■ FEATURES OF 2KD-FTV ENGINE

The 2KD-FTV engine has been able to achieve the following performance through the adoption of the item listed below.

(1) High performance and fuel economy

(2) Low noise and vibration

(3) Lightweight and compact design

(4) Good serviceability

(5) Clean emission

Item	(1)	(2)	(3)	(4)	(5)	Hilux	Land Cruiser/ Land Cruiser Prado
Crankshaft pulley has adopted a torsional damper.		○				○	←
A common-rail type fuel injection system is used.	○	○			○	○	←
A pressure discharge valve has been adopted in the common-rail.		○				○	—
HP3 type supply pump has adopted.	○	○	○			○	—
A pilot injection control system is used.	○	○			○	○	←
Injector is provided in the bore center to improve its air utilization rate.	○				○	○	←
Piston provided with combustion chamber has been adopted in conjunction with the adoption of direct injection.	○				○	○	←
Conventional type turbocharger is used.	○		○		○	○	—
A camshaft is driven by a timing belt and gear.		○	○			○	←
Step motor type throttle and air flow meter are used.	○	○			○	○	←
An automatic tensioner is provided for the timing belt.				○		○	←
A serpentine belt drive system to drive accessory components is used.			○	○		○	←
An EGR and a catalytic converter are used.					○	○	←
EGR valve position sensor is used.					○	○	—
The passage for the EGR is provided in the cylinder head.					○	○	←
Oil maintenance management system has been provided.				○		○	—