

TOYOTA C-HR TECHNICAL SPECIFICATIONS

POWERTRAIN	1.8 HEV	2.0 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	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	193/197/145	220/223/164
Electric motor	1.8 HEV	2.0 HEV	2.0 PHEV
Motor type	Permanent magnet, synchronous motor		
Max. voltage (v)	600		650
Max. power (kW)	70	83	120
Max. torque (nm)	185	206	208
Hybrid battery	1.8 HEV	2.0 HEV	2.0 PHEV
Battery type	Lithium-ion		
Number of cells	56	60	74
Nominal voltage (v)	600		650
Battery capacity (amp/h)	4.08		11.55
Max.net power (kW)	70	80	120
TRANSMISSION	1.8 HEV	2.0 HEV	2.0 PHEV
Type	e-CVT		
Differential gear ratio	3.016	3.605	
PERFORMANCE	1.8 HEV	2.0 HEV	2.0 PHEV
Max Speed (mph)	106	112	
0-62mph acceleration (sec)	10.2	8.1	7.4*
FUEL CONSUMPTION & EMISSIONS	1.8 HEV	2.0 HEV	2.0 PHEV
WLTP combined fuel consumption (mpg)	from 60.10	from 57.65	from 353.1
Fuel tank capacity	43		
WLTP combined CO ₂ emissions (g/km)	from 105	from 110	from 19
Insurance groups	20E-29A		TBC
Service schedule	10,000 miles/annually		
BRAKES	1.8 HEV	2.0 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 HEV	2.0 PHEV
Front	MacPherson strut		
Rear	Double wishbone		
STEERING	1.8 HEV	2.0 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 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 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	364	310
WEIGHTS	1.8 HEV	2.0 HEV	2.0 PHEV
Kerb weight (kg)	1,430-1,490	1,465-1,520	1,645-1,695
Gross vehicle weight (kg)	1,930	1,955	2,130
Towing capacity – braked (kg)	725		
Towing capacity – unbraked (kg)	725		
WHEELS & TYRES	1.8 HEV	2.0 HEV	2.0 PHEV
Wheels (in)	17, 18, 19 alloy	19 & 20 alloy	18, 19 & 20 alloy
Tyres	215/60R17 225/55R18 225/50R19	225/50R19 245/40R20	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.