

■ 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.