



PORSCHE



Porsche at the Geneva Motor Show 2018

Press Kit

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Fuel consumption and emissions

911 GT3 RS: fuel consumption urban 19.2 l/100 km; extra urban 9.0 l/100 km;
combined 12.8 l/100 km; CO₂ emissions 291 g/km

Porsche at the Geneva Motor Show 2018

The future and the present: Two high-calibre drive concepts celebrate their world premiere

Mission E Cross Turismo – this is the name of the spectacular study from Porsche that is being presented at the 2018 Geneva Motor Show. This vehicle represents the near future of e-mobility. But the present state of mobility is no less attractive: One of the most radical high-performance sports cars available makes its world premiere today in the form of the new 911 GT3 RS.

Mission E Cross Turismo: An electrifying study of a CUV

The Mission E Cross Turismo is the first Cross-Utility Vehicle (CUV) from Porsche and builds on the concept of the Mission E electric sports car. With its synthesis of typical Porsche sports car design and off-road features, it is a crossover vehicle that unites a host of concepts in one – including an electric drive. The Mission E Cross Turismo is just as suitable for everyday driving as it is for adventurous pursuits like mountain biking, surfing or winter sports. The vehicle's high-quality equipment is equally versatile. E-mobility from Porsche is once again synonymous with high performance in the Mission E Cross Turismo, as this vehicle delivers an output of 440 kW (600 hp), a range of over 500 kilometres and the ability to recharge for a further 400 kilometres in around 15 minutes. Like all concept vehicles from Porsche, the CUV provides an insight into a potential derivative of the Mission E saloon.

A clear focus on motorsport: The new 911 GT3 RS with 520-hp naturally aspirated engine

Traditionally, the Geneva Motor Show for Porsche has always been the pit lane from which new high-performance sports cars make their way to the start line. And this will continue in 2018: With the debut of the 911 GT3 RS, Porsche is presenting its most powerful, road-approved track sports car yet with a naturally aspirated engine. The six-cylinder flat engine with four-litre displacement produces an output of 383 kW (520 hp) with a speed range of up to 9,000 rpm. Just like the engine at the heart of the new GT model, the chassis with rear axle steering, tuned for uncompromising pre-

cision, also comes directly from motorsport. Offering even power delivery across an extreme engine speed range, lightweight body designed for optimum aerodynamic downforce and outstanding lateral dynamics, the new 911 GT3 RS is the ideal car for achieving the fastest lap times.

The Swiss market: Customers continue to favour sporty models in 2017

Last year, Porsche Schweiz AG, with its headquarters in Rotkreuz, delivered 3,621 vehicles to Swiss customers. The top-end Porsche models were particularly popular, and the Macan GTS was the most sought-after Porsche model in Switzerland. Since its market launch, the Porsche Macan remains the most successful model line in the land of the Alps with a total of 1,516 deliveries in 2017. In terms of sports cars, the high-performance GTS models were also the most popular, with the 911 Carrera 4 GTS coupé and cabriolet versions and the 911 GT3 attracting the most buyers. For the Gran Turismo models, Porsche fared well with its performance-focused hybrid technology, with 35 per cent of Panamera models delivered being ordered as plug-in hybrids.

Seventy years ago, while still a very new company, Porsche presented its first-ever Porsche model before the Swiss Grand Prix at the start of July – the car was the 356-001, the mid-engine sports car that Ferry Porsche built as the first Type 356 between 1947 and 1948. This first Porsche prototype as well as the subsequent five series-production sports cars went to Switzerland. And at the Geneva Motor Show one year later, the brand celebrated its first appearance at a motor show as an automotive manufacturer.

Concept study of the first Porsche Cross-Utility Vehicle (CUV) celebrates its world premiere

Porsche Mission E Cross Turismo: The electric high-performer for an active lifestyle

Spark for the future: The presentation of the Mission E Cross Turismo from Porsche at the Geneva Motor Show is a concept study of an electrically-powered Cross-Utility Vehicle (CUV). This all-rounder is targeted at people with an active lifestyle who like to spend their leisure time travelling, doing sports or other outdoor activities. Thanks to the all-wheel drive, any ski piste can be reached with ease, while the flexible interior has plenty of space for sports equipment of all kinds and the modern mounting systems make it easy to transport surfboards or a Porsche e-bike.

The advantages of this four-door four-seater include an emotional design with striking off-road elements as well as the new display and control concept with touchscreen displays and eye tracking. The 4.95-m-long concept vehicle is ready for charging on the 800-volt fast-charge network, and can also be charged via induction, via a charging dock or via a Porsche home energy management system. The road-ready Mission E Cross Turismo is a continuation of the Mission E study that Porsche presented at the International Motor Show (IAA) in 2015.

The design: Unmistakeable Porsche DNA

A low bonnet between powerfully curved wings: Even at first glance, the front of the Mission E Cross Turismo clearly reveals its ties with the sports car icon Porsche 911. The vertical air intakes at the front, known as "air curtains", provide one of the striking design features. Matrix LED headlights represent another style highlight. The typical Porsche four-point daytime running lights have been developed into narrow, three-dimensional glass elements. Embedded in four floating wings, these lights also feature the new four-point indicator. In addition, the vehicle benefits from the Porsche X-Sight high-performance high beam. Off-road design elements include the rugged wheel arches and door sills, the striking look of the front spoiler and rear apron, and the increased ground clearance.

The silhouette is marked by the sporty roofline that tapers towards the rear – termed the “flyline” by the Porsche designers. This feature echoes the rear of the Panamera Sport Turismo. The dynamic design of the side windows is just as typical for the Porsche style. The broad wings and three-dimensional side walls with air outlets behind the front wheels reinforce the sporty crossover character of the 1.99-m-wide concept vehicle. Distinctive side skirts with an off-road look and 20-inch wheels with 275/40 R 20 tyres are among the vehicle’s other defining features.

The study with its exclusive Light Grey Metallic paint is also immediately recognisable as a Porsche. In addition to the sporty, flow-through roof spoiler, the vehicle also features the traditional, full-length light strip. The Porsche lettering illuminated in white comprises glass letters and is embedded within a three-dimensional cover with a circuit path graphic. The “E” in the “Porsche” lettering pulsates when the vehicle is charging, and the circuit paths are brought to life by light pulses, giving customers an impressively tangible experience of the vehicle’s energy flow. The large panoramic glass roof extending from the windscreen to the tailgate delivers a generous feeling of spaciousness.

The versatility: Equipped for all mobility needs

The Mission E Cross Turismo gives an insight into how a series-production Turismo variant with cross-utility attributes could look: a vehicle that is suitable in equal measure for travelling, everyday life and adventure, and a versatile companion in the city or in the country. The crossover model is targeted at people with an active lifestyle who like to spend their leisure time doing sport or other outdoor activities. Passengers benefit from the versatility of the 1.42-m-high four-seater: A hatch is integrated into the backrests of the two individual seats in the rear, useful for loading items like skis. The backrests themselves can be folded down. In the luggage compartment, there is a rail system with adjustable and removable belts, allowing objects to be stowed quickly and securely. Away from the vehicle, Mission E Cross Turismo passengers also benefit in the form of the Porsche e-bike, which supports riders with electric power from a high-performance electric drive. This mobility concept allows Porsche customers to continue enjoying the design, technology and performance of a Porsche during their leisure time spent on two wheels.

The interior: Visible lightweight structures

The interior delivers an entirely new interpretation of classic Porsche elements and carries them into the digital age. Take the instrument panel for example: This component emphasises the width of the vehicle and consists of a wing-shaped top and bottom section. The dashboard has a clear horizontal arrangement with an ultra-wide display for the driver and front passenger. The free-standing instrument cluster is curved and inclined towards the driver, and consists of three circular display graphics, digitally displayed on TFT screens. The centre console between the front seats rises in the direction of the dashboard. Together with the ambient lighting, indirect lighting of the centre console creates a particularly unique mood.

The design elements in the interior also include visible lightweight structures, such as the dashboard and the sporty seats reminiscent of bucket-type racing seats, which feature illuminated Porsche lettering. The door panels have innovative 3D elements with a structured surface. Anodised trims around components like the air vents or the window regulator modules in Nordic Blue provide a colourful contrast to the exclusive two-tone concept of the interior with Aniline leather in Black and Light Grey.

The powertrain: Sporty e-performance thanks to over 600 hp

Two permanently excited synchronous motors with a system output of over 600 hp (440 kW) accelerate the Mission E Cross Turismo to 100 km/h in less than 3.5 seconds and to 200 km/h in under twelve seconds. This performance is in addition to a continuous power level that is unprecedented among electric vehicles: Multiple jump starts are possible in succession without loss of performance. The demand-controlled all-wheel drive with Porsche Torque Vectoring, which automatically distributes torque to the individual wheels, transfers the power to the road.

The chassis: Adaptive air suspension for comfort and agility

All-wheel steering contributes to the exemplary agility and stability of this vehicle, while the adaptive air suspension allows an increased clearance of up to 50 millimetres. Porsche Dynamic Chassis Control (PDCC) is another feature available on board. This system provides active roll stabilisation and prevents lateral inclination of the vehicle when cornering. It also reduces lateral instability on bumpy terrain.

The displays and control concept: A unique user experience

A highlight of the Mission E Cross Turismo is a new display and control concept. Intuitive operation and information such as the head-up display optimally positioned in the driver's field of vision do not distract the driver. And thanks to the new connectivity solutions, the vehicle can also be perfectly integrated into a digital lifestyle. The result is a highly unique user experience.

The most important display and control options include:

- **Driver display with eye tracking:** The instrument cluster comprises three virtual round instruments. These are assigned to the categories of Porsche Connect, Performance, Drive, Energy and Sport Chrono. Using a camera in the interior mirror, the eye-tracking system can recognise which instrument the driver is looking at. The displays that the driver is interested in are then moved to the foreground, while the others are reduced into the background accordingly as a result of looking away from them. The displays are operated using smart-touch controls on the steering wheel.
- **Passenger display:** This screen extends over the entire width of the passenger side. The passenger can operate various apps via eye tracking and touch technology, allowing access functions like media, navigation, climate control and contacts.
- **Touch control field in the centre console** with detailed information menus.
- **Small touchscreens:** These screens are situated in the multifunctional window regulator modules (for seat adjustment and seat comfort functions) as well as in the finless air vents on the right and left of the dashboard. By swiping left and right on these touchscreens, the ventilation strength can be adjusted for example.

The “smart cabin” approach simplifies operation. The vehicle settings, interior climate and ambient lighting are all automatically adjusted to the wishes of the occupants and the respective driving situation.

The driver can also access a variety of information and adjust settings away from the vehicle: All customisation options from the air-conditioning system to navigation can be set in advance via a tablet, smartphone or smartwatch.

The “DestinationsApp”: A personal travel assistant

Porsche Connect already offers more than 20 digital services and apps. In the Mission E Cross Turismo, the “DestinationsApp” demonstrates which additional benefits the digital platform may offer in the near future: Using this app, a weekend trip can be planned quickly and easily in just a few steps on a smartphone. The app suggests inspirational travel destinations, enables reservations to be made quickly and effortlessly, and handles route planning, restaurants and sports equipment. The driver can even tailor the chassis of the Mission E Cross Turismo to the selected route via the “DestinationsApp”, as well as choosing the most suitable music, climate control and ambient lighting for the journey.

Charging: Fast and effortless

The 800-volt architecture in the vehicle ensures that the lithium-ion battery is charged for a range of approximately 400 kilometres (based on the NEDC) in around 15 minutes. The concept vehicle allows flexible charging both on the move and at home, and is compatible with the fast-charging network that is being established on European roads as part of the IONITY joint venture. At the workplace, the Mission E Cross Turismo can be charged via induction technology, and at home either a charging dock or Porsche home energy management system can be used to recharge the battery. The latter option can be combined with the home’s own photovoltaic system to recharge using solar energy.

World premiere of the most powerful series-production 911 with naturally aspirated engine

A clear focus on motorsport: The new Porsche 911 GT3 RS

The Porsche motorsport department is presenting Weissach's latest treat at the Geneva Motor Show: the 911 GT3 RS with motorsport chassis and 383-kW (520-hp), four-litre, high-speed naturally aspirated engine. The new high-performance sports car is based on the 911 GT3, which has been refined still further to combine the performance-enhanced engine with a running-gear setup that features re-calibrated rear axle steering designed for maximum dynamics and precision. The 911 GT3 RS accelerates from 0 to 100 km/h in 3.2 seconds, reaching a top speed of 312 km/h. Following the launch of the 911 GT3 and the 911 GT2 RS, this latest release will see Porsche present its third GT road-approved sports car within a year.

Aerodynamics and interior based on the race trim

Aerodynamics have determined the design of the wide, weight-optimised body with its classic fixed rear wing. The racing look continues into the interior with full bucket seats made of carbon to provide secure lateral support in response to high-level driving dynamics. Lightweight door panels with storage nets and opening loops, reduced sound absorption and the new lightweight rear lid further emphasise the consistency of the material choices.

The most powerful naturally aspirated engine at 520 hp

The four-litre, six-cylinder naturally aspirated engine from Porsche in the new 911 GT3 RS pushes the sports car to new limits: The flat engine delivers 15 kW (20 hp) more than the engine in the previous model and the 911 GT3. Together with a speed range reaching up to 9,000 rpm, it was the ideal choice as a thoroughbred sports engine. Combined with the specially calibrated seven-speed PDK, the high-performance engine guarantees an outstanding driving performance.

Motorsport-inspired chassis and Clubsport package

Technology straight from motorsport ensures that the chassis offers exceptional driving dynamics. Ball joints on all arms provide even greater precision than conventional elastokinematic bearings. 20-inch lightweight wheels with newly developed 265/35 sports tyres on the front axle enhance agility and steering behaviour, while 21 inch wheels with 325/30 tyres at the rear axle improve traction.

As with all current GT sports cars, a Clubsport package is also available for the 911 GT3 RS at no extra cost. The package includes a bolted rear roll cage, a manual fire extinguisher, preparation for a battery disconnect switch and a six-point belt for a sporty driving experience.

Weissach package and magnesium wheels for additional weight savings

For particularly ambitious drivers, the Porsche motorsport department has created an optional Weissach package for a further weight reduction. The package features additional carbon components for the chassis, interior and exterior, as well as optional magnesium wheels. In its lightest configuration, this package reduces the weight of the 911 GT3 RS down to 1,430 kilogrammes.