

Intake Air System

Intake Air Bypass (IAB) Control System

Description

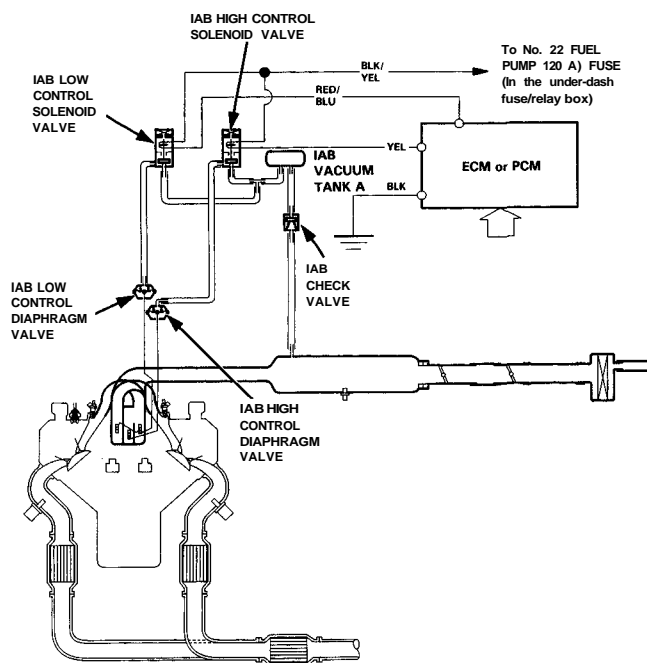
Satisfactory power performance is achieved by closing and opening the intake air bypass (IAB) control valves. High torque at low RPM is achieved when the valves are closed, whereas high power at high RPM is achieved when the valves are opened.

INTAKE AIR BYPASS (IAB) LOW
CONTROL SOLENOID VALVE OFF

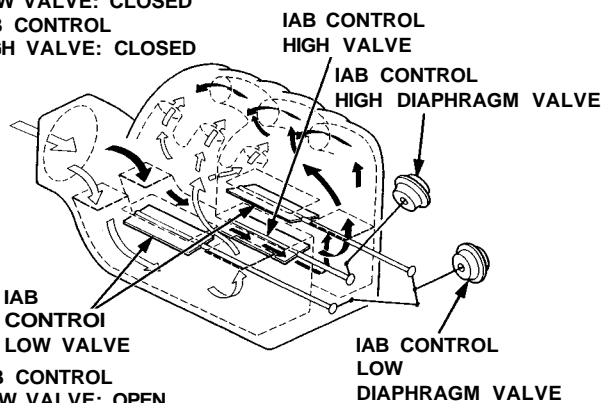
ENGINE SPEED IS ABOVE 3,400 rpm

INTAKE AIR BYPASS (IAB) HIGH
CONTROL SOLENOID VALVE OFF

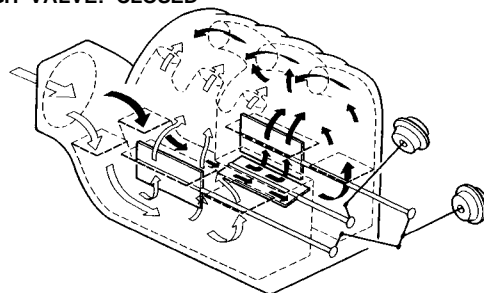
ENGINE SPEED IS ABOVE 4,300 rpm



IAB CONTROL
LOW VALVE: CLOSED
IAB CONTROL
HIGH VALVE: CLOSED



IAB CONTROL
LOW VALVE: OPEN
IAB
CONTROL
HIGH VALVE: CLOSED



IAB CONTROL
LOW VALVE: OPEN
IAB CONTROL
HIGH VALVE: OPEN

