■MAJOR DIFFERENCES (from 15B-FTE Engine)

The 1BZ-FPE engine has been adopted to achieve the following performance through the adoption of the items listed below.

System	Features
Engine Proper	The piston shape has been changed.
Cooling System	The water passage has been changed.
Intake and Exhaust System	● The turbocharger has been discontinued. ● The intake and exhaust manifold shape have been changed.
Fuel System	● The fuel of this engine is used LPG (Liquified Petroleum Gas). ● The entire fuel system has been adopted for the 1BZ-FPE engine. ● The injection pump and injection nozzle have been discontinued.
Ignition System	The distributor, igniter, and spark plug have been adopted.
Engine Control System	● The following features have been adopted. – Air Fuel Ratio Control – ESA (Electronic Spark Advance) – Oxygen Sensor Heater Control – LPG Pre-heater Control ● The following features have been discontinued. – Fuel Injection Volume Control – Fuel Injection Timing Control – Stable Idling Control – Intake Restrictor Control – EGR Control – Intake Heater Control