
EMISSION CONTROL SYSTEMS

DESCRIPTION

The emission control systems are installed to reduce the amount of HC, CO, and NOx emitted from the engine, and to also prevent the release of evaporated fuel from the gasoline tank and prevent atmospheric release of blowby gas.

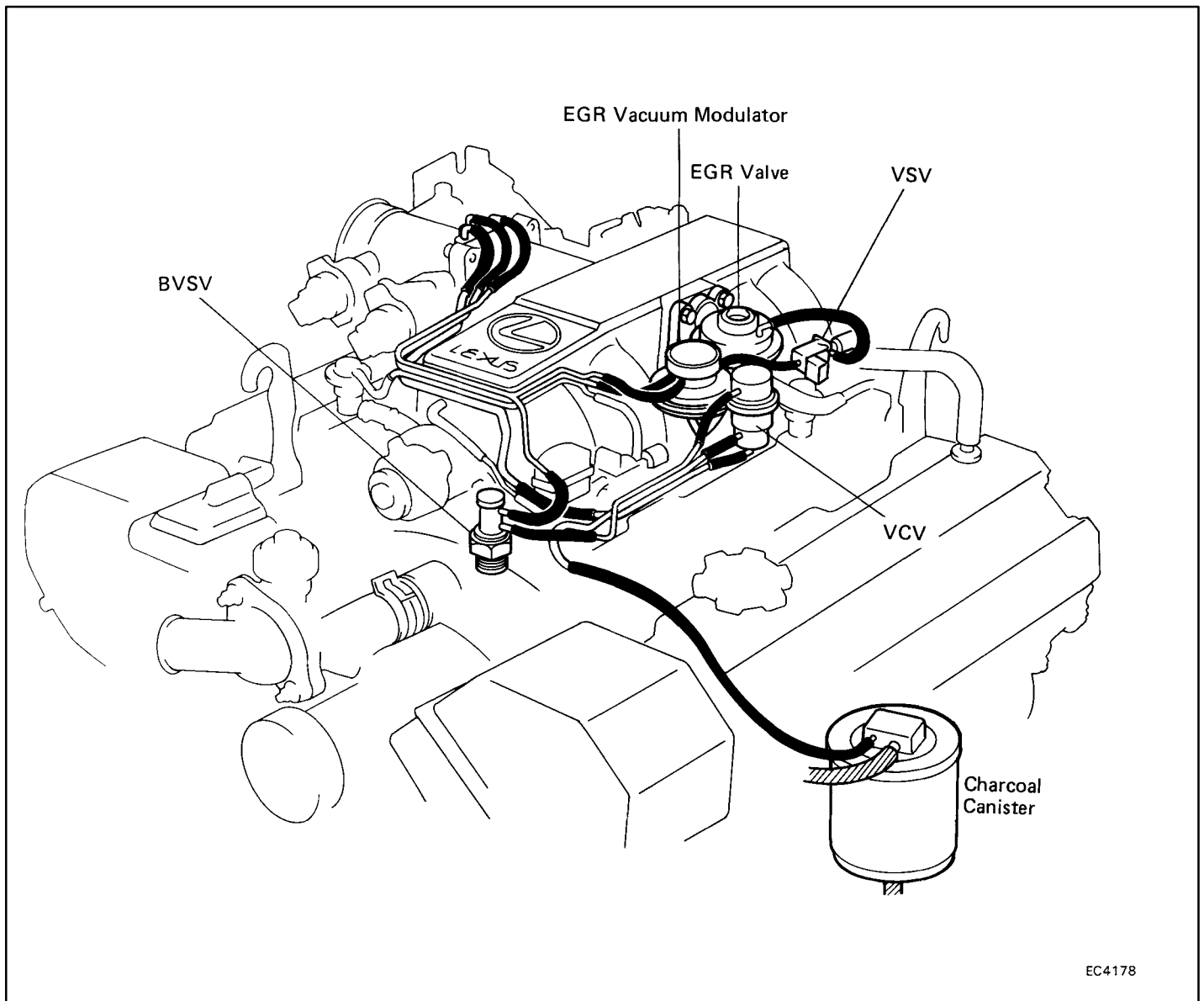
The system consists of the PCV, EVAP, EGR and TWC.

The function of each system is shown in the following table.

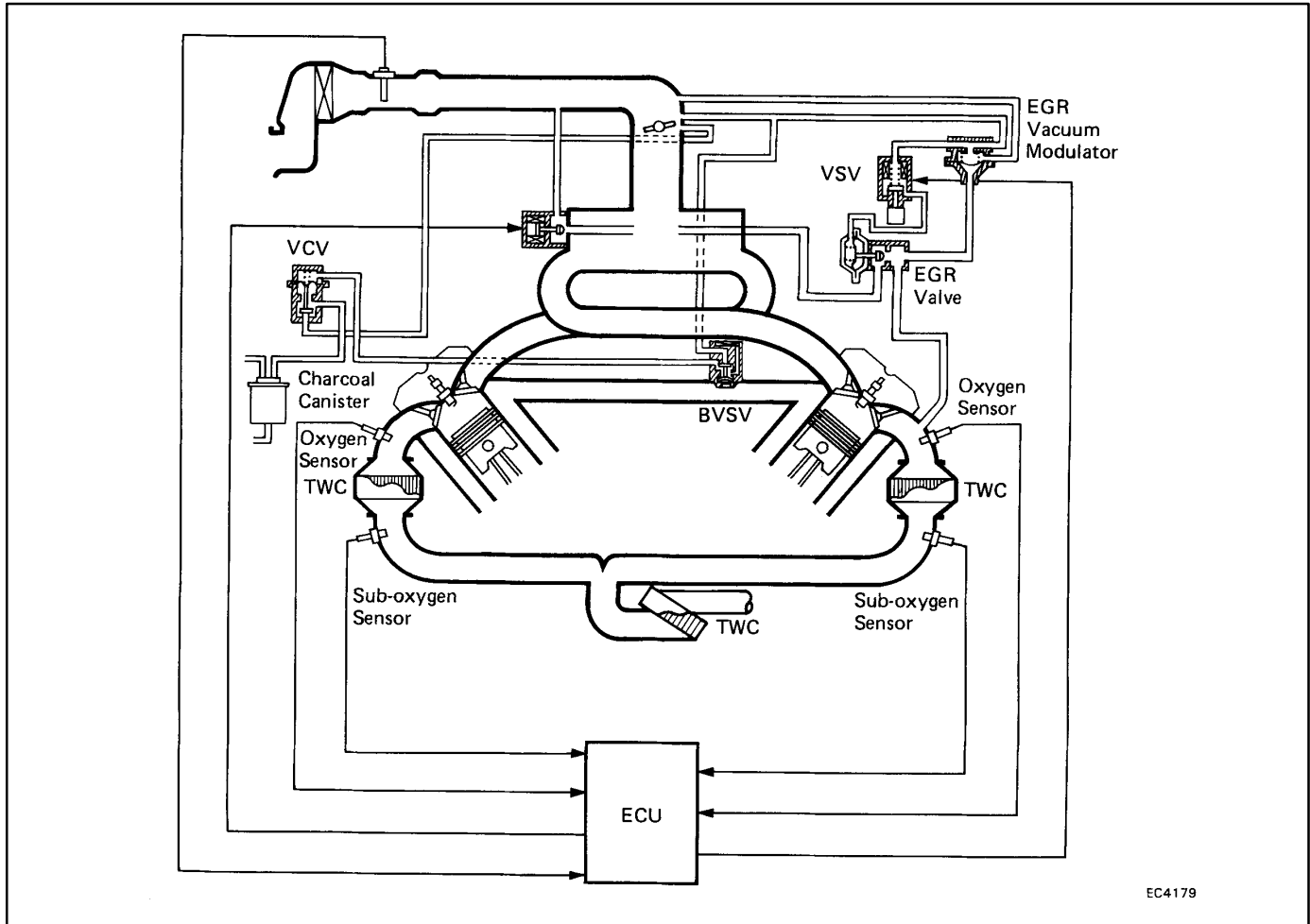
System	Abbreviation	Purpose
Positive crankcase ventilation	PCV	Reduces blow-by gas (HC)
Fuel evaporative emission control	EVAP	Reduces evaporative HC
Exhaust gas recirculation	EGR	Reduces NOx
Three-way catalyst	TWC	Reduces HC, CO, and NOx
Electronic fuel injection*	EFI	Regulates all engine conditions for reduction of exhaust emissions.

Remarks: * For inspection and repair of the EFI system, refer to EFI section.

COMPONENT LAYOUT



SCHEMATIC DRAWING



PREPARATION

SST (SPECIAL SERVICE TOOL)

Illustration	Part No.	Part Name	Note
	09843-18020	Diagnosis Check Wiring	for EGR system inspection

EQUIPMENT

Part Name	Note
Vacuum gauge	EGR system
Engine tune-up tester	Engine speed
Ohmmeter	VSV

SSM (SPECIAL SERVICE MATERIALS)

Part No.	Part Name	Note
08833-00070	THREE BOND 1324	BVSV