-Davidson Part No. 27627-68P, 0.92 mm. (#92) main jet or Harley-Davidson 27639-74P, 0.90 mm. (#90) main jet.

NOTE: Late 1974 X-90 and Z-90 motorcycles may already have the 0.90 mm. main jet as standard equipment.

Also check ignition timing and circuit breaker point gap. Timing should be  $20\frac{1}{2}^{\circ}$  or 0.077 in. (1.95 mm.) BTC and point gap should be 0.016 in. (0.40 mm.). Adjust as necessary. Also check exhaust system for carbon build up and clean system if necessary.

HARLEY-DAVIDSON MOTOR CO., INC.