

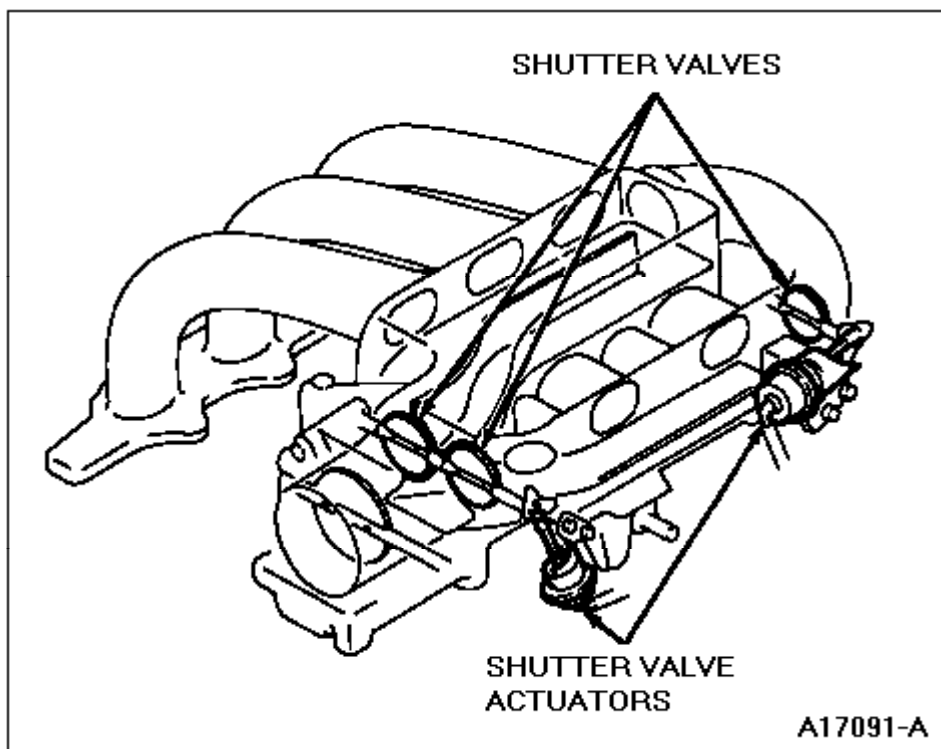
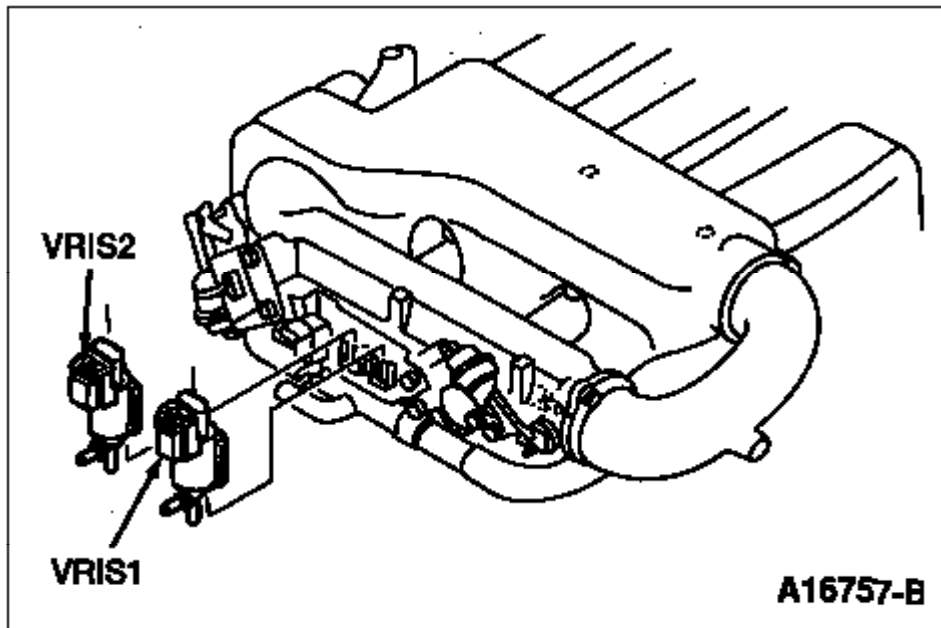


« 12B: Air Intake Systems and Throttle Body»

Description and Operation	2.5L	VRIS
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Variable Resonance Induction System Solenoids #1 (VRIS1) and #2 (VRIS2)

The Variable Resonance Induction System Solenoids #1 (VRIS1) and #2 (VRIS2) are operated by output signals from the Powertrain Control Module (PCM). When the solenoids are activated, they allow vacuum to be applied to the shutter valve actuators. The shutter valve actuators then manipulate the shutter valves inside the intake manifold. This process improves charging efficiency and torque characteristics.



Engine	Location
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2.5L	Mounted to the back of the intake manifold near the top.
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