■MAJOR DIFFERENCE (from 2TR-FE Engine)

Item	Outline
Engine Proper (See page EG-67)	● The material of the valve seat has been changed to be compatible with alcohol fuel. ● The piston and piston ring have been changed to be compatible with alcohol fuel.
Valve Mechanism (See page EG-68)	The materials of the valve have been changed to be compatible with alcohol fuel.
Intake and Exhaust System (See page EG-68)	● A fuel jet has been added to the intake manifold using the sub-tank system. ● The materials of the intake manifold gasket and throttle body gasket have been changed to be compatible with alcohol fuel.
Fuel System (See page EG-69)	● The fuel injector and main tank fuel pump have been changed to be compatible with alcohol fuel. ● The sub-tank system is added.
Ignition System (See page EG-73)	This has been changed to a double needle type spark plug to be compatible with alcohol fuel.
Engine Control System (See page EG-74)	● For the EFI (Electronic Fuel Injection) system, injection volume correction which is performed depending on the ethanol concentration of the fuel in the fuel main tank is added. ● For the ESA (Electronic Spark Advance) system, ignition timing correction which is performed depending on the ethanol concentration of the fuel in the fuel main tank is added. ● The sub-tank system control is used.