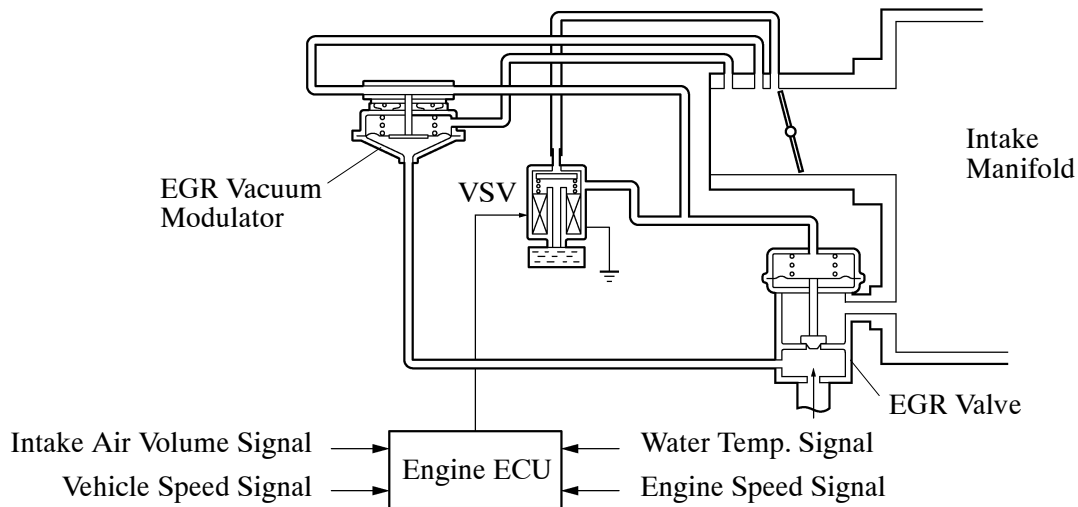


■ ENGINE CONTROL SYSTEM

1. EGR Control

General

This system actuates the VSV to replace intake manifold vacuum acting on the EGR valve with atmospheric air and thus cuts the EGR from the system.



233EG71

Operation

Because the engine ECU turns ON the VSV when the engine is cold, the atmospheric pressure acts on the diaphragm chamber of the EGR valve. As a result, the EGR valve closes and shuts off the EGR passage. If the intake air volume and the vehicle speed are greater than their prescribed values when the engine is warm, the engine ECU turns OFF the VSV. Consequently, the operating pressure of the EGR vacuum modulator acts on the EGR valve. As a result, the valve opens and introduces the exhaust gas into the intake manifold.