

## MAJOR DIFFERENCE

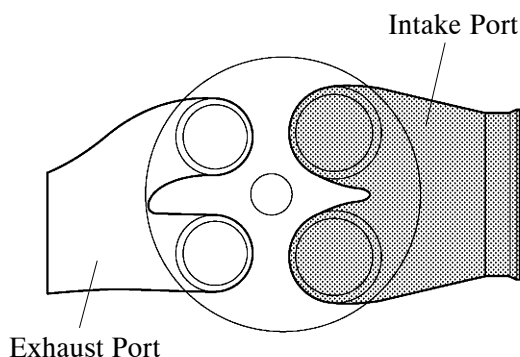
### ► From Previous 3RZ-FE Engine Model ◀

Item	Outline	Model	
		Unleaded	Leaded
Engine Proper	The shape of the intake port has been changed from the independent port to the Siamese port.	○	○
Intake and Exhaust System	A stainless steel made exhaust manifold has been adopted.	○	○
	<ul style="list-style-type: none"> <li>The internal construction and the location of the TWC (Three-Way Catalytic Converter) have been changed.</li> <li>The EGR system has been adopted.</li> </ul>	○	—
Fuel System	The 12-hole type fuel injectors has been adopted.	○	—
	<ul style="list-style-type: none"> <li>A multiplex layer plastic fuel tank has been adopted on the 5-door with single fuel tank model, and as the main fuel tank on the 5-door with dual fuel tank model.</li> <li>A jet pump has been newly provided on the dual fuel tank model in order to automatically transfer fuel from the sub fuel tank to the main fuel tank.</li> <li>A tether has been provided on the fuel tank cap.</li> <li>The quick-turn type fuel tank cap has been adopted.</li> </ul>	○	○
Ignition System	A DIS (Direct Ignition System) has been adopted.	○	—
Starting System	A compact and lightweight PS (Planetary reduction-Segment conductor motor) starter has been adopted.	○	○
Engine Control	<ul style="list-style-type: none"> <li>A fuel cut control has adopted that stops the fuel pump when the airbag is deployed at the front or side collision.(Only for unleaded model and with SRS airbag or SRS side and curtain shield airbags)</li> <li>The engine immobiliser ECU is enclosed in the engine ECU.</li> <li>An EGR control function, which regulates the EGR valve to control the EGR volume in accordance with the engine conditions, has been adopted.</li> </ul>	○	—

## ENGINE PROPER

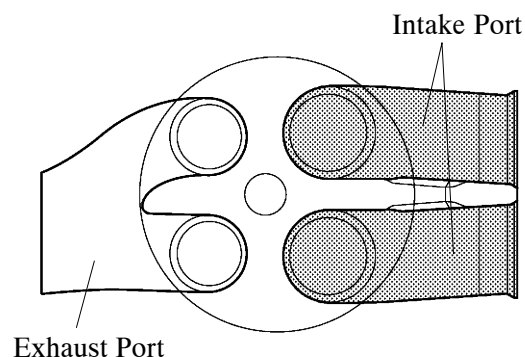
### Cylinder Head

The shape of the intake port has been changed from the independent type to a Siamese type in order to reduce the overall surface area of the intake port walls. This prevents the fuel from adhering onto the intake port walls, thus reducing HC exhaust emissions. However, on Australia model, Siamese type shape of intake port has been already used since it previous model.



**New**

215EG18



**Previous**

215EG19