■ MAJOR DIFFERENCE

The table below lists the major differences between the 1KD-FTV and 2KD-FTV High Version engines.

Section	Item	1KD-FTV	2KD-FTV High Version
Engine Proper	A piston skirt coated with resin is used.	○	-
	A PVD (Physical Vapor Deposition) coating has been applied on the surface of the No. 1 compression ring	○	-
	2 balance shafts are used.	○	-
Intake and Exhaust System	A swirl control valve is used.	○	-
	A variable nozzle vane type turbocharger is used.	○	-
	An air-cooled type turbocharger is used.	-	○
	An intercooler is used.	○	-
	An oxidation catalytic converter is used.	○*	○
Fuel System	An 8-hole type injector is used.	○	-
	A 6-hole type injector is used.	-	○
	A fuel cooler is used.	○	-
Engine Control System	An EGR valve position sensor is used.	-	○
	A VSV (for EGR valve close) is used.	○	-
	A swirl control system is used.	○	-
	A turbocharger control system is used.	○	-

*: Models for high altitude country, and models compliant with EURO III and Tier 1 emission regulations