

## **THE TOYOTA LAND CRUISER COMMERCIAL**

The Toyota Land Cruiser's "unstoppable" muscle is being wielded in a wider market with the first commercial vehicle versions of the legendary SUV in the UK.

The models come with all the built-in quality, durability and reliability that have earned Land Cruiser a worldwide reputation for go-anywhere performance. With a robust, body-on-frame construction, proven all-wheel drive capability and a powerful new 2.8-litre engine, introduced to the range in autumn 2020, the Land Cruiser Commercial has the perfect pedigree to be a formidable workhorse.

Bringing the exceptional strength of Land Cruiser to Toyota's LCV line-up adds a valuable new dimension to the range, alongside the rugged Hilux pick-up and versatile Proace medium-duty Proace City compact vans. The quality and performance that have made Land Cruiser such a strong performer worldwide is sought after by customers who need a vehicle they can rely on to do the job, every time.

Short and long-wheelbase versions are available with three and five doors respectively, sharing the same smart body styling as the current generation Land Cruiser. Overall length is 4,395mm for the SWB and 4,840 for the LWB; both vehicles are 1,885mm wide, with the three-door measuring 1,830mm high and the five-door 1,845mm. Inside, the rear seats have been removed to create a spacious load area, extending to 1,574 litres in the SWB and 2,216 litres in the LWB; respective payloads are up to 593 and 756kg (according to vehicle kerb weight).

Both vehicles can tow braked trailers with loads of up to three tonnes.

The load space is designed to be practical and hard-wearing with an edge-to-edge non slip flat floor tray. The division between the front cabin and rear cargo area is a full height metal bulkhead with a strong mesh top section fitted with a hatch for easy access. Loading is via the wide-opening side-hinged tailgate, or (on five-door models) through either of the rear side doors. The rear windows are blanked out with opaque film that matches the Land Cruiser's body colour.

Where cabin comfort, convenience and safety are concerned, the provisions are generous. The two front seats have cloth upholstery and adjustable head restraints. Standard features include air conditioning, cruise control and six-speaker audio system with DAB, CD player, Bluetooth and (on the LWB model) Aux-in and USB connection. Dusk-sensing headlights, smart entry, front fog lights and roof rails are also included in the specification.

Front, side and driver's knee airbags are fitted and the vehicle is equipped with Multi-terrain ABS, Active Traction Control, Vehicle Stability Control, Trailer Sway Control (LWB only) and a tyre pressure warning system. Nineteen-inch six-spoke silver alloy wheels are fitted as standard.

The Active grade adds body-colour door handles and door mirror casings. In the cabin there is dual-zone automatic climate control, a nine-speaker audio system with DAB radio reception, and the Toyota Touch 2 multimedia system with eight-inch touch screen. Smartphone integration is made easy via Apple CarPlay and Android Auto. Additional handling and safety features include rear parking sensors, reversing camera, Hill-start Assist Control and Downhill Assist Control. For customers who prefer a simpler look, the alloys can be swapped for steel wheels.

Customers can take advantage of a number of accessory options to increase the Land Cruiser Commercial Active's usefulness, including a navigation system, and seven or 13-pin tow bars. An Essential Protection Pack adds a rear bumper plate and rubber floor mats.

### **An off-roading thoroughbred**

Like its passenger vehicle counterparts, the Land Cruiser Commercial is designed and engineered to cope with demanding off-road conditions.

The LWB version has a minimum ground clearance of 215mm; for the SWB model the figure is 205mm. The approach angle, which determines the maximum gradient the vehicle can approach without the underside of the front bumper hitting the ground, is 31°. Its maximum wading depth is 700mm.

Even with its generous ground clearance, there can be a risk of the underside of the vehicle hitting the ground when driving over very rough terrain. For this reason, both the front and rear bumpers and the ladder frame cross-member have been designed to slide easily over any obstacles. Many other SUVs have box-shaped cross-members, which means they can easily become caught on obstacles, bringing the vehicle to a halt and potentially causing damage; Land Cruiser's slanted cross-member is shaped so that it can slide up and over such hazards.

The vehicle is engineered to excel over sand, rocks or any other demanding conditions it might encounter; giving maximum traction at all times to deliver the level of off-road performance for which the model is world-renowned. Its proven permanent four-wheel drive system uses a Torsen limited slip differential in the centre differential and a shift actuator which makes for easier shifting between the high and low ranges in the six-speed manual transmission.

## 2.8 turbodiesel engine

Land Cruiser Commercial joined the passenger car version in gaining a new, more powerful 2.8-litre turbodiesel engine in autumn 2020. This is a 2,755cc 16-valve DOHC unit which develops 201bhp/150kW at 3,000rpm. Matched in the Utility models to a six-speed manual transmission, it produces a maximum of 420Nm, available from 1,400 to 3,400rpm. It will accelerate the vehicle from rest to 62mph in 11.2 seconds, and on to a 108mph top speed. The Active models use a six-speed automatic transmission, giving the same power output but with torque increased to 500Nm. The 0-62mph is cut to 9.9 seconds. With the benefit of a stop-start system, engine efficiency is improved: in spite of the hike in power, fuel economy is slightly enhanced, while there is only a small change in CO<sub>2</sub> output. Emissions and fuel consumption data are given in the technical specifications below.

### Timeline and UK sales

YEAR	MONTH	EVENT
1951		First generation Land Cruiser launched in Japan, originally known as the BJ.
1952		Land Cruiser becomes first Toyota passenger car to be exported from Japan.
1959		Land Cruiser becomes the first Toyota model to be manufactured outside Japan, in Brazil.
1975		First official Land Cruiser sales in the UK.
2009	September	The <a href="#">all-new Land Cruiser</a> is unveiled at the Frankfurt motor show. UK customer order books open with first deliveries from December.
2015	July	A new <a href="#">2.8-litre D-4D engine</a> is introduced, replacing the previous 3.0-litre unit and available with a new six-speed automatic transmission.
2018	January	A revised Land Cruiser is launched with new exterior and interior styling and a new Utility entry grade. Subsequently a Land Cruiser Commercial Utility model is introduced, in short and long-wheelbase formats.

Sales in UK markets in 2020: 172

Cumulative UK sales since launch (2018): 371

## LAND CRUISER COMMERCIAL TECHNICAL SPECIFICATIONS

<b>ENGINE</b>		<b>2.8 D-4D</b>	
Engine type		Four cylinders in-line	
Displacement (cc)		2,755	
Valvetrain		16-valve DOHC	
Fuel injection type		Common rail	
Emissions level		Euro 6	
Bore x stroke (mm)		92 x 103.6	
Compression ratio		15.6:1	
Max power (bhp/DIN hp/kW @ rpm)		201/204/150 @ 3,400	
Max torque (Nm/rpm)	Manual	420 @ 1,400 – 3,400	
	Automatic	500 @ 1,600 – 2,800	
<b>TRANSMISSION</b>			
Type		6MT	6AT
Ratios	1 <sup>st</sup>	4.171	3.600
	2 <sup>nd</sup>	2.190	2.090
	3 <sup>rd</sup>	1.488	1.488
	4 <sup>th</sup>	1.193	1.000
	5 <sup>th</sup>	1.000	0.687
	6 <sup>th</sup>	0.799	0.580
	Reverse	3.607	3.732
<b>PERFORMANCE</b>			
Acceleration 0-62mph (sec)		11.2	9.9
Max. speed (mph)		108	108
<b>FUEL CONSUMPTION &amp; EMISSIONS (WLTP)</b>			
Combined cycle fuel consumption (mpg)		27.08-29.43 SWB 27.08-28.82 LWB	27.72-31.04 SWB 27.72-30.05 LWB
CO <sub>2</sub> emissions – combined cycle (g/km)		252-274 SWB 258-274 LWB	240-267 SWB 247-274 LWB
Fuel tank capacity (l)		87	
Insurance groups		TBA	TBA
<b>SUSPENSION</b>			
Front		Double wishbone	
Rear		Four-link with lateral rod	
<b>BRAKES</b>			
Front		Ventilated discs	
Rear		Ventilated discs	
<b>TYRES AND WHEELS</b>			
Wheels		17in	
Tyres		245/70R17	
<b>OFF-ROAD PERFORMANCE</b>			
Approach angle (°)		31	
Departure angle (°)	3-door	26	
	5-door	25	
Ramp angle (°)	3-door	22	
	5-door	22	

Side angle limit (°)		42
Climbing angle limit (°)		42
Minimum running ground clearance (mm)	3-door	205
	5-door	215
Wading depth (mm)		700
<b>DIMENSIONS</b>		
Overall length (mm)	3-door	4,395
	5-door	4,840
Overall width (mm)		1,885
Overall height (mm)	3-door	1,830
	5-door	1,845
Wheelbase (mm)	3-door	2,450
	5-door	2,790
Front overhang (mm)		975
Rear overhang (mm)	3-door	970
	5-door	1,075
Front track (mm)		1,585
Rear track (mm)		1,585
Turning radius – tyre (m)	3-door	5.2
	5-door	5.8
Load area capacity, all seats up, loaded to roof (l)	3dr	1,574
	5dr	2,216
<b>WEIGHTS</b>		
Kerb weight (kg)	3-door	1,975
	5-door	2,225
Payload (kg)	3dr	488 – 593
	5dr	661 – 756
Gross vehicle weight (kg)	3-door	2,600
	5-door	2,930
Towing capacity – braked (kg)		3,000
Towing capacity – unbraked (kg)		750

## LAND CRUISER COMMERCIAL EQUIPMENT SPECIFICATIONS

<b>SAFETY</b>	<b>UTILITY</b>	<b>ACTIVE</b>
Two-stage driver and passenger airbags	✓	✓
Driver's knee airbag	✓	✓
Front side airbags	✓	✓
Curtain airbags	✓	✓
ABS	✓	✓
Electronic Brakeforce Distribution (EBD) and Brake Assist (BA)	✓	✓
Active Traction Control (A-TRC)	✓	✓
Vehicle Stability Control (VSC)	✓	✓
Front seatbelt pretensioners with force limiters	✓	✓
Dual-stage front passenger seatbelt reminder system	✓	✓
Anti-whiplash active front headrests	✓	✓
Trailer Sway Control (LWB model only)	✓	✓
Tyre Pressure Warning System	✓	✓
Hill-start Assist Control	x	✓
Downhill Assist Control	x	✓
<b>OFF ROAD &amp; HANDLING</b>	<b>UTILITY</b>	<b>ACTIVE</b>
Permanent 4WD	✓	✓
Centre Torsen Limited Slip Differential (LSD)	✓	✓
High/Low gear range	✓	✓
<b>COMFORT AND CONVENIENCE</b>	<b>UTILITY</b>	<b>ACTIVE</b>
Cruise control	✓	✓
Smart entry and push-button start	✓	✓
Digital instrumentation	✓	✓
4.2in colour TFT multi-information screen	✓	✓
Air conditioning	✓ SWB	✓ SWB
Dual-zone automatic air conditioning	✓ LWB	✓
Manual steering column adjustment	✓	✓
Power steering	✓	✓
Power front windows with anti-trap function	✓	✓

Automatic headlights with follow-me-home function	✓	✓
Reversing camera	x	✓
Rear parking sensors	x	✓
Illuminated entry	✓	✓
Tailgate release button key fob	✓	✓
Manual headlight levelling	✓	✓
Lockable glove box with interior light	✓	✓
Sunglasses holder	✓	✓
Door pockets with bottle holders	✓	✓
Front cup holders	✓	✓
<b>SEATING, UPHOLSTERY &amp; TRIM</b>	<b>UTILITY</b>	<b>ACTIVE</b>
Manual driver seat adjustment	✓	✓
Manual lumbar support	✓	✓
Cloth upholstery	✓	✓
Driver's armrest	✓	✓
Silver centre console trim	✓	✓
<b>AUDIO, NAVIGATION AND ENTERTAINMENT</b>	<b>UTILITY</b>	<b>ACTIVE</b>
Bluetooth	✓	✓
RDS radio / CD player with six speakers	✓	✓
Steering wheel-mounted audio, phone and Bluetooth controls	✓	✓
Toyota Touch 2 multimedia system with 8in display	x	✓
DAB radio	✓	✓
Navigation system	x	Opt
Smartphone integration with Apple CarPlay/Android Auto	x	✓
<b>SECURITY</b>	<b>UTILITY</b>	<b>ACTIVE</b>
Remote central locking with double lock facility	✓	✓
Auto door locking	✓	✓
Transponder engine immobiliser	✓	✓
Remote alarm with perimeter and microwave interior protection	✓	✓
Glass break and tilt sensors	✓	✓

EXTERIOR AND BODY	UTILITY	ACTIVE
Black door handles and mirrors	✓	✓
Body-colour door handles and mirrors	x	✓
Black upper front grille	✓	✓
Mudflaps front and rear	✓	✓
Colour keyed front and rear bumpers	✓	✓
Black roof rails	✓	✓
Aluminium scuff plates	✓	✓
17in steel wheels with silver wheel caps	x	Opt
17in 6-spoke silver alloy wheels	✓	✓
Full size spare wheel	✓ (LWB)	✓ (LWB)
Tyre repair kit	✓ (SWB)	✓ (SWB)
Electrically adjustable, heated and retractable mirrors with integrated turn indicators	✓	✓
LED rear combination lights	✓	✓
LED daytime running lights	✓	✓
LED front fog lights with chrome surrounds	✓	✓
LED high-mounted brake light	✓	✓

ENDS

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