

Product Highlights: Porsche Macan – Stronger, sharper, sportier

06/12/2021 The new Macan has arrived in Australia with more power, increased performance, and a sharper design.

Australian model range

Australia's most popular Porsche model continues its family naming, with three different model variants available in this new Macan range:

- Porsche Macan GTS (range leader)
- Porsche Macan S
- Porsche Macan

Engines

The new Macan model range is available with two petrol engines:

- A twin-turbocharged (biturbo) 2.9-litre V6 (Macan GTS, Macan S)
- A single-turbocharged 2.0-litre inline four-cylinder (Macan)

New 2.9-litre biturbo V6 engine (Macan GTS, Macan S):

In the new **Macan GTS**, this 2.9-litre (2,894 cc) biturbo unit produces a peak power level of 324 kW (440 PS*), 44 kW (60 PS) more than in the previous Macan GTS. Peak torque in the MacanGTS has increased from 520 Nm to 550 Nm (+30 Nm), available between 1,900 and 5,600 rpm, delivering exceptional acceleration.

In the new **Macan S**, this free-revving 2.9-litre biturbo V6 replaces the previous 3.0-litre single-turbo engine. It's maximum power in the new Macan S is 280 kW (380 PS*), 20 kW (26 PS*) more, and it's peak torque has grown 40 Nm to 520 Nm, which is also spread between 1,850 and 5,000 rpm for strong acceleration, especially from lower speeds.

Like all Porsche V engines, the two turbochargers in the 2.9-litre biturbo V6 are fitted between the cylinder banks in a central layout. This shortens the distance for the exhaust gases to travel between the combustion chambers to the turbocharger turbines, helping give the engine instant response.

New 2.0-litre turbocharged inline four-cylinder engine (Macan):

The new **Macan** is fitted with a newly developed 2.0-litre (1,984 cc) turbo-charged inline four cylinder engine. This new engine's larger turbocharger helps deliver 195 kW (265 PS*) of maximum power and a torque increase of 30 Nm to a peak of 400 Nm (available between 1,800 and 4,500 rpm).

This new engine features various enhancements to optimise efficiency, friction and acoustics, resulting in increased power and lower internal engine emissions.

Compared to the Macan's previous four-cylinder engine, fuel pressure has been increased to 350 bar, resulting in improved fuel distribution to each cylinder for optimised combustion, which in turn results in fewer soot particles in the combustion gases.

Modifications to the timing chain, new piston rings and a correspondingly adapted engine oil have reduced friction, resulting in improvements to refinement and efficiency.

Transmission

All-wheel drive system:

All model variants in the new Macan range use the Porsche Traction Management (PTM) all-wheel drive system. It transmits drive continuously to the vehicle's rear wheels and variably to the front wheels when needed.

The new Macan also uses Automatic Brake Differential (ABD) and anti-slip regulation.

The PTM system in the new Macan GTS uses a more dynamic set-up. It uses new PTM interaxle lock management to give priority to the rear axle when distributing drive, increasing cornering speed potential and ensuring the new Macan GTS maximises its sports car character.

The optional GTS Sports Package in the new Macan GTS includes Porsche Torque Vectoring Plus (PTV Plus), a limited slip rear differential and targeted braking interventions, enhancing dynamic performance when cornering.

Porsche Doppelkupplung (PDK) gearbox:

The new Macan range is fitted with the seven-speed Porsche Doppelkupplung (PDK) twin-clutch gearbox. It features an automatic mode as well as steering wheel-mounted gearshift paddles for when drivers want manual operation.

Chassis

Porsche's engineers have further optimised the Macan's ride and handling in this new model series.

Suspension:

The new **Macan GTS** is fitted with both height-adjustable sports air suspension and the Porsche Active Suspension Management (PASM) adaptive damper control system as standard equipment.

The suspension and damping have been further optimised for the **optional GTS Sports package**, which is available only for the Macan GTS. It receives stiffer springs (10 per cent stiffer at the front, 15 per cent at the rear), newly developed dampers, and larger anti-roll bars. Together, they reduce body pitch and roll when cornering and minimise body movement when the suspension rebounds, giving a more comfortable ride as well as sports car-like handling. Handling and performance are further enhanced with a 10 millimetre lower ride height.

The suspension in the new **Macan S** and **Macan** uses steel coil springs.

Porsche Active Suspension Management (PASM):

The new **Macan S** is fitted with the Porsche Active Suspension Management (PASM) adaptive damper control system as standard equipment. This feature is optional on the new entry-level **Macan**.

Porsche's chassis engineers have enhanced the performance of PASM with updated damper settings for the coil spring-equipped new Macan S and Macan. Initial movements are absorbed earlier and with more sensitivity. This means the springs move uniformly and body vibrations are harmonised, while body roll is reduced at the same time. This means better ride comfort and handling.

These enhancements to PASM apply to both suspension spring types (steel coil springs and air springs) in the new Macan range.

Steering:

Steering feedback has been improved in the new Macan range. Optimisations to the software in the electromechanical power steering system's electric motor have resulted in improved precision of its friction and damping modules.

The effect is better steering feel and feedback, making it easier to position the new Macan more precisely when cornering.

Brakes:

The new **Macan GTS** uses Porsche Surface Coated Brake (PSCB) discs, which measure 390 mm in diameter and 38 mm thick at the front, and 356 mm / 28 mm at the rear. These brake discs have a tungsten carbide coating, a material which is around ten times harder than grey cast iron. They offer the advantages of increased braking performance and reducing the formation of brake dust.

They are clamped by six-piston (front) and four-piston (rear) aluminium fixed monobloc calipers.

The new **Macan S** is fitted with 360 mm front brake discs (36 mm thick) and 330 mm rear discs (22 mm thick), controlled by six-piston aluminium monobloc fixed brake calipers at the front and floating brake calipers at the rear.

The new **Macan** uses four-piston aluminium fixed monobloc calipers at the front with 350 mm / 34 mm discs. The rear brakes are 330 mm / 22 mm discs with floating brake calipers.

The brake calipers on the new Macan GTS and Macan S are red in colour. The calipers on the new Macan are black.

Wheels and tyres:

The new Macan range features a new selection of wheels.

The new **Macan GTS** is fitted with 21-inch RS Spyder Design wheels in matte black. Their sizes are:

- Front: 21 x 9.5 inches with 265/40 R 21 tyres
- Rear: 21 x 10 inches with 295/35 R 21 tyres

The new **Macan S** is fitted with 20-inch Macan S wheels in highly polished Dark Titanium. Their sizes are:

- Front: 20 x 9 inches with 265/45 R 20
- Rear: 20 x 10 inches with 295/40 R 20

The **new Macan** is fitted with 19-inch Macan Design wheels. Their sizes are:

- Front: 19 x 8.5 inches with 235/55 R 19 tyres
- Rear: 19 x 9 inches with 255/50 R 19 tyres

All new Macan models come with a collapsible spare wheel.

Towing:

A towbar from the Genuine Porsche Tequipment Accessories division can be fitted to the new Macan. The new Macan comes fitted with preparation for a towbar system. Trailer Stability Management (a feature of Porsche Stability Management, or PSM) helps ensure safe towing.

The new Macan range's maximum allowable towing capacity with a braked trailer is 2,000 kg.

Design: Exterior

The new Macan's exterior reflects the Porsche design DNA.

At the front, the completely redesigned nose emphasises the new Macan's width, enhancing its athletic presence with its balanced proportions. It incorporates a new 3D design in the centre cooling air intake below the grille.

The nose panel on the new Macan GTS is finished in black while the lower front and rear aprons are finished in exterior colour.

All variants of the new Macan are fitted with both LED headlights and the Porsche Dynamic Light System (PDLS) as standard equipment. PDLS includes static and dynamic cornering lights, speed-sensitive headlight range control, adverse weather function, dynamic range control, and four-point LED daytime running.

The PDLS fitted to the range-leading Macan GTS has a black finish.

At the rear, the new Macan repeats the front's 3D elements with the diffuser, which is extended upwards and has integrated reflectors.

The tail light clusters with their three-dimensional light graphics have been integrated into a light bar.

On the new Macan GTS, the exhaust system tailpipes and the new roof spoiler in a double-wing design are finished in black, which is characteristic of Porsche's GTS models.

Along the sides, the 3D-look side blades create new highlights. They're available in 3D textured elements, Lava Black, body colour or, for the Macan GTS, in matt black with the 'GTS' logo.

The exterior mirrors have a V-shaped base in a body-coloured finish.

Underneath, the new Macan now has smaller air intakes, closed holes in the bottom of the vehicle, and improved underbody protection to improve airflow and aerodynamics.

The new Macan range is available in two standard paint colours, eight metallic colours, and three special colours (the new Macan GTS is available in four special colours, with Python green exclusive to the GTS).

Design: Interior

The interior of the new Macan range has been extensively updated.

The newly designed centre console now uses touch-sensitive surfaces in place of conventional switches.

The PDK selector lever has been shortened 15 mm.

The open stowage compartment just below the PDK shifter now has a larger capacity.

The Sport Chrono analogue clock on top of the dashboard is now a standard feature across the Macan range.

Unique to the new Macan GTS are the new specially designed round instruments, including a black rev

counter with GTS lettering.

The new Macan GTS is also fitted with the GTS leather package, which includes various interior items – such as the front and rear seat centres and the door armrests – upholstered in Race-Tex

The Porsche Communication Management (PCM) system offers full connectivity and has a permanent mobile connection via its 10.9-inch full HD touch display. Online navigation is standard, along with voice control, a WiFi hotspot and the Porsche Connect app. Apple CarPlay® with Siri® voice control are also included.

There's a new leather-upholstered multifunction sports steering wheel with gearshift paddles, and an 'M' button to activate manual gear change mode. When the optional Sport Chrono package is specified (optional on Macan and Macan S, standard on Macan GTS), the driving mode switch is located on this new sports steering wheel.

The new Macan and Macan S are fitted with 14-way electrically adjustable comfort front seats with memory package.

The Macan GTS is fitted with eight-way electric GTS sports front seats that feature the GTS logo.

The standard interior colour for the new Macan range is black, with various leather packages in different colours available.

The Macan GTS is available with its own exclusive interior colour packages.

GTS Sports Package

Also exclusive to the new Macan GTS is the GTS Sports package. It comprises:

- 21-inch GT Design wheels painted in satin Black
- Performance tyres
- Porsche Torque Vectoring Plus (PTV Plus)
- Lower valance, rear apron and SportDesign door sill guards painted in satin Black
- Side blades painted in Black (high-gloss) with 'GTS' logo in Python Green
- SportDesign exterior mirrors painted in Black (high-gloss)
- Adaptive sports seats with comfort memory package (18-way) including 'GTS' logos on front headrests
- Leather interior: GTS Python Green interior package with Race-Tex items

- Carbon interior package: dashboard decorative trims, door decorative trims front and rear
- Door sill guards in Carbon, illuminated, including loading edge protection
- Heated GT sports steering wheel with steering wheel rim in Race-Tex
- Race-Tex roof lining

Please consult the official Porsche Cars Australia online car configurator for the full specification requirements when selecting the GTS Sports package.

Performance

Macan GTS:

With the responsiveness and power delivery typical of Porsche GTS cars, the new Macan GTS accelerates from 0 to 100 km/h in 4.3 seconds with the now-standard Sport Chrono package (0.4 seconds faster than its predecessor). It's top speed of 272 km/h is 11 km/h higher than the previous model.

Macan S:

The new Macan S accelerates from 0 to 100 km/h in 4.6 seconds with the optional Sport Chrono package (previously 5.1 seconds). Top speed is 259 km/h (previously 254 km/h).

Macan:

The new Macan accelerates from 0 to 100 km/h in 6.2 seconds with the optional Sport Chrono package (previously 6.5 seconds). It can reach a top speed of 232 km/h (previously 225 km/h).

By the numbers

New Macan GTS:

- Power: 324 kW / 440 PS* (+44 kW / +60 PS*)
- Torque: 550 Nm (+30 Nm)
- 2,894cc V6 petrol engine, biturbo

New Macan S:

- Power: 280 kW / 380 PS* (+20kW / 26 PS*)
- Torque: 520 Nm (+40 Nm)
- 2,894cc V6 petrol engine, biturbo

Macan:

- 195 kW / 265 PS*
- 400 Nm (+30 Nm)
- 1,984cc inline four-cylinder petrol engine, single turbo

7-speed Porsche Doppelkupplung (PDK) transmission, Porsche Traction Management (PTM) all-wheel drive system

Top speed:

- Macan GTS: 272 km/h (11 km/h higher)
- Macan S: 259 km/h (5 km/h higher)
- Macan: 232 km/h (7 km/h higher)

0-100 km/h (with Sport Chrono package):

- Macan GTS: 4.3 seconds (0.4s faster)
- Macan S: 4.6 seconds (0.5s faster)
- Macan: 6.2 seconds (0.3s faster)

10 per cent stiffer springs (front) and 15 per cent (rear) with the GTS Sports package

10 mm lower ride height with the GTS Sports package

15 mm shorter PDK gear selector lever

In summary: The Macan, Australia's most popular Porsche model, is now stronger, sharper and sportier.

Driving comfort and dynamics

- Porsche Traction Management (PTM) active all-wheel drive with Automatic Brake Differential (ABD)
- Tyre Pressure Monitoring (TPM)
- Porsche Stability Management (PSM) – also includes these integrated control systems: ABS (anti-lock braking), ASR (anti-slip regulation for the drive wheels), ABD (automatic brake differential to control wheel slip), MSR (controls wheel slip on trailing throttle)
- Porsche Active Suspension Management (PASM) – standard on Macan GTS and Macan S, optional on Macan
- Porsche Hill Control (PHC)
- Trailer Stability Management
- Lane Departure Warning
- Automatic hold function

Audio and Communication

- Porsche Communication Management (PCM) including navigation, mobile phone preparation, audio interfaces and voice control
- WiFi hotspot and Porsche Connect services
- 150-Watt Sound Package Plus with 10 loudspeakers (Macan)

Australian standard specifications

- Collapsible spare wheel
- Apple CarPlay®
- Porsche Entry & Drive
- Lane Change Assist
- ParkAssist (front & rear) incl. Reversing Camera and Surround View
- Automatic dimming interior and exterior mirrors
- Privacy glass

- Side airbags in rear compartment
- Interior package in piano finish Black (Macan)
- 19-inch Macan Design wheel (Macan)
- 14-way electrically adjustable comfort front seats with memory package (Macan, Macan S)
- 75l fuel tank (Macan, Macan S)
- Front and rear apron painted in exterior colour (Macan S)
- Side blades with paint finish in exterior colour (Macan S)
- SportDesign side skirts (Macan S)
- Metallic paint (Macan S, Macan GTS)
- 665-Watt BOSE® Surround Sound System with 14 loudspeakers including subwoofer (Macan S, Macan GTS)Sport Chrono Package (Macan GTS)
- Driver Memory Package (Macan GTS)

Warranty and Service Pricing

- 3-year / unlimited kilometre warranty
- 1-year / 15,000 kilometre service intervals
- Service pricing varies from state to state due to different labour rates. For an indication of service pricing please visit the website of your nearest Porsche Centre.

What the press say

Full review here.

More urgent engines, and a modernised interior make evolutionary changes to the Macan range more than the sum of their parts. It's hard not to like the Porsche Macan which, even in at entry-level is an engaging and fun chariot. Arguably, it's all the Porsche most people need. That it marries a decent amount of practicality to an engaging drive experience makes for a compelling proposition.

-Rob Margeit, Drive.com.au (Full review here.)

Porsche's updated Macan comes with a dollop of more power and a few tiny tweaks – and it's still a rollicking good time

-Peter Anderson, Wheels Magazine (Full review here.)

Info

More information for consumers: here.

More information for media: here or contact press@porsche.com.au

* PS (PferdeStärke, German for horsepower) is the standard unit used in the European Union to measure the power output of a motor in 'metric horsepower

The published kilometre (km) range figures are determined by Porsche AG testing in accordance with ADR 81/02 on test vehicles assuming the battery is fully charged. Actual figures will vary as they are dependent on many factors, including without limitation: individual driving style, road and traffic conditions, environmental conditions, a vehicle's or battery's condition, load and use. Usage of specific features and accessories (eg: vehicle equipment such as air-conditioning, or wheels or tyres used etc.) can change relevant vehicle parameters such as weight, rolling resistance and aerodynamics and can also affect the range and performance values of a vehicle. CO_2 emissions can also be generated at the power source when vehicles are being recharged, unless 100% renewable energy is used. Generally, kilometre ranges will vary from the published figures in real world Australian driving and charging conditions. Published figures should only be used for the purpose of comparison between vehicles. Please contact an Official Porsche Centre to obtain specific information about vehicles and features.

Apple and Siri are registered trademarks of Apple Inc.

Image Sublines

Path: media/Images/img_1.jpg
Title: Porsche-Macan-Grey046.jpg
Subline: PDK gearshift lever

Path: media/Images/img_2.jpg
Title: Porsche-Macan-Red62.jpg
Subline: The new leather-upholstered multifunction sports steering wheel

Path: media/Images/img_3.jpg
Title: Porsche-Macan-Red20.jpg
Subline: The 21-inch RS Spyder Design wheels fitted to the Macan GTS

Path: media/Images/img_4.jpg
Title: Porsche-Macan-Blue103.jpg
Subline: Porsche Macan S

Path: media/Images/img_5.jpg
Title: Porsche-Macan-Red73.jpg
Subline: Porsche Macan GTS

Path: media/Images/img_6.jpg
Title: Porsche-Macan-Grey002.jpg
Subline: Porsche Macan

Link Collection

Link to this article
https://newsroom.porsche.com/en_AU/2021/products/porsche-macan-product-highlights-26306.html

Media Package
https://pmdb.porsche.de/newsroomzips/fdfc85c2-78c2-47f9-85fe-cab82b7b03d0.zip

External Links
https://www.porsche.com/australia/models/macan/macan-models/

Dr. Ing. h.c. F. Porsche Aktiengesellschaft
Porscheplatz 1
70435 Stuttgart