

Intake Manifold

- An ACIS (Acoustic Control Induction System) with independent ports and an intake system with a swirl control valve (SCV) are used. The port diameter and length have been optimized to strike a balance between high torque in all driving ranges and fuel economy performance.
- A swirl control valve (SCV) is provided in the intake manifold to stabilize combustion while the water temperature is low, and open-close control is effected to achieve a higher torque at low engine speeds.
- A plastic surge tank is used for weight reduction. Also, an ACIS (Acoustic Control Induction System) is used, and the intake manifold length has been made variable to increase the torque in all ranges.

