

## TOYOTA C-HR TECHNICAL SPECIFICATIONS

<b>ENGINE</b>		<b>1.2T</b>
Engine code		8NR-FTS
Type		4 cylinders, in-line
Valve mechanism		DOHC 16-valve with Dual VVT-iW
Fuel system		Direct injection
Turbocharger		Single scroll
Displacement (cc)		1,197
Bore x stroke (mm)		71.5 x 74.5
Compression ratio		10.0:1
Max. power (bhp/kW @ rpm)		114/85 @ 5,200 – 5,600
Max. torque (Nm @ rpm)		185 @ 1,500 – 4,000
<b>ENGINE</b>		<b>1.8 HYBRID</b>
Engine code		2ZR-FXE
Type		4 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. power (bhp/kW @ rpm)	Engine	97/72 @ 5,200
	Total hybrid system	120/90 @ 5,200

	(engine and motor)				
Max. torque (Nm @ rpm)		142 @ 3,600 – 4,000			
<b>HYBRID SYSTEM</b>					
<b>Hybrid battery</b>		Nickel-metal hydride (NiMH)			
Nominal voltage (V)		201.6			
Capacity (Ah)		6.5			
<b>Motor generator</b>		1NM			
Type		Permanent magnet synchronous			
Max. voltage (V)		600			
Max. output (kW)		53			
Max. torque (Nm)		163			
Total hybrid system (engine and motor) max. power (bhp/kW @ rpm)		120/90 @ 5,200			
<b>TRANSMISSION</b>		<b>1.8 Hybrid</b>	<b>1.2T</b>		
Type		CVT FWD	6MT FWD	CVT FWD	CVT AWD
Gear ratios	1 <sup>st</sup>	-	3.727	2.480 to 0.396	2.480 to 0.396
	2 <sup>nd</sup>		2.045		
	3 <sup>rd</sup>		1.310		
	4 <sup>th</sup>		0.971		
	5 <sup>th</sup>		0.764		
	6 <sup>th</sup>		0.619		
	Reverse	-	3.333	2.604 to 1.680	2.604 to 1.680

Differential gear ratio		3.218	4.538	5.698	5.698
<b>PERFORMANCE</b>		<b>1.8 Hybrid CVT</b>	<b>1.2T 6MT</b>	<b>1.2T CVT FWD</b>	<b>1.2T CVT AWD</b>
Max. speed (mph)		105	118	114	111
Acceleration 0 -62mph (sec)		11.0	10.9	11.1	11.4
<b>FUEL CONSUMPTION &amp; EMISSIONS</b>		<b>1.8 Hybrid CVT</b>	<b>1.2T 6MT</b>	<b>1.2T CVT FWD</b>	<b>1.2T CVT AWD</b>
Fuel consumption – combined (mpg)	17in wheel	74.3	47.9	47.9	-
	18in wheel	72.4	47.1	47.9	44.8
Fuel consumption – urban (mpg)	17in wheel	83.1	38.2	38.7	-
	18in wheel	80.7	38.2	38.7	37.2
Fuel consumption – extra-urban (mpg)	17in wheel	68.9	55.4	55.4	-
	18in wheel	68.9	55.4	55.4	59.6
CO <sub>2</sub> emissions – combined (g/km)	17in wheel	86	135	134	-
	18in wheel	87	136	135	144
Insurance groups		14E	15E/16E		
<b>CHASSIS</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>	
Front (diameter, mm)	Ventilated discs, 298.5
Rear (diameter, mm)	Solid discs, 281
Parking brake	Electric
<b>DIMENSIONS</b>	
Overall length (mm)	4,360
Overall width (mm)	1,795
Overall height (mm)	1,565
Wheelbase (mm)	2,640
Track – front (mm)	1,550 (17in wheel) 1,540 (18in wheel)
Track – rear (mm)	1,550 (16/17in wheel) 1,540 (18in wheel)
Front overhang (mm)	905
Rear overhang (mm)	815
Coefficient of drag (FWD/AWD, Cd)	0.32/0.33
Interior length (mm)	1,800
Interior width (mm)	1,795

Interior height (mm)	1.210		
Load capacity – VDA rears seats up (l)	377		
Load capacity – to tonneau cover (l)	920		
Load capacity – to roof (l)	1,160		
<b>WEIGHTS</b>	<b>HYBRID</b>	<b>1.2T FWD</b>	<b>1.2T AWD</b>
Kerb weight (min/max, kg)	1,380/1,420	1,320/1,390	1,460
Gross weight (kg)	1,860	1,845 (6MT) 1,865 (CVT)	1,930
Towing capacity – unbraked (kg)	725	720	720
Towing capacity – braked (kg)	725	1,300 (6MT) 1,100 (CVT)	1,100
<b>WHEELS AND TYRES</b>			
Wheels	17 or 18-inch alloy		
Tyres	215/60R17 96H or 225/50R18 95V		

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