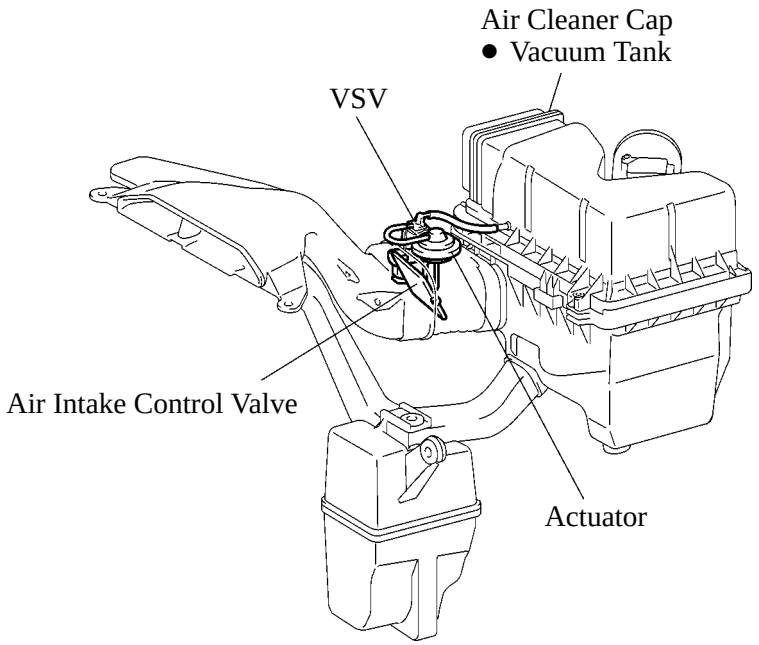
9. Air Intake Control System

General

The system has a dual path design for air intake. An air intake control valve and actuator control the air flow path.
As a result, a reduction in intake noise in the low-speed range and an increase in the power output in the high-speed range are realized.

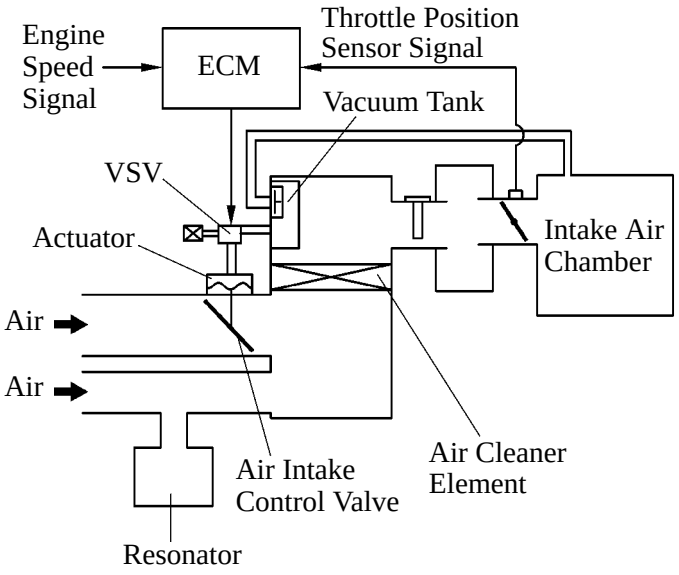
▶ Layout of Components ◀

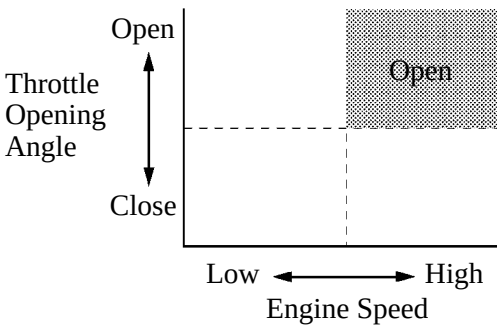


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Operation

- When the engine is operating in the low- to mid-speed range, this control operates the air intake control valve to close one side of the air cleaner inlet. As a result, the intake area has been minimized and the intake noise is reduced.
- When the engine is operating in the high-speed range, this control operates the air intake control valve to open both sides of the air cleaner inlet. As a result, the intake area has been maximized and the intake efficiency is improved.





Air Intake Control Valve Condition

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