

MANHART

SINCE 1986



MANHART MH3 600

AGGRESSIVE THROUGH PERFORMANCE

Every seven years since 1986, the international performance and motorsport community have looked to Munich with bated breath. This is when BMW unveils – with only slight variations – the latest generation of the now legendary high-performance model in the 3-series, the M3. The time had come again last September: 35 years after the debut of the E30 M3, BMW M GmbH presented the seventh M3 series G80. Only a few weeks later, we at MANHART Performance, specialists in performance optimization of BMW models, gave a preview of our interpretation of the Bavarian high-performance saloon. Now it's here: the MANHART MH3 600 based on the BMW G80 M3 Competition is ready to go!

Visit our new shop:



www.manhart-performance.de/en/shop



MANHART MH3 600

SPECIFICATIONS

ENGINE

3.0-Litre Biturbo Engine (S58)

POWER

Original: 510 HP & 650 Nm

Tuned: 635 HP & 780 Nm

0 – 200 km/h = 10.5 Seconds

100 – 200 km/h = 6.42 Seconds

MANHART MHtronik Powerbox

EXHAUST

MANHART Stainless Steel Exhaust System with Valve Control
MANHART Downpipes Race without Catalytic Converters*

Or:

MANHART Downpipes Sport with 300 Cells GESI Catalytic Converters*
MANHART OPF-Delete Pipes with 200 Cells HJS Catalytic Converters*
4 x 100 mm MANHART Carbon or Ceramic Coated Tailpipes
MANHART OPF/GPF Deleter*

*No TÜV approval, only for export

SUSPENSION

MANHART Variant 4 Suspension Kit by KW Suspensions

Or:

MANHART Lowering Springs by H&R (FA: 30 mm / RA: 10 mm)

MANHART Suspension Tuning

WHEELS

MANHART Concave One in Silk Matt Black

FA: 9 x 21" (ET30 255/30 ZR21) (22 mm Spacer)

RA: 10.5 x 21" (ET40 295/25 ZR21) (22 mm Spacer)

Rim Colour Upon Request Individually Configurable

MANHART Rim Decoration in Gold

BRAKES

Stock Brakes, Individually Tuning Options

Available Upon Request

INTERIOR

MANHART Two-Piece Carbon Seat Cover

EXTERIOR

MANHART Carbon Diffuser

M Performance Carbon Front Spoiler

M Performance Carbon Rear Spoiler

M Performance Carbon Side Skirts

M Performance Carbon Aero Flicks

MANHART Decal Set



MANHART PERFORMANCE & EXHAUST SYSTEM

What do we expect from this vehicle? First and foremost, without a doubt, a performance upgrade to boost its status! Although the M3 Competition is already well-fed at the factory with 510 hp and 650 Nm, our MANHART engine technicians push the output of the 3.0-litre biturbo in-line six-cylinder to an even more impressive 635 hp and 780 Nm by means of our MHtronik powerbox. With this upgrade, the MANHART MH3 600 sprints to 200 km/h in less than 10.5 seconds and also reaches the 250 km/h mark after just under 17 seconds. This is four seconds faster than the stock M3 Competition! The intermediate sprint from 100 to 200 km/h is completed in just 6.42 seconds. Parallel to the electronic tuning, we install an in-house produced, stainless steel rear silencer with valve control function, which trumpets strikingly from its four 100-millimetre tailpipes, and can be either carbon or ceramic-coated. Optionally available are MANHART Race downpipes, without catalytic converters as well as MANHART OPF-Delete replacement pipes, with 200-cell HJS catalytic converters – both, however, without TÜV approval and thus only for export. An OPF Deleter solution is available as well for those who would like to remove their OPF/GPF filters fitted in the stock exhaust.





MANHART WHEELS & SUSPENSION

We leave MH3 600 customers spoilt for choice when it comes to a suitable suspension upgrade. The first step is MANHART lowering with H&R springs, which lower the front axle by 30 millimetres and the rear axle by only 10 millimetres to create an aggressively crouched look. Things are undoubtedly even more dynamic with the MANHART Variant 4 coilover suspension by KW Suspensions, which comes with a special MANHART set-up that guides the wheels perfectly over the tarmac even at forced speeds. Speaking of wheels: our measure of all things in the MH3 600 is the 21-inch format. At the front axle, forged MANHART Concave One rims – optionally in satin black with gold rim decoration or completely in gold – rotate in 9×21 inch with 255/30ZR21 tyres, at the rear 295/25ZR21 tyres are mounted on 10.5×21 inch rims. We also offer upgrades for the brake system: these can be individually configured and are upon request.



MANHART VISUAL HIGHLIGHTS

Visually, the MH3 600 is of course presented in the traditional MANHART design with gold accents on a gloss black background. The factory (optional) carbon outfit, consisting of a front spoiler, a rear spoiler, side skirts and aero flicks from the M Performance range, has been extended by us with an in-house carbon rear diffuser, which perfectly frames the twin tailpipes of the exhaust system. We at MANHART Performance have also extended the carbon equipment in the passenger compartment: two-piece carbon fibre back shells for the sports seats underline the motorsport flair here.



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.