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## THE TOYOTA HILUX

### INTRODUCTION

Hilux has gained a striking new frontal design, a more powerful 2.8-litre engine option, extra equipment features, added comfort and improvements in performance both on and off-road. The mid-life upgrades strengthen the world-famous pick-up's appeal with a growing number of customers who need a vehicle that's right for both their business and leisure needs.

At the top of the range, the GR Sport II and Invincible X grades come with additional strong styling elements, high-quality interiors and premium equipment features, combined with all the toughness and go-anywhere capability that have made Hilux one of the world's best-known and most popular pick-ups.

Since the original model was launched in 1968, Hilux has time and again proved its unstoppable character, conquering the North Pole, Antarctica and Icelandic volcanoes and, in competition form, winning the gruelling Dakar rally in 2019 and 2022.

### POWERTRAIN

- 201bhp 2.8-litre turbodiesel engine, available for Invincible, Invincible X and GR Sport II models
- Six-speed manual or upgraded six-speed automatic transmission
- Hilux Active and Invincible models also available with established 2.4-litre engine

### 2.8-litre engine

When it comes to a pick-up that's right for the job, looking the part simply isn't enough: you need muscle to match the looks. The Toyota Hilux is available with a powerful 2.8-litre engine that maintains its reputation as one of the most competitive and capable models in its segment.

The engine powers the top-of-the-range GR Sport II, Invincible X and (in addition to the 2.4 unit) Invincible Double Cab models and is available with a choice of automatic or manual transmission.

The DOHC 16-valve 2,755cc turbodiesel unit generates 201bhp/150kW at 3,400rpm. Maximum torque is 500Nm with a six-speed automatic transmission, available between 1,600 and 2,800rpm. With manual transmission, the figure is 420Nm, delivered between 1,400 and 3,400rpm.

There's a significant improvement in performance compared to Hilux's established 2.4-litre unit, with 0-62mph acceleration reduced by 2.1 seconds to 10.7 seconds (automatic

version). Despite the engine's larger capacity and higher output, there is only a modest difference in fuel and emissions efficiency.

Across the entire range, Hilux has a one-tonne payload capacity and the ability to tow (braked) loads of up to 3.5 tonnes.

The key to this strong balance of performance and efficiency is design and engineering details throughout the engine's construction. These include an optimised combustion chamber shape, pistons and piston rings, a DLC (diamond-like carbon) coating on the piston rings and slowing of the combustion gas flow to reduce friction and cooling losses.

There is also a two-stage oil pump that can change the oil pressure as required, reducing the pump driving force when the engine is cold or operating under light loads and the friction caused by early piston warm-up.

The exhaust gas recirculation section of the intake manifold is designed to suppress variation in the gas and intake efficiency has been improved by dispensing with the swirl control valve. Further measures have adjusted catalyst capacity and performance to ensure compliance with Euro 6d emissions regulations.

The engine is quieter, too, with less vibration thanks to detailed adjustment to the shape of the intake manifold and the catalytic converter's insulator.

### **2.4-litre diesel engine**

Hilux continues to offer the successful 2.4-litre turbodiesel unit, fitted with a fuel and emissions-reducing stop-start system (not available on the entry level Active Single Cab).

The 16-valve DOHC four-cylinder 2,393cc unit is equipped with a variable nozzle turbocharger and an intercooler. It generates 148bhp (110kW) at 3,400rpm and 400Nm maximum torque between 1,600 and 2,000rpm.

The engine benefits from a range of measures to save weight, improve combustion efficiency and reduce friction, including a resin head cover, a polyamide cylinder head cover and a thinner cylinder head structure.

The efficiency of the intake and exhaust ports and the fuel injection system has been tuned to maximise torque. Two intake ports are used in unison, according to engine speed: a tangential port that produces a high swirl flow, agitating the air/fuel mixture to achieve better combustion efficiency, and a helical port that allows for a high flow volume.

An electronically controlled, common rail fuel injection system achieves higher pressure and more advanced injection pressure control, while new-shape pistons have been introduced to

suit the combustion chamber design. Precise pilot injection, matching the state of the ambient air, takes place ahead of the main injection to reduce ignition delay, combining stable combustion (even in harsh environments) with quiet operation and high thermal efficiency.

The engine has a water-cooled exhaust gas recirculation system with an EGR cooler bypass function and the catalyst is positioned adjacent to the engine, giving cleaner performance and allowing for a reduction in its size of almost one third. Mechanical friction in the engine is minimised by a high-efficiency vacuum pump, a roller rocker-type valvetrain and a low-friction timing chain.

## **Transmissions**

Both the 2.8-litre engine and the 2.4-litre power plant are available with either six-speed manual or automatic transmissions.

Hilux's six-speed Super Intelligent Electronically Controlled – Super ECT – automatic transmission has an expanded lock-up range in fourth, fifth and sixth gear. The earlier lock-up improves the vehicle's response to throttle inputs, producing a more direct feeling of acceleration.

The automatic transmission benefits from several control systems to improve fuel economy and driving performance. High-speed Gear Effective Utilisation Control determines the availability of high-speed gears in real time, according to driving conditions. For instance, taking into account the vehicle loading and throttle setting, the system will determine whether sixth gear is available, or if the vehicle should remain in fifth to gain the best balance of power and fuel efficiency.

Deceleration Downshift Control optimises downshifts when decelerating to gain better fuel efficiency. The fuel supply is automatically cut off during periods of engine braking, unless engine speed drops to the low rpm threshold, at which point fuel injection resumes to avoid the engine stalling. Accordingly, the transmission maximises engine braking by selecting a lower gear to prevent engine speed dropping below the low rpm threshold, thus extending fuel cut-off time to gain a drastic improvement in fuel economy.

Artificial Intelligence (AI-SHIFT) Control incorporates Accelerator Immediate Close and Immediate Open Control. The former makes it easier to maintain the current gear when the accelerator is suddenly released, improving engine braking force and responsiveness when acceleration resumes. The latter performs immediate downshifts when the accelerator is pressed suddenly, improving throttle response.

The ratios in Hilux's six-speed manual transmission have been precisely determined to achieve low-speed torque delivery and high-speed fuel economy.

The shift system's supporting components use multiple bearings and bushings to produce a smooth shift change and satisfying user feedback. The gear combination has been tuned using a micrometer to achieve the smoothest possible torque transmission, with a clutch start switch in place to prevent sudden acceleration if the transmission is engaged at engine start-up.

To achieve the durability and reliability required for an off-road vehicle, the gears' shape and number of teeth are optimised for strength, and each gear has a high load tolerance.

### **Drive mode switch**

Hilux has a Drive Mode switch which lets the driver choose between Eco and Power settings. Eco mode reduces power consumption related to acceleration and heating and cooling to improve fuel economy; Power mode initiates a sharper response to throttle inputs for a more engaging driving experience.

## **DRIVING DYNAMICS**

- Hilux retains ladder-frame chassis to achieve exceptional durability and the torsional rigidity needed to master extreme off-road conditions
- Revised suspension and power steering improve on-road comfort and driveability
- Off-road performance enhanced with new automatic limited-slip differential, reduced engine idling speed, updated Vehicle Stability Control, improved accelerator response and new tyre angle monitor

There is no doubting Hilux's ability to tackle the most extreme off-road conditions, but this go-anywhere capability has to be matched by on-road composure and comfort for everyday driving. It reaps the benefits of suspension and steering revisions and the availability of an automatic limited-slip differential that improve its on-road ride and handling and its off-road controllability.

Its fundamental strength remains its body-on-frame construction, a design now rare in its segment. The ladder frame chassis is highly durable and gives Hilux the torsional rigidity to deal with the most severe twisting forces when driving over rough terrain.

## **On-road performance**

On-road comfort and drivability have been improved through changes to the suspension and power steering systems and retuning of the shock absorbers.

The rear suspension system comprises tough and durable leaf springs with twin shock absorbers, with performance revised to achieve SUV-like comfort and stability in on-road driving and a high level of off-road articulation capability.

The GR Sport II model uses monotube shock absorbers (painted red to denote the GR status) to gain superior damping performance with faster response and better heat dissipation. It also uses stiffer front springs. Compared to the standard Hilux, these upgrades deliver significant improvements in handling, including steering effort and steering angle response, straight-line performance, a flat ride and reassuring roll and rear grip feel.

Hilux's improved leaf spring design features a leaf helper contact point, with the main leaf extended by around six per cent, reduction of the vertical spring constant and optimised bushing. The rear shackle bush has a self-lubricating rubber which reduces friction and makes the suspension stroke easier. The result is a smoother ride, with less impact when driving over steps and holes in the road surface.

The variable flow control power steering gives good steering feel and helps fuel economy, with lighter steering for easier manoeuvrability at low speeds and more weight at higher speeds for better control and driver confidence. When Hilux is being driven straight ahead, with no turning angle, the system enters a standby mode, which reduces steering pump torque and helps save fuel.

## **Off-road performance**

Hilux's peerless off-road credentials have been enhanced with the addition of an automatic electronic control which replicates the effect of a mechanical limited-slip differential to give better traction and acceleration on low-grip surfaces.

The driver can activate the system with a brief press of the VSC-off switch when the vehicle is being driven in H2 two/rear-wheel drive mode. When a loss of grip is detected, it will brake the slipping wheel and direct drive torque to the opposite wheel that has traction. This feature is in addition to the Active Traction Control, which operates when the vehicle is in L4 all-wheel drive. Hilux also provides Hill Start Assist Control to help negotiate uphill slopes and, on Invincible grade models and above, Downhill Assist Control.

Further measures include a lowering of the engine's idling speed from 850 to 680rpm; accelerator response retuned for greater driver control; an update to the VSC performance;

a dedicated Variable Flow Control map for appropriate steering effort; and a tyre angle monitor.

Hilux's design supports its impressive off-road capabilities, with the Double Cab having a 310mm running ground clearance (330mm GR Sport II), approach and departure angles of 29 (30 degrees GR Sport II) and 26 degrees respectively and the ability to wade through water to a depth of 700mm.

### **Pitch and bounce control**

Toyota's Pitch and Bounce Control automatically adjusts engine torque in response to road surface conditions, reducing body pitching to give more comfortable ride and handling.

The system uses information from wheel speed sensors to determine when the vehicle's nose is lifting or dropping because of undulations in the road. When the nose lifts, the heads of people travelling in the vehicle are tilted backwards. Engine torque is momentarily reduced to compensate, reducing the degree of head movement. When the nose dips, heads are tilted forwards, so the system adds torque to compensate in a similar manner.

Although the torque adjustment is measured in extremely small quantities, it has a noticeable effect on ride and handling. Ride comfort is improved through the perception of a flatter ride caused by the reduction in body movement. Steering feel is improved around the centre line thanks to the tyres gaining better ground-holding.

## **DESIGN AND EQUIPMENT FEATURES**

- Striking design creates a stronger road presence
- Improved instrumentation with new eight-inch multimedia screen
- Toyota Touch multimedia system with faster software and screen response
- Smartphone integration with Apple CarPlay and Android Auto
- Toyota Safety Sense standard on all Hilux models

Hilux's front end has been completely redesigned with a powerfully three-dimensional trapezoidal grille and front bumper treatment, increasing its road presence and reinforcing its tough, robust, go-anywhere credentials.

The look is particularly emphatic on the Invincible X with additional wheel arch mouldings and fog light surrounds that co-ordinate with the carbon grey grille surround and satin silver

front under-run. Invincible, Invincible X and GR Sport II models have LED headlights and tail lights.

Customers can choose the Hilux body style that best suits their needs: Single Cab for a focus on work; Extra Cab, when occasional extra seating is needed; and Double Cab, with five-seat, four-door convenience, generous deck space and formidable all-wheel drive performance plus, on higher grades, SUV-like cabin comfort and accommodation.

### **Multimedia package and smartphone integration**

All versions of Hilux apart from the entry-level Active grade come with the Toyota Touch 2 multimedia system, with faster software and faster response to touchscreen commands. On the Invincible X the functionality includes satellite navigation; the GR Sport II has the Toyota Smart Connect+ multimedia system – details below.

Smartphone integration is enabled via Apple CarPlay or Android Auto, provided as standard from Invincible grade upwards.

### **Hilux equipment grades**

Hilux's grade line-up was revised for 2024 to include Active, Invincible, Invincible X and new GR Sport II versions.

Active grade models are designed and specified primarily with work duties in mind, with 17-inch steel wheels, rear diff lock and easy-care PVC upholstery (Single and Extra Cab versions). The standard spec' also provides air conditioning, automatic headlights, radio and CD player, Bluetooth and USB port.

Toyota Safety Sense is provided as standard (Pre-Collision System, Adaptive Cruise Control, Lane Departure Alert and Road Sign Assist) together with eCall, enabled by a Data Communications Module (DCM). Single, Extra and Double Cab versions are available.

Hilux Invincible features LED lights, front and rear parking sensors, automatic limited-slip differential, LED rear lights, 18-inch alloy wheels, heated front seats, auto-dimming rear-view mirror and windscreen wiper de-icer. Other key items include eight-inch multimedia touchscreen, smart entry, reversing camera and push-button start, a tailgate damper and automatic air conditioning.

The Hilux Invincible X is kitted out with a powerful body styling package, including body mouldings, exclusive front bumper and tailgate handle. In the cabin there is ambient door panel lighting and in addition to dual-tone leather upholstery, heated front and rear seats and power driver's seat adjustment. Manoeuvring over rough ground and in tight spaces is made

easier with a Panoramic View Monitor, giving a 360-degree view of the vehicle's immediate surroundings.

## **GR Sport II**

With even more powerful looks and benefiting from a series of technical adjustments, the GR Sport II celebrates Hilux's formidable heritage.

The new model has a double cab body and is powered by Hilux's proven, 2.8-litre unit driving through a six-speed automatic transmission.

This is the best-driving Hilux yet, on and off-road, thanks to the wider track, a raised ride height and improvements in handling characteristics, including a reduced roll angle and more precise steering response. There is less noise and vibration and suspension and brakes have also been revised.

The styling details include red coil springs and coloured dampers – black at the front and red at the rear, plus black overfenders. There are also new 17-inch black alloy wheels which strike a contrast with red brake callipers. They contribute to the vehicle's performance too, with a lightweight design that's aerodynamically efficient. The specification includes an aero sport bar and a soft cover for the load area. The bodywork features both black badging and the GR Sport logo.

The GR Sport II further stands out with its black G-mesh upper and lower grilles, separated by the TOYOTA name spelled out in classic style. The black detailing theme continues with the side steps, mirrors, door handles, sport bar and rear bumper. A silver front under-run and distinctive GR Sport badging complete the look.

The cabin complements the strong design with a black monochrome theme with red accents. Red seatbelts, paddle shifts and aluminium pedals reference the motorsport influence.

The sports seats are upholstered in a combination of black synthetic suede and leather with silver stitching and perforations. The GR logo is featured in the information display and instrumentation and there are new-look door trims.

## **Toyota Smart Connect+ multimedia**

The Hilux GR Sport II is fitted with the Toyota Smart Connect+ multimedia system, accessed via an eight-inch touchscreen display. Users can also connect their smartphone or tablet to the system – wired or wirelessly if using Apple CarPlay or with a wired link for Android Auto.

The multimedia package includes access to cloud-based journey navigation, which uses constantly updated real-time traffic event information for accurate and efficient route

planning. There is also an embedded navigation system that can be used when no data connection to the cloud is available.

The GR Sport II is also equipped as standard with a nine-speaker JBL premium audio system.

There is further convenience with future multimedia and safety system software tweaks or upgrades delivered seamlessly over the air, via the car's data communications module (DCM).

### **Technical enhancements**

The world-famous "go-anywhere" qualities of Hilux are strengthened with an increase in the approach angle from 29 to 30 degrees and higher ground clearance, achieved by raising the ride height by 20mm and widening the front and rear tracks, by 140mm and 150mm respectively.

Improved aerodynamic performance is achieved with a new front "air curtain" structure that includes a new bumper and fog lamp bezel designs that optimise drag efficiency and reduce turbulence in the wheel arches, plus an aero-styled sport bar and deck cover.

Measures to gain a smoother and more stable ride over any terrain include new monotube dampers in place of the previous twin-tube units. These provide better performance and faster response in tough conditions.

The new, lighter 17-inch wheels are fitted with all-terrain tyres; superior braking performance is secured with larger front discs and new rear discs in place of the previous drums.

### **Accessories**

The Hilux equipment grades are just the start of the story: customers can choose from dozens of accessories and different deck covers to customise their vehicle to their personal taste and requirements.

Examples of the items on offer include skid plates, scuff plates, a full front guard, wing protectors, tubular or flat side steps, a resin sport bar or stainless steel high-over bar and towing equipment. The load deck accessories include a bed liner, a selection of hard tops and aluminium roll covers.

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

In common with every new Toyota, Hilux 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).

In common with all other Toyota Professional light commercial vehicles, new Hilux models come with five years' free roadside assistance.

## TOYOTA HILUX TIMELINE AND UK SALES

YEAR	MONTH	EVENT
1972		Hilux is introduced to the UK market.
2004	February	ABS and driver's airbag made standard on all Hilux models.
	July	The Invincible model is added to the range.
2005	October	All-new seventh generation Hilux launched in the UK.
2006	November	The Extra Cab model is introduced, together with the 2.5 D-4D 120 engine.
2007	January	The 3.0 D-4D 170 is added to the range; all engines now meet Euro IV emissions standards.
	May	Hilux becomes the first car to be driven to the Magnetic North Pole, driven by Jeremy Clarkson and James May for the BBC Top Gear television programme.
2008	July	Toyota launches Hilux Invincible 200, a limited edition model. A Toyota Motorsport diesel engine performance kit increases output to 195bhp, making the Invincible 200 Britain's most powerful production pick-up
2008	November	Introduction of first 2009 model year Hilux.
2009	January	3 Toyota Hilux driven to South Pole as ski race support vehicles
	November	2010 model year Hilux announced with increased power and torque from revised 2.5 D-4D engine.
2011	October	2012 Hilux launched with Euro 5-compliant engines. New front-end styling and revised interior, plus introduction of Toyota Touch and Go with Bluetooth and rear-view camera.
2013	December	Introduction of 2014 Hilux with Toyota Touch 2 and new grade names – Active, Icon and Invincible.
2015	February	The Invincible X is introduced, adding extra styling/personalisation elements to the Invincible specification.
2016	March	An all-new eighth generation Hilux is unveiled at the Geneva motor show. Powered by a new Global Diesel 2.4-litre engine, it taller and wider and offers tougher off-road performance.
	April	Hilux UK specifications and prices are released.
	July	First deliveries of Hilux to UK customers.
	December	Hilux wins best pick-up title in the Commercial Fleet Awards.
2018	April	The new Hilux Invincible X and Limited Edition are presented at the Commercial Vehicle Show. The Arctic Trucks AT35 prepares for its UK sales debut.

	October	Toyota and Arctic Trucks create a new Invincible 50 Limited Edition Hilux to mark the model's 50 <sup>th</sup> anniversary.
2019	January	A highly modified Hilux wins the Dakar Rally, entered in the event by Toyota Gazoo Racing South Africa.
	October	Improved Toyota Safety Sense available on all versions; new smoked chrome exterior details for Invincible X; and new stop-start engine function on higher grade models.
2020	November	A new Hilux is introduced with revised frontal styling, a more powerful 2.8-litre engine, improved on and off-road handling and new equipment features.
2022	January	A Toyota Hilux wins the Dakar Rally, driven by Nasser Al-Attiyah and co-driver Mathieu Baumel.
	Summer	The GR Sport model joins the Hilux line-up.
2023	October	Hilux GR Sport II is announced.
2024	May	Ordering opens for the new GR Sport II.

Sales in UK markets in 2023: 10,887

Cumulative UK sales since launch (1972): 196,110

## TOYOTA HILUX TECHNICAL SPECIFICATIONS

<b>ENGINE</b>		<b>2.4-litre diesel</b>		<b>2.8-litre diesel</b>	
Engine code		2GD-FTV		1GD-FTV	
Type		4-cylinder in-line		4-cylinder in-line	
Valve mechanism		16-valve DOHC		16-valve DOHC	
Displacement (cc)		2,393		2,755	
Bore x stroke (mm)		92.0 x 90.0		92.0 x 103.6	
Compression ratio		15.6:1		15.6:1	
Max. power (bhp/DIN hp/kW @ rpm)		148/150/110 @ 3,400		201/204/150 @ 3,000 – 3,400	
Max. torque (Nm @ rpm)		400 @ 1,600 – 2,000		500 @ 1,600 – 2,800 (6AT) 420 @ 1,400 – 3,400 (6MT)	
<b>TRANSMISSION</b>		<b>6MT</b>		<b>6AT</b>	
Gear ratios	1 <sup>st</sup>	4.784	3.600	4.784	3.600
	2 <sup>nd</sup>	2.423	2.090	2.423	2.090
	3 <sup>rd</sup>	1.443	1.488	1.443	1.488
	4 <sup>th</sup>	1.000	1.000	1.000	1.000
	5 <sup>th</sup>	0.777	0.687	0.826	0.687
	6 <sup>th</sup>	0.643	0.580	0.643	0.580
	Reverse	4.066	3.732	4.066	3.732
Differential gear ratio (final drive)		3.583	4.100	3.583	3.909
<b>BRAKES</b>					
Front		Ventilated discs with fixed calliper, 4-piston			
Rear		Leading-trailing drums			
Additional features		ABS, BA, EBD, VSC, TSC, A-TRC, DAC, HAC			
<b>SUSPENSION</b>					
Front		Double wishbone			
Rear		Leaf springs, rigid axle			
<b>STEERING</b>					
Type		Rack and pinion			
Power steering		Hydraulic			
Min. turning radius (m)	Tyre	6.4			
	Body	6.7			
<b>PERFORMANCE</b>		<b>2.4 diesel</b>		<b>2.8 diesel</b>	
		<b>6MT</b>	<b>6AT</b>	<b>6MT</b>	<b>6AT</b>
Max. speed (mph)		106	106	109	109
0-62mph (sec)		13.23	12.75	10.13	10.7
<b>FUEL CONSUMPTION, EMISSIONS &amp; INSURANCE</b>		<b>2.4 diesel</b>		<b>2.8 diesel</b>	
		<b>6MT</b>	<b>6AT</b>	<b>6MT</b>	<b>6AT</b>
Fuel consumption – combined, WLTP data (mpg)		28.7 – 31.7	28.9 – 30.1	31.3 – 33.2	28.6 – 30.1

CO <sub>2</sub> emissions – combined, WLTP data (g/km)		234 - 259	241 - 257	223 - 236	242 - 259
Fuel tank capacity (l)		80			
Insurance groups		41 – 49D			
<b>WEIGHTS</b>		<b>2.4 diesel</b>		<b>2.8 diesel</b>	
		<b>6MT</b>	<b>6AT</b>	<b>6MT</b>	<b>6AT</b>
Kerb weight (kg)	Single Cab	1,875-2,130	-	-	-
	Extra Cab	2,075-2,280	-	-	-
	Double Cab	2,105-2,325	2,110-2,325	2,120-2,335	2,125-2,340
Gross Vehicle Weight (kg)	Single Cab	3,080	-	-	
	Extra Cab	3,150	-	-	
	Double Cab	3,210		3,210	
Payload (kg)	Single Cab	1,205	-	-	
	Extra Cab	1,075	-	-	
	Double Cab	1,105		1,015	1,010
<b>TOWING CAPACITY</b>					
Braked (kg)		3,500	3,500	3,500	3,500
Unbraked		750	750	750	750
<b>EXTERIOR DIMENSIONS</b>		<b>S/CAB</b>	<b>E/CAB</b>	<b>D/CAB</b>	
Overall length (mm)		5,325	5,325	5,325	
Overall width (mm)		1,800	1,855	1,855 1,900 Invincible X	
Overall height (mm)		1,795	1,810	1,815 1,865 Invincible X	
Wheelbase (mm)		3,085	3,085	3,085	
Front track (mm)		1,500	1,540	1,540 1,680 GR Sport II	
Rear track (mm)		1,510	1,550	1,550 1,700 GR Sport II	
Front overhang (mm)		990	985	985	
Rear overhang (mm)		1,255	1,255	1,255	
Min. running ground clearance (mm)		277	289	310 330 GR Sport II	
Angle of approach (deg)		29	29	29 30 GR Sport II	
Angle of departure (deg)		25	26	26	
Wading depth (mm)		700			
Drag coefficient (Cd, dependant on vehicle specification)		0.394	0.394	0.394	
<b>INTERIOR DIMENSIONS</b>		<b>S/CAB</b>	<b>E/CAB</b>	<b>D/CAB</b>	
Interior length (mm)		1,697	1,404	1,697	
Interior width (mm)		1,480	1,481	1,480 (front) 1,410 (rear)	
Interior height (mm)		1,170	1,168	1,170	

Couple distance (mm)	n/a	n/a	841
Headroom (mm)	997	997 (front) 969 (rear)	997 (front) 969 (rear)
<b>DECK DIMENSIONS</b>	<b>S/CAB</b>	<b>E/CAB</b>	<b>D/CAB</b>
Length (mm)	2,315	1,808	1,525
Max. width (mm)	1,575	1,540	1,540
Height (mm)	480	480	480
<b>WHEELS &amp; TYRES</b>			
Wheels	17in steel, 17 or 18in alloy		
Tyres	265/65R17 – Active & GR Sport II 265/60R18 – Invincible & Invincible X		

*These specifications are intended as a guide for media. Customers wishing to check the specification of a specific model should check details with their Toyota Centre or visit [www.toyota.co.uk](http://www.toyota.co.uk).*

<b>SAFETY</b>	<b>ACTIVE</b>	<b>INVINCIBLE</b>	<b>INVINCIBLE X</b>	<b>GR SPORT II</b>
Toyota Safety Sense: Pre-Collision System with pedestrian and cyclist detection, Adaptive Cruise Control, Lane Departure Warning, Road Sign Assist	✓	✓	✓	✓
Driver and front passenger airbags	✓	✓	✓	✓
Front side airbags	✓	✓	✓	✓
Curtain airbags	✓	✓	✓	✓
Driver's knee airbag	✓	✓	✓	✓
Isofix child seat anchors	✓ D/Cab only	✓	✓	✓
Headlamp levelling	✓ manual	✓ auto	✓ auto	✓ auto
ABS	✓	✓	✓	✓
Emergency Brakeforce Distribution	✓	✓	✓	✓
Brake Assist	✓	✓	✓	✓
Vehicle Stability Control	✓	✓	✓	✓
Trailer Sway Control	✓	✓	✓	✓
Downhill Assist Control	✗	✓	✓	✓
Active Traction Control	✓	✓	✓	✓
Hill-start Assist Control	✓	✓	✓	✓
Load sensing proportioning and bypass valve (LSP&BV)	✓	✓	✓	✓
eCall emergency alert	✓	✓	✓	✓
<b>TRANSMISSION</b>	<b>ACTIVE</b>	<b>INVINCIBLE</b>	<b>INVINCIBLE X</b>	<b>GR SPORT II</b>
4WD Auto Disconnecting Differential (ADD)	✓	✓	✓	✓
Locking rear differential	✓	✓	✓	✓
Automatic limited-slip differential	✗	✓	✓	✓
Paddle shifts	✗	✗	✗	✓
<b>INSTRUMENTS &amp; CONTROLS</b>	<b>ACTIVE</b>	<b>INVINCIBLE</b>	<b>INVINCIBLE X</b>	<b>GR SPORT II</b>
Headlamp warning buzzer	✓	✓	✓	✓
Tachometer	✓	✓	✓	✓
Fuel heater	✓	✓	✓	✓
Clock	✓	✓	✓	✓
Data Communication Module	✓	✓	✓	✓
<b>COMFORT &amp; CONVENIENCE</b>	<b>ACTIVE</b>	<b>INVINCIBLE</b>	<b>INVINCIBLE X</b>	<b>GR SPORT II</b>
Power steering	✓	✓	✓	✓

Smart entry and start	x	✓	✓	✓
Automatic headlights	✓	✓	✓	✓
Follow-me-home headlight function	✓	✓	✓	✓
Illuminated entry system	✓	✓	✓	✓
Variable-rate windscreen wiper	✓	✓	✓	✓
Auto-dimming rear-view mirror	x	✓	✓	✓
Heated rear window	✓	✓	✓	✓
Power windows	✓	✓	✓	✓
Auto up/down window functions	x	✓	✓	✓
Tilt and reach-adjustable steering column	✓	✓	✓	✓
Auxiliary switches on steering wheel	✓	✓	✓	✓
Locking glove box	✓	✓	✓	✓
Cooled upper glove box	✓	✓	✓	✓
Centre console with storage and armrest lid	✓	✓	✓	✓
12V accessory socket	✓ (x1)	✓ (x2)	✓ (x2)	✓ (x2)
Windscreen wiper de-icer	x	✓	✓	✓
Front and rear parking sensors	x	✓	✓	✓
Rear-view camera	x	✓	✓	✓
Panoramic View Monitor	x	x	✓	✓
Ambient interior door panel lighting	x	x	✓	✓
<b>AUDIO, INFORMATION AND ENTERTAINMENT</b>	<b>ACTIVE</b>	<b>INVINCIBLE</b>	<b>INVINCIBLE X</b>	<b>GR SPORT II</b>
Audio system AM/FM, CD & Bluetooth – 4 speakers	✓	x	x	x
Toyota Touch 2 multimedia with 8in touchscreen	x	✓	✓	x
Toyota Smart Connect+ multimedia system	x	x	x	✓
4.2in colour multi-information display	✓	✓	✓	✓
Bluetooth	✓	✓	✓	✓
CD player	✓	x	x	x
4 audio speakers	✓**	x	x	x
6 audio speakers	x	✓	✓	x
JBL premium audio with 9 speakers	x	x	x	✓
DAB	x	✓	✓	✓
Satellite navigation	x	x	✓	✓
Smartphone integration via Apple CarPlay and Android Auto	x	✓	✓	✓
USB port	✓	✓	✓	✓
<b>VENTILATION</b>	<b>ACTIVE</b>	<b>INVINCIBLE</b>	<b>INVINCIBLE X</b>	<b>GR SPORT II</b>
Air conditioning – manual	✓	x	x	x
Air conditioning – automatic	x	✓	✓	✓
Pollen filter	✓	✓	✓	✓
Rear passenger footwell heating	x	✓	✓	✓
<b>SECURITY</b>	<b>ACTIVE</b>	<b>INVINCIBLE</b>	<b>INVINCIBLE X</b>	<b>GR SPORT II</b>
Remote central locking	✓	✓	✓	✓
Locking tailgate	✓	✓	✓	✓

Engine immobiliser	✓	✓	✓	✓
<b>SEATING, UPHOLSTERY &amp; TRIM</b>	<b>ACTIVE</b>	<b>INVINCIBLE</b>	<b>INVINCIBLE X</b>	<b>GR SPORT II</b>
Number of seats	4	5	5	5
Tip-up rear seat	✓ D/Cab only	✓	✓	✓
Heated front seats	x	✓	✓	✓
Heated rear seats	x	x	✓	✓
Height-adjustable driver's seat	x	✓	✓	✓
Power driver's seat adjustment	x	x	✓	✓
60:40 tip-up rear bench	x	✓	✓	✓
Durable fabric upholstery	✓ D/Cab only	x	x	x
Premium fabric upholstery	x	✓	x	x
Dual-tone leather upholstery	x	x	✓	x
Combination synthetic suede/leather upholstery	x	x	x	✓
Red seatbelts	x	x	x	✓
Leather steering wheel with audio controls and leather gear shift trim	x	✓	✓	✓
Carpet floor covering	✓ D/Cab only	✓	✓	✓
<b>EXTERIOR &amp; BODY</b>	<b>ACTIVE</b>	<b>INVINCIBLE</b>	<b>INVINCIBLE X</b>	<b>GR SPORT II</b>
Exterior deck lashing hooks	x	x	x	x
Interior deck lashing hooks	✓	✓	✓	✓
Soft load space cover	x	x	x	✓
Cab protector/ladder rack	✓	x	x	x
Scuff plates	x	✓	✓	✓
Front and rear mudguards	✓	✓	✓	✓
Front spoiler	x	✓	✓	✓
LED headlights	x	✓	✓	✓
LED tail lights	x	✓	✓	✓
LED front fog lamps	x	✓	✓	✓
Daytime running lights	✓	✓ (LED)	✓ (LED)	✓ (LED)
Electrically adjustable, heated door mirrors with integrated turn indicators	✓*	✓	✓	✓
Power-folding door mirrors	x	✓	✓	✓
Black door handles & door mirrors	✓	x	x	✓
Grey door handles & door mirrors	x	✓	x	x
Chrome door handles & door mirrors	x	x	✓	x
Body colour front bumper	✓	✓	✓	✓
Dark grey rear bumper	✓	x	✓	x
Black rear bumper	x	x	x	✓
Chrome rear bumper	x	✓	x	x
Black painted lower grille	x	✓	✓	x
Black painted upper grille	x	✓	x	x

Black upper & lower grilles with G-mesh pattern	x	x	x	✓
Dark grey painted upper grille	x	x	✓	x
Side steps (black)	x	✓	✓	✓
Black overfenders	x	x	x	✓
Underbody protection cover	✓	✓	✓	✓
Tailgate damper	x	✓	✓	✓
Rear privacy glass	x	✓	✓	✓
Headlamp cleaners	x	✓	✓	✓
17-inch steel wheels	✓	x	x	x
17-inch black alloy wheels	x	x	x	✓
18-inch alloy wheels	x	✓	✓	x
All-terrain tyres	✓	x	x	✓
Highway terrain tyres	x	✓	✓	x
Full-size spare wheel	x	✓	✓	✓
Metallic/pearlescent paint	Opt	Opt	Opt	Opt

\* Without turn indicators on Single Cab model. \*\* Two audio speakers in Single Cab model.

\*\*\*Exterior lashing hooks on Single Cab model.

*These specifications are intended as a guide for media. Customers wishing to check the specification of a specific model should check details with their Toyota Centre or visit [www.toyota.co.uk](http://www.toyota.co.uk).*

**ENDS**

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