■MAJOR DIFFERENCE

▶ From 1KD-FTV engine on Land Cruiser/Land Cruiser Prado ◀

Item		Outline
Engine Proper	Cylinder Block	● The cylinder bore has been decreased. ● A rib has been added to the back of the cylinder block.
	Piston	● The piston diameter has been decreased. ● The piston ring carrier material has been changed.
Balance Shaft		A balance shafts have been discontinued.
Lubrication System		A catch plate has been provided for recovering the oil that drips during oil filter replacement.
Cooling System		EGR Cooler has been discontinued.
Intake and Exhaust System		● An exhaust gas control system has been adopted. ● The turbocharger type has been changed to conventional type from variable nozzle vane type. ● An inter cooler has been discontinued.
Fuel System		● HP3 type supply pump has been adopted. ● A pressure discharge valve has been provided in the common-rail.
Oil Maintenance Management System		Oil maintenance management system has been provided.
Engine Control System		● The 32-bit CPU of the engine ECU has been adopted. ● Some DTCs have been added. ● EGR valve position sensor has been adopted.