

**November 2023**

## **THE ALL-NEW TOYOTA C-HR: A CONCEPT CAR FOR THE ROAD**

- Distinctive, coupe-like design and sophisticated execution create a “concept car for the road”
- Fully electrified range with 1.8 and 2.0-litre hybrid electric and 2.0-litre plug-in hybrid electric powertrains with everyday all-electric EV driving capability
- Powertrain choice reflects Toyota’s multi-path technology for accelerating reductions in carbon emissions towards ultimate carbon neutrality
- New model conceived, designed and engineered in Europe, for European customers
- Interior styling combines intuitive functionality with premium-level comfort
- An environmental pathfinder for Toyota, through increased use of recycled materials, weight-saving measures and new production processes that reduce carbon emissions

The all-new Toyota C-HR combines stand-out styling, an engaging drive and class-leading efficiency with a focus on European customer expectations of premium quality and sustainability. Inspired by a vision of a “concept car for the road,” it stays true to the heritage of its predecessor in taking a major step forward.

The distinctive coupe silhouette pioneered by its predecessor is further emphasised in the new model’s wider and more confident stance and a higher level of sophisticated design execution.

The original Toyota C-HR was a breakthrough model for Toyota, amassing more than 840,000 sales in Europe from its introduction in 2017 and bringing the brand to a style-conscious audience with its unconventional design inside and out, fun-to-drive character and superior quality.

The new Toyota C-HR has been engineered specifically to meet the expectations of European customers through its locally sourced design, engineering and production, making use of innovative methods, including analysis of real-time data from drivers across the region.

Premium features such as flush door handles, interior ambient lighting with 64 colour options and a panoramic roof that requires no sunshade are elements in a wholly customer-centred user experience.

The application of new technologies and a comprehensive upgrade of vehicle dynamics helped deliver driving excitement and a confident, quiet ride. The range of hybrid electric and plug-in hybrid electric powertrains use latest generation Toyota technology to deliver more power without compromising efficiency.

Beyond its class-leading efficiency on the road, the Toyota C-HR further reduces its environmental impact with the adoption of new recycled and animal product-free materials, together with advanced technologies to reduce vehicle weight and cut CO<sub>2</sub> emissions during production.

## **AGILE AND RESPONSIVE PERFORMANCE**

- Three electrified powertrains – 1.8 and 2.0 litre hybrid electric and 2.0-litre plug-in hybrid electric (PHEV), optimised for European driver preferences
- Fifth generation Toyota hybrid electric technology delivers increased power and low emissions
- Best-in-class PHEV powertrain providing EV daily driving capability and the flexibility of a hybrid electric system
- No compromise in handling thanks to application of new technologies, weight-saving and increased body stiffness

Toyota's best-in-class electrified powertrains combine with improved handling, ride comfort and braking for a more powerful, engaging and enjoyable driving experience. Fifth generation hybrid technology provides a class-leading balance of power and emissions.

The powertrain line-up reflects Toyota's inclusive, multi-technology path to carbon neutrality. Toyota believes customers need different options for affordable and practical vehicles to accelerate the pace of CO<sub>2</sub> reduction today and ensure a successful transition to zero emission mobility in the future.

The choice for UK customers includes 1.8 and 2.0-litre hybrid electric versions and a 2.0-litre plug-in hybrid electric.

### **Powertrains**

The Toyota C-HR Plug-in provides the smooth, effortless drive of a pure electric vehicle with a driving range of up to 41 miles – in excess of the typical daily distance covered by most UK motorists. It has a dual character, automatically switching to smooth hybrid electric running when its EV battery is depleted, giving drivers the reassurance and flexibility of Toyota's class-leading hybrid technology and ensuring constant efficiency on every journey.

The PHEV powertrain comprises a 161bhp (163 DIN hp/120kW) electric motor on the front axle, with energy stored in a high-output 13.6kWh lithium-ion battery, alongside a 2.0-litre engine with 150bhp (152 DIN hp/112 kW). Together these elements produce a total system power of 220bhp (223 Din hp/164kW), enabling 0-62mph acceleration in 7.4 seconds\*.

Performance is matched by efficiency with fuel consumption from 353.1mpg and WLTP combined cycle CO<sub>2</sub> emissions from 19g/km. A clutch-less dual motor system eliminates friction and wear, which means the Toyota C-HR Plug-in uses significantly less fuel when running in hybrid electric mode compared to most competitor PHEVs.

The 1.8 HEV system features an ultra-efficient engine and produces a total output of 138bhp/140 DIN hp/103kW. The 2.0-litre hybrid's higher output (195bhp/197 DIN hp/145kW) contributes to an even more rewarding driving experience but with uncompromised efficiency.

All the C-HR electrified powertrains feature redesigned components for better performance and efficiency and reduced weight. In the hybrid electric systems, a new high-power lithium-ion battery, located beneath the rear seat, is more compact and weighs 1.5kg less than the previous unit, yet provides 14 per cent higher output. A new power control unit (PCU) contributes to fuel efficiency through improved cooling and lower electrical losses; operating at a higher frequency also reduces cabin noise. The new transaxle achieves a 15 per cent weight saving thanks to the use of new materials while at the same time giving up to 30bhp/24kW extra power (according to the powertrain).

The powertrains have all been tuned to suit European tastes, using real-time data gathered from drivers across the region. Throttle performance has been optimised for more direct and consistent acceleration feel, with precise calibration of pedal input sensitivity, making it easy to control yet highly responsive. On undulating roads, new Adaptive Hill Control Logic modifies acceleration according to the incline for a more natural and easy drive. For quieter running, engine speeds during motorway driving have been reduced by up to 500rpm, helping achieve class-leading acoustic comfort, together with optimised aerodynamics, vibration damping and noise insulation.

\* Subject to confirmation

### **Ride, handling and acoustic comfort**

The updated Toyota New Global Architecture (TNGA) platform gives the new Toyota C-HR higher body torsional rigidity and is also lighter thanks to intelligent use of new materials in the structure. A new suspension design is also more rigid and lightweight: the front

MacPherson strut system has been adjusted for greater rigidity and strength and the rear multi-link set up gains higher strength TNGA components.

A 0.318 drag coefficient (Cd) has been achieved by reducing the car's frontal area and refinement of the body shape – including the underbody – to optimise airflow. The attention to detail includes removing the rear wiper to improve aerodynamic performance; the rear screen is angled so that water drops slide away.

In a first for any Toyota vehicle worldwide, the Toyota C-HR Plug-in features ZF frequency sensitive control (FSC) to enhance handling and ride comfort. The hydro-mechanical system increases damping force at low frequencies to gain superior body control, in roll and pitch, and during cornering. At high frequency, damping is reduced to improve ride comfort.

Enhancements have also been made to braking performance. The new Plug-in is fitted with 17-inch callipers and discs, together with the latest vehicle stability control systems. The 1.8-litre hybrid and the front-wheel drive 2.0-litre hybrid have 16-inch twin callipers and discs with a built-in electric parking brake. All versions benefit from a redesigned brake pedal to help improve control and produce a more natural braking feel.

A combination of measures produces class-leading acoustic comfort. Engine speeds in motorway driving have been reduced by up to 500rpm and noise disturbance is reduced with the use of vibration damping and noise insulation. The car has a 0.318 drag coefficient, achieved through aerodynamic details to reduce the car's frontal area and refine the body shape, including the underbody, to optimise airflow.

## **PHEV TECHNOLOGY AND CONTROL SETTINGS**

- PHEV-specific development for greater efficiency and driving comfort
- Predictive Efficient Drive raises efficiency by optimising battery usage, in line with road and traffic conditions
- New geofencing function automatically optimises battery use to maximise EV driving capability in low emission zones

The new Toyota C-HR Plug-in is the result of dedicated development to make the most of the specific opportunities and requirements presented by a PHEV.

To raise the already impressive level of PHEV efficiency, the vehicle uses a pump to draw heat from air outside the car, as well as making use of engine heat, to support the air conditioning system in winter. This reduces power usage and thus helps improve the EV driving range.

The TNGA modular platform allows the PHEV battery to be located beneath the cabin floor, helping lower the car's centre of gravity. This contributes to agile handling as well as avoiding loss of cabin or boot space.

An additional damper at the front of the vehicle enhances cabin acoustics and ride comfort, while additional TNGA components add to the rear suspension increase rigidity and improve handling.

The Predictive Efficient Drive system with its new geo-fencing function helps the driver keep one step ahead of what the journey may have in store. The system combines analysis of road and traffic conditions with ongoing learning about the driver's regular routes and driving style to automatically optimise the use of the car's all-electric mode. The geo-fencing function goes further by optimising battery use across the entire trip by analysing the planned route and automatically switching between EV and hybrid vehicle (HV) modes when travelling outside low emission zones (LEZs). This maximises the EV driving range available when entering an LEZ.

Regeneration boost offers a "one-pedal" style of driving, providing up to 80 per cent of the braking requirement, depending on which of three settings – gentle, medium and strong – is selected, making for easier driving in traffic.

Adaptive Hill Control Logic applies motor assistance when travelling downhill, reducing the need for the driver to use the brake pedal. It also modifies acceleration on undulating roads, based on the incline, for more intuitive performance.

Four powertrain operation modes are available: EV, auto EV/HV, HV and charging.

**EV mode** engages by default when the vehicle is started. The system will continue to operate in EV mode up to the limit of its EV driving range, regardless of how hard the accelerator is used.

The driver can select **auto EV/HV** mode, in which the engine will engage when extra power is needed, returning to EV running afterwards.

**HV mode** helps maintain the battery's state of charge and is engaged automatically when battery charge runs low. It can also be manually selected by the driver.

The **charging mode** can be used when the driver wants to charge the EV battery when driving, using power generated by the engine.

In addition to the Drive Mode Select systems familiar Normal, Eco and Sport options, the Toyota C-HR also offers a Custom option which allows the driver to select their preferred

powertrain, steering and air conditioning settings. These personalised settings can be saved for selection whenever desired.

The Toyota C-HR Plug-in has a 6.6kW on-board charger which allows the battery to be charged from zero to 100 per cent in less than two-and-a-half hours using the optional tri-phase cable and a wallbox power supply. A Mode 2 charging cable is supplied as standard for charging using a domestic electricity supply.

The MyToyota app can be used to start and stop charging remotely when the vehicle is plugged in. The app shows live progress during charging and the car's EV range. The owner can create a schedule using the app, so the battery can be recharged at the most appropriate time, for example overnight to take advantage of lower energy tariffs.

MyToyota also provides access to the Toyota Charging Network, one of the largest pan-European EV charging networks. Users can search for charging station locations and see real-time availability, charging speeds and compatible plug types. A subscription service is available via the app to use and pay for charging services.

## **SENSUOUS STYLE**

- Condensed packaging, with stance widened by 35mm and larger wheels – up to 20 inches
- Hammerhead frontal design with full LED headlights
- Model name integrated in LED rear light bar, incorporated in welcome illumination sequence
- Interior upgraded with premium materials, increased storage points and optional panoramic roof
- Stand-out details such as flush-fitting door handles and diamond-cut character lines

The all-new Toyota C-HR is designed to stand out with distinctive styling that adds emphasis to its coupe silhouette and introduces striking diamond-cut character lines in the bodywork. A 35mm increase in the car's stance is complemented by new, larger alloy wheels – up to 20 inches in diameter – and a 25mm reduction in the front overhang. The result is a condensed package that looks poised and dynamic from every angle.

True to the design vision of “a concept car for the road,” premium features are introduced including Toyota's first use of flush-fitting door handles. The attention to detail, achieved through innovative production techniques, can be witnessed in the way the back door directly abuts the rear lamp unit, with no need for a frame, giving a sharper look. Tighter shut

lines and the seamless integration of elements such as the cameras and radar maintain clean lines across the car's surfaces.

At the front, the 3D architecture and "hammerhead" shape are reinterpreted to include striking full LED headlights with integrated turn indicators in an eye-catching arrow-shaped design.

In a first for the market, the model name is fully integrated in the rear light bar and is illuminated in the welcome and goodbye sequences. The strong look projected by the rear styling is further emphasised by a new bi-tone+ paintwork design that's standard on Premiere Edition and GR Sport versions, extending the contrasting black finish for the roof across the back of the car and into its rear quarters.

The colour choices include a new Sulphur metallic shade which is exclusive to the bi-tone+ execution on the Premiere Edition during the model's first year on sale.

In the cabin, sensory quality has been taken to a higher level with a harmonious feel created through comprehensive upgrades to materials and high-quality detailing. The design follows a "wing" concept with a slim, horizontal instrument panel that integrates perfectly with the door panels and centre console to generate a warm, welcoming space. The multimedia display is seamlessly integrated and the JBL premium audio system (standard on GR Sport and Premiere Edition, an option on Excel grade) has a custom-built fade-effect metal speaker – a first in a Toyota model.

Practicality is designed-in with new storage points and charging options. The slimline wing design allows for an additional tray to be provided above the glove box. In the centre console there is a wireless charging tray large enough for two smartphones. The convenience extends to extra load capacity in the boot compared to the current model.

The new fixed panoramic roof has low-emissive and infra-red-reducing coatings which keep heat inside the cabin in winter and prevent overheating in sunny summer weather. This avoids the need for a conventional sunshade, saving 5kg in unit weight, improving headroom by 3cm and reducing the need to use the air conditioning to maintain a comfortable temperature.

## **A PERSONALISED USER EXPERIENCE**

- Customisable welcome sequence
- Ambient interior lighting system with 64 colour options
- 12.3-inch digital combimeter with customisable display

- Toyota Smart Connect multimedia includes on-board voice agent and wireless smartphone integration for both Apple CarPlay and Android Auto

The all-new Toyota C-HR is designed to provide a clear and intuitive experience for people who expect their car to provide an extension of their connected digital environment. A customer-focused development programme has produced features allowing multiple personalisation possibilities.

A welcome scenario automatically unfolds as the driver approaches their vehicle, with a brightening of exterior lights – including illumination of the new Toyota C-HR light signature on the back door and puddle light projections. The driver's preferred settings for (where specified) seat position, digital instrument display, head-up display and multimedia screen are automatically applied.

The MyToyota app unlocks a range of useful functions, including remote operation of the air conditioning to warm up or cool the cabin before making a journey.

The Toyota C-HR features a new, 12.3-inch fully digital combimeter (Design grade and above). Graphics are sharp and information is clearly zoned and easy to read. The display can be adjusted to prioritise different content according to driver preference or the kind of journey being made, for example making the active ADAS function information prominent when joining a motorway. There are three pre-set layouts which can be personalised using switches on the steering wheel. Quality and ease of use are enhanced by consistent use of colours, fonts for the combimeter and the multimedia display screen.

The ambient lighting system (GR Sport, Excel and Premiere Edition grades) offers a wide range of colours – a choice of up to 64 – and introduces options for interior direct and indirect lighting to reflect the cabin environment – cool or warm – or the time of day. A programme of 24 changing shades has been designed, synchronised with the passing of each hour to progress from bright morning tones to more relaxing ones in the evening. The lighting scheme will also help enhance safety: the audible and visual alerts of the Safe Exit Assist system will be reinforced by interior lighting changing to red, to warn of a door being opened when there is a risk of collision with traffic or cyclists approaching from the rear. The Toyota C-HR is the first Toyota model to benefit from these extensions to ambient lighting functionality.

There are two multimedia packages. The Toyota Smart Connect package (Icon grade) has an eight-inch display and provides cloud-based navigation, a voice agent and wireless smartphone connection for both Apple CarPlay and Android Auto. On other grades the Toyota Smart Connect+ has a 12.3-inch touchscreen and an additional embedded



navigation system. Useful information such as EV range and local charging locations are included in the navigation's POI function.

## **ENVIRONMENTAL LEADERSHIP**

- New technologies complement ultra-efficient electrified powertrains in stronger focus on sustainability
- Extensive use of recycled materials, including 100 per cent increase in recycled plastics
- Emissions reduced through paint process innovations

The new Toyota C-HR becomes an environmental leader in Toyota's model range, steering new standards for sustainability, emissions reduction and the use of recycled materials.

Compared to its predecessor, it uses double the quantity of recycled plastic, featured in more than 100 parts.

This is the first Toyota to use a new synthetic seat covering material made from recycled PET plastic bottles. Extensive testing and analysis have ensured that the appearance, feel and durability of the materials are equal to or better than those with no recycled content.

Carbon emissions during production have been reduced with a new automated painting process for bumper parts which uses water-based paint and less material overall. Expanding the use of in-mould colour technology has eliminated the need for paint for seven parts. This applies colour during the injection moulding process, achieving a glossy finish while cutting CO<sub>2</sub> by 50 per cent compared to painting.

There is a further gain in emissions reduction by using a synthetic material in place of leather for the steering wheel cover. It looks and feels the same or better than genuine leather, but is free from animal products.

Innovative design and technology have reduced the weight of parts throughout the vehicle, supporting fuel economy and reducing the environmental impact. In a European first, the Toyota C-HR uses high-strength 2,000mPa steel in its centre pillars, maintaining high torsional rigidity by reducing component weight by 3.5kg and eliminating the need for spot welding. This has reduced CO<sub>2</sub> emissions in the production process by 10 per cent.

## **SAFETY AND DRIVER ASSISTANCE**

- Latest generation of Toyota Safety Sense providing more effective preventive safety features
- Rear Seat Reminder and Safe Exit Assist included as standard on all versions
- Extended safety package with Lane Change Assist, Front Cross Traffic Alert and Adaptive High-beam System

All versions of the all-new Toyota C-HR benefit from the latest Toyota Safety Sense portfolio of active safety and driver assistance features. Their range, functionality and monitoring of the car's surroundings have been extended to provide even greater safeguards against many common accident risks and to reduce the burden on the driver. For added convenience, future system software updates can be delivered over-the-air, with no need for a retailer visit.

The latest evolution of the Pre-Collision System and Proactive Driving Assist constantly monitor the road for hazards and can warn the driver or automatically suppress acceleration and provide braking control if an imminent collision risk is detected, such as slower or stationary vehicle ahead and pedestrians or cyclists crossing the road ahead or into which the car is turning.

Lane Trace Assist helps keep the vehicle to its intended path, guided by road markings, the road margin or the vehicle ahead. This also reduces the burden on the driver during long journeys. The system works with the full-range Adaptive Cruise Control to adjust the vehicle's speed through bends on major roads and monitors the driver's use of the steering wheel and pedal. If no driver inputs are detected over a specific time, it can initiate the Emergency Driving Stop system, bringing the vehicle smoothly to a halt and activating the hazard lights.

The full-range Adaptive Cruise Control includes new Overtake Prevention Support which automatically prevents unintentional undertaking on multi-lane highways. Turn Signal Linked Control helps the driver join the traffic flow at a safe speed and distance from other vehicles.

On main roads and motorways, Road Sign Assist gives a visual reminder of important warnings, commands and speed limits. The latest version allows the driver to make a one-touch adjustment of the car's speed limiter to match the road sign information.

Additional safety features include the Rear Seat Reminder System, which alerts the driver if a child or pet has been left on the back seats. Safe Exit Assist warns if vehicles or cyclists are approaching from the rear when opening a door.

Standard on Excel grade and available as an option on GR Sport grade, an advanced safety package provides Lane Change Assist, Front Cross Traffic Alert, a Driver Monitor Camera (enhancing performance of the Emergency Driving Stop System) and an Adaptive High-beam System with camera control to adjust light distribution.

## **UK MODEL RANGE AND PRICING**

- Model line-up comprises Icon, Design, Excel and GR Sport versions, plus limited-run, top specification Premiere Edition
- New Toyota C-HR Plug-in offered in Design, Excel and GR Sport trims

The new Toyota C-HR raises the bar in terms of equipment features, with seamless connectivity, responsive and powerful multimedia functions, fully digital and customisable instrument display and the latest generation of Toyota Safety Sense active safety and driver assistance systems.

On higher grade models, the climate control system incorporates nanoe-X air quality technology to combat viruses, bacteria and odours in the cabin. Other advanced features available (according to model grade) include a new panoramic roof with thermal glass, dispensing with the need for a sunshade, and a digital rear-view mirror.

### **Model range and specification highlights**

The Toyota C-HR range comprises four grades – Icon, Design, Excel and GR Sport and, for a limited time, Premiere Edition.

The **Icon** grade (HEV powertrains only) features 17-inch alloy wheels, flush door handles, powered door mirrors with auto-folding function and the signature Toyota C-HR rear light bar.

In the cabin the seats have a cloth upholstery and there is a seven-inch digital driver's instrument display (combimeter) and Toyota Smart Connect multimedia system with eight-inch touchscreen. Convenience details include smart entry, an auto-dimming rear-view mirror, automatic wipers, cloud-based navigation, wireless smartphone integration with Apple CarPlay and Android Auto and a front USB-C device charging port.

The safety and assistance package includes the latest, third generation Toyota Safety Sense with functions including Pre-Crash System, Adaptive Cruise Control, Lane Trace Assist,

Road Sign Assist and Automatic High Beam. In addition, there is a Blind Spot Monitor which links to Safe Exit Assist to help prevent doors being opened into the path of vehicles approaching from the rear.

**Design** grade (all powertrains) builds on the Icon specification with 18-inch alloy wheels with a machined finish, rear privacy glass, power tailgate and parking sensors with automatic brake function. The front seats have integrated heaters and the air conditioning can be adjusted for left and right zones. The digital and connectivity provisions include a 12.3-inch customisable driver's instrument display, 12.3-inch Toyota Smart Connect+ with navigation, front and rear USB-C ports and a wireless phone charger. A Skyview fixed panoramic roof with thermal glass and bi-tone paint finish can be specified as options.

The Toyota C-HR **Excel** (all powertrains) moves things to a higher level: 19-inch machined alloys, bi-tone exterior paintwork, front sports seats with suede-effect upholstery, ambient interior lighting with 64 colour settings and a panoramic roof. A Panoramic View Monitor provides 360-degree imaging of the car's immediate surroundings for safe and accurate manoeuvring and the Toyota Safety Sense package is extended with Lane Change Assist, Front Cross Traffic Alert and Adaptive High-beam System headlights. Cornering lights and a driver monitor camera are also provided, while the options list includes a premium JBL audio system and a Tech Pack comprising a digital key, head-up display and digital rear-view mirror.

The **GR Sport** grade (all powertrains) adds exterior and interior styling flourishes and details inspired by Toyota Gazoo Racing. The equipment features – in addition to the Design specification – include 20-inch machined GR Sport alloys, head-up display and JBL audio. A Premium Pack option includes panoramic roof, digital key, digital rear-view mirror, head-up display, cornering lights and Adaptive High-beam System. There is also the choice of a Safety Pack option with driver monitor camera, Adaptive High-beam System with automatic levelling, cornering lights, Lane Change Assist, Panoramic View Monitor and Front Cross Traffic Alert.

The exclusive **Premiere Edition** (HEV powertrains only) boasts the complete specification – all the standard and optional Excel features plus leather seat upholstery and a bi-tone exterior in an exclusive combination of Sulphur metallic with Astral Black roof and rear quarters.

### **Up to 10 years/100,000 miles warranty**

In common with every new Toyota, the all-new Toyota C-HR is eligible for Toyota warranty protection for up to 10 years or 100,000 miles (whichever comes first). This comprises an initial three-year manufacturer warranty, followed by up to a further seven years of service-activated warranty.

For the first three years of the car's life, owners can have it serviced at a place of their choice. When the new car warranty period expires, they can then benefit from an additional 12 months (or 10,000 miles) warranty when their vehicle has a qualifying service at an authorised Toyota workshop. The warranty is provided at no extra cost, up to a limit of 10 years/100,000 miles. Terms and conditions apply; full details are available at [www.toyota.co.uk](http://www.toyota.co.uk).

**TOYOTA C-HR TECHNICAL SPECIFICATIONS**

<b>POWERTRAIN</b>	<b>1.8 HEV</b>	<b>2.0 HEV</b>	<b>2.0 PHEV</b>
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. torque (Nm @ rpm)	185 @ 3,600	206 @ 4,400	@ 4,400
Max. engine power (bhp/DIN hp/kW @ rpm)	97/98/72 @ 5,200	150/152/112 @ 6,000	
<b>Total hybrid system max. output (bhp/DIN hp/kW)</b>	138/140/103	193/197/145	220/223/164
<b>Electric motor</b>	<b>1.8 HEV</b>	<b>2.0 HEV</b>	<b>2.0 PHEV</b>
Motor type	Permanent magnet, synchronous motor		
Max. voltage (v)	600		650
Max. power (kW)	70	83	120
Max. torque (nm)	185	206	208
<b>Hybrid battery</b>	<b>1.8 HEV</b>	<b>2.0 HEV</b>	<b>2.0 PHEV</b>
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
<b>TRANSMISSION</b>	<b>1.8 HEV</b>	<b>2.0 HEV</b>	<b>2.0 PHEV</b>
Type	e-CVT		
Differential gear ratio	3.016	3.605	
<b>PERFORMANCE</b>	<b>1.8 HEV</b>	<b>2.0 HEV</b>	<b>2.0 PHEV</b>
Max Speed (mph)	106	112	
0-62mph acceleration (sec)	10.2	8.1	7.4*
<b>FUEL CONSUMPTION &amp; EMISSIONS</b>	<b>1.8 HEV</b>	<b>2.0 HEV</b>	<b>2.0 PHEV</b>
WLTP combined fuel consumption (mpg)	from 60.10	from 57.65	from 353.1
Fuel tank capacity	43		
WLTP combined CO <sub>2</sub> emissions (g/km)	from 105	from 110	from 19
Insurance groups	20E-29A		TBC
Service schedule	10,000 miles/annually		
<b>BRAKES</b>	<b>1.8 HEV</b>	<b>2.0 HEV</b>	<b>2.0 PHEV</b>
Front	16in callipers & ventilated discs	17in callipers & ventilated discs	
Rear	Solid discs		
Parking brake	Electronic		

<b>SUSPENSION</b>	<b>1.8 HEV</b>	<b>2.0 HEV</b>	<b>2.0 PHEV</b>
Front	MacPherson strut		
Rear	Double wishbone		
<b>STEERING</b>	<b>1.8 HEV</b>	<b>2.0 HEV</b>	<b>2.0 PHEV</b>
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		
<b>EXTERIOR DIMENSIONS</b>	<b>1.8 HEV</b>	<b>2.0 HEV</b>	<b>2.0 PHEV</b>
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		
<b>INTERIOR DIMENSIONS</b>	<b>1.8 HEV</b>	<b>2.0 HEV</b>	<b>2.0 PHEV</b>
Interior length (mm)	1,690		
Interior width (mm)	1,465		
Interior height (mm)	1,210		
Load capacity – to tonneau cover (l)	388	364	310
<b>WEIGHTS</b>	<b>1.8 HEV</b>	<b>2.0 HEV</b>	<b>2.0 PHEV</b>
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		
<b>WHEELS &amp; TYRES</b>	<b>1.8 HEV</b>	<b>2.0 HEV</b>	<b>2.0 PHEV</b>
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](http://Toyota.co.uk) website.*

## TOYOTA C-HR FULL RANGE EQUIPMENT SPECIFICATIONS

(\*Icon and Premiere Edition grades are for hybrid models only)

SAFETY	ICON*	DESIGN	GR SPORT	EXCEL	PREMIERE EDITION*
Toyota Safety Sense: Pre-Collision System with pedestrian (day/night) and cyclist/motorcyclist (daytime) detection; intelligent Adaptive Cruise Control; Lane Departure Alert/Lane Trace Assist; Road Sign Assist	✓	✓	✓	✓	✓
Automatic High Beam	✓	✓	✓	✗	✗
Adaptive High-beam System	✗	✗	Opt <sup>2</sup>	✓	✓
Lane Change Assist	✗	✗	Opt <sup>2</sup>	✓	✓
Driver and passenger front airbags	✓	✓	✓	✓	✓
Front side airbags	✓	✓	✓	✓	✓
Driver's knee airbag	✓	✓	✓	✓	✓
Front and rear curtain airbags	✓	✓	✓	✓	✓
ABS with EBD and Brake Assist	✓	✓	✓	✓	✓
Traction Control (TRC)	✓	✓	✓	✓	✓
Vehicle Stability Control (VSC)	✓	✓	✓	✓	✓
Hill-start Assist Control	✓	✓	✓	✓	✓
Tyre Pressure Warning System	✓	✓	✓	✓	✓
ISOFIX child seat restraint system	✓	✓	✓	✓	✓
Child safety door locks	✓	✓	✓	✓	✓
Front Cross Traffic Alert	✗	✗	Opt <sup>2</sup>	✓	✓
Blind Spot Monitor	✓	✓	✓	✓	✓
Low speed acceleration suppression	✓	✓	✓	✓	✓
Rear Seat Reminder System	✓	✓	✓	✓	✓
Proactive Driving Assist	✓	✓	✓	✓	✓
Driver Monitor Camera	✗	✗	Opt <sup>2</sup>	✓	✓
Emergency Steering Assist	✓	✓	✓	✗	✗



Emergency Steering Assist (with active support, on PCS)	x	x	Opt <sup>2</sup>	✓	✓
Rear Cross Traffic Alert with auto brake	x	✓	✓	✓	✓
Safe Exit Assist	✓	✓	✓	✓	✓
eCall	✓	✓	✓	✓	✓
Emergency Driving Stop system	✓	✓	✓	✓	✓
<b>INSTRUMENTS AND CONTROLS</b>	<b>ICON</b>	<b>DESIGN</b>	<b>GR SPORT</b>	<b>EXCEL</b>	<b>PREMIERE EDITION</b>
7in digital combimeter instrument display	✓	x	x	x	x
12.3in digital combimeter instrument display	x	✓	✓	✓	✓
Drive Mode Select	✓	✓	✓	✓	✓
Electric parking brake	✓	✓	✓	✓	✓
Manual headlight levelling	✓	✓	✓	x	x
Automatic headlight levelling	x	x	Opt	✓	✓
<b>COMFORT &amp; CONVENIENCE</b>	<b>ICON</b>	<b>DESIGN</b>	<b>GR SPORT</b>	<b>EXCEL</b>	<b>PREMIERE EDITION</b>
Front and rear power windows	✓	✓	✓	✓	✓
All windows with 'one-touch down' and anti-trap functions	✓	✓	✓	✓	✓
Front parking sensors with auto brake	x	✓	✓	✓	✓
Intelligent parking sensors (objects & vehicles)	x	✓	✓	x	x
Intelligent parking sensors (rear objects, pedestrians & vehicles)	x	x	Opt <sup>2</sup>	✓	✓
Smart Entry and push-button start	✓	✓	✓	✓	✓
Rain sensing front wipers	✓	✓	✓	✓	✓
Automatic headlights	✓	✓	✓	✓	✓
12V front power socket	✓	✓	✓	✓	✓
Auto-dimming rear-view mirror	✓	✓	✓	✓	x

Digital rear-view mirror	x	x	Opt <sup>1</sup>	Opt <sup>3</sup>	✓
Reversing camera with static guidelines	✓	✓	✓	x	x
Reversing camera with dynamic guidelines	x	x	Opt <sup>2</sup>	✓	✓
Panoramic View Monitor	x	x	Opt <sup>2</sup>	✓	✓
Head-up display	x	x	✓	Opt <sup>3</sup>	✓
Customisable ambient entry lighting sequence	x	x	✓	✓	✓
Illuminated entry system	x	✓	x	x	x
Ambient interior lighting	x	✓	x	x	x
Ambient interior lighting with 64 colour options	x	x	✓	✓	✓
<b>AUDIO, NAVIGATION &amp; COMMUNICATIONS</b>	<b>ICON</b>	<b>DESIGN</b>	<b>GR SPORT</b>	<b>EXCEL</b>	<b>PREMIERE EDITION</b>
Six-speaker audio	✓	✓	x	✓	x
JBL 9-speaker premium audio	x	x	✓	Opt	✓
DAB	✓	✓	✓	✓	✓
Bluetooth	✓	✓	✓	✓	✓
Front USB-C port	✓	✓	✓	✓	✓
Rear USB port	x	✓	✓	✓	✓
Aux-in socket	✓	✓	✓	✓	✓
Toyota Smart Connect multimedia with 8in touchscreen, cloud-based navigation and Smart Voice Assist	✓	x	x	x	x
Toyota Smart Connect+: 12.3in HD touchscreen, embedded and cloud navigation, voice recognition and Smart Voice Assist	x	✓	✓	✓	✓
Apple CarPlay and Android Auto wireless smartphone integration	✓	✓	✓	✓	✓
Wireless phone charger	x	✓	✓	✓	✓
Over-the-air multimedia and safety system software updates	✓	✓	✓	✓	✓

Access to remote services via MyToyota app	✓	✓	✓	✓	✓
<b>VENTILATION</b>	<b>ICON</b>	<b>DESIGN</b>	<b>GR SPORT</b>	<b>EXCEL</b>	<b>PREMIERE EDITION</b>
Automatic air conditioning	✓	✕	✕	✕	✕
Dual-zone automatic air conditioning	✕	✓	✓	✓	✓
Pollen filter	✓	✓	✓	✓	✓
Pollen filter with deodorising function	✕	✓	✓	✓	✓
nanoe-X air quality system	✕	✕	✓	✓	✓
Remote a/c operation via MyToyota app	✓	✓	✓	✓	✓
<b>SECURITY</b>	<b>ICON</b>	<b>DESIGN</b>	<b>GR SPORT</b>	<b>EXCEL</b>	<b>PREMIERE EDITION</b>
Immobiliser	✓	✓	✓	✓	✓
Alarm with intrusion and glass breaking sensors	✓	✓	✓	✓	✓
Remote central door locking	✓	✓	✓	✓	✓
<b>SEATING, UPHOLSTERY &amp; TRIM</b>	<b>ICON</b>	<b>DESIGN</b>	<b>GR SPORT</b>	<b>EXCEL</b>	<b>PREMIERE EDITION</b>
Fabric upholstery	✓	✓	✕	✕	✕
Synthetic leather/suede-effect upholstery	✕	✕	✕	✓	✕
Full leather upholstery with Sulphur stitching	✕	✕	✕	✕	✓
GR black Alcantara upholstery	✕	✕	✓	✕	✕
60:40 split folding rear seats	✓	✓	✓	✓	✓
Heated front seats	✕	✓	✓	✓	✓
Power-adjustable driver's seat	✕	✕	✓	✓	✓
Power lumbar support on driver's seat	✕	✓	✓	✓	✓
Three adjustable rear integrated headrests	✓	✓	✓	✓	✓
Suede-effect door trims	✕	✕	✓	✓	✓

Scuff plates	✓	✓	✗	✓	✓
GR aluminium front scuff plates	✗	✗	✓	✗	✗
<b>EXTERIOR &amp; BODY</b>	<b>ICON</b>	<b>DESIGN</b>	<b>GR SPORT</b>	<b>EXCEL</b>	<b>PREMIERE EDITION</b>
17in silver alloy wheels	✓	✗	✗	✗	✗
18in black/machined alloy wheels	✗	✓	✗	✗	✗
19in black/machined alloy wheels	✗	✗	✗	✓	✓
20in machined alloy wheels	✗	✗	✓	✗	✗
Cornering lights	✗	✗	Opt <sup>3</sup>	✓	✓
LED front fog lights	✗	✓	✓	✓	✓
LED parabola headlights	✓	✓	✗	✗	✗
LED headlights	✗	✗	✓	✓	✓
Follow-me -home headlight function	✓	✓	✓	✓	✓
LED rear combination lights	✓	✓	✓	✓	✓
LED daytime running lights	✓	✓	✓	✓	✓
Noise reducing windscreen	✗	✗	✓	✓	✓
Gloss black lower grille	✗	✗	✓	✓	✓
Gloss black door moulding	✗	✓	✓	✓	✓
Body-coloured rear spoiler	✓	✓	✓	✓	✓
Electrically adjustable, heated and auto-folding door mirrors	✓	✓	✓	✓	✓
Puddle lights	✓	✓	✓	✓	✓
Flush-fitting door handles	✓	✓	✓	✓	✓
Power back door	✗	✓	✓	✓	✓
Shark fin antenna	✓	✓	✓	✓	✓
Rear privacy glass	✗	✓	✓	✓	✓
Skyview panoramic roof with thermal comfort glass	✗	Opt	Opt <sup>3</sup>	✗	✓
Tyre repair kit	✓	✓	✓	✓	✓
Metallic/pearlescent paint	Opt	Opt	Opt	Opt	Opt

Bi-tone paint finish (contrast black roof)	x	Opt	x	✓	x
Bi-tone+ paint finish	x	x	✓	x	✓
<b>OPTION PACKS</b>	<b>ICON</b>	<b>DESIGN</b>	<b>GR SPORT</b>	<b>EXCEL</b>	<b>PREMIERE EDITION</b>
<sup>1</sup> Tech Pack – digital rear-view mirror, head-up display	x	x	x	Opt	Std
<sup>2</sup> Safety Pack – Driver Monitoring Camera, Adaptive High-beam System, cornering lights, Lane Change Assist, Panoramic View Monitor, Intelligent Clearance Sonars (rear objects, pedestrians, vehicles) Front Cross Traffic Alert	x	x	Opt	x	Std
<sup>3</sup> Premium Pack – digital key*, Adaptive High-beam System, cornering lights, digital rear-view mirror, head-up display, panoramic roof	x	x	Opt	x	Std

*This specification table is a guide for media only; customers should check vehicle specifications with their Toyota Centre, or the [Toyota.co.uk](http://Toyota.co.uk) website.*

ENDS