

## TOYOTA COROLLA TECHNICAL SPECIFICATIONS

<b>1.8-litre Hybrid</b>	
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 – 4,000
Total hybrid system max. output (bhp/kW)	120/90 @ 5,200
<b>Electric motor</b>	
Motor type	Permanent magnet, synchronous
Max. voltage (v)	600
Max. power (kW)	53
Max. torque (nm)	163
<b>High-voltage battery</b>	
Battery type	Lithium-ion
Number of cells	56
Nominal voltage (v)	207
Battery capacity (amp/h)	3.6
<b>2.0-litre HYBRID</b>	
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 torque (Nm @ rpm)	190 @ 4,400 – 5,200
Total hybrid system max. output (bhp/kW)	181/135
<b>Electric motor</b>	
Motor type	Permanent magnet, synchronous
Max. voltage (v)	650

Max. power (kW)		80			
Max. torque (nm)		202			
<b>High-voltage battery</b>					
Battery type		Nickel-metal hydride			
Number of cells		180			
Nominal voltage (v)		216			
Battery capacity (amp/h)		6.5			
<b>TRANSMISSIONS</b>		<b>1.8 Hybrid</b>	<b>2.0 Hybrid</b>		
Type		CVT		CVT	
Gear ratios	Differential gear ratio	2.834	3.193		
<b>PERFORMANCE</b>		<b>1.8 Hybrid</b>	<b>2.0 Hybrid</b>		
Max Speed (mph)		112		112	
0-62mph acceleration (sec)	Hatchback	10.9		7.9	
	Touring Sports	11.1		8.1	
<b>FUEL CONSUMPTION (WLTP)</b>		<b>1.8 Hybrid</b>	<b>2.0 Hybrid</b>		
Combined (mpg)	Hatchback	Icon	55.39-62.77		50.44-57.65
		Icon Tech	55.39-62.77		50.44-57.65
		Design	55.39-57.65		50.44-54.32
		GR Sport	55.39-56.50		50.44-53.30
		Excel	55.39-56.50		50.44-53.30
	Touring Sports	Icon	55.39-61.41		50.44-56.50
		Icon Tech	55.39-61.41		50.44-56.50
		Design	55.39-57.65		50.44-52.31
		GR Sport	55.39-56.50		51.36-53.30
		Excel	55.39-56.50		51.36-52.31
	TREK	55.39-56.50		50.44-53.30	
Fuel tank capacity (l)		43		43	
<b>CO<sub>2</sub> EMISSIONS (WLTP)</b>		<b>1.8 Hybrid</b>	<b>2.0 Hybrid</b>		
Combined (g/km)	Hatchback	Icon	102		111
		Icon Tech	102		111
		Design	110-111		120
		GR Sport	112		119
		Excel	112		120
		Icon	103		112

	Touring Sports	Icon Tech	103	112
		Design	112	121
		GR Sport	112	121
		Excel	112	121
		TREK	113	121
Insurance groups			14E-15E	18E-21E
Service schedule		10,000 miles/annually		
<b>BRAKES</b>			<b>1.8 Hybrid</b>	<b>2.0 Hybrid</b>
Front – ventilated discs (diameter, mm)			282	298
Rear – solid discs (diameter, mm)			274	274
<b>SUSPENSION</b>				
Front		MacPherson strut, anti-roll bar		
Rear		Multilink, anti-roll bar		
<b>STEERING</b>				
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		
<b>EXTERIOR DIMENSIONS</b>		<b>HATCHBACK</b>	<b>TOURING SPORTS</b>	
Overall length (mm)		4,370	4,650	
Overall width (mm)		1,790	1,790 1,805 TREK	
Overall height (mm)		1,435	1,435	

			1,455 TREK
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	1,018
Ground clearance (mm)		135	135
Coefficient of drag (Cd)		0.31	0.31
<b>INTERIOR DIMENSIONS</b>		<b>HATCHBACK</b>	<b>TOURING SPORTS</b>
Interior length (mm)		1,795	1,895
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	598
	2.0 hybrid	313	581
<b>WEIGHTS</b>		<b>HATCHBACK</b>	<b>TOURING SPORTS</b>
Kerb weight (kg)	1.8 hybrid	1,295 – 1,400	1,300 – 1,430
	2.0 hybrid	1,340 – 1,510	1,370 – 1,560
Gross vehicle weight (kg)	1.8 hybrid	1,820	1,835
	2.0 hybrid	1,910	1,955
Towing capacity – braked (kg)	1.8 & 2.0 hybrid	750	750
Towing capacity – unbraked (kg)		450	450
<b>WHEELS &amp; TYRES</b>		<b>HATCHBACK</b>	<b>TOURING SPORTS</b>
Wheels		16, 17 or 18in alloy	
Tyres	16in wheel	205/55R16 91V	
	17in wheel	225/45R17 91W	
	18in wheel	225/40R18 92W	