

Gemballa Avalanche GTR 650 EVO-R

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The GEMBALLA masterpiece based on the Porsche 911 Turbo

The history of GEMBALLA Automobiltechnik GmbH & Co. KG is inseparably connected with the AVALANCHE. It was the first AVALANCHE generation in the mid 80s with its trendsetting body- and interior design which became a world-wide bestseller and laid the foundations of success for the Leonberg-based company. And ever since, this name is exclusively reserved for the masterpiece of the extensive GEMBALLA refining programme for Porsche 911 models.

With the AVALANCHE GTR 650 EVO-R the chairman and founder Uwe Gemballa follows this success story and presents the face-lifted version of the current AVALANCHE-generation. Equipped with a spectacular automobile design and an auto body which has been broadened with Thyssen steel, the super sports car sets benchmarks for production quality and design vocabulary. But that is not enough: the AVALANCHE GTR 650 EVO-R offers elaborate, supreme technology and with 650 hp it delivers an enormous top speed of 332 km/h. Driving pleasure for highest demands.

Fresh design for the super sports car Already at first glance, the AVALANCHE explicitly underlines its ties with the supreme sports car league. Especially designed gull wing doors and the new front headlights from the Carrera GT, leave significant visual accents. The same applies for the powerful metal extensions which were specially produced in a Thyssen Group subsidiary and then directly welded to the body shell. The GEMBALLA technicians developed a custom-made bonnet and side skirts as well. The front wings are replaced by a carbon version. Following the facelift of the current Porsche 911 induction engine models, GEMBALLA gives the AVALANCHE a visual refreshment as well. A part of this modernisation is the entirely re-designed front skirt. The integrated carbon front lip conveys the air to the large cooling slits and gives the car an even more lowered look.

Also the rear section of the AVALANCHE contains a makeover: the most striking feature is the use of LED tail lamps from the current Porsche 911. Moreover, this is additionally enhanced by a new rear skirt. The integrated rear diffuser can either be selected with a varnish or in carbon fibre and offers space for the four end pipes of the sport exhaust system. Together with the carbon rear wing, it renders additional downthrust at the rear axle.

When engineering the AVALANCHE GTR 650 EVO-R also great emphasis was put on the aerodynamic efficiency. Therefore, the body components were perfectly adjusted to each other. The result: An individual design in perfect surface quality which also reduces the lifting forces. Sensational performance due to elaborate technology In addition to the breath-taking shape of the AVALANCHE, the GEMBALLA engine department developed a powerful performance enhancement for the serial gearing. The engine makeover includes a racing crankshaft, a titanium connecting rod, forged pistons and racing turbo chargers. Camshafts and cylinder heads are mechanically fabricated in precision work. The aluminium induction pipe and a carbon air box with sports air filter provide the optimal air supply. A further makeover feature and responsible for the sporty and powerful sound of the AVALANCHE GTR 650 EVO-R is the stainless steel - high-performance exhaust system with the optimised racing headers.

After the extensive modifications, the super sports car has 650 hp / 478 kW at 6.200 rpm and 950 NM at 4.600 rpm. Thereby, the 4WD automobile accelerates from 0 to 100 km/h in only 3.4 seconds and reaches a top speed of 332 km/h.

And when this is not enough, the GEMBALLA-specialists offer even further engine types with performance enhancements up to 800 hp. Wheels and running gear - the combination for best road handling and a striking appearance The wheel/tyre combination of the AVALANCHE offers the optimal compromise between comfort and control. The multi-part and especially light aluminium wheels are delivered in size 9.0Jx20 with tyres measuring 245/30 ZR 20 for the front axle and 1.5Jx20 with 325/25 ZR 20 tyres at the rear axle.

The high-performance braking system which was especially devised for the AVALANCHE GTR 650 EVO-R can be easily recognised by its red-painted brake callipers. The optimal deceleration and perfect gas pedal response is rendered by enlarged 6-piston brake callipers in connection with discs measuring 405 millimetres at the front axle and 4-piston brake callipers with 380mm-discs at the rear axle.

Also, the running gear has been thoroughly modified. The new coilover kit was especially adjusted to these increased requirements. Four individually adjustable rebound dampers allow an individual fine tuning. Sport stabilisers and strut braces render additional torsional stiffness and therefore improve road handling. VIP lounge with motor sports

atmosphere GEMBALLA completely re-designs the interior of the AVALANCHE and turns it into a VIP lounge with motor sports atmosphere. The serial lining is replaced by most precious leather. The GEMBALLA aluminium pedals splendidly shine in the foot well and perfectly go with the carbon fibre components of the interior set. The technical highlight is the full-size airbag sports steering wheel measuring 340 millimetres in diameter. The sports seats type POLE POSITION offer extra seating stability.

GEMBALLA - the specialist for high end refinement and innovative interior design offers the AVALANCHE GTR 650 EVO-R from 350,000 € (net, including basic automobile Porsche 997 Turbo).