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° 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.