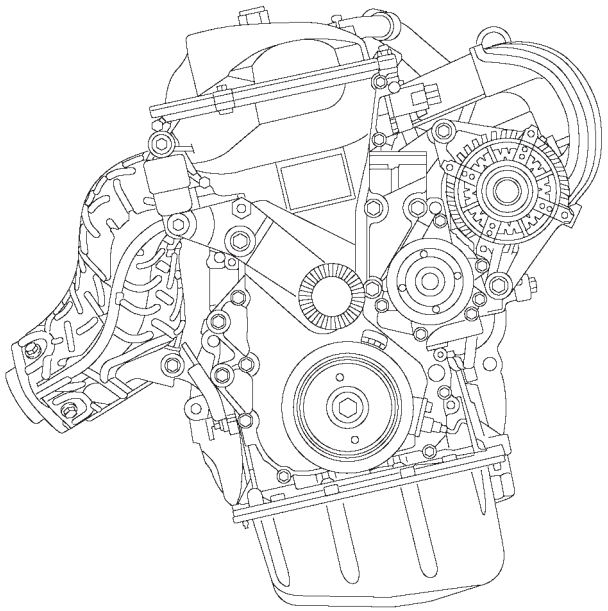
MAIN MECHANISM

ENGINE

An inline 4-cylinder, 16-valve 1.8 liter 1ZZ-FE engine is provided on all models for Europe, and a 2ZZ-GE gasoline engine is provided on all models for Australia.

1ZZ-FE ENGINE

- This engine realizes improved output and low-to mid-speed range torque and fuel economy through the adoption of the VVT-i (Variable Valve Timing-intelligent) system. Particularly during ordinary city driving conditions, this engine excels in total balance.

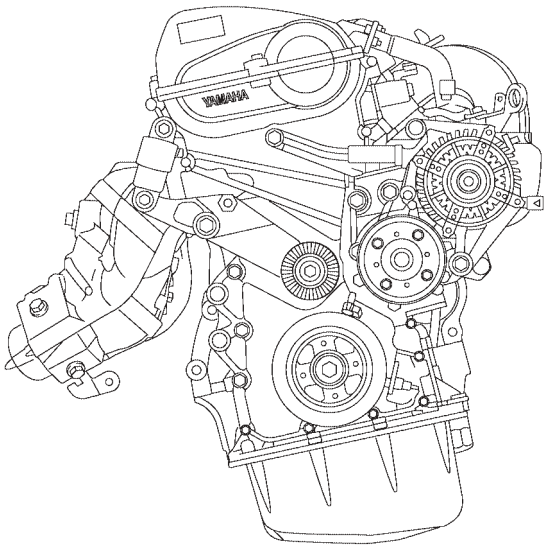


174MO25

Item	1ZZ-FE (1.8 liter)
Displacement	1794 cm^3
Type	L4 DOHC 16-valve
Bore x Stroke	79.0 x 91.5 mm
Compression Ratio	10.0 : 1
Maximum Output (kW/rpm)	105/6400
Maximum Torque (Nm/rpm)	170/4200
Fuel Octane Number (RON)	91

2ZZ-GE ENGINE

- Through the adoption of the VVTL-i (Variable Valve Timing and Lift-intelligent) system, dual pipe, and the MMC (Metal Matrix Composite) all-aluminum block, this engine realizes ease of handling in the practical range and the high rpm and high output that ensure sporty performance.



174MO26

Item	2ZZ-GE (1.8 liter)
Displacement	1796 cm^3
Type	L4 DOHC 16-valve
Bore x Stroke	82.0 x 85.0 mm
Compression Ratio	11.5 : 1
Maximum Output (kW/rpm)	140/7600
Maximum Torque (Nm/rpm)	180/6800
Fuel Octane Number (RON)	95 or More*

*: Use only premium unleaded gasoline.