

■ MAJOR DIFFERENCE

The table below lists the major differences between the 1TR-FE and 2TR-FE engines (for leaded and unleaded gasoline).

Section	Item	1TR-FE	2TR-FE	
		Unleaded	Unleaded	Leaded
Engine Proper	The piston rings have been made to support leaded gasoline.	—	—	○
	2 balance shafts are used.	—	○	○
Valve Mechanism	The valve faces of the intake and exhaust valves have been metallized to support leaded gasoline.	—	—	○
Exhaust System	A TWC (Three Way Catalytic Converter) is used.	○	○	—
Fuel System	Long nozzle, 12-hole type fuel injectors are used.	○	○	—
	Long nozzle, 4-hole type fuel injectors are used.	—	—	○
Starting System	The PS (Planetary reduction-Segment conductor motor) type starter is used.	—	○*1	○
Engine Control System	The oxygen sensor is used.	○	○	—
	The variable resistor is used.	—	—	○
	The air-fuel ratio sensor is used.	—	○*2	—
	An Air Injection system has been adopted.	—	○*2	—

*1: except Central and South American Models

*2: for Thai, Australian, and Central and South American Models