

Perfection improved

MERCEDES-AMG GT3 & GT4



AMG
MOTORSPORT



STRIVING PERFORMANCE

Motorsport is the battle against an opponent that refuses to stand still – time. Only those who keep moving and continue developing can stand the test of time. This is also the underlying philosophy of the Mercedes-AMG Customer Racing programme. Developing the finest vehicles, offering the most comprehensive programme and providing maximum support is not enough for us. We strive every single day to surpass ourselves and to make our customers winners.

With this in mind, we present the new Mercedes-AMG GT3 and alternativ and the new Mercedes-AMG GT4. They will continue the success of our GT family into a new decade. Their road counterpart is the new Mercedes-AMG GT R PRO*, which has motorsports in its genes more than any other Mercedes-AMG standard production model.

* Urban/extra-urban/combined fuel consumption: 16.7/9.9/12.5 l/100 km; CO₂ emissions combined: 284 g/km.

For more information about the official fuel consumption and the official specific CO₂ emissions of new cars, see the “Leitfaden über den Kraftstoffverbrauch die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen” (guide regarding the fuel consumption, CO₂ emissions and electricity consumption of new cars), which is available free of charge at all sales outlets and from DAT Deutsche Automobil Treuhand GmbH (www.dat.de).



NATURAL BORN LEADER

The new Mercedes-AMG GT3 is the consequential development of one of the most successful and popular customer sports vehicles in the world.

The GT3, which was launched in 2015, has clocked up 170 race victories and immediately set new standards in terms of performance, safety, reliability, handling and ergonomics. Its successor, which was introduced in 2019, goes further in each of these areas. It establishes a new level of efficiency and user friendliness and comes with a spectacular new design.

POWER MEETS PRECISION

Maximum reliability, impressive performance and excellent driveability have been part and parcel of the Mercedes-AMG GT3 since the very beginning. It draws its power from a 6.3-litre V8 high-rev naturally aspirated engine with highly user-friendly technology.

The power is controlled by a sequential six-gear racing transmission, which allows extremely fast gear changes and which has an externally adjustable differential. The weight-optimised construction of the GT3 with an aluminium spaceframe and carbon bodywork helps to enhance its dynamic abilities.

Perfectly set up, the chassis features double wishbone axles with multi-adjustable dampers. In conjunction with the balanced weight distribution, this ensures high-precision handling. Precise feedback ensures that even less experienced drivers can quickly find confidence in the Mercedes-AMG GT3.



OUTSTANDING IN VARIOUS WAYS

Simpler, more intuitive, more effective and cost-efficient: the evolution model of the Mercedes AMG-GT3 optimises races in various ways. Its innovations ensure enhanced performance, not only for the driver, but also for the mechanics and engineers.

Setup

- Quick adjustment of rear wing and easily adjustable front splitter
- Rear track rod precisely adjustable
- Reduction of screw connections for more effective work

Assistance

- Optimised traction control for even more sensitive driving that is easy on the tyres
- Adjustable racing ABS: tailor-made for the latest generation of tyres
- Optional drop-start function when unloading from the air lifting unit

Light

- New, powerful LED headlights for optimal track illumination
- Optional high-performance additional lights for use in endurance races

Interior

- Optimised drink system for faster bottle change
- Rubberised grips on steering wheel for improved grip and more damping
- Optional seat and helmet ventilation for enhanced comfort and better concentration

Design

- New front apron, flics, front diffuser, rear apron for improved aerodynamics
- Striking dynamic look in combination with new lighting concept

Efficiency

- Optimised rebuild concepts for lower running costs
- New integral subframe and optimised vehicle front for higher protection level of engine and radiator, reduced spare parts requirement and faster parts replacement

Tracking

- World first in racing vehicles and exclusive system from Mercedes-AMG: automatic runtime tracking of components for precise recording of runtime-relevant components as well as complete transparency for parts replacement

A Mercedes-AMG GT4 race car, dark grey with orange racing stripes, is shown from a front-three-quarter perspective, driving on a racetrack. The car features a large rear wing, a front splitter, and 'AMG' branding on the hood and side. The background is a blurred racetrack with orange and white curbs.

GENTLEMEN, START YOUR ENGINES

The Mercedes-AMG GT4 is the perfect way to enter the fascinating world of GT sport. It is based on the Mercedes-AMG GT R Coupé*, which is already racking up some notable performances on the track as a production sports car. The near-series concept of the GT4 combines sophisticated racing technology with maximum safety, stability, efficiency and user friendliness.

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RACING CLASS HERO

The Mercedes-AMG GT4 is powered by a 4.0-litre V8 engine with direct injection and biturbo charging. The proven series technology of the front mid-engine enables particularly long runtime and still has enough potential power in store for the future.

In addition to its closeness to series production, the GT4 is also equipped with a safety feature that sets it apart from its competitors just as much as its thoroughbred motorsport technologies – from the airlift unit and polycarbonate glazing to the ultra-light CFRP body parts (bonnet, wings, front apron). Also specific to motorsports is the 6-gear racing transmission with externally adjustable differential.

Its chassis with double wishbone axles, adjustable rebound and compression dampers and adjustable anti-roll bars ensures precise steering behaviour and exceptional agility. The ABS is multi-adjustable and, like the AMG TRACTION CONTROL, is based on GT3 technologies.

Thanks to optimized engine cooling, the Mercedes-AMG GT4 can always deliver top-class performance even in very hot conditions. The completely new brake system featuring even more effective cooling is designed for extreme conditions. Extra-strong rear track rods and a larger brake fluid reservoir have a positive impact, particularly for endurance racing.



PERFORMANCE RELOADED

Countless victories, including in the 24 Hours Nurbürgring race, are evidence of the highest level of competitiveness and underline Mercedes-AMG's rise to become one of the leading brands in the GT4 segment. To mark the ten-year anniversary of Customer Racing in 2020, the Mercedes-AMG GT4 is getting a technology upgrade that highlights the connection to the new GT3 and the entire GT family.

Technology

- Optimized brake cooling on front axle with larger brake air inlet duct
- Semi-rigid brake air hoses with increased diameter
- New carbon brake air scoop, adapted heat shield and optimized brake caliper adapter for increased airflow
- Expanded brake fluid reservoir simplifies use in long-distance races
- New brake disks and rotors for easier installation
- Improved engine cooling thanks to new oil cooler position, carbon radiator frame and carbon gurney on the hood
- New rear track rod based on GT3 for improved durability during endurance races

Design

- Overhauled appearance with new headlights and tail lights
- Striking design of the current Mercedes-AMG GT family

Light

- New, powerful LED headlights for optimal track illumination

Drive

- Proven 4.0-litre V8 engine with direct injection and biturbo charging
- Power transmission via a sequential six-gear racing transmission with adjustable differential

Dynamics

- Precise feedback for rapid confidence building for drivers of all levels
- Racing-specific traction control and multiple-adjustable ABS based on GT3 technologies
- Neutral driving behavior for easy determination of individual track set-up efficiency

Electronics

- User-friendly and service-friendly racing electronics on GT3 basis
- Innovative torque control for optimal dosing and driveability

A detailed view of the interior of a Mercedes-AMG Customer Racing vehicle. The image shows the driver's perspective from the cockpit. The steering wheel is a racing-style wheel with a Mercedes-Benz logo in the center and various colored buttons (red, green, blue, yellow) around the perimeter. The dashboard is a digital display showing various vehicle metrics. The central console is a carbon fiber structure with a variety of controls, including a gear shifter, handbrake, and numerous buttons and switches. The seats are carbon fiber with integrated headrests. The roll-over protection structure (ROPS) is visible in the background, made of high-strength steel. The overall design is functional and aerodynamic, typical of a professional racing car.

BENCHMARKS REDEFINED

Safety

The Mercedes-AMG Customer Racing vehicles offer the most comprehensive level of safety in their class and the highest protection in accordance with FIA standards. The central element is the carbon seat shell with integrated headrest, which offers far greater protection than conventional racing seats. The safety roll cage made from high-strength steel is bolted to the aluminium spaceframe and there is an emergency hatch in the roof of the vehicles. An efficient fire extinguishing system rounds off the safety concept.

Ergonomics

All controls in the Mercedes-AMG GT3 and GT4 are intuitive and easily accessible. The central console is inclined towards the driver. Backlit markings ensure optimal visibility even at night. The carbon safety cell offers ample room even for tall drivers, while the excellent interior air circulation improves concentration. Both vehicle models can be equipped with air conditioning and adjustable seat and helmet ventilation if required.

Operating costs

Deployment costs are a central issue in customer sport. In order to reduce them further, we have further optimised the already high stability of GT3 and GT4. In the evolution model of the GT3, this was achieved by new revision concepts for the engine and transmission, among other things. The new integral carrier and the optimised front end also have a positive effect on economy: Sensitive areas such as the engine and radiator are thus even better protected, which reduces the need for spare parts, among other things. The innovations in the GT4, such as the more robust track rods on the rear axle, also contribute to lower running costs.



TESTED TO PERFECTION

The Mercedes-AMG Customer Racing vehicles are highly competitive from the very first lap. To achieve this, they go through an intensive testing and trial phase in which we work closely with our Customer Racing teams.

The vehicles have clocked up thousands of kilometres on various tracks throughout Europe and the USA as prototypes in order to ensure qualifying performance and reliability during sprint and long-distance races. The Mercedes-AMG GT3 and GT4 have mastered 35 and 30-hour endurance tests with ease.

The final part of the test programme involved testing under race conditions. Our test teams took part in endurance races on the famous Nürburgring-Nordschleife. To gather as much information as possible and incorporate this into continued development, ambitious amateur drivers were also behind the wheel as well as Mercedes-AMG factory drivers. The result of this is vehicles that inspire drivers of all levels.

SUPREMACY IN NUMBERS

	Mercedes-AMG GT3	Mercedes-AMG GT4
Engine	AMG 6.3-litre V8 naturally aspirated engine (6,208 cm³)	AMG 4.0-litre V8 biturbo engine (3,982 cm³)
Transmission	Sequential AMG 6-gear racing transmission	Sequential AMG 6-gear racing transmission
Electronics	Motorsports electronics incl. multiple-adjustable ABS and AMG TRACTION CONTROL	Motorsports electronics incl. multiple-adjustable ABS and AMG TRACTION CONTROL
Wheels/Tyres	AMG alloy wheels, 18", forged [FA 325 /680-18 / RA 325 /705-18]	AMG alloy wheels, 11 x 18", forged [FA 305 /660-18 / RA 305 /680-18]
Brakes	[FA 390 mm/RA 355 mm] Brake balance configuration via beam	[FA 390 mm/RA 355 mm] Brake balance configuration via beam
Chassis	Double wishbone FA/RA Configurable motorsports rebound and pressure dampers, configurable stabilisers	Double wishbone FA/RA Configurable motorsports rebound and pressure dampers, configurable stabilisers
Weight	1,285 kg*	< 1,390 kg*
Tank volume	120 litres, motorsports safety tank	120 litres, motorsports safety tank
Length	Max. 4,746 mm	Max. 4,619 mm
Width	Max. 2,049 mm	Max. 1,996 mm
Height	Max. 1,238 mm	Max. 1,284 mm

*Depending on BoP classification.

THE FULL PACKAGE

The Customer Racing teams are some of the most important global ambassadors of the Mercedes-AMG brand. Accordingly, our programme is built around maximum support. We share our technology, expertise and manpower to help our customers achieve maximum success.

Service and benchmark innovations

Support ranges from initial start-up of the vehicle and technical training to on-site service with spare parts trucks and support engineers at most races. Benchmark innovations also include an automatic tracking system for the running times of vehicle components, a rental service for race cars and the opportunity to strengthen your team with professionals from the Mercedes-AMG Driver Pool.

Online portal as a central mastermind

The Customer Service Portal (CSP), which enables teams to request spare parts, assistance, information and updates around the clock, is truly game-changing. With its wide range of functions, ease of use and transparent architecture, the system is the central replacement platform for the entire programme. The CSP also includes a constantly growing database of the race results of all Customer Racing events since 2010.

Customer Racing Championship

In addition to the archives, the database is also used to determine the winners of the Mercedes-AMG Customer Racing Championship. With the intra-brand competition which we introduced in 2015, we honour the performances of teams and drivers who earn points from races throughout the season. Attractive prizes are awarded in the different categories – from valuable credits and exclusive prizes from Mercedes-AMG partners to new vehicles from Mercedes-AMG for the championship winners.

JOIN THE WORLD'S FASTEST FAMILY

From normal to adrenaline in the space of a few seconds. This is the world of the AMG Experience – the world's fastest family brings performance enthusiasts together at unique driving events. With the AMG racetrack training events, the AMG Experience offers a modular training concept, with which you can gradually reach your personal limits on spectacular racetracks. Enjoy the intensive, personal support of an experienced instructor and optimise your driving skills with the aid of the latest analysis methods. As a special highlight, you can also experience the Mercedes-AMG GT3 or the Mercedes-AMG GT4 at our racetrack training events this year.

For more information, please contact the independent travel operator zet:motion. GmbH. How to contact your 'pit crew':

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For 20 years now it has been our belief that sport has the power to connect people and motivate them in a unique way. We have facilitated urgently needed access to our support programmes for millions of children and young people, so helping them to achieve positive change in their lives. The programmes that we support together with Laureus Sport for Good are in line with the United Nations' Sustainable Development Goals and are part of an exciting major global movement to effect positive change in the world.

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