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LIMITED EDITION



CARBONADO

OVERVIEW 2016

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The customization programme
for **Lamborghini Aventador**

MANSORY CARBONADO "Black Diamond"

Lamborghini Aventador with
stealth-look carbon fibre and 1250 hp

model based on the Lamborghini Aventador
LP700-4 limited to just **SIX** specimens

Carbon fibre everywhere the eye can see: The ultralight and high-strength material of carbon fibre finds ample uses even in the series version of the Lamborghini Aventador LP700-4.

MANSORY purposefully continued to use it in the completely reworked MANSORY CARBONADO as the main component of all its bodywork components. Every single

element of the MANSORY aerodynamic design is made in prepreg autoclave process in perfect surface quality and precision-built into the vehicle. For the first time in the world a carbon fibre weave with a stealth-look is being used, which is being exclusively deployed by MANSORY in vehicle construction.



An eye-catching new feature of the newly styled Aventador front is the striking skirt with the optimised air intakes for improved ventilation of the front radiator. In combination with the new front lip spoiler and the proprietary developed daytime running lights MANSORY has not only achieved an aggressive appearance but

also generated additional drive. Also the front wing, as well as the bonnet will be exchanged and replaced by proprietary developments. The sides have grown by 40 millimetres on the front and by a remarkable 50 millimetres on the rear axle in width. Newly designed side skirts are also fitted. These steady the air flow between the axles and feed additional cooling air into the drive unit and the rear braking system through integrated

routing channels. The diffuser built into the new rear spoiler stabilises the rear at high speeds and creates surface contact pressure together with the enlarged rear wing on the rear axle. The body styling kit is completed by the replacement of the roof and engine compartment cover by all-carbon elements.



Interior

The Lamborghini refinement program finds a perfect fulfilment in the extensive interior applications. Naturally only the finest of materials are used. The processed leather used for the seats as well as the dashboard is particularly durable yet still extraordinarily soft. This characteristic natural product with its individual graining and the perfect hand stitching conveys an air of extravagant flair around the newly designed sports steering wheel with airbag. In order to accent the character of the CARBONADO interior even more non-slip aluminium pedals as well as genuine carbon fibre components are used on the doors, the fittings and the centre console. The newly positioned starter button presents one of the technical highlights of the interior. In the style of an aircraft cockpit switch MANSORY has relocated this red switch from the centre console to the roof lining.



Fully forged & Alloy Wheels

Of course, only the best components are worth considering for the conversion of engine power into propulsion: As the perfect wheel-tyre combination MANSORY has built ultralight striking forged rims with carbon fibre inlays with 9.0 x 20 and 13.0 x 21 dimensions with Pirelli P ZERO tyres in VA 255/30 ZR20 and HA 355/25 ZR21 sizes.





High Performance

But the MANSORY customized Aventador impresses not only with its fascinating design. MANSORY has completely reworked the 6.5 litre V12 cylinder and fitted it with two MANSORY turbochargers. Furthermore the pistons, connecting rods, rod bearings, crankshaft, crank and cylinder head have been replaced by motor racing parts and now meet the high demands of Kourosh Mansory. Together with the newly designed exhaust system from the manifold right up to the stainless steel tailpipes, which give superior performance characteristics. Instead of 700 hp (515 kW) the CARBONADO achieves an impressive 1250 hp (920 kW), while the maximum electronically-limited torque increases to 900 Nm. This accelerates the bi-turbo twelve-cylinder from zero to one hundred (km/h) in a breathtaking 2.6 seconds. The top speed is 380 km/h which is also significantly higher than with the base vehicle.

Limited edition MANSORY CARBONADO

Exterior with new designed coachbuild:

- Front bonnet
- Front bumper with front lip and specially new designed daytime lights
- Rear bumper with diffuser and exhausts blinds
- Custom shaped rear air outtakes
- Aerodynamic rear wing
- Carbon roof cover
- Light-weight mirrors
- Body lined side skirts
- Weight reduced doors
- Modified side air intakes
- Engine bonnet with new designed carbon air foils
- Carbon fibre engine covers
- Fully forged turbine wheels with carbon inlays (9x20 in front, 13x21 in rear with 255/30/20 and 345/25/21 high performance tires)

Completely individual refinement of following interior parts:

- Dashboard
- Speedometer part
- Middle console
- Door handles
- Door panels
- Display frame
- Buttons- Carbon cover for seats
- Customized steering wheel with carbon shift paddles
- Position of engine start/ stop button changed to the top
- Aluminum race pedals
- Illuminated sill plates with Carbonado logo 1/6
- Specially stitched seats with carbon covers on the back























