

EMISSION CONTROL SYSTEMS

SYSTEM PURPOSE

The emission control systems are installed to reduce the amount of HC, CO and NO_x exhausted from the engine ((3), (4) and (5)), to prevent the atmospheric release of blow-by gas-containing HC (1) and evaporated fuel containing HC being released from the fuel tank (2).

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

System	Abbreviation	Function
(1) Positive Crankcase Ventilation	PCV	Reduces HC
(2) Evaporative Emission Control	EVAP	Reduces evaporated HC
(3) Exhaust Gas Recirculation	EGR	Reduces NO _x
(4) Three-Way Catalytic Converter	TWC	Reduces HC, CO and NO _x
(5) Sequential Multiport Fuel Injection*	SFI	Injects a precisely timed, optimum amount of fuel for reduced exhaust emissions

Remark: * For inspection and repair of the SFI system, refer to the SFI section in this manual.

PREPARATION

RECOMMENDED TOOLS

	09082-00050 TOYOTA Electrical Tester Set.	
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EQUIPMENT

Heater	TVV
OBD II scan tool	Engine speed
Thermometer	TVV
Torque wrench	
Vacuum gauge	

SSM (SPECIAL SERVICE MATERIALS)

08833-00070 Adhesive 1324, THREE BOND 1324 or equivalent	TVV
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