

**TOYOTA C-HR TECHNICAL SPECIFICATIONS**

<b>ENGINE</b>		<b>1.8 HYBRID</b>	<b>2.0 HYBRID</b>
Engine code		2ZR-FXE	M20A-FXS
Type		4 cylinders, in-line	
Valve mechanism		DOHC 16-valve with VVT-i	DOHC 16-valve with VVT-iE (intake) and VVT-i (exhaust)
Fuel system		Electronic fuel injection	D-4S direct/port 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. power (bhp/DIN hp/kW @ rpm)	Engine	97/98/72 @ 5,200	150/152/112 @ 6,000
	Total hybrid system (engine and motor)	120/122/90 @ 5,200	182/184/135 @ 6,000
Max. torque (Nm @ rpm)		142 @ 3,600 – 4,000	190 @ 4,400 – 5,200
<b>HYBRID SYSTEM</b>		<b>1.8 HYBRID</b>	<b>2.0 HYBRID</b>
<b>Hybrid battery</b>		Lithium-ion (Li-ion)	Nickel-metal hydride (NiMH)
Nominal voltage (V)		207.6	216
<b>Motor generator</b>			
Type		Permanent magnet synchronous	
Max. voltage (V)		600	650
Max. output (kW)		53	80
Max. torque (Nm)		163	202
Total hybrid system (engine and motor) max. power (bhp/DIN hp/kW @ rpm)		120/122/90 @ 5,200	182/184/135 @ 6,000
<b>TRANSMISSION</b>		<b>1.8 HYBRID</b>	<b>2.0 HYBRID</b>
Type		Planetary gear system Hybrid CVT, FWD	
Differential gear ratio		3.218:1	3.605:1

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<b>PERFORMANCE</b>		<b>1.8 HYBRID</b>	<b>2.0 HYBRID</b>
Max. speed (mph)		105	112
Acceleration 0-62mph (sec)		11.0	8.2
<b>FUEL CONSUMPTION &amp; EMISSIONS (WLTP)</b>		<b>1.8 HYBRID</b>	<b>2.0 HYBRID</b>
Fuel consumption – combined (mpg)	Icon	53.3 – 57.65	n/a
	Design	53.3 – 57.6	49.6 – 53.3
	Excel	53.3 – 56.5	49.6 – 53.3
	GR Sport	53.3 – 56.5	49.6 – 54.3
CO <sub>2</sub> emissions – combined (g/km)	17in wheel	110 -120	n/a
	18in wheel	111 - 120	119 - 128
	19in wheel	112 - 120	120 - 128
Fuel tank capacity (l)		50	
<b>INSURANCE, WARRANTY &amp; SERVICING</b>			
Insurance groups		15E – 16E	21E – 22E
New car mechanical warranty		5 years/100,000 miles	
Paintwork and surface rust warranty		3 years	
Anti-corrosion/perforation warranty		12 years	
Service intervals		10,000 miles/annually	
<b>CHASSIS</b>		<b>1.8 HYBRID</b>	<b>2.0 HYBRID</b>
<b>Suspension</b>			
Front suspension		MacPherson strut	
Rear suspension		Double wishbone	

<b>Steering</b>		
Type	Rack and pinion, electric power steering	
Ratio	13.6:1	
Turns lock-to-lock	2.76	
Min. turning circle (tyre/body, m)	10.4/11.0	
<b>Brakes</b>	<b>1.8 HYBRID</b>	<b>2.0 HYBRID</b>
Front (diameter, mm)	Ventilated discs, 298.5	
Rear (diameter, mm)	Solid discs, 281	
Parking brake	Electric	
<b>DIMENSIONS</b>	<b>1.8 HYBRID</b>	<b>2.0 HYBRID</b>
Overall length (mm)	4,385	4,395
Overall width (mm)	1,795	
Overall height (mm)	1,555	
Wheelbase (mm)	2,640	
Track – front (mm)	1,540	
Track – rear (mm)	1,550	
Front overhang (mm)	940	
Rear overhang (mm)	805	815
Coefficient of drag (FWD/AWD, Cd)	0.32	
Interior length (mm)	1,800	
Interior width (mm)	1,455	
Interior height (mm)	1.210	
Load capacity – VDA rear seats up, tonneau cover (l)	377	
Load capacity – rear seats up, loaded to roof (l)	443	
Load capacity – rear seats down, loaded to tonneau cover (l)	924	
Load capacity – rear seats down, loaded to roof (l)	1,164	

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<b>WEIGHTS</b>	<b>1.8 HYBRID</b>	<b>2.0 HYBRID</b>
Kerb weight (min/max, kg)	1,425/1,460	1,490/1,525
Gross weight (kg)	1,860	1,930
Towing capacity – unbraked (kg)	725	725
Towing capacity – braked (kg)	725	725
<b>WHEELS AND TYRES</b>	<b>1.8 HYBRID</b>	<b>2.0 HYBRID</b>
Wheels	17, 18 or 19-inch alloy	
Tyres	215/60R17 96H 225/50R18 95V 225/45R19 96W	

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