■ FEATURES OF 5L-E ENGINE

The 5L-E engine has achieved the following performance features through the use of the items listed below.

(1) High performance and reliability

(2) Low noise and vibration

(3) Lightweight and compact design

(4) Good serviceability

(5) Clean emission and fuel economy

Section	Item	(1)	(2)	(3)	(4)	(5)
Engine Proper	A 4-layer steel-laminate type cylinder head gasket is used.	○				
	A FRM (Fiber Reinforced Metal) ring carrier is used.	○				
Valve Mechanism	An unequal-pitch spring is used for the valve spring.	○				
Cooling System	A pressurized reservoir tank is used.	○				
Intake and Exhaust System	An intake shutter valve (throttle valve), which is actuated by a step motor, is used.	○	○			○
Fuel System	An electronically controlled injection pump is used.	○	○			○
	A fuel filter, in which the fuel filter element alone can be replaced, is used.				○	
	A fuel filter warning switch that detects the clogging of the fuel filter is used.				○	
	A plastic fuel tank is used.			○		
Engine Control System	Non-contact sensors are used as the accelerator pedal position sensor and intake shutter valve position sensor.	○				
	Intake shutter control is used.	○				