

TOYOTA C-HR TECHNICAL SPECIFICATIONS

ENGINE		1.2T
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
ENGINE		1.8 HYBRID
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		
HYBRID SYSTEM				
Hybrid battery		Nickel-metal hydride (NiMH)		
Nominal voltage (V)		201.6		
Capacity (Ah)		6.5		
Motor generator		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		
TRANSMISSION		1.8 Hybrid	1.2T	
Type		CVT FWD	6MT FWD	CVT AWD
Gear ratios	1 st	-	3.727	2.480 to 0.396
	2 nd		2.045	
	3 rd		1.310	
	4 th		0.971	
	5 th		0.764	
	6 th		0.619	
	Reverse	-	3.333	2.604 to 1.680

Differential gear ratio		3.218	4.538	
PERFORMANCE		1.8 Hybrid CVT	1.2T 6MT	1.2T CVT AWD
Max. speed (mph)		105	118	111
Acceleration 0 -62mph (sec)		11.0	10.9	11.4
FUEL CONSUMPTION & EMISSIONS*		1.8 Hybrid CVT	1.2T 6MT	1.2T CVT AWD
Fuel consumption – combined (mpg)	17in wheel	74.3	47.9	-
	18in wheel	74.3	46.3	42.1
Fuel consumption – urban (mpg)	17in wheel	83.1	40.9	-
	18in wheel	83.1	38.7	35.3
Fuel consumption – extra-urban (mpg)	17in wheel	70.6	53.3	-
	18in wheel	70.6	53.3	47.9
CO ₂ emissions – combined (g/km)	17in wheel	86	135	-
	18in wheel	86	138	152
Insurance groups		14E	15E/16E	
CHASSIS				
Suspension				
Front suspension		MacPherson strut		
Rear suspension		Double wishbone		
Steering				

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
Brakes	
Front (diameter, mm)	Ventilated discs, 298.5
Rear (diameter, mm)	Solid discs, 281
Parking brake	Electric
DIMENSIONS	
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		
WEIGHTS	HYBRID	1.2T FWD	1.2T AWD
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
WHEELS AND TYRES			
Wheels	17 or 18-inch alloy		
Tyres	215/60R17 96H or 225/50R18 95V		

* Fuel consumption and emissions figures are NEDC equivalents of WLTP data.

ENDS

Ref: 180511M