

Toyota Corolla

Engine	1.4 VVT-i	1.6 VVT-i	1.6 VVT-i M/M	1.4 D4D	1.4 D4D M/M	2.0 D4D
Type	4ZZ-FE	1ZR-FE	1ZR-FE	1ND-TV	1ND-TV	1AD-FTV
Number of cylinders	4	4	4	4	4	4
Valve mechanism	16-Valve, DOHC, Chain Drive	16-Valve, DOHC, Chain Drive	16-Valve, DOHC, Chain Drive	8-Valve, SOHC, Chain Drive	8-Valve, SOHC, Chain Drive	16-Valve, DOHC, Chain Drive
Bore x stroke, mm	79,0 x 71,3	80,5 x 78,5	80,5 x 78,5	73,0 x 81,5	73,0 x 81,5	86,0 x 86,0
Displacement, cm ³	1398	1598	1598	1364	1364	1998
Compression ratio	10,5 : 1	10,2 : 1	10,2 : 1	17,8 : 1	17,8 : 1	16,8 : 1
Maximum output, DIN hp/rpm	97/6000	124/6000	124/6000	90/3800	90/3800	126/3600
Maximum output, kW/rpm	71/6000	91/6000	91/6000	66/3800	66/3800	93/3600
Maximum torque, Nm/rpm	130/4400	157/4400	157/4400	190/1800-3000	190/1800-3000	300/2000-2800
Fuel injection system	Electronic Fuel Injection	Electronic Fuel Injection	Electronic Fuel Injection	Common-Rail	Common-Rail	Common-Rail
Fuel octane/cetane number	95E	95E	95E	Diesel	Diesel	Diesel
Brakes						
Brake type - front	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
Brake type - rear	Solid Disc	Solid Disc	Solid Disc	Solid Disc	Solid Disc	Solid Disc
ABS	Standard	Standard	Standard	Standard	Standard	Standard
VSC	Standard	Standard	Standard	Standard	Standard	Standard
Parking brake	Solid Disc	Solid Disc	Solid Disc	Solid Disc	Solid Disc	Solid Disc
Chassis						
Suspension type - front	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut
Suspension type - rear	Torsion beam	Torsion beam	Torsion beam	Torsion beam	Torsion beam	Torsion beam
Number of doors	4	4	4	4	4	4
Number of seats	5	5	5	5	5	5
Dimensions						
Overall length, mm	4540	4540	4540	4540	4540	4540
Overall width, mm	1760	1760	1760	1760	1760	1760
Overall height, mm	1470	1470	1470	1470	1470	1470
Wheelbase, mm	2600	2600	2600	2600	2600	2600
Tread - front, mm	1525	1525	1525	1525	1525	1525
Tread - rear, mm	1525	1525	1525	1525	1525	1525
Minimum turning radius, m	5,2	5,2	5,2	5,2	5,2	5,2
Overhang - front, mm	935	935	935	935	935	935
Overhang - rear, mm	1005	1005	1005	1005	1005	1005
Clearance, mm	135	135	135	135	135	135
Fuel consumption						
Fuel type	Petrol	Petrol	Petrol	Diesel	Diesel	Diesel
Extra urban conditions L/100km	5,7	5,8	5,7	4,3	4,3	4,4
Urban conditions L/100km	8,6	9,0	8,4	5,8	5,8	7,0
Combined L/100 km	6,7	6,9	6,7	4,9	4,9	5,3

CO2 emissions combined, g/km	158	162	157	128	127	141
Masses						
Kerb weight, kg	1300-1315	1315-1330	1335	1335-1350	1355	1480
Gross vehicle weight, kg	1735	1760	1760	1780	1780	1890
Towing capacity with/without brakes, kg	1000/450	1300/450	1200/450	1000/450	1000/450	1300/450
Payload, kg	420-435	430-445	425	430-445	425	410
Luggage compartment, l	450	450	450	450	450	450
Fuel tank capacity	55	55	55	55	55	55
Performance						
Maximum speed, km/h	170	195	195	175	175	200
Acceleration 0-100 km/h	13,0	10,4	12,1	12,0	14,7	10,3
Acceleration 0-400 m	18,6	17,3	18,1	18,0	19,3	17,2
Steering						
Type	Rack & Pinion	Rack & Pinion	Rack & Pinion	Rack & Pinion	Rack & Pinion	Rack & Pinion
Ratio	14,4	14,4	14,4	14,4	14,4	14,4
Transmission						
Type	C50	C50	C50A	C53	C53A	EA61
Clutch	Dry, Single Plate	Dry, Single Plate	Dry, Single Plate	Dry, Single Plate	Dry, Single Plate	Dry, Single Plate
Gearbox	Manual	Manual	MultiMode(M/M)	Manual	MultiMode(M/M)	Manual
1. gear	3,545	3,545	3,545	3,545	3,545	3,538
2. gear	1,904	1,904	1,904	1,904	1,904	1,913
3. gear	1,310	1,310	1,310	1,310	1,310	1,218
4. gear	0,969	0,969	0,969	0,969	0,969	0,860
5. gear	0,815	0,815	0,815	0,725	0,725	0,790
6. gear						0,673
Reverse gear	3,250	3,250	3,250	3,250	3,250	3,831
Tyres and Wheels						
Wheel size	16 x 6 1/2 J	16 x 6 1/2 J	16 x 6 1/2 J	16 x 6 1/2 J	16 x 6 1/2 J	16 x 6 1/2 J
Tyre size	205/55 R16	205/55 R16	205/55 R16	205/55 R16	205/55 R16	205/55 R16