PERFORMANCE

Power Train

Gasoline Engine

Type	1TR-FE	2TR-FE	2TR-FBE*2
No. of Cylinders & Arrangement	4-cylinder, In-line	4-cylinder, In-line	4-cylinder, In-line
Valve Mechanism	16-valve DOHC, Chain Drive (with VVT-i)	16-valve DOHC, Chain Drive (with VVT-i)	16-valve DOHC, Chain Drive (with VVT-i)
Displacement	1998 cm^3 (121.9 cu. in.)	2694 cm^3 (164.4 cu. in.)	2694 cm^3 (164.4 cu. in.)
Max. Output	100 kW @ 5600 rpm	118 kW @ 5200 rpm 116 kW @ 5200 rpm*1	120 kW @ 5000 rpm*3 116 kW @ 5000 rpm*4
Max. Torque	182 N·m @ 4000 rpm	241 N·m @ 3800 rpm 240 N·m @ 3800 rpm*1	245 N·m @ 3800 rpm
Fuel	Unleaded Gasoline	Unleaded Gasoline Leaded Gasoline	Alcohol Fuel*5

Type	1GR-FE
No. of Cylinders & Arrangement	6-cylinder, V Type
Valve Mechanism	24-valve DOHC, Chain Drive (with VVT-i)
Displacement	3956 cm^3 (241.4 cu. in.)
Max. Output	175 kW @ 5200 rpm
Max. Torque	376 N·m @ 3800 rpm*6 343 N·m @ 2400 – 4800 rpm*7
Fuel	Unleaded Gasoline

*1: Models for Australia and Brazil
*2: Models for Brazil
*3: For E100 (100% ethanol; actually 93% ethanol with water)
*4: For E22 (22% ethanol)
*5: Mixed fuel from E22 to E100 is available.
*6: Models with automatic transmission
*7: Models with manual transmission

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Diesel Engine

Type	2KD-FTV	2KD-FTV High Version	1KD-FTV
No. of Cylinders & Arrangement	4-cylinder, In-line	4-cylinder, In-line	4-cylinder, In-line
Valve Mechanism	16-valve DOHC, Belt & Gear Drive	16-valve DOHC, Belt & Gear Drive	16-valve DOHC, Belt & Gear Drive
Displacement	2494 cm^3 (152.2 cu. in.)	2494 cm^3 (152.2 cu. in.)	2982 cm^3 (182.0 cu. in.)
Max. Output	75 kW @ 3600 rpm	75 kW @ 3600 rpm*1 88 kW @ 3600 rpm*2 106 kW @ 3400 rpm*3	126 kW @ 3600 rpm*4 120 kW @ 3400 rpm*5
Max. Torque	200 N·m @ 1400 – 3400 rpm	260 N·m @ 1600 – 2400 rpm*1 325 N·m @ 2000 rpm*2 343 N·m @ 1600 – 2800 rpm*3	343 N·m @ 1400 – 3200 rpm*5 343 N·m @ 1400 – 3400 rpm*6 360 N·m @ 1400 – 3200 rpm*7

Type	5L-E
No. of Cylinders & Arrangement	4-cylinder, In-line
Valve Mechanism	8-valve OHC, Belt Drive
Displacement	2986 cm^3 (182.2 cu. in.)
Max. Output	70 kW @ 4000 rpm
Max. Torque	197 N·m @ 2200 rpm

*1: Models without intercooler
*2: Models with intercooler (without variable nozzle vane type turbocharger)
*3: Models with intercooler (with variable nozzle vane type turbocharger)
*4: Models compliant with EURO IV emission regulations
*5: Except models compliant with EURO IV emission regulations
*6: Models compliant with EURO IV emission regulations (except 5-speed automatic transmission)
*7: Models compliant with EURO IV emission regulations (5-speed automatic transmission)

Manual Transmission

Type		5-speed Manual							
		G50	G55	G58	G58F	R150	R150F	R151	R151F
Drive Type		2WD	2WD	2WD	4WD	2WD	4WD	2WD	4WD
Combination with Engine		2KD-FTV	1TR-FE	5L-E		2TR-FE, 2TR-FBE and 1GR-FE		1KD-FTV and 2KD-FTV	
Gear Ratio	1st	3.928	4.452	3.928		3.830		4.313	
	2nd	2.333	2.619	2.142		2.062		2.330	
	3rd	1.451	1.517	1.397		1.436		1.436	
	4th	1.000	1.000	1.000		1.000		1.000	
	5th	0.798	0.854	0.851		0.838		0.838	
	Reverse	4.743	4.472	4.743		4.220		4.220	

MO

Automatic Transmission

Type		4-speed Automatic				5-speed Automatic	
		A340E	A340F	A343E	A343F	A750E	A750F
Drive Type		2WD	4WD	2WD	4WD	2WD	4WD
Combination with Engine		1KD-FTV and 2KD-FTV		2TR-FE and 2TR-FBE		1GR-FE and 1KD-FTV	
Gear Ratio	1st	2.804		2.804		3.520	
	2nd	1.531		1.531		2.042	
	3rd	1.000		1.000		1.400	
	4th	0.705		0.753		1.000	
	5th	—		—		0.716	
	Reverse	2.393		2.393		3.224	