

**PLEASE NOTE THE PRESS INFORMATION FOR THE NEW 2023  
COROLLA COMMERCIAL WILL REPLACE THIS DOCUMENT  
SHORTLY (FEBRUARY 2023)**

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**THE NEW TOYOTA COROLLA COMMERCIAL**

- The UK and Europe's first self-charging, full hybrid electric van
- Latest addition to the growing Toyota Professional range of light commercial vehicles
- Developed and built at Toyota Manufacturing UK's Burnaston plant
- Derived from the Corolla Touring Sports passenger car
- 1,326 litres of load space (1.3m<sup>3</sup>); payload up to 425kg; 750kg towing capacity
- High standard equipment specification, plus Toyota Safety Sense active safety and driver assistance features
- Toyota's hybrid electric technology delivers fuel efficiency, low emissions, smooth running and electric driving capability

Toyota has a fine heritage of innovation, delivering cars and technologies that are not just new, but also always better. It's this spirit that has inspired the new Corolla Commercial, the UK and Europe's first van to use self-charging hybrid electric power.

Developed and built in the UK and the latest model in the Toyota Professional range of light commercial vehicles, Corolla Commercial offers customers a perfect solution for meeting the need to reduce carbon emissions without compromising the flexibility and reliability businesses – in particular small enterprises and sole traders – require. Toyota's fourth generation hybrid system gives a generous all-electric driving capability that's ideal for urban deliveries, while the hybrid system ensures there's always the freedom to make longer trips whenever required, with no need to schedule down-time for recharging.

The van is a development of the Corolla Touring Sports passenger car, so it has a more generous load capacity than vehicles based on hatchback models: the cargo area has a maximum capacity of 1,326 litres (1.3m<sup>3</sup>) with easy access through the wide tailgate

aperture. The flat load floor has a tough rubber lining and there is a full-height steel bulkhead, interior light and a 12V power outlet. Maximum payload is 425kg and braked trailers with up to 750kg can be towed.

## **COROLLA COMMERCIAL PRODUCTION AT TMUK BURNASTON**

The concept of a Corolla-derived hybrid electric van has been a UK initiative from the outset. Having gained a positive response from established customers to the idea of Toyota applying its hybrid technology to a commercial vehicle, a prototype was produced and revealed for the first time at the 2021 Commercial Vehicle Show. With no negative feedback – people warmly welcomed the prospect of a van with hybrid electric power – Toyota launched production in May 2022.

Corolla Commercial is manufactured at the Toyota Manufacturing UK (TMUK) car plant at Burnaston in Derbyshire. It is derived from the Corolla Touring Sports, which is produced on the same TMUK assembly line as the Corolla Hatchback; vehicles that are assigned for conversion go through the same process as the passenger models, but with no fitment of rear seats or rear seatbelts.

The conversion work is carried out in TMUK's Business Revenue Centre at Burnaston. Here the vehicles are fitted with a flat-floor load space with a tough rubber lining, a steel bulkhead and opaque film to cover the rear windows. These measures ensure the Toyota meets N1 type approval as a goods vehicle. The work is carried out by trained and experienced Toyota technicians and the van undergoes the same rigorous quality inspection checks as its passenger vehicle counterparts.

### **TMUK Business Revenue Centre**

The Business Revenue Centre (BRC) has been developed to diversify the work undertaken by TMUK at Burnaston, beyond the production of the hybrid electric Corolla Hatchback and Touring Sports. Using a dedicated area within the plant complex, it provides services including the reconditioning of pre-owned vehicles and fitment of accessories to new vehicles that have arrived in the UK via Toyota's Portbury import depot.

The unit serves as a one-stop-shop to prepare vehicles to customer specifications, including spray-on Line-X bed liners for the Hilux pick-up, ply-linings and racking for vans, amber light bars, liveries and vehicle wraps.

Corolla is an increasingly popular choice for public sector fleets, in particular for police and other emergency services. The BRC has the capability to install many of the special features they require, including lighting, liveries and electronics.

These new services provide benefits to the customer: there is no third-party involvement, so the process is quicker and at the end of the job, there is just one invoice to pay. There is also the peace of mind that all work meets Toyota's high quality, reliability and durability standards and is carried out by an expert team.

## **POWERTRAIN AND CHASSIS**

Corolla Commercial's powertrain and chassis are unchanged from those used by the Corolla Touring Sports passenger car, so it retains the smooth, refined and efficient performance of the 1.8-litre self-charging hybrid electric system and the ride, handling and safety benefits of Toyota's TNGA-C platform.

### **Full hybrid electric system**

As the first UK van to use a full hybrid electric powertrain, Corolla Commercial is equipped with the 1.8-litre system that is well-established in the Corolla Hatchback and Touring Sports models.

It features a 1,798cc DOHC Atkinson cycle petrol engine, a compact and powerful electric motor/generator and a lithium-ion high-voltage battery to give a total output of 120bhp/90kW. Maximum engine torque is 142Nm while the 53kW/600V motor produces 163Nm from zero rpm.

In being installed in a light commercial vehicle, it sacrifices none of the qualities that customers value in a Toyota self-charging hybrid, with quiet, intuitive operation, low cost of ownership, low CO<sub>2</sub> emissions and an all-electric driving capability that covers typical short urban journeys. Official WLTP combined cycle figures for the Corolla Commercial show 105 to 115g/km and 55.6 to 61.4mpg.

The engine is a compact, lightweight unit, benefiting from comprehensive measures to achieve optimum efficiency, including the reduction of internal friction, better heat management and combustion chamber design. Likewise, the hybrid transaxle takes up less space, having a side-by-side parallel axis design that also allows for a smaller motor with a higher rotation speed.

Corolla Commercial has a top speed of 112mph and can accelerate from 0-62mph in 11.1 seconds.

### **Chassis**

The quality of the TNGA-C (Toyota New Global Architecture) platform has been ably demonstrated by the dynamic quality of the Corolla Hatchback and Touring Sports. The same benefits are delivered in Corolla Commercial, including a highly rigid body, reinforced with extensive use of body adhesives, spot-welding and high-tensile and hot-stamped steels. As well as giving superior protection and impact force absorption, this rigidity helps enhance steering and chassis responsiveness.

### **Suspension**

The suspension design features front MacPherson struts and a compact multilink arrangement at the rear, working with shock absorbers with new valve technology (introduced with the 12<sup>th</sup> generation Corolla). The front system is tuned for linear steering response when cornering and enhanced steering feel; the rear system is focused on handling stability and ride comfort. Significantly reduced friction helps deliver a smoother and more comfortable ride.

### **Aerodynamics**

Corolla Commercial's all-round efficiency is supported by its aerodynamic design features, including full underfloor cover and stabilising fins on the rear light clusters to help direct airflow and improve handling stability.

## **SAFETY**

The transition from Touring Sports to Commercial includes the wholesale adoption of the passenger model's Toyota Safety Sense active safety and driver assistance features, provided as standard. These advanced technologies are designed to identify accident risks and help prevent or mitigate collisions across a wide range of common driving scenarios.

### **Pre-Collision System (PCS)**

The Pre-Collision System can detect vehicles ahead and alert the driver of a collision risk with audible and visual warnings. At the same time, it primes the brakes to deliver maximum stopping power the moment the driver presses the pedal. If the driver fails to react and an impact becomes inevitable, the system automatically applies the brakes, slowing the vehicle

and potentially bringing it to a halt. It can also detect pedestrians during day and night-time driving, and bicycle riders during daylight hours.

### **Intelligent Adaptive Cruise Control**

The Adaptive Cruise Control helps the driver maintain a safe distance from the vehicle in front. Acceleration and deceleration are smooth and comfortable and can be controlled using switchgear on the steering wheel.

It provides low-speed following and a stop-start capability when travelling at speeds from standstill to around 19mph. In congested traffic, the van will be brought to stop when the vehicle ahead stops, maintaining an appropriate distance; to restart and reactivate the ACC, the driver simply presses the accelerator pedal or the switch on the steering wheel.

The system also supports safer overtaking manoeuvres, giving preliminary acceleration when the driver operates the turn indicator to move out and overtake a slower vehicle. If it detects another vehicle ahead in the overtaking lane, acceleration is suppressed to prevent the Corolla coming up behind it too suddenly.

### **Lane Departure Alert with steering control**

Lane Departure Alert can help prevent accidents and head-on collisions caused by the vehicle straying from its traffic lane. If the system detects the vehicle is deviating from its lane without the turn indicators being used (at speeds above 31mph), it will trigger audible and visual warnings and can provide steering input to help the driver bring the car back to its correct path. It will also recognise the road margin on straight roads where there are no lane markings.

An additional Vehicle Sway Warning detects the kind of deviations that happen when a driver starts to lose concentration or becomes tired. Once again, audible and visual warnings are given, recommending the driver takes a break from the wheel.

### **Lane Trace Assist**

Lane Trace Assist provides advanced driving support, reducing the burden on the driver. When the intelligent Adaptive Cruise Control and Lane Trace Assist are active, it will help the driver to keep the vehicle centred in its traffic lane by making light steering inputs, even when travelling through gentle bends.

LTA will function from motorway speeds down to near standstill, supporting the driver in congested traffic. If the system cannot detect lane markings on the road surface – if they are

faded or obscured – it will follow the path of the vehicle ahead, recognised by the van's front camera and millimetre-wave radar.

### **Automatic High Beam**

Automatic High Beam detects both the headlights of oncoming vehicles and the tail lights of vehicles ahead, automatically switching between high and low beams to avoid dazzling other drivers. More frequent use of high beam increases the chances of detecting pedestrians and hazards earlier.

### **Road Sign Assist**

Road Sign Assist has been enhanced to that it is able to recognise a wider range of road sign warnings and commands, presenting the information on the driver's multi-information display. If the driver exceeds a recognised speed limit, the system can provide an audible and visual warning.

### **Passive safety**

Corolla Commercial has an equally strong array of passive safety features, not least a highly rigid body designed to absorb front, side, rear and roof impacts, dispersing collision energy to help prevent deformation of the cabin.

There are seven airbags in the cabin and vehicle control systems including ABS with brakeforce distribution, vehicle stability control, traction control and hill start assist control are provided as standard.

With the standard fitment of a data communications module (DCM), Corolla Commercial is equipped with the eCall system for automatic SOS alerts to the emergency services in the event of a serious collision.

## **MODEL RANGE, PRICING AND WARRANTY**

Corolla Commercial is available in a single version with a high specification that reflects its passenger car roots.

Standard features include a full-height metal bulkhead, eight-inch multimedia display, smartphone integration with Apple CarPlay and Android Auto, reversing camera, automatic headlights, heated and power adjustable door mirrors, dual-zone air conditioning and heated, height-adjustable seats with power lumbar adjustment for the driver.

The van is also equipped with Toyota Safety Sense active safety and driver assistance systems (full details above).

Owners can add to their vehicle's style and practicality with a selection of customisation options. For easier manoeuvring, rear or front and rear parking sensors can be added. To help deal with the rough and tumble of van life, a Protection Pack provides mudflaps and a protective film for the door handles; the Protection+ Pack adds front bumper protection film and scuff plates. A seven or 13-pin towing system can be fitted.

The standard finish is Pure White, with Eclipse Black and Silver metallic paint options also available. Customers can add a distinctive touch to their vehicle with a Style Pack option, adding contrast trims to the bumpers and lower doors in red, black or chrome.

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

In common with every new Toyota, Proace City 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 they have their vehicle serviced at an authorised Toyota workshop, in line with its service schedule. 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).

As part of the Toyota Professional range of LCVs, it also comes with five years' roadside assistance and the guarantee of a service appointment within seven days. If the service target is not met, the customer qualifies for a 50 per cent reduction in servicing labour costs (for terms and conditions, visit [www.toyota.co.uk](http://www.toyota.co.uk)).

## TOYOTA COROLLA COMMERCIAL TECHNICAL SPECIFICATIONS

<b>POWERTRAIN</b>	
Hybrid system	1.8-litre full hybrid electric
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
<b>Total hybrid system max. output (bhp/kW)</b>	<b>120/90 @ 5,200</b>
<b>Electric motor</b>	
Motor type	Permanent magnet, synchronous
Max. voltage (v)	600
Max. power (kW)	53
Max. torque (nm)	163
<b>High-voltage battery</b>	
Battery type	Lithium-ion
Number of cells	56
Nominal voltage (v)	207
Battery capacity (amp/h)	3.6
<b>TRANSMISSION</b>	
Type	CVT
Differential gear ratio	2.834
<b>PERFORMANCE</b>	
Max Speed (mph)	112
0-62mph acceleration (sec)	11.1
<b>FUEL CONSUMPTION (WLTP)</b>	
Fuel consumption – WLTP combined (mpg)	55.6 - 61.4
Fuel tank capacity (l)	43
<b>CO<sub>2</sub> EMISSIONS (WLTP)</b>	
CO <sub>2</sub> emissions – WLTP combined (g/km)	105
Insurance group	27E



Service schedule	10,000 miles/annually
<b>BRAKES</b>	
Front – ventilated discs (diameter, mm)	282
Rear – solid discs (diameter, mm)	274
<b>SUSPENSION</b>	
Front	MacPherson strut, anti-roll bar
Rear	Multilink, anti-roll bar
<b>STEERING</b>	
Type	Rack and pinion, electric power steering
Ratio	13.5
Turns lock-to-lock	2.65
Min. turning radius – body	5.5
Min. turning radius – tyre	5.2
<b>EXTERIOR DIMENSIONS</b>	
Overall length (mm)	4,650
Overall width (mm)	1,790
Overall height (mm)	1,460
Wheelbase (mm)	2,700
Front track (mm)	1,530
Rear track (mm)	1,530
Front overhang (mm)	935
Rear overhang (mm)	1,015
Ground clearance (mm)	135
Coefficient of drag (Cd)	0.31
<b>INTERIOR DIMENSIONS</b>	
Load length (mm)	1,558
Load width – between wheel arches (mm)	952
Load width – max. (mm)	1,430
Load height (mm)	682
Load capacity (l)	1,326
<b>WEIGHTS</b>	
Kerb weight (kg)	1,410
Gross vehicle weight (kg)	1,835
Max. Payload (kg)	425

Towing capacity – braked (kg)	750
Towing capacity – unbraked (kg)	450
<b>WHEELS &amp; TYRES</b>	
Wheels	15in steel with full cover
Tyres	195/65/R15

## TOYOTA COROLLA COMMERCIAL EQUIPMENT SPECIFICATIONS

<b>SAFETY</b>	
Toyota Safety Sense: Pre-Collision System, full-range Adaptive Cruise Control, Automatic High Beam, Lane Departure Alert, Lane Trace Assist, Sway Warning and Road Sign Assist	✓
Driver and passenger airbag	✓
Driver and passenger side airbag	✓
Curtain shield airbags	✓
Driver's knee airbag	✓
Driver attention alert	✓
Dual-stage (light and buzzer) seatbelt reminder	✓
Passenger airbag cut-off switch	✓
Height adjustable head restraints	✓
Three-point front seatbelts with pretensioners, load limiters and emergency locking retractors	✓
ABS	✓
Electronic Brakeforce Distribution (EBD)	✓
Brake Assist (BA)	✓
Vehicle Stability Control (VSC) and Traction Control (TRC)	✓
Adjustable speed limiter	✓
Hill-start Assist Control	✓
Tyre Pressure Warning System	✓
eCall	✓
<b>INSTRUMENTS &amp; CONTROLS</b>	
4.2in colour TFT multi-information display	✓
Headlamp levelling (manual)	✓
Electronic parking brake	✓
<b>COMFORT &amp; CONVENIENCE</b>	
Electric Power Steering	✓
Tilt and reach adjustable steering column	✓
Power windows	✓
Remote fuel lock release	✓
Push-button start	✓
Reversing camera with static guidelines	✓
Automatic headlights	✓

12v power outlet in cabin	✓
12v power outlet in load space	✓
Illuminated entry	✓
<b>AUDIO, INFORMATION &amp; NAVIGATION</b>	
Audio system with six speakers, DAB/AM/FM radio, Aux socket and USB port	✓
Toyota Touch 2: multimedia system with 8in touchscreen control and voice recognition	✓
Bluetooth	✓
Smartphone integration with Apple CarPlay and Android Auto	✓
Steering wheel mounted audio/Bluetooth/ACC controls	✓
Access to MyT connected services	✓
<b>VENTILATION</b>	
Automatic dual-zone air conditioning	✓
Pollen filter/clean air filter	✓
<b>SECURITY</b>	
Remote central double locking with deadlocks	✓
Alarm	✓
<b>SEATING, UPHOLSTERY &amp; TRIM</b>	
Black fabric upholstery with grey stitching	✓
Heated seats	✓
Power driver's seat lumbar support	✓
Rubber load space lining	✓
<b>EXTERIOR</b>	
15in steel wheels with full covers	✓
Electrically adjustable heated door mirrors	✓
LED headlights	✓
Follow-me-home headlights	✓
LED daytime running lights	✓
LED rear combination lights with light guides	✓
Shark fin antenna	✓
Body-coloured door mirrors, handles and front and rear spoilers	✓
Gloss black front grille	✓
Metallic paint	Opt
Tyre repair kit	✓

**ENDS**

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