

TOYOTA PROACE VAN

Toyota has extended customer choice and opening up a completely new market proposition with its all-new range of Proace Vans. A choice of two grades, three body sizes and two wheelbase lengths are available, together with different body styles that take Proace Van into all areas of the medium duty van (MDV) segment for the first time.

The line-up introduces the first Proace Van Compact, which provides the cargo capacity of a medium-size van within the footprint of a compact van (CDV). A combi version seating up to nine and a platform cab ready for conversions will be available in a range that greatly extends Proace Van's established market reach. The Crew Cab provides a useful balance of extra seating – a rear three-seat bench – plus practical load space.

From launch the UK range features 94bhp/70kW and 114bhp/85kW 1.6-litre diesel engines – the latter with stop and start fuel and emissions-saving technology and a six-speed manual transmission - and a 121bhp/90kW 2.0-litre diesel (which also features stop and start).

Specification highlights include three front seats (including Compact) and the availability of a new Smart Cargo system, initially as an option on all models, which features an opening bulkhead and lifting front passenger seat base to increase load length capacity by 1.16m and overall load volume by an extra half a cubic metre.

The all-new Toyota Proace Van is well-placed to take advantage of the strong recovery in the European LCV market in recent years, where sales volumes rose by more than 12 per cent in 2015. Toyota expects European sales to reach 2.2 million in 2016. Medium duty vans such as Proace account for around 28 per cent of sales, approximately 640,000 units.

The new Proace Van is sold in the UK with the benefit of a five-year/100,000-mile warranty, with unlimited mileage for the first year.

UK range

GRADE	BODY LENGTH	POWERTRAIN
Base	Compact	1.6D 94bhp 5MT
Base	Medium	1.6D 94bhp 5MT

Base	Medium	1.6D 114bhp 6MT
Base	Medium	1.6D 121bhp 6MT
Base	Long	1.6D 121bhp 6MT
Comfort	Compact	1.6D 94bhp 5MT
Comfort	Medium	1.6D 94bhp 5MT
Comfort	Medium	1.6D 114bhp 6MT
Comfort	Medium	2.0D 121bhp 6MT
Comfort	Long	2.0D 121bhp 6MT

Design and Packaging

Proace Van's strong new frontal design clearly marks it out as a member of the contemporary Toyota family. It is available in a choice of three body sizes: Compact, Medium and Long.

The Compact is the shortest model in the MDV segment – shorter even than some CDV models – measuring 4,606mm long with a 2,925mm wheelbase. Its 11.3-metre turning circle makes it highly manoeuvrable for use in built-up areas.

Proace Van Compact is available as a panel van with three front seats and a cargo bay measuring 2,162mm long by 1,628mm wide, giving a load volume of 4.6m³.

The new Smart Cargo system, combining an opening front bulkhead with a lifting front passenger seat base mechanism, increases the maximum load length from 2.5 to 3.7m and total load volume to a best-in-class 5.1m³. Available as an option on all Proace Van models, it also creates additional storage space in the cabin.

The Medium version is 4,956mm long and has a 3,275mm wheelbase. When the Smart Cargo system is fitted, overall load length extends to 3,674mm and load capacity rises from 5.3 to 5.8m³. The medium-length Proace Van is available in panel, crew cab, combi and platform cab versions.

The Long version of Proace Van has the same 3,275mm wheelbase, but with an extended rear overhang that takes overall vehicle length to 5,308mm. Panel, Crew Cab and nine-seat Combi versions are offered, with the Combi available exclusively in Comfort specification. The cargo area measures 2,862mm long and 1,628mm wide, giving a load volume of 6.1m³.

Here the Smart Cargo system in the panel vans takes maximum load length to 4,026mm, increasing load capacity to 6.6m³.

With each vehicle length, Proace Van benefits from left and right side sliding doors and side-hinged rear double doors that open to 180 degrees. Maximum payload is up to 1,400kg and the braked trailer towing capacity is up to 2,500kg.

On the Medium and Long versions the side door aperture is wide enough for Euro pallets to be loaded.

The cabin is robust, functional and spacious, designed to meet the needs of both commercial and private owners. The dashboard features clear instrumentation and analogue dials with ergonomic switchgear. The driving position is car-like and affords excellent visibility, with a short-throw gear lever mounted close to the steering wheel.

UK grade structure, equipment and options

Proace Van is available in two equipment grades: Base and Comfort, with the Combi nine-seater (classed as a passenger vehicle in the UK) offered solely in Comfort specification.

The Base grade provides central remote locking with deadlocks, cruise control with speed limiter, fabric seat upholstery, driver and front passenger airbags, power windows and door mirrors, audio system with radio, DAB, USB port and Bluetooth and a tyre pressure monitor.

Comfort grade adds more sophisticated cabin acoustic treatments for a quieter environment, including an acoustic windscreen, driver's seat height adjustment, air conditioning, a cooled and illuminated glovebox and additional 12V power outlets in the glovebox and cargo area. Body colour-matched bumpers and door mirrors, front fog lamps, full wheel covers and a dashboard information display.

The standard specification for the nine-seat Combi includes three front seats, six further seats in two rows, driver's seat armrest, driver and passenger front airbags, cloth upholstery, central locking, cruise control with speed limiter, 12V dashboard power outlet, 16-inch steel wheels, tyre pressure monitor, power windows, twin sliding side doors, glazed rear doors, Vehicle Stability Control and Hill-start Assist Control. The powertrain features the 114bhp 1.6 turbodiesel engine with stop and start and a six-speed manual transmission.

A Safety and Security Pack can be specified that equips Proace with a Toyota Safety Sense package including a Pre-Collision System with Forward Collision Warning and Autonomous Emergency Braking, and Adaptive Cruise Control, together with a head-up display, cornering lights, rain-sensing windscreen wipers, dusk-sensing headlights, an auto-dimming rear-view mirror and vehicle alarm.

A Toyota Pro-Touch touchscreen multimedia system is also available for Comfort grade models as part of a premium option pack that also provides satellite navigation and 17-inch alloy wheels. A tailgate can be specified in place of the twin rear doors on medium and long Comfort versions of the Proace Van (excepting the 94bhp 1.6 diesel version).

Powertrains

The new Proace Van is available with 1.6 and 2.0-litre diesel engines with a range of power outputs and choice of different transmissions. The model is targeting best-in-class CO₂ emissions for a medium duty van, supported by the use of stop and start technology – featured in the 114bhp 1.6 unit.

The 94bhp (70kW) version of the 1.6 unit is matched to a five-speed manual gearbox (with 210Nm of torque), while a 114bhp version of the same engine drives through a six-speed manual transmission (240Nm of torque). The former generates CO₂ emissions of between 144 and 148g/km with combined cycle fuel economy of between 51.4 and 50.4mpg. The latter, benefiting from Stop and Start, produces 135 to 139g/km and achieves between 55.4 and 54.3mpg.

The 121bhp 2.0-litre turbodiesel engine is recommended for vans carrying higher payloads, thanks to its higher torque – a maximum 340Nm.

All powertrains meet Euro 6 emissions standards and are equipped with selective catalytic reduction to reduce the amount of NO_x released into the atmosphere. A 22.5-litre tank of AdBlue ensures the system will work to its optimum capability for about 9,300 miles (15,000km), with usage varying according to driving style and conditions. The tank is easy to refill, via a filler inlet on the inside of the centre pillar, accessible when the driver's door is open.

PROACE VAN TIMELINE AND UK SALES

YEAR	MONTH	EVENT
2012	October	Toyota announces the new Proace medium duty van, developed in a co-operative project with the PSA Group.
2013	April	UK range, specifications and pricing are announced.
	July	Official start of UK sales.
2015	December	Toyota and PSA Group announce they will co-operate on new LCV models, including a new Proace Van and a Proace Verso MPV.
2016	April	The new Proace Van makes its world debut at the Commercial Vehicle Show in Birmingham. The line-up includes a new Compact version and new 1.6 and 2.0-litre diesel engines. UK model range, specifications and prices are announced.
	July	Official start of UK sales of new Proace Van.
	December	Proace is named <i>What Van?</i> LCV of the Year.

UK sales in 2016: 770

Cumulative UK sales since launch (2013): 3661

TOYOTA PROACE VAN EQUIPMENT SPECIFICATIONS

SAFETY	BASE		COMFORT
	Van	Combi	
ABS with Brake Assist	✓	✓	✓
Vehicle Stability Control	✓	✓	✓
Hill-start Assist Control	✓	✓	✓
Driver and passenger airbags	✓	✓	✓
Front side airbags	✓	✓	✓
Tyre pressure monitoring system	✓	✓	✓
SECURITY	BASE		COMFORT
	Van	Combi	
Transponder immobiliser	✓	✓	✓
Locking fuel filler cap	✓	✓	✓
Deadlocks	✓	✓	✓
Remote central locking	✓	✓	✓
Full Alarm System	✗	✓	Opt
STORAGE	BASE		COMFORT
	Van	Combi	

Cooled glovebox with light	x	x	✓
Storage under passenger's bench	✓	✓	✓
MULTIMEDIA & INFORMATION	BASE		COMFORT
	Van	Combi	
4-speaker audio system with RDS stereo DAB tuner	✓	✓	✓
Bluetooth	✓	✓	✓
USB port	✓	✓	✓
Radio with DAB	✓	✓	✓
COMFORT	BASE		COMFORT
	Van	Combi	
Air conditioning	Opt	Opt	✓
Power windows	✓	✓	✓
Headlight levelling	✓	✓	✓
Reach and rake steering wheel adjustment	✓	✓	✓
Power steering	✓	✓	✓
Cruise control with speed limiter	✓	✓	✓
12V power socket in dashboard and rear	x	✓	✓
12V power socket in glove box	x	✓	✓
12V power socket on dashboard	✓	x	x
Acoustic windscreen	x	x	✓
SEATING	BASE		COMFORT
	Van	Combi	
Height-adjustable driver's seat	x	x	✓
Driver's seat lumbar support	x	x	✓
Height-adjustable front headrests	✓	✓	✓
Front passenger bench (seats two)	✓	✓	✓
Second row bench (seats three)	n/a	✓	✓ (Crew Cab)
Driver's arm rest	✓	✓	✓
Cloth upholstery	✓	✓	✓
Combination cloth and vinyl upholstery	x	x	Opt with Smart Cargo
Full plastic floor lining	x	✓	x
EXTERIOR	BASE		COMFORT
	Van	Combi	

Daytime running lights	✓	✓	✓
Twin rear panel doors – 180° opening	✓	✓	✓
Glazed tailgate with heated rear screen	✗	✓	Opt*
Right and left sliding panel doors	✓	✓	✓
Electric, heated door mirrors	✓	✓	✓
Black bumpers and door mirrors	✓	✓	✗
Body-coloured bumpers and door mirrors	✗	✗	✓
Black side protection strips	✓	✓	✗
Body coloured side protection strips	✗	✗	✓
Front fog lights	✗	✗	✓
LOAD COMPARTMENT	BASE		COMFORT
	Van	Combi	
Steel bulkhead	✓	n/a	✗
Steel bulkhead with window	Opt	n/a	✓
Smart Cargo system (standard from Oct 16 production)	Opt	n/a	Opt
WHEELS	BASE		COMFORT
	Van	Combi	
16" steel wheels	✓	✓	✓
17" alloy wheels	✗	✗	Opt
Full wheel covers	✗	✗	✓
Full size spare wheel	✓	✓	✓
OPTION PACKS	BASE		COMFORT
	Van	Combi	
Safety and Security Pack: Alarm, Forward Collision Warning, Adaptive Cruise Control, Pre-Collision System, Head-up Display, cornering lights, rain-sensing wipers, Pro Touch 7in touchscreen	✗	✗	✓
Premium Pack: 17in alloy wheels, Pro Touch 7in touchscreen, satellite navigation	✗	✗	✓

TOYOTA PROACE VAN TECHNICAL SPECIFICATIONS

POWERTRAIN	
	1.6 diesel

Type	Four cylinders in-line			
Capacity (cc)	1,560			
Bore x stroke (mm)	75 x 88.3			
Fuel system	Compression ignition			
Max. power (bhp/kW @ rpm)	94/70 @ 3,750	114/85 @ 3,750		
Max. torque (Nm @ rpm)	210 @ 1,750	300 @ 1,750		
2.0 diesel				
Type	Four cylinders in-line			
Capacity (cc)	1,997			
Bore x stroke (mm)	85 x 88			
Fuel system	Compression ignition			
Max. power (bhp/Kw @ rpm)	121/90 @ 4,000			
Max. torque (Nm @ rpm)	340 @ 2,000			
PERFORMANCE	1.6D 94bhp	1.6D 114bhp	2.0D 121bhp	
Max. speed (mph)	90	99	105	
0-62mph (sec)	15.9	13.4	13.3	
FUEL CONSUMPTION & CO₂ EMISSIONS	1.6D 94bhp	1.6D 114bhp	2.0D 121bhp	
Fuel consumption (mpg)	Urban	47.1	50.4	47.9
	Extra-urban	54.3	56.5	57.6
	Combined	51.4	54.3	53.5
CO ₂ emissions – combined (g/km)	144	137	139	
Insurance groups	36 – 43 (provisional)			
TRANSMISSION	1.6D 94bhp	1.6D 114bhp	2.0D 121bhp	
Type	5MT	6MT	6MT	
Gear ratios (km/h per 1,000rpm)	1 st	7.17	7.54	7.54
	2 nd	13.27	14.39	14.39
	3 rd	21.43	23.54	23.54
	4 th	30.13	33.42	33.42
	5 th	37.54	41.73	41.73
	6 th	-	50.76	50.76
Final drive gear ratio	0.197	0.197	0.197	
BRAKES				
Front	Ventilated discs			

Rear		Solid discs		
STEERING		Compact	Medium	Long
Type		Electro-hydraulic, rack and pinion		
Turning circle (m)	Tyre	11.3	12.4	12.4
	Body	11.8	12.9	12.9
SUSPENSION				
Front		MacPherson-type with anti-roll bar, variable stiffness springs and load-adaptive shock absorbers		
Rear		Wishbones with trailing arms, variable stiffness springs and load-adaptive shock absorbers		
EXTERIOR DIMENSIONS		Compact	Medium	Long
Overall length (mm)		4,606	4,959	5,308
Overall width (mm)		1,920	1,920	1,920
Overall height (mm)		1,910	1,940	1,950
Wheelbase (mm)		2,925	3,275	3,275
Front track (mm)		1,627	1,627	1,627
Rear track (mm)		1,600	1,600	1,600
Front overhang (mm)		881	881	881
Rear overhang (mm)		803	803	1,153
Ground clearance (mm)		150	150	150
Raised ground clearance – option (mm)		175	175	175
LOAD AREA DIMENSIONS		Compact	Medium	Long
Floor load length (mm)		2,162	2,512	2,862
Floor load length with Smart Cargo system (mm)		3,324	3,674	4,026
Mid-height load length (mm)		1,835	2,185	2,535
Max. load area height (mm)		1,397	1,397	1,397
Max. load width between vehicle sides (mm)		1,628	1,628	1,628
Max. load width between wheel arches (mm)		1,258	1,258	1,258
Load sill height – min/max (mm)		545/626	544/613	600/633
Sliding side door height (mm)		1,238	1,241	1,241
Sliding side door width (mm)		745	935	935

Rear door height (mm)	1,220	1,220	1,220
Rear door width (mm)	1,282	1,282	1,282
Commercial volume (m ³)	4.6	5.3	6.1
Commercial volume with Smart Cargo option (m ³)	5.1	5.8	6.6
WEIGHTS	Compact	Medium	Long
Front axle max. (kg)	1,500	1,500	TBC
Rear axle max. (kg)	1,500	1,500 1,800 2.0D	TBC
Kerb weight (kg)	1,510 1.6D 5MT	1,522 1.6D 5MT 1,533 1.6D 6MT 1,613 2.0D 6MT	TBC
Gross vehicle weight (kg)	2,610 1.6D 5MT	2,640 1.6D 5MT 2,660 1.6D 6MT 3,100 2.0D 6MT	TBC
Payload (kg)	1,000	1,000 – 1,400	1,400
WHEELS & TYRES			
Wheel type and size	16 or 17-inch steel		
Tyre size	215/65R16 or 215/60R17		

ENDS

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