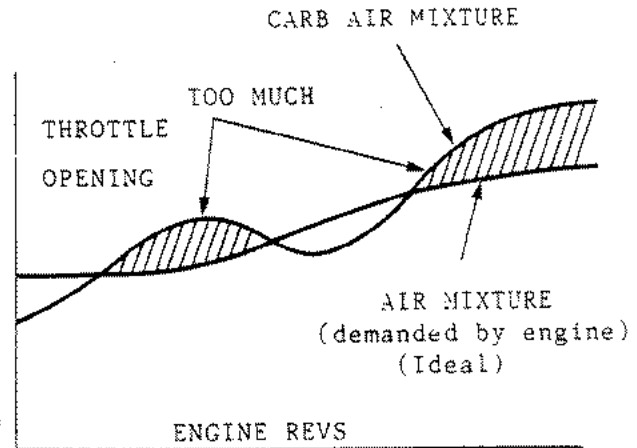


PGM-CARBURETTOR

Carburettor Air Jet Control System.

The air mixture (ideal) & air mixture supplied to the engine are shown respectively on the graph. In this system the carb supplies the air mixture and in order to supply close to the air mixture demanded by the engine, send air into the carb air jet. The PGM carb not only supplements the air jet and solenoid valve but also make fine control possible. The PGM control according to the input power from the engine revs (pulse Generator), throttle opening (throttle sensor) is produced by separate solenoid valves and adjusts the input volume of air from the sub air cleaner to the main air bleed



When the air mixture supplied to the carb is too rich, (oblique line on graph) the solenoid is turned ON and according to the air input increase to the air bleed the air mixture is diluted & the engine nears the ideal air/fuel mixture demanded by the engine. The PGM-carburettor as for engine revolutions makes it such that it can control the correct air mixture with the throttle opening from low revolutions to high revolutions and improves drivability over all rev. ranges

