

TOYOTA COROLLA TECHNICAL SPECIFICATIONS

1.8-litre Hybrid		
Engine Code	2ZR-FXE	
Type	Four cylinders in-line	
Valve mechanism	DOHC 16-valve with VVT-i	
Fuel system	Electronic fuel injection	
Displacement (cc)	1,798	
Bore x stroke (mm)	80.5 x 88.3	
Compression ratio	13.0:1	
Max. torque (Nm @ rpm)	142 @ 3,600	
Max. engine power (bhp/DIN hp/kW @ rpm)	97/98/72 @ 5,200	
Total hybrid system max. output (bhp/DIN hp/kW)	138/140/103	
2.0-litre Hybrid		
Engine Code	M20A-FXS	
Type	Four cylinders in-line	
Valve mechanism	DOHC 16-valve with VVT-i	
Fuel system	Electronic fuel injection	
Displacement (cc)	1,987	
Bore x stroke (mm)	80.5 x 97.6	
Compression ratio	14.0:1	
Max, engine output (bhp/DIN hp/kW @ rpm)	150/131/112 @ 6,000	
Max torque (Nm @ rpm)	190 @ 4,400	
Total hybrid system max. output (bhp/DIN hp/kW)	176/178/131	
Electric motor	1.8 Hybrid	2.0 Hybrid
Motor type	Permanent magnet, synchronous	
Max. voltage (v)	600	
Max. power (kW)	70	83
Max. torque (nm)	185	206
High-voltage battery	1.8 Hybrid	2.0 Hybrid
Battery type	Lithium-ion	
Number of modules (12 cells per module)	56	60
Nominal voltage (v)	600	

Battery capacity (amp/h)		4.08		
Max.net power (kW)		73	80	
TRANSMISSION		1.8 Hybrid	2.0 Hybrid	
Type		CVT	CVT	
Gear ratios	Differential gear ratio	2.834	3.193	
PERFORMANCE		1.8 Hybrid	2.0 Hybrid	
Max Speed (mph)		112	112	
0-62mph acceleration (sec)	Hatchback	9.1	7.4	
	Touring Sports	9.4	7.7	
FUEL CONSUMPTION (WLTP)		1.8 Hybrid	2.0 Hybrid	
Combined (mpg)	Hatchback	Icon	64.2	64.2
		Design	61.4	62.8
		GR Sport	60.1	61.4
		Excel	60.1	61.4
	Touring Sports	Icon	62.8	64.2
		Design	60.1	61.4
		GR Sport	60.1	61.4
		Excel	60.1	61.4
Fuel tank capacity (l)		43	43	
CO₂ EMISSIONS (WLTP)		1.8 Hybrid	2.0 Hybrid	
Combined (g/km)	Hatchback	Icon	100	101
		Design	104	105
		GR Sport	105	106
		Excel	106	106
	Touring Sports	Icon	101	103
		Design	106	107
		GR Sport	107	107
		Excel	107	108
Insurance groups		17E-18E	21E-22E	
Service schedule		10,000 miles/annually		
BRAKES		1.8 Hybrid	2.0 Hybrid	
Front – ventilated discs (diameter, mm)		282	298	
Rear – solid discs (diameter, mm)		274	274	
SUSPENSION				

Front		MacPherson strut, anti-roll bar	
Rear		Multilink, anti-roll bar	
STEERING			
Type		Rack and pinion, electric power steering	
Ratio	16in wheel	13.5:1	
	17/18in wheel	13.6:1	
Turns lock-to-lock	16in wheel	2.65	
	17/18in wheel	2.76	
Min. turning radius – body	16in wheel	5.6	
	17/18in wheel	5.8	
Min. turning radius – tyre	16in wheel	5.2	
	17/18in wheel	5.4	
EXTERIOR DIMENSIONS		HATCHBACK	TOURING SPORTS
Overall length (mm)		4,370 4,380 GR Sport	4,650 4,660 GR Sport
Overall width (mm)		1,790	1,790
Overall height (mm)		1,460	1,460
Wheelbase (mm)		2,640	2,700
Front track (mm)	16in wheel	1,530	1,530
	17/18in wheel	1,530	1,530
Rear track (mm)	16in wheel	1,544	1,544
	17/18in wheel	1,544	1,544
Front overhang (mm)		935	935
Rear overhang (mm)		795	1,015
Ground clearance (mm)		135	135
Coefficient of drag (Cd)		0.31	0.31
INTERIOR DIMENSIONS		HATCHBACK	TOURING SPORTS
Interior length (mm)		1,795	1,855
Interior width (mm)		1,510	1,510
Interior height (mm)		1,155	1,155
Loadspace length – rear seats up (mm)		1,795	1,860
Loadspace max. Width (mm)		1,395	1,430

Loadspace height – to tonneau (mm)		350	520
Load capacity (l)	1.8 hybrid	361	596
	2.0 hybrid	313	581
WEIGHTS		HATCHBACK	TOURING SPORTS
Kerb weight (kg)	1.8 hybrid	1,345 – 1,410	1,400 – 1,480
	2.0 hybrid	1,385 – 1,485	1,440 – 1,535
Gross vehicle weight (kg)	1.8 hybrid	2,570	2,635
	2.0 hybrid	2,660	2,705
Towing capacity – braked (kg)	1.8 & 2.0 hybrid	750	750
Towing capacity – unbraked (kg)		450	450
WHEELS & TYRES		HATCHBACK	TOURING SPORTS
Wheels		16, 17 or 18in alloy	
Tyres	16in wheel	205/55R16 91V	
	17in wheel	225/45R17 91W	
	18in wheel	225/40R18 92W	

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