

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 – 4,000	
Total hybrid system max. output (bhp/kW)	120/90 @ 5,200	
Electric motor		
Motor type	Permanent magnet, synchronous	
Max. voltage (v)	600	
Max. power (kW)	53	
Max. torque (nm)	163	
High-voltage battery	Hatchback & Touring Sports	Saloon
Battery type	Lithium-ion	Nickel-metal hydride
Number of cells	56	168
Nominal voltage (v)	207	201.6
Battery capacity (amp/h)	3.6	7.2
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 torque (Nm @ rpm)		190 @ 4,400 – 5,200		
Total hybrid system max. output (bhp/kW)		181/135		
Electric motor				
Motor type		Permanent magnet, synchronous		
Max. voltage (v)		650		
Max. power (kW)		80		
Max. torque (nm)		202		
High-voltage battery				
Battery type		Nickel-metal hydride		
Number of cells		180		
Nominal voltage (v)		216		
Battery capacity (amp/h)		6.5		
TRANSMISSIONS		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	10.9	7.9	
	Touring Sports	11.1	8.1	
	Saloon	11.0	-	
FUEL CONSUMPTION (WLTP)		1.8 Hybrid	2.0 Hybrid	
Combined (mpg)	Hatchback	Icon	55.42-62.77	50.45-57.65
		Icon Tech	55.42-62.77	50.45-57.65
		Design (with tyre repair kit)	55.42-57.65	50.45-54.32
		GR Sport	55.42-57.65	50.45-53.30
		Excel	55.42-57.65	50.45-53.30
	Touring Sports	Icon	55.42-62.77	50.45-57.65
		Icon Tech	55.42-62.77	50.45-57.65
		Design (with tyre repair kit)	55.42-57.65	50.45-53.30

		GR Sport	55.42-57.65	50.45-53.30
		Excel	55.42-57.65	50.45-53.30
		TREK	55.42-56.40	50.45-53.30
	Saloon	Icon	53.86-62.77	-
		Icon Tech	53.86-62.77	-
		Design	53.86-57.65	-
Fuel tank capacity (l)			43	43
CO₂ EMISSIONS (WLTP)			1.8 Hybrid	2.0 Hybrid
Combined (g/km)	Hatchback	Icon	101-103	111-112
		Icon Tech	101-103	111-112
		Design (with tyre repair kit)	110	118-119
		GR Sport	112-113	118-119
		Excel	112-113	120-121
	Touring Sports	Icon	101-103	111-112
		Icon Tech	101-103	111-112
		Design (with tyre repair kit)	111-112	119
		GR Sport	112-113	119
		Excel	112-113	120-121
		TREK	113	121
	Saloon	Icon	101-103	-
		Icon Tech	101-103	-
		Design	110	-
	Insurance groups			14E-15E
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	4,650
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	135
Coefficient of drag (Cd)		0.31	0.31	0.31
INTERIOR DIMENSIONS		HATCHBACK	TOURING SPORTS	SALOON
Interior length (mm)		1,795	1,895	1,890
Interior width (mm)		1,510	1,510	1,510
Interior height (mm)		1,155	1,155	1,155
Loadspace length – rear seats up (mm)		1,795	1,860	1,055
Loadspace max. Width (mm)		1,395	1,430	1,360
Loadspace height – to tonneau (mm)		350	520	520
Load capacity (l)	1.8 hybrid	361	598	471
	2.0 hybrid	313	581	-
WEIGHTS		HATCHBACK	TOURING SPORTS	SALOON
Kerb weight (kg)	1.8 hybrid	1,295 – 1,400	1,300 – 1,430	1,310
	2.0 hybrid	1,340 – 1,510	1,370 – 1,560	-
Gross vehicle weight (kg)	1.8 hybrid	1,820	1,835	1,835
	2.0 hybrid	1,910	1,955	-
Towing capacity – braked (kg)	1.8 & 2.0 hybrid	750	750	750
Towing capacity – unbraked (kg)		450	450	450
WHEELS & TYRES		HATCHBACK	TOURING SPORTS	SALOON
Wheels		16, 17 or 18in alloy		
Tyres	16in wheel	205/55R16 91V		
	17in wheel	225/45R17 91W		
	18in wheel	225/40R18 92W		

Ref:201111M