

MANHART

SINCE 1986



MANHART ER 800

HIGH PERFORMANCE SPORTS SALOON WITH MORE THAN 800 HP

When thinking of our creations, most tuning fans probably think first of refined BMW models. Consequently, when many petrolheads think of an optimized, high-performance saloon in the luxury class from our company, they naturally assume that the basis is an M5. But our team from Wuppertal can also do things differently! And so we have now unveiled our MANHART ER 800. The basis for this top sports car, limited to five units, is the M5 competitor from Affalterbach, the Mercedes-AMG E 63 and E 63 S, respectively.

Visit our new shop:



www.manhart-performance.de/en/shop



MANHART ER 800

SPECIFICATIONS

ENGINE
4.0-litre Biturbo V8 Engine
MANHART Turbo Performance Kit
MANHART Turbo Upgrade
MANHART Intercooler
MANHART Carbon Air Intake

POWER
Original: 612 PS & 850 Nm
Tuned: 809 PS & 1070 Nm
MANHART ECU Remapping

EXHAUST
MANHART Downpipes Sport
with 300 Cells Catalytic Converters*

*No TÜV approval, only for export

SUSPENSION
MANHART Lowering Standard Air Suspension
by 20-30 mm
Option 1: Software Tune in Our Workshop or
Option 2: Using New Coupling Rods
MANHART Suspension Tuning

WHEELS
MANHART Classic Line in Silk Matt Black
FA: 9 x 21" (255/30 ZR21)
RA: 10.5 x 21" (295/25 ZR21)
Rim Colour Upon Request Individually Configurable
MANHART Rim Decoration in Gold

BRAKES
MANHART Ceramic Brake Kit (FA: 405/38)

INTERIOR
MANHART Floor Mats

EXTERIOR
Black Radiator Grille
MANHART Decal Set



MANHART PERFORMANCE UPGRADE

The AMG version of the E-Class already produces 571hp, (E 63) or 612hp (E 63 S) in standard condition. This output, which is by no means weak, is not only a good starting point for us on the way to significantly more power: as the new vehicle designation already indicates, the AMG's four-litre, biturbo V8 receives a whopping power increase, boosting to an impressive 809hp and 1,070Nm of maximum torque. This is achieved by a MANHART turbo upgrade, a MANHART intercooler as well as a MANHART carbon intake and MANHART ECU remapping. To upgrade the exhaust system, there are also supplementary MANHART sports downpipes with 300-cell catalytic converters, which do not have TÜV approval and are therefore only intended for export.





MANHART BRAKES AND SUSPENSION

To ensure that the ER 800 not only accelerates much more rapidly than the basic E 63 S, but also comes to a stop again even more quickly, we have installed a ceramic brake kit with 405x38mm diameter discs on the front axle of the ER 800. With regards to lowering the factory air suspension by 20 to 30 millimeters, there are two different variants to choose from: either, as in the case of the example shown, by using new coupling rods or via a software adjustment.



MANHART VISUAL HIGHLIGHTS

We also improved the appearance as usual: In the wheel housings sit in-house Classic Line rims in the dimensions 9×21 and 10.5×21 inches with tyres in 255/30 ZR21 and 295/25 ZR21. On the vehicle shown, they have a typical MANHART finish in side matt black with golden decoration in the form of a decorative stripe on the rim edge. Alternatively, however, other individual colour configurations are also possible on request. To round things off, the ER 800 wears a black radiator grille and – as is also customary with MANHART creations – a golden set of decorations with decorative stripes and lettering on the black-painted body.



MANHART

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All facts concerning driving performance are approximations. They depend on vehicle-specified details such as vehicle type, equipment, curb weight, rear axle ratio, wheel-tire combination, transmission design and aerodynamic equipment of the individual vehicle. Information about performance increases and/or performance kits are average values. A margin of +/- 5% in performance gains should be taken into consideration. Information about the overall performance of the stock engines changed due to an increase in performance and/or performance kits is based on the manufacturer's information in the vehicle registration document, which in turn can deviate +/- 5%. MANHART Performance assumes no liability for additional under-performance of factory engines. The technical data can be changed at any time without notice.