Beat: Automobiles

Driving Performance on land and on the water

Mercedes-AMG and Cigarette Racing

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USPA NEWS - Mercedes-AMG and Cigarette Racing celebrate their eleven-year collaboration at the Miami International Boat Show with the debut of the performance boat Cigarette Racing 515 Project ONE. Inspired by the supercar Mercedes-AMG Project ONE, the racing boat was developed from the ground up using the latest technologies and methods. It is the ninth special edition, which results from the partnership of the two performance brands.

The new Cigarette Racing 515 Project ONE inspired by Mercedes-AMG is 15.67 meters long and with its 2.90 meter wide hull offers six passengers comfortable seats. Compared to the racing boat "Cigarette Racing Team 50 'Marauder AMG", which was presented as part of the cooperation in 2017, it has more than 30 percent more surface area with similar performance and a top speed of 225 km / h. This is made possible by the use of a highly optimized composite structure made of carbon fiber, Kevlar® and glass fiber. The characteristic AMG muscular shoulders rising in the back of the Cigarette Racing 515 Project ONE enable the integration of a large solar pad on the flat, exposed carbon fiber hatch above the large engines for maximum comfort and versatility while the boat is at rest.

Innovative lightweight construction made of carbon fiber

The deck of the boat is made entirely of carbon fiber, which reduces the overall weight and lowers the center of gravity. Carbon fiber is also used for the inner structural laminate of the fuselage, the front bulkheads, the cabin lining, the engine hatch, the consoles and the storage hatches. Result is a significantly lower total weight. For example, the two-meter-long and 35-centimeter wide air intakes weigh only two kilograms. Overall, the weight-optimized performance boat Cigarette Racing 515 Project ONE is more than three meters longer than the "Cigarette Racing 41 'SD GT3" boat of 2016, but weighs more than 2,200 kilograms less. Kevlar® has also been used for bordering bulkheads and frame edges for its extreme toughness.

partnership of two brands with racing DNA

"For eleven years Cigarette Racing has united us in a trusting partnership that enables us to transfer driving performance from land to sea," says Tobias Moers, CEO of Mercedes-AMG GmbH. "The Mercedes-AMG Project ONE brings Formula 1 technology from the racetrack to the road and is our most ambitious project so far. With the Cigarette Racing 515 Project ONE, our vision is now being implemented on the water in an impressive and highly convincing way. "

The Cigarette Racing Team worked in close collaboration with Gorden Wagener, Chief Design Officer of Daimler AG, on the design of the boat's characteristic features. The striking matt black and silver finish and the special Project ONE emblem are immediately reminiscent of the unmistakable Mercedes-AMG Project ONE. This attention to detail is also found in the cabin through the extensive use of DINAMICA microfibre and the seat backs with visible carbon fibers.

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"The Mercedes-AMG Project ONE is the hottest and coolest car we've ever designed and inspired our impressive new Cigarette Racing 515 Project ONE," says Gorden Wagener, chief design officer of Daimler AG. "Both embody performance luxury and have the potential to become design icons."

"Mercedes-AMG and Cigarette Racing both carry racing in their DNA. This makes us the ideal partners to redefine the boundaries between design and performance, "said Skip Braver, CEO of Cigarette Racing. "Whether on land or on water - our demanding customers always demand the extraordinary from us. We are very proud to unveil the Cigarette Racing 515 Project ONE. It is by far our most impressive high performance boat and represents a triumph of technology that reflects our unparalleled track record. "

Drive with two Mercury Racing engines, each with 1,550 hp

The Cigarette Racing 515 Project ONE features two Mercury Racing engines (1,350 / 1,550 Quad Cam 4 Valve) that deliver a maximum of 3,100 horsepower to the M8 sterndrives. These state-of-the-art powerhouses are dual-calibration engines that allow the

driver to switch engine power through an electronic key. The "Race" key unlocks a maximum of 1,550 horsepower per engine and requires racing fuel. The "Pleasure" key delivers 1,350 horsepower and is content with 91-octane fuel. A staggered cylinder arrangement lowers the center of gravity by placing the motors closer together and deeper in the V hull. This improves the dynamics and the stability.

Inspired by the supercar showcar Mercedes-AMG Project ONE

The Cigarette Racing 515 Project ONE is inspired by the Mercedes-AMG Project ONE. For the first time, the two-seater supercar showcar brings state-of-the-art and most efficient Formula 1 hybrid technology almost one to one off the track onto the road. The performance hybrid is expected to produce more than 1,000 horsepower, its top speed is about 350 km / h and the maximum torque at up to 11,000 / min. The concept car combines overwhelming race track performance and day-to-day Formula 1 hybrid technology with exemplary efficiency. This is unique in the world. The complex development is being carried out in close cooperation with the Formula One experts at Mercedes-AMG High Performance Powertrains in Brixworth and Mercedes-AMG Petronas Motorsport in Brackley. The high-performance plug-in hybrid drive of the Mercedes-AMG Project ONE, for example, comes directly from Formula One. The engine installed in the middle engine position in front of the rear axle consists of a highly integrated and intelligently interconnected unit made of a 1.6-liter V6 Hybrid gasoline engine with a total of four electric machines.

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Mercedes-AMG and Cigarette Racing

Mercedes-AMG and Cigarette Racing started their collaborative partnership in 2007 - primarily to organize joint customer and marketing activities. Whether on land or water - Mercedes-AMG and Cigarette Racing unite the goal of delivering ultimate performance. Similar to the Mercedes-AMG supercars, the 11.50 to 15.67 meter-long high-performance boats of the American racing boat manufacturer are among the world's fastest and most exclusive in their segment. These boats offer customized, handcrafted quality for enthusiasts and are tested under the most extreme conditions. Both Mercedes-AMG and Cigarette Racing have their roots in racing and are still passionate about motorsport.

The price of the new boat from the Cigarette Racing Team will be communicated upon request. More information about Cigarette Racing can be found at http://www.cigaretteracing.com/.

The Miami International Boat Show will be open for visitors from 16-20 February 2018 at Miami Marine Stadium Park & Basin.

To visit the Miami Boat Show website Click on the 'More information' link below.

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