PERFORMANCE

Power Train

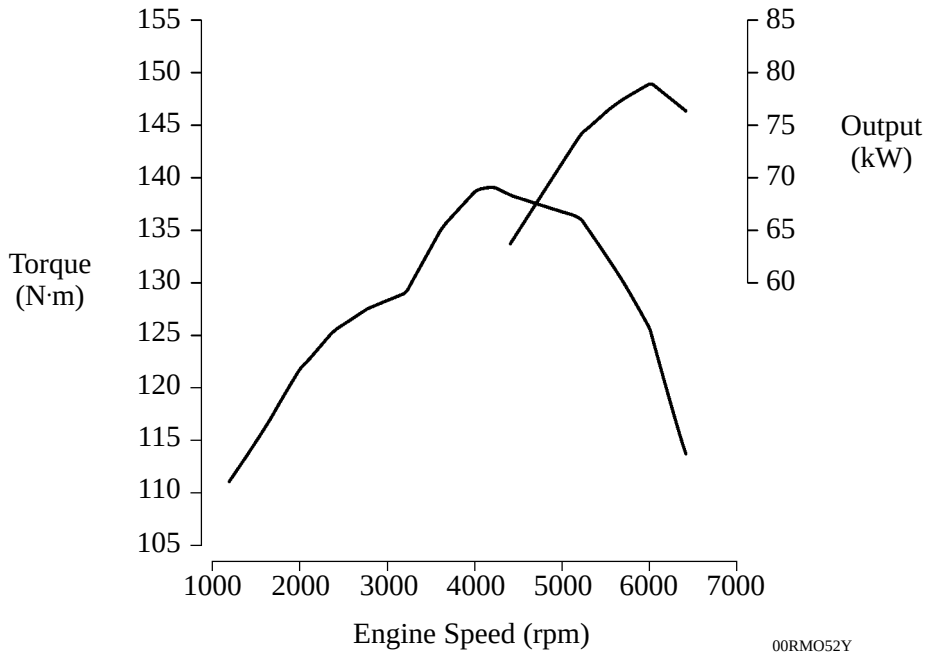
Engine

The 1NZ-FE engine that achieves high performance, quietness, fuel economy and clean emissions continues to be used.

Engine Type		1NZ-FE
No. of Cyls. & Arrangement		4-Cylinder, Inline-Type
Valve Mechanism		16-Valve DOHC, Chain Drive (with VVT-i)
Displacement	cm^3 (cu. in.)	1497 (91.3)
Bore x Stroke	mm^3 (in.)	75.0 x 84.7 (2.95 x 3.33)
Compression Ratio		10.5 : 1
Maximum Output*	[SAE]	79 kW @ 6000 rpm (106 HP @ 6000 rpm)
Maximum Torque*	[SAE]	139 N·m @ 4200 rpm (103 ft·lbf @ 4200 rpm)

*: Maximum output and torque rating is determined by revised SAE J1349 standard.

▶ 1NZ-FE Engine ◀



Transaxle

Transmission Type		C50 5-Speed Manual Transaxle	U340E 4-Speed Automatic Transaxle
Gear Ratio	1st	3.545	2.847
	2nd	1.904	1.552
	3rd	1.310	1.000
	4th	0.969	0.700
	5th	0.815	—
	Reverse	3.250	2.343

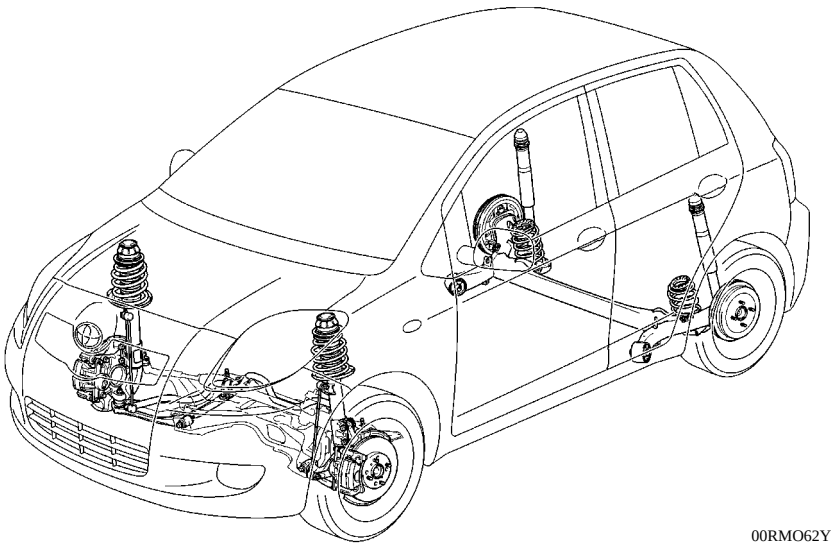
Chassis

Front Suspension

Type	MacPherson Strut Type Independent Suspension

Rear Suspension

Type	Torsion-beam Type



00RMO62Y

Steering

Type	EPS (Electronic Power Steering)
Gear Type	Rack & Pinion

Brake

Front Brake Type	Ventilated Disc
Front Rotor Size	255 x 22 mm (10.04 x 0.87 in.) with 14 inch wheel
Rear Brake Type	Leading-Trailing Drum
Rear Drum Size	200 mm (7.87 in.)
Parking Brake Type	Lever Type
Brake Control	ABS (Anti-lock Brake System)*
	*: Optional equipment for the U.S.A. models, standard equipment for the Canada models