■FEATURES OF 1AZ-FE AND 2AZ-FE ENGINES

The 1AZ-FE and 2AZ-FE engines have been able to achieve the following performance through of the adoption of the item listed below.

(1) High performance and fuel economy

(2) Low noise and vibration

(3) Lightweight and compact design

(4) Good serviceability

(5) Clean emission

Item	(1)	(2)	(3)	(4)	(5)	Camry	Previa and RAV4
The VVT-i system is used.	○				○	○	←
The ETCS-i is used.	○					○	—
A cylinder block made of aluminum alloy along with a magnesium head cover has been adopted.			○			○	←
The taper squish shape has been adopted for the piston head.	○				○	○	←
The DIS (Direct Ignition System) makes ignition timing adjustment unnecessary.	○			○	○	○	←
A serpentine belt drive system has been adopted, and the brackets and the engine have been integrated.			○	○		○	←
Timing chain has been used.			○	○		○	←
The fuel returnless system has been adopted.			○	○	○	○	←
Quick connectors are used to connect the fuel hose with the fuel pipes.				○		○	←
12-hole type fuel injectors with high atomizing performance have been adopted.	○				○	○	←
Iridium-tipped spark plugs have been adopted.	○			○		○	←
Intake manifold made of plastic has been adopted.			○			○	←
A 2-way exhaust control system has been adopted.	○	○				○	←
The use of an air fuel ratio sensor allows precise control.					○	○	←
A resin gear balance shaft has been adopted.		○	○			○	←
The PS (Planetary reduction-Segment conductor motor) starter has been adopted.			○			○	—

Other parts construction are the same as in the current Previa and RAV4.