

THE TOYOTA COROLLA

INTRODUCTION

The history of the Corolla is an object lesson in Toyota's *kaizen* principle – the commitment to continuous improvement. That's how Corolla has remained a core model in the company's global line-up and the world's best-selling nameplate. Corolla has evolved over more than half a century, keeping pace with changing customer tastes and preferences and embracing new technologies for safety, comfort, convenience and connection.

The new Corolla, a development of the current 12th generation range, is faithful to this spirit of innovation and Toyota's commitment to building ever-better cars. Its status as one of Europe's best-sellers in the C-segment for compact/mid-size models is strengthened with the introduction of Toyotas' fifth generation hybrid electric technology – 1.8 and 2.0-litre electrified powertrains that offer more power and a more rewarding drive, yet with improved efficiency.

The new models are equipped as standard with the latest Toyota Smart Connect+ multimedia system, with faster response and greater functionality, plus a fully digital, customisable 12.3-inch combimeter in the driver's instrument binnacle.

There are also major advances in the Toyota Safety Sense active safety and driver assistance systems, with new and enhanced features that recognise and help the driver avoid a wider range of everyday driving hazards. Safety and multimedia functions are future-proofed, with software updates deliverable over-the-air via the car's data communications module.

These significant changes go hand-in-hand with refreshed exterior and interior styling details, including new wheel designs, headlights, colour options and upholsteries.

European Corolla Hatchback and Touring Sports models continue to be built by Toyota Manufacturing UK (TMUK) at its Burnaston plant. Toyota recently announced it is investing around £465,000 in TMUK's engine factory in Deeside, North Wales, for production of the 1.8-litre hybrid engine for the fifth generation hybrid system featured in new Corolla.

FIFTH GENERATION TOYOTA HYBRID ELECTRIC SYSTEM

The fifth generation of Toyota's self-charging full hybrid electric technology is the heart of the new Corolla. Detailed engineering and design changes deliver a better driving experience, higher performance and improved efficiency. The changes include new power control unit and transaxle designs, a more powerful lithium-ion battery and calibration to achieve a more rewarding driving experience with a closer relationship between the driver's use of the accelerator and the drive force delivery.

Performance

Total power from the 1.8-litre system is 138bhp, bringing a 1.8-second reduction in the 0-62mph time to 9.1 seconds. For the 2.0-litre system, total output has risen to 193bhp and half a second has been shaved from the 0-62mph time, taking it down to 7.4 seconds.

CO₂ emissions are from 100g/km for the 1.8-litre system and 98g/km for the 2.0-litre with fuel economy from 64.2mpg (all figures WLTP combined cycle, Icon Hatchback with 16-inch wheels).

Hybrid system design

The changes introduced for the fifth generation hybrid electric system include components that weigh less and are more compact – qualities that help maintain efficiency in tandem with the increase in output – but which maintain the reliability that is a hallmark of Toyota's technology.

A new power control unit (PCU) helps reduce the level of electrical losses in the system (-14 per cent in the 1.8-litre, -6 per cent 2.0-litre) and maintain fuel efficiency. The unit has a new double-sided cooling system and runs at a higher frequency, reducing its noise level.

The PCU is installed directly above a new transaxle featuring a compact, high-output motor-generator with new internals to improve fuel efficiency and dynamic performance. A new stator coil winding method has helped reduce the motor's size. The complete transaxle is 15 per cent lighter than before thanks to the use of new materials – its casing is now 20 per cent lighter.

Using low-viscosity oil reduces internal friction and adds to the all-round improvement in efficiency. Other detailed measures include smaller gears with teeth reprofiled to give a larger contact area and a smaller and lighter differential.

Hybrid battery

The new lithium-ion hybrid battery is smaller and lighter but has a higher output – qualities that contribute to both the car's dynamic performance and its fuel efficiency. Compared to the battery deployed in the previous system, weight has been reduced by 14 per cent while power output has increased by 14 per cent. Toyota has optimised the battery's cooling path to help prevent deterioration caused by temperature fluctuations and preserve battery life. Being housed beneath the rear seats, the battery unit doesn't intrude in the car's load space.

A more rewarding driving experience

The advances made with the fifth generation hybrid system include improvements in driveability. Notably, the driver experiences a better relationship between their use of the throttle and vehicle response with more consistent, predictable and controllable performance. A better acceleration feel makes for more confident driving.

This has been achieved by calibrating the throttle better to suit familiar driving scenarios, such as stop-start traffic and frequent changes in speed limits. The acceleration also adapts to up and downhill driving, synchronising the engine speed with the driver's inputs to give a more natural feel and easier drive. Running at lower rpm also makes the system quieter when driving at highway speeds.

ADVANCES IN ACTIVE SAFETY AND DRIVER ASSISTANCE SYSTEMS

The latest developments of Toyota Safety Sense have brought significant improvements to many of its accident detection systems and added new functions that increase safety and provide additional peace of mind. With the benefit of over-the-air updates, software can now be upgraded automatically, with no need for the car to be taken into a service centre.

New Corolla benefits from a new front camera that covers a much wider field ahead of the car, with extended reach both left/right and up/down. The distance of forward detection has been doubled compared to the scope of the previous hardware. Likewise, the coverage of the front millimetre-wave radar has been extended so that it can detect obstacles closer to the front of the car than before. Using Motion 3D and enhanced Deep Neural Network tools has allowed for a wider range of potential hazards to be picked out, including motorcycles and roadside objects such as walls, guard rails, kerbs and utility poles.

This increased detection capability makes the **Pre-Collision System (PCS)** effective in more urban traffic scenarios, including recognition of potential head-to-head collisions. The

Intersection Collision Avoidance can now identify approaching traffic across two lanes, as well as cyclists and vehicles approaching from the side.

The **Emergency Steering Assist** system helps the driver keep the car within its traffic line when trying to avoid a hazard such as a pedestrian, cyclist, parked car, or – thanks to the detection enhancements – motorcyclist. There's also a safeguard against sudden, unintended use of the accelerator when moving at low speed, with a new acceleration suppression function.

The **Full Range Adaptive Cruise Control** (ACC) has been revised to give faster response and to operate in a way that feels more natural to the driver. For example, thanks to earlier detection, when another vehicle enters the car's lane there is more gradual deceleration. The driver can select a longer vehicle-to-vehicle setting to establish a more comfortable gap and the ACC's curve speed reduction function is activated earlier, giving smoother speed adjustment when driving through a bend.

New systems have been added for safer overtaking: **Overtake Prevention Support** prevents unintentional overtaking on the wrong side of a vehicle ("undertaking"); and **Preliminary Deceleration/Turn Signal Linked Control** helps the driver safely rejoin the traffic lane at an appropriate speed and distance from other vehicles.

The **Lane Trace Assist** (LTA) has also been adjusted to operate with a more natural feel. It now recognises when the driver has moved out of lane while trying to avoid an obstacle (pedestrian or other road users) and temporarily cancels the **Lane Departure Warning**. Its lane-centring function has also been changed so that the car will follow a more natural-feeling, off-set line when passing parked vehicles and other roadside obstacles.

When the ACC and LTA are operating, an **Emergency Driving Stop** system will monitor driver inputs; if these stop (use of steering wheel, brake and accelerator) over a certain time, it will sound a warning and, if the driver doesn't respond, bring the car slowly to a stop and activate the hazard lights.

The **Road Sign Assist** has been improved so that the speed limiter can easily be adjusted to match traffic sign information – useful, for example, when driving near schools or entering spaces shared with pedestrians.

Proactive Driving Assist (PDA) is a new function that provides a range of safeguards when driving in low-speed areas such as town centres. Obstacle Anticipation Assist detects obstacles such as parked vehicles, pedestrians and cyclists ahead at an early stage and provides steering and braking support to help the driver avoid approaching too close. Deceleration Assist provides smooth deceleration when the driver comes off the accelerator

to slow down for a slower vehicle ahead, or when entering a bend. Steering Assist detects a bend ahead and adjusts steering force to help the driver adopt an appropriate steering angle.

Driving assistance

Excel grade models benefit from a Blind Spot Monitor and Rear Cross Traffic Alert with auto braking. They also offer an extra layer of protection when getting out the car with Safe Exit Assist. This uses the Blind Spot Monitor in the door mirrors to check for any traffic (including cyclists) approaching from the rear, flashing a warning light if anything is detected. If an attempt is made to open a door, further warning lights flash in the multi-information display and a buzzer is sounded.

DIGITAL TECHNOLOGIES FOR AN ENHANCED USER EXPERIENCE

The new Corolla's TNGA-C global architecture platform has enabled the installation of a new electronics platform. This is key to the car's powerful digital package, supporting the car's fifth generation hybrid system, latest generation Toyota Safety Sense features, a new digital combimeter in the driver's instrument display, the new Toyota Smart Connect+ multimedia and information system and a data communications module (DCM) that provides eCall and delivery of over-the-air software updates.

Toyota Smart Connect+ multimedia

Connectivity has become a prime customer requirement, with people wanting a seamless, always-connected experience when in their car. The new Toyota Smart Connect+ system addresses this priority with a faster, more responsive multimedia package that is future-proofed with over-the-air updates to expand functionality or introduce new services.

Featured as standard on all new Corolla models, it comes with a 10.5-inch high-definition touchscreen display (with convenient and conventional dial controls for air conditioning and audio on/off operation). The package includes both cloud-based navigation with real-time traffic event information and an embedded navigation, an on-board voice agent; and smartphone integration via (wireless) Apple CarPlay and (wired connection) Android Auto. Four years' subscription to services is included the vehicle's OTR price.

Other useful functions include fixed speed camera locations and weather alerts.

New digital cockpit

A new 12.3-inch digital combimeter in the driver's instrument binnacle, provided as standard on all versions.

Its ergonomic design maximises the space available with high-visibility, easy-to-read information and intuitive control. Flexibility is designed-in, so the driver can adjust the content, including the number of dials and the information shown in each section of the central multi-information display. The combimeter can also be personalised with different themes: Casual, Smart, Tough Sporty. Changes are simple to make, using toggle switches on the steering wheel.

MyT app

The Toyota MyT app gives access to useful information such as driving data, hybrid coaching and car status, plus a "find my car" function and remote activation of the hazard lights. It also enables door locking/unlocking, window opening/closing and remote operation of the climate control to defrost the screen or heat or cool the cabin prior to starting a journey.

EXTERIOR AND INTERIOR DESIGN

The new Corolla range gains a more refined and contemporary appearance with changes to the front grille mesh pattern, fog light bezels and alloy wheel designs.

Excel Hatchback and Touring Sports models gain new multi-LED headlights with an Adaptive High-beam System (AHS). A new lighting signature combines seamless daytime running lights and turn indicators in a single J-shaped unit that wraps around the headlight unit.

The exterior paint choices include new colours inspired by current trends in architecture, product design and fashion. Juniper Blue is the key colour for the Hatchback and Touring Sports, with a vibrant, flaring tone. When viewed close-up, it reveals red undertones which create a fresh effect with subtle changes in colour. Decuma Grey is a timeless shade with wide appeal, its appeal enhanced by dark silver flakes in the paint.

GR Sport and Excel models can be specified with a bi-tone paint finish, combining the body colour with a contrast black roof, pillars and rear spoiler. Ash Grey and Pure White bi-tone are exclusive to the GR Sport.

New-design alloy wheels are introduced: 16-inch silver 10-spoke for Icon grade; 17-inch black/machined multi-spoke for Design grade and slim 10-spoke 18-inch alloy wheel for the GR Sport, with a dark grey/machined finish.

For the interior, the mood is more modern and premium with new graphics, trims and embossed patterns that add three-dimensional depth and tactile appeal to the upholsteries, surfaces and finishes. The trim and seat upholstery combinations follow new Dark and Light Harmony themes with co-ordinated colours and finishes to give the cabin a contemporary, elegant feel. LEDs are now used for all the interior lights, giving added brightness but using less power. In the GR Sport models, the GR logo is embossed on the front head rest and features on the push-button starter.

Touring Sports

The interior of the Touring Sports is tailored for the European market, offering sensory quality of the highest order.

The load space has a 596-litre capacity (VDA, 1.8 hybrid) and comes with numerous features to make it practical and easy to use. The rear seats can be folded down using a remote lever, giving a fully flat load floor.

The position of the rear shock absorbers maximises the load space width, making loading easier and allowing side wall storage pockets to be added behind the rear wheel housings.

The load surface has a two-position (upper and lower) deck. This can be opened and closed in the upper position, as if it were hinged from the rear seatbacks. It is also reversible, with carpet on one side and a resin finish on the other, suitable for use when carrying wet or dirty items.

The space beneath the deck, is fully carpeted and is fitted with detachable side separators. There's more convenience courtesy of LED load compartment lamps on both sides of the boot and a detachable, one-touch retractable tonneau cover.

A REWARDING DRIVING EXPERIENCE

- TNGA platform brings handling agility, responsiveness and a comfortable ride
- MacPherson strut front suspension and all-new multilink rear suspension

- Drive Mode Select system with Eco, Comfort, Normal and Sport modes
- Improved NVH complements the exceptional quietness of Toyota's self-charging hybrid technology

The GA-C platform brings considerable dynamic benefits to the Corolla range, as well as marked improvements in ergonomics and visibility for the driver.

The platform guarantees a more rewarding driving experience, thanks to a centre of gravity that's lowered by 10mm, multilink rear suspension as standard across the range and a 60 per cent more rigid body shell, achieved through the use of high-strength steel reinforcement in key areas. All these elements contribute to better handling and stability without compromising ride and comfort, as well as reducing high-frequency vibration, increasing the overall sense of quality.

Highly rigid, lightweight body shell

A considerable reduction in the car's body weight has been achieved by making extensive use of high-tensile steel and hot-stamped materials, and by reducing the thickness of the door and roof panels. This in turn helps improve overall fuel efficiency.

At the same time, applying adhesives and more spot welding throughout the body shell and using fully closed cross sections and structural rings, together deliver an increase of around 60 per cent in body rigidity compared to the previous Corolla/Auris models. This promotes a marked increase in handling agility, responsiveness to steering inputs and high-speed stability.

Handling and agility are further improved by the engine's low mounting height, a lower hip point for the seats and the location of the hybrid battery beneath the rear seats. In combination, these measures have brought the centre of gravity down by 10mm.

Suspension

The Corolla range uses a proven MacPherson strut front suspension, a multilink arrangement at the rear and new shock absorber valve technology.

The front suspension geometry was revised for the 12th generation model with new shock absorbers and coil springs tuned for a linear steering response in mid to high-speed cornering. The characteristics and clearance of the bound stoppers and location of the anti-roll bar were optimised, and the strut bearing rotation axis was realigned from the shock absorber to the king pin (steering) axis, reducing the left/right side steering force differences and enhancing steering feel.

The suspension arm and bush structures were changed and the friction of sliding parts was reduced to achieve quicker shock absorber response and minimise the transmission of shocks from rough surfaces.

The multilink rear suspension is notably compact and makes use of new-design coil springs, offering both handling stability and ride comfort. Link arm location was optimised to keep the tyres at a toe-in angle, both during cornering and under braking, securing better response to steering inputs and stability.

Friction in both the front and rear suspension was reduced by 40 per cent, helping gain a smoother and more comfortable ride.

Aerodynamics

The GA-C platform allowed for the design of a highly aerodynamic body shape, thanks to factors such as the reduction in overall vehicle height and a significantly lower bonnet.

Corolla has a full underfloor cover and there are aero stabilising fins on both the rear bumper seal and the rear lamp clusters to help direct airflow and improve handling stability.

Noise and vibration performance

Corolla features numerous measures to minimise noise and vibration entering the cabin.

The engine installation has been designed to minimise vibration at start-up and idling speeds. The increase in engine speed at the start of acceleration has been suppressed, to achieve both a more linear match between engine and vehicle speeds and quieter running under acceleration.

The GA-C platform contributes to the suppression of transmission vibration, the steering wheel pad acts as a dynamic damper to suppress steering vibration, and even the tool box design helps reduce vibration in the rear floor panel.

Generous application of sound-absorbing and insulating material in the engine bay combines with a triple-layered dashboard inner silencer to minimise the ingress of engine and transmission noise into the cabin.

Corolla further benefits from an integral floor silencer, increased body sealer in the gaps between panels and foam material injected into numerous locations around the body frame to reduce wind and road noise levels in the cabin.

UK MODEL RANGE AND PRICES

The new Corolla is launched in the UK with four equipment grades: Icon, Design, GR Sport and Excel. Each grade is available in both Hatchback and Touring Sports body styles with a choice of both 1.8 and 2.0-litre hybrid electric powertrains.

Equipment highlights

Icon grade, the entry point to the new Corolla range, features as standard: -

- New-design 16-inch silver alloy wheels
- LED headlights and front fog lights
- New, customisable 12.3-inch digital combimeter
- Toyota Smart Connect+ multimedia system with 10.5-inch display
- Satellite navigation
- Wireless device charger
- Smart entry and push-button start
- Dual-zone air conditioning
- Reversing camera
- Front and rear parking sensors with auto braking
- Heated front seats
- Toyota Safety Sense active safety and driver assistance systems
- Over-the-air software updates

The **Design** specification extends the Icon specification with: -

- 17-inch black/machined alloy wheels
- LED dual-beam projector headlights
- Power tailgate with kick sensor for hands-free operation (Touring Sports only)
- Rear privacy glass
- Door mirrors with auto-folding function
- Rain-sensing wipers
- Ambient interior lighting
- Auto-dimming rear-view mirror
- Optional Skyview panoramic roof

The Corolla **GR Sport** adds sports-themed styling and features to the Design specification, including: -

- 18-inch dark grey/machined alloy wheels

- GR sports seats with part-leather bolsters
- Dark chrome lower grille
- Black door mirror casings
- GR Sport scuff plates
- Red contrast stitching on steering wheel and shift lever
- Bi-tone paint finish option

The **Excel** models also build on the Design specification: -

- 18-inch dark grey/machined alloy wheels
- Adaptive High-beam headlights
- Multi-beam LED headlights
- Leather upholstery
- Head-up display
- Blind Spot Monitor
- Rear Cross-Traffic Alert
- Safe Exit Assist
- Bi-tone paint finish option
- Skyview panoramic roof option

Prices

On-the-road prices for the new Corolla range are provided in the table below.

GRADE	POWERTRAIN	BODY STYLE	OTR PRICE
Icon	1.8 hybrid electric	5-door hatchback	£30,210
Icon	1.8 hybrid electric	Touring Sports	£31,545
Icon	2.0 hybrid electric	5-door hatchback	£31,955
Icon	2.0 hybrid electric	Touring Sports	£33,290
Design	1.8 hybrid electric	5-door hatchback	£31,780
Design	1.8 hybrid electric	Touring Sports	£33,115
Design	2.0 hybrid electric	5-door hatchback	£33,525
Design	2.0 hybrid electric	Touring Sports	£34,860
GR Sport	1.8 hybrid electric	5-door hatchback	£32,990

GR Sport	1.8 hybrid electric	Touring Sports	£34,705
GR Sport	2.0 hybrid electric	5-door hatchback	£34,735
GR Sport	2.0 hybrid electric	Touring Sports	£36,450
Excel	1.8 hybrid electric	5-door hatchback	£33,400
Excel	1.8 hybrid electric	Touring Sports	£35,115
Excel	2.0 hybrid electric	5-door hatchback	£35,145
Excel	2.0 hybrid electric	Touring Sports	£36,860

Up to 10 years manufacturer's warranty

In common with every new Toyota, the new Corolla 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.

TOYOTA COROLLA TIMELINE

YEAR	MONTH	EVENT
1966		Toyota introduces the first generation Corolla, the start of what became the world's best-selling vehicle nameplate. More than 50 million Corolla models have been sold worldwide.
2007		The Corolla name is discontinued in the UK with the end of sales of the ninth generation model. It is replaced by the all-new Toyota Auris. Like the previous Corolla models, Auris is built in Britain at Toyota's Burnaston plant.
2018	October	Toyota announces the Corolla name will return in Europe with an all-new 12 th generation model. New Hatchback,

		Touring Sports and Saloon models are all constructed the same new Toyota New Global Architecture C platform.
2019	January	New Corolla production begins at Burnaston.
2019	December	Corolla becomes an all-hybrid electric range for 2020 with the discontinuation of the 1.2 turbo petrol engine. The Corolla GR Sport and TREK versions are added to the line-up.
2020	March	Corolla enters the British Touring Car Championship with Toyota Gazoo Racing UK.
2021	December	Corolla adopts the new Toyota Smart Connect+ multimedia system for 2022.
2022	January	End of UK sales of the Corolla saloon.
	June	Details are announced of a revised Corolla, powered by fifth generation Toyota hybrid electric technology.
	August	Advance orders open for the new Corolla range.
2023	February	UK introduction of the new Corolla range.

Sales data

Corolla sales in UK markets in 2022: 18,598

Cumulative sales since UK launch (all Corolla generations/models): 610,035

TOYOTA COROLLA TECHNICAL SPECIFICATIONS

1.8-litre Hybrid		
Engine Code	2ZR-FXE	
Type	Four 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. torque (Nm @ rpm)	142 @ 3,600	
Max. engine power (bhp/DIN hp/kW @ rpm)	97/98/72 @ 5,200	
Total hybrid system max. output (bhp/DIN hp/kW)	138/140/103	
2.0-litre Hybrid		
Engine Code	M20A-FXS	
Type	Four cylinders in-line	
Valve mechanism	DOHC 16-valve with VVT-i	
Fuel system	Electronic fuel injection	
Displacement (cc)	1,987	
Bore x stroke (mm)	80.5 x 97.6	
Compression ratio	14.0:1	
Max, engine output (bhp/DIN hp/kW @ rpm)	150/152/112 @ 6,000	
Max torque (Nm @ rpm)	190 @ 4,400	
Total hybrid system max. output (bhp/DIN hp/kW)	193/196/144	
Electric motor	1.8 Hybrid	2.0 Hybrid
Motor type	Permanent magnet, synchronous	
Max. voltage (v)	600	
Max. power (kW)	70	83
Max. torque (nm)	185	206
High-voltage battery	1.8 Hybrid	2.0 Hybrid
Battery type	Lithium-ion	
Number of modules (12 cells per module)	56	60
Nominal voltage (v)	600	

Battery capacity (amp/h)			4.08	
Max.net power (kW)			73	80
TRANSMISSION			1.8 Hybrid	2.0 Hybrid
Type			CVT	CVT
Gear ratios	Differential gear ratio		2.834	3.193
PERFORMANCE			1.8 Hybrid	2.0 Hybrid
Max Speed (mph)			112	112
0-62mph acceleration (sec)	Hatchback		9.1	7.4
	Touring Sports		9.4	7.7
FUEL CONSUMPTION (WLTP)			1.8 Hybrid	2.0 Hybrid
Combined (mpg)	Hatchback	Icon	64.2	64.2
		Design	61.4	62.8
		GR Sport	60.1	61.4
		Excel	60.1	61.4
	Touring Sports	Icon	62.8	64.2
		Design	60.1	61.4
		GR Sport	60.1	61.4
		Excel	60.1	61.4
Fuel tank capacity (l)			43	43
CO ₂ EMISSIONS (WLTP)			1.8 Hybrid	2.0 Hybrid
Combined (g/km)	Hatchback	Icon	100	98
		Design	104	102
		GR Sport	105	103
		Excel	106	103
	Touring Sports	Icon	101	100
		Design	106	104
		GR Sport	107	105
		Excel	106	104
Insurance groups			17E-18E	21E-22E
Service schedule			10,000 miles/annually	
BRAKES			1.8 Hybrid	2.0 Hybrid
Front – ventilated discs (diameter, mm)			282	298
Rear – solid discs (diameter, mm)			274	274
SUSPENSION				

Front		MacPherson strut, anti-roll bar	
Rear		Multilink, anti-roll bar	
STEERING			
Type		Rack and pinion, electric power steering	
Ratio	16in wheel	13.5:1	
	17/18in wheel	13.6:1	
Turns lock-to-lock	16in wheel	2.65	
	17/18in wheel	2.76	
Min. turning radius – body	16in wheel	5.6	
	17/18in wheel	5.8	
Min. turning radius – tyre	16in wheel	5.2	
	17/18in wheel	5.4	
EXTERIOR DIMENSIONS		HATCHBACK	TOURING SPORTS
Overall length (mm)		4,370 4,380 GR Sport	4,650 4,660 GR Sport
Overall width (mm)		1,790	1,790
Overall height (mm)		1,460	1,460
Wheelbase (mm)		2,640	2,700
Front track (mm)	16in wheel	1,530	1,530
	17/18in wheel	1,530	1,530
Rear track (mm)	16in wheel	1,544	1,544
	17/18in wheel	1,544	1,544
Front overhang (mm)		935	935
Rear overhang (mm)		795	1,015
Ground clearance (mm)		135	135
Coefficient of drag (Cd)		0.31	0.31
INTERIOR DIMENSIONS		HATCHBACK	TOURING SPORTS
Interior length (mm)		1,795	1,855
Interior width (mm)		1,510	1,510
Interior height (mm)		1,155	1,155
Loadspace length – rear seats up (mm)		1,795	1,860
Loadspace max. Width (mm)		1,395	1,430

Loadspace height – to tonneau (mm)		350	520
Load capacity (l)	1.8 hybrid	361	596
	2.0 hybrid	313	581
WEIGHTS		HATCHBACK	TOURING SPORTS
Kerb weight (kg)	1.8 hybrid	1,345 – 1,410	1,400 – 1,480
	2.0 hybrid	1,385 – 1,485	1,440 – 1,535
Gross vehicle weight (kg)	1.8 hybrid	2,570	2,635
	2.0 hybrid	2,660	2,705
Towing capacity – braked (kg)	1.8 & 2.0 hybrid	750	750
Towing capacity – unbraked (kg)		450	450
WHEELS & TYRES		HATCHBACK	TOURING SPORTS
Wheels		16, 17 or 18in alloy	
Tyres	16in wheel	205/55R16 91V	
	17in wheel	225/45R17 91W	
	18in wheel	225/40R18 92W	

These specifications are provided as a guide for media only. Customers wishing to check the details of a specific vehicle should contact their Toyota centre or visit www.toyota.co.uk.

TOYOTA COROLLA EQUIPMENT SPECIFICATIONS

SAFETY	ICON	DESIGN	GR SPORT	EXCEL
Toyota Safety Sense: Pre-Collision System with Intersection Collision Avoidance Support, Intelligent Adaptive Cruise Control, Lane Departure Alert, Lane Trace Assist, Emergency Steering Assist, Emergency Driving Stop System and Road Sign Assist	✓	✓	✓	✓
Automatic High Beam	✓	✓	✓	✓
Adaptive High-beam System	✗	✗	✗	✓
7 SRS airbags	✓	✓	✓	✓
Passenger airbag cut-off switch	✓	✓	✓	✓
Height adjustable front and rear head rests	✓	✓	✓	✓
Child proof locks on rear doors	✓	✓	✓	✓
ISOFIX child seat anchors on outer rear seats	✓	✓	✓	✓
ABS	✓	✓	✓	✓
Electronic Brakeforce Distribution (EBD)	✓	✓	✓	✓
Brake Assist (BA)	✓	✓	✓	✓
Vehicle Stability Control (VSC)	✓	✓	✓	✓
Hill-start Assist Control	✓	✓	✓	✓
Blind Spot Monitor	✗	✗	✗	✓
Rear Cross Traffic Alert with auto brake	✗	✗	✗	✓
Safe Exit Assist electronic door release	✗	✗	✗	✓
Tyre Pressure Warning System	✓	✓	✓	✓
eCall	✓	✓	✓	✓
Over-the-air safety and multimedia software updates	✓	✓	✓	✓
INSTRUMENTS & CONTROLS	ICON	DESIGN	GR SPORT	EXCEL
12.3in customisable digital combimeter	✓	✓	✓	✓
Colour head-up display	✗	✗	✗	✓
Headlamp levelling (manual)	✓	✓	✓	✗
Headlamp levelling (automatic)	✗	✗	✗	✓

Electronic parking brake with brake hold function	✓	✓	✓	✓
COMFORT & CONVENIENCE	ICON	DESIGN	GR SPORT	EXCEL
Electric Power Steering	✓	✓	✓	✓
Tilt and reach adjustable steering column	✓	✓	✓	✓
Power windows	✓	✓	✓	✓
Power tailgate with kick sensor and height memory (Touring Sports only)	✗	✓	✓	✓
Back door release – on key fob and in cabin (Touring Sports only)	✗	✓	✓	✓
Reversing camera	✓	✓	✓	✓
Rain-sensing wipers	✗	✓	✓	✓
Automatic headlights	✓	✓	✓	✓
Auto-dimming rear-view mirror	✗	✓	✓	✓
Front and rear parking sensors with auto brake	✓	✓	✓	✓
12v power outlet in centre console	✓	✓	✓	✓
12v power outlet in loadspace (Touring Sports only)	✓	✓	✓	✓
White ambient cabin lighting	✗	✓	✓	✓
AUDIO, INFORMATION & NAVIGATION	ICON	DESIGN	GR SPORT	EXCEL
Audio system with six speakers, DAB/AM/FM radio	✓	✓	✓	✓
Toyota Smart Connect+ multimedia system with 10.5in touchscreen display, embedded and cloud-based navigation, OTA updates and on-board voice assistant	✓	✓	✓	✓
Bluetooth	✓	✓	✓	✓
Front USB-C port	✓	✓	✓	✓
Rear USB-C port	✗	✗	✗	✓
Smartphone integration with Apple CarPlay (wireless) and Android Auto (wired)	✓	✓	✓	✓
Steering wheel mounted audio/Bluetooth/ACC controls	✓	✓	✓	✓
Wireless smartphone charger	✓	✓	✓	✓

MyT app access to remote services	✓	✓	✓	✓
VENTILATION	ICON	DESIGN	GR SPORT	EXCEL
Automatic dual-zone air conditioning	✓	✓	✓	✓
Remote air conditioning operation using MyT app	✓	✓	✓	✓
Pollen filter/clean air filter	✓	✓	✓	✓
SECURITY	ICON	DESIGN	GR SPORT	EXCEL
Remote central double locking with deadlocks	✓	✓	✓	✓
Alarm	✓	✓	✓	✓
Smart entry and push-button start	✓	✓	✓	✓
SEATING, UPHOLSTERY & TRIM	ICON	DESIGN	GR SPORT	EXCEL
Fabric upholstery	✓	✗	✗	✗
Fabric and synthetic leather upholstery	✗	✓	✗	✗
Leather seat upholstery	✗	✗	✗	✓
GR Sport front seats with part-leather bolsters	✗	✗	✓	✗
Sport front seats	✗	✗	✓	✓
Heated front seats	✓	✓	✓	✓
Power driver's seat lumbar support	✓	✓	✓	✓
60:40 folding rear seat	✓	✓	✓	✓
Easy-flat folding rear seats (Touring Sports only)	✓	✓	✓	✓
Leather-trimmed three-spoke steering wheel and shift lever	✓	✓	✓	✓
Red stitching on steering wheel shift lever	✗	✗	✓	✗
Textile floor mats	✓	✓	✓	✓
Corolla alloy scuff plates	✓	✓	✗	✓
GR alloy scuff plates	✗	✗	✓	✗
Satin chrome trim inserts	✓	✓	✓	✓
EXTERIOR	ICON	DESIGN	GR SPORT	EXCEL
16in silver alloy wheels	✓	✗	✗	✗
17in black/machined alloy wheels	✗	✓	✗	✗
18in dark grey/machined 10-spoke alloy wheels	✗	✗	✓	✗

18in dark grey/machined alloy wheels	x	x	x	✓
Electrically adjustable heated door mirrors	✓	✓	✓	✓
Door mirrors with auto-folding function	x	✓	✓	✓
LED multi-reflector headlights	✓	x	x	x
LED dual-beam projector headlights	x	✓	x	✓
LED multi-beam headlights	x	x	✓	x
LED daytime running lights	✓	✓	✓	✓
LED rear combination lights	✓	✓	✓	✓
LED front fog lights	✓	✓	✓	✓
Shark fin antenna	✓	✓	✓	✓
Rear privacy glass	x	✓	✓	✓
Skyview panoramic roof with power sunshade (not available on 1.8 Touring Sports)	x	Opt	x	Opt
Metallic/pearlescent paint	Opt	Opt	Opt	Opt
Bi-tone paint finish (Hatchback only)	x	x	Opt	Opt
Body coloured bumpers and door handles	✓	✓	✓	✓
Body coloured door mirror casings	✓	✓	x	✓
Black door mirror casings	x	x	✓	x
Body coloured rear spoiler	✓	✓	✓	✓
Black rear spoiler (included in bi-tone paint option)	x	x	Opt	Opt
Gloss black upper grille	✓	✓	✓	✓
Black lower grille	✓	x	x	x
Metallic black lower grille	x	✓	x	✓
Dark chrome lower grille	x	x	✓	x
Chrome front and rear bumper inserts	x	✓	x	✓
Tyre repair kit	✓	✓	✓	✓

These specifications are provided as a guide for media only. Customers wishing to check the details of a specific vehicle should contact their Toyota centre or visit www.toyota.co.uk.

ENDS

Ref:230214M