Beat: Automobiles

World premiere in Geneva

The new Mercedes-AMG GT3

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USPA NEWS - World première in Geneva for spectacular AMG racing car: All-out attack: the new Mercedes-AMG GT3. The new AMG racing car will be shipped to the first customer teams at the end of 2015. Cutting-edge motorsports technology for maximum performance.

Mercedes-AMG will ring in the 2015 motorsport season at the beginning of March with the sonorous sound of the V8 engine: the new Mercedes-AMG GT3, with which the Mercedes-Benz sports car and high-performance brand is systematically expanding its motorsports presence, will be making its debut appearance at the Geneva Motor Show. Developed to comply with the FIA's GT3 race rules, the racing car will compete in the world's most hotly contested customer race series. Cutting-edge racing technology and spectacular design predestine the new challenger for victories. The new GT3 is based on the Mercedes-AMG GT, which is being launched in just a few days' time. Following an intensive test phase.

The Mercedes-AMG GT3 will blaze new trails in customer sports with its intelligent vehicle concept. The excellent racetrack performance of the standard GT already provides the best possible basis for this. "We are entering a hard-fought and hotly contested competitive environment with the new Mercedes-AMG GT3. The high technological standard and fair race rules are spurring us on to push to take pole position with our new customer racing car. You can only give credible proof of your ambition to lead if you're beating the very best in the game," commented Tobias Moers, Chairman of the Board of Management of Mercedes-AMG GmbH.

The standard Mercedes-AMG GT already provides the ideal prerequisites for the GT3 racing model, with its low centre of gravity, perfect distribution of weight and wide track width. For this layout guarantees precise cornering properties, high lateral acceleration, first-class agility, a high level of traction and low inertia when having to change direction fast. On the different race circuits, all of these attributes give the driver the advantages necessary to achieve top placements.

Even at a standstill, the new Mercedes-AMG GT3 is the embodiment of undiluted power. Its matt paintwork in designo selenite grey magno covers the muscular contours like a second skin. The widened vehicle body, the large air intakes, the diffuser and the huge rear aerofoil all signalise a desire to attack. Every modification to the bodywork has been made for the purpose of maximising power output and aerodynamic performance.

As in the roadgoing version, the vehicle structure of the GT3 consists of a very lightweight yet extremely rigid aluminium spaceframe, offering outstanding protection for the driver. The driver is further protected by the resilient carbon-fibre seat pan and an integral roll-over cage made from high-tensile steel. In order to reduce the vehicle weight further still, the engine cover, doors, front wing, front and rear aprons, sidewalls, side skirts, diffuser, boot lid and rear aerofoil are all made from particularly lightweight yet high-strength carbon-fibre.

Cutting-edge motorsports technology for maximum performance. Powerful acceleration is ensured by the seasoned and now further enhanced AMG 6.3-litre V8 engine taken from the SLS AMG GT3. User-friendly technology, excellent reliability, long maintenance intervals and the high-revving naturally aspirated engine with low running costs made it the engine of choice for the new AMG customer sports model.

The six-speed sequential racing gearbox for the GT3 is - as is the case in the standard GT - mounted in a transaxle configuration on the rear axle, thereby facilitating optimum weight distribution. They also have double-wishbone suspension - made almost entirely from aluminium - in common. These solutions once again demonstrate how closely linked regular production technology and racing technology are at AMG.

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