

MANHART

SINCE 1986



MANHART MH2 GTR

THIS M2 IS THE ULTIMATE TRACK ANIMAL

“Wait a minute! Haven’t I seen this car before?” This is a question that one or two petrolheads may ask themselves upon seeing the MANHART MH2 GTR. Rightly so, as the family resemblance to the MH4 GTR, based on the M4 DTM Champion Edition, is striking, which MANHART Performance rolled into the limelight last September. So now comes the “little brother”, which in turn is based on a no less high-caliber sports machine. The basis is the spearhead of the BMW F87 M2 series, the CS. The specialists from MANHART Performance in Wuppertal have also significantly upgraded this limited-edition, lightweight sports car with both visual and technical upgrades. The MH2 GTR attracts attention with its spectacular looks, where the design references the motorsport sibling, the M2 CS racing, complimented with the MANHART carbon rear wing. Pure track flair is also conveyed by the MANHART carbon fiber fenders with striking air outlets.

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MANHART MH2 GTR

SPECIFICATIONS

ENGINE

3.0-Litre Biturbo Engine (S55)
MANHART Turbo Performance Kit
MANHART Turbo Upgrade
MANHART Intercooler by CSF
MANHART Aluminum Replacement Charge Pipes
MANHART Gearbox Upgrade
MANHART Carbon Air Intake by ARMASpeed

POWER

Original: 450 HP & 550 Nm
Tuned: 600 HP & 830 Nm
MANHART ECU Remapping

EXHAUST

MANHART Stainless Steel Exhaust System with Valve Control
MANHART Downpipes Sport with 300 Cells Catalytic Converters*
4 x 100 mm MANHART Carbon Tailpipes
MANHART OPF/GPF Deleter*

*No TÜV approval, only for export

SUSPENSION

MANHART Suspension Upgrade by H&R
MANHART Suspension Tuning

WHEELS

MANHART Concave One in Silk Matt Black
FA: 9 x 20"
(255/30 ZR20 with Michelin Cup 2 Tyres)
RA: 10,5 x 20"
(295/25 ZR20 with Michelin Cup 2 Tyres)
Rim Colour Upon Request Individually Configurable

BRAKES

Stock Brakes, Individually Tuning Options
Available Upon Request

INTERIOR

M Performance Carbon Steering Wheel Spokes F-Series
M Performance M DCT Carbon Gear Selector Kit
RECARO Bucket Seats
Awron Display

EXTERIOR

MANHART Carbon Rear Wing M2 CS Racing
MANHART Carbon Side Fenders with Louvres
MANHART Decal Set / Vinyl Wrap



MANHART PERFORMANCE & EXHAUST SYSTEM

MANHART pushes the output of the factory-supplied 450 hp and 550 Nm 3.0 in-line six-cylinder biturbo engine to a whopping 600 hp, which is backed up by a mighty torque mountain of 830 Nm. In addition to a MANHART turbo performance kit and a MANHART intercooler by CSF, including aluminum charge pipes, a MANHART carbon intake by ARMA is also used. The exhaust gases from the twin-turbocharged S55 unit roar through a MANHART stainless steel exhaust system with valve control, which connects to MANHART sports downpipes, with 300-cell catalytic converters (without TÜV, for export only) and flows into four carbon-sheathed 100-mm tailpipes. Finally, the maps were optimized for the new hardware conditions via a MANHART ECU remapping. In order to be able to transmit the power efficiently to the rear wheels, the 7-speed DCU has been equipped with a MANHART transmission upgrade.





MANHART WHEELS & SUSPENSION

Helping the MH2 GTR achieve even more agility and cornering dynamics are the MANHART Suspension Upgrades by H&R, with in-house tuning as well as the in-house produced, Concave One forged wheels in matte black, which were mounted in 9×20 inches with Michelin Pilot Sport Cup 2 tires in 255/30ZR20 on the steering axle and 10.5×20 inches with 295/25ZR20 tires on the drive axle. MANHART Performance offer optional individually configurable upgrades for the brake system. This is left as standard on the vehicle pictured.



MANHART INTERIOR

Rounding off the package, the cockpit has also received some refinements: From the Recaro sports seats, the driver has perfect access to the valance refined with carbon steering wheel spokes from the BMW M Performance program as well as the DKG selector lever upgraded in the same way. A data display integrated into the center console at the position of the left air vent also provides the driver with information on all important engine operating parameters and driving dynamics measured values.



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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.