

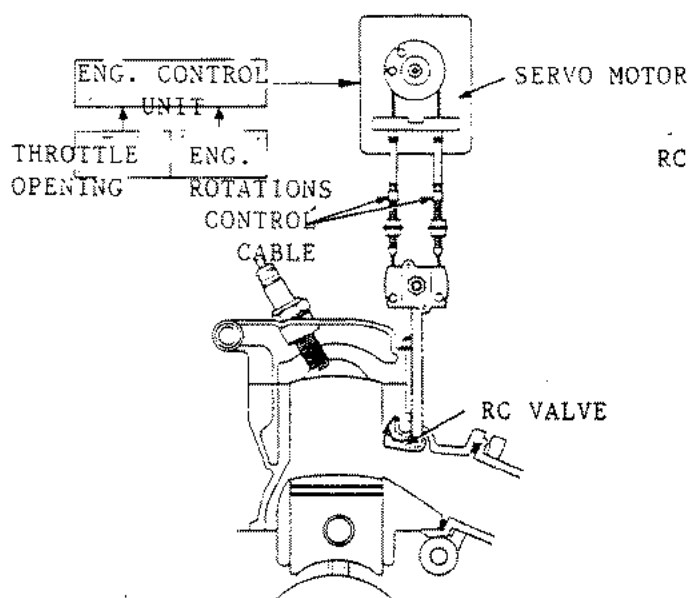
NSR250R(K)

PGM-RC VALVE

With the PGM-RC valve system, the exhaust port timing in relation to the engine revolutions and throttle opening operates the servo motor according to the engine control units PGM control map and controls the RC valve opening

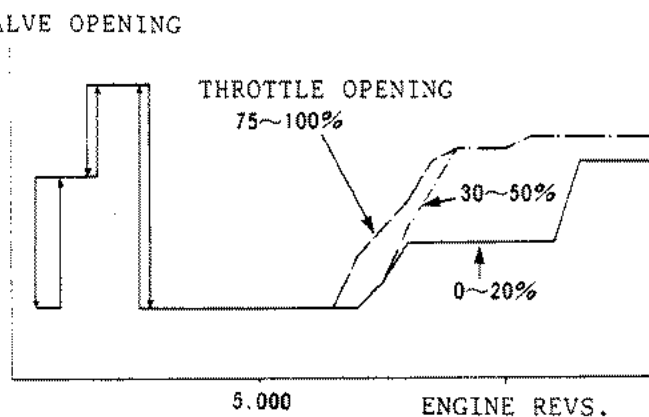
As for the input from the pulse generator and throttle sensor, the output power correspondingly details the exhaust port timing and is adjusted according to the change in the PGM control program map.

For example, at the same engine revolutions, the exhaust port timing which gives the maximum output that relates to the respective throttle openings is held within the PGM control program map. According to the program map the RC valve is operated and controls the optimum port timing



(PGM-RC VALVE OPENING PERFORMANCE)

RC VALVE OPENING



The PGM-RC Valve makes it possible to finely adjust the exhaust port timing in accordance to the various engine revolutions and throttle openings, and depending on this the throttle response and power output is improved.