

TOYOTA C-HR TECHNICAL SPECIFICATIONS

POWERTRAIN	1.8 HEV	2.0 PHEV
Engine Code	2ZR-FXE	M20A-FSX
Type	16-valve DOHC, 4 cylinders in-line	
Valve mechanism	VVT-i + VVT-iE	
Fuel system	Electronic fuel injection	
Displacement (cc)	1,798	1,987
Bore x stroke (mm)	80.5 x 88.3	80.5 x 97.6
Compression ratio	13.0:1	14.0:1
Max. engine torque (Nm @ rpm)	142 @ 3,600	190 @ 4,400 – 5,200
Max. engine power (bhp/DIN hp/kW @ rpm)	97/98/72 @ 5,200	150/152/112 @ 6,000
Total hybrid system max. output (bhp/DIN hp/kW)	138/140/103	220/223/164
Electric motor	1.8 HEV	2.0 PHEV
Motor type	Permanent magnet, synchronous motor	
Max. voltage (v)	600	650
Max. power (kW)	70	120
Max. torque (nm)	185	208
Hybrid battery	1.8 HEV	2.0 PHEV
Battery type	Lithium-ion	
Number of cells	56	74
Nominal voltage (v)	600	650
Battery capacity (amp/h)	4.08	11.55
Max.net power (kW)	70	120
TRANSMISSION	1.8 HEV	2.0 PHEV
Type	e-CVT	
Differential gear ratio	3.016	3.605
PERFORMANCE	1.8 HEV	2.0 PHEV
Max Speed (mph)	106	112
0-62mph acceleration (sec)	10.2	7.4*
FUEL CONSUMPTION & EMISSIONS	1.8 HEV	2.0 PHEV
WLTP combined fuel consumption (mpg)	from 60.10	from 353.1
Fuel tank capacity	43	
WLTP combined CO ₂ emissions (g/km)	from 105	from 19
Insurance groups	20E-29A	25-27E
Service schedule	10,000 miles/annually	
BRAKES	1.8 HEV	2.0 PHEV
Front	16in callipers & ventilated discs	17in callipers & ventilated discs
Rear	Solid discs	

Parking brake	Electronic	
SUSPENSION	1.8 HEV	2.0 PHEV
Front	MacPherson strut	
Rear	Double wishbone	
STEERING	1.8 HEV	2.0 PHEV
Type	Electric power steering, rack and pinion	
Turns lock-to-lock	2.65	
Min turning radius – body (m)	5.8	
Min turning radius – tyre (m)	5.5	
EXTERIOR DIMENSIONS	1.8 HEV	2.0 PHEV
Overall length (mm)	4,362	
Overall width (mm)	1,832	
Overall height (mm)	1,564	
Wheelbase (mm)	2,640	
Front track (mm)	1,570 (Design/GR Sport) 1,550 (Excel)	
Rear track (mm)	1,585 (Design/GR Sport) 1,565 (Excel)	
Front overhang (mm)	911	
Rear overhang (mm)	811	
Ground clearance (mm)	161 – HEV 137 - PHEV	
Coefficient of drag (Cd)	0.318	
INTERIOR DIMENSIONS	1.8 HEV	2.0 PHEV
Interior length (mm)	1,690	
Interior width (mm)	1,465	
Interior height (mm)	1,210	
Load capacity – to tonneau cover (l)	388	310
WEIGHTS	1.8 HEV	2.0 PHEV
Kerb weight (kg)	1,430-1,490	1,645-1,695
Gross vehicle weight (kg)	1,930	2,130
Towing capacity – braked (kg)	725	
Towing capacity – unbraked (kg)	725	
WHEELS & TYRES	1.8 HEV	2.0 PHEV
Wheels (in)	17, 18, 19 alloy	18, 19 & 20 alloy
Tyres	215/60R17 225/55R18 225/50R19	225/55R18 225/50R19 245/40R20

* Subject to confirmation

This specification table is a guide for media only; customers should check vehicle specifications with their Toyota Centre, or the Toyota.co.uk website.