MANHART

SINCE 1986

MANHART MH2 450 (G42)

MANHART MH2 450: 440 HP, RIMS, CARBON PARTS AND MORE FOR THE M240I

MH2 450 - at first glance, our fans might be taken aback by this model designation. After all, the designation “MH2” initially seems to indicate an optimized version of the BMW M2. But then “only” 450 hp? That would be less than the standard version! The solution to this puzzle is that the basis in this case is not actually the top model of the compact BMW coupé. Instead, the MH2 450 is based on its smaller brother, the M240i. In addition to the increase in performance, the latter naturally received various other technical and visual refinements on its way to becoming the MH2 450.

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MANHART MH2 450 (G42)

SPECIFICATIONS

ENGINE
3,0-Litre Twin-Power Turbo Engine (B58)

POWER
Original: 374 HP & 500 Nm
Tuned: 440 HP & 600 Nm
MANHART MHtronik Powerbox
Or:
Further tuning stages (Stage 2 & 3) upon request

EXHAUST
GRAIL Stainless Steel Slip-on Exhaust
with Valve Control
4 x 100 mm MANHART Tailpipes in Matt Black

SUSPENSION
MANHART Variant 4 Suspension Kit
by KW Suspensions
Or:
MANHART Lowering Springs by H&R

WHEELS
MANHART Concave One in Shiny White
FA: 9 x 20" (ET 35 245/30 ZR20)
RA: 10,5 x 20" (ET45 285/25 ZR20)

Rim Colour Upon Request Individually Configurable

BRAKES
Stock Brakes, Individually Tuning Options
Available Upon Request

INTERIOR
Newly Upholstered Leather/
Alcantara Steering Wheel
MANHART Carbon Paddle Shifters
Steering Wheel Spokes painted in black

EXTERIOR
MANHART Carbon Front Spoiler
MANHART Carbon Side Skirt Add-ons
MANHART Carbon Rear Spoiler
MANHART Carbon Rear Diffuser
MANHART Decor Set

MANHART PERFORMANCE UPGRADE

As is well known, the M240i is powered by the three-litre B58 twin-power turbo in-line six-cylinder engine. Thanks to turbocharging, it delivers 374 hp and 500 Nm ex works. For the MH2 450, our team at MANHART Performance pushes the power unit to 440 hp and 600 Nm of maximum torque with the help of the in-house developed MHtronik powerbox. A GRAIL rear silencer including valve control and four 100 millimetre MANHART tailpipes provide the appropriate acoustic background. For those who are not satisfied with the performance offered here, we also offer further Stage 2 and Stage 3 upgrades on request. In this case, the brake system remains unchanged, but individual upgrades are possible on request.

MANHART WHEELS AND SUSPENSION

With regard to the suspension, our MANHART lowering springs by H&R or a MANHART Variant 4 coilover suspension by KW are available to give the MH2 450 even sportier handling and lowering at the same time. The keyword lowering also leads directly to the visual refinement of the coupé. The lowering of the body allows our installed MANHART Concave One rims to sit perfectly under the fenders. They measure 9x20 inches at the front and 10.5x20 inches at the rear and have an unusual finish in glossy white. This already shows that we allow the customer to configure the rim colour individually on request. The tires measure 245/30ZR20 at the front and 285/25ZR20 at the rear.

MANHART VISUAL HIGHLIGHTS AND INTERIOR

Our team at MANHART refined the body of the MH2 450 with a front spoiler, side sill attachments, rear diffuser and a rear spoiler - all made of carbon. A MANHART trim set rounds off the exterior. Last but not least, the interior features a steering wheel with a new leather/Alcantara cover, including black lacquered spokes and MANHART carbon shift paddles.

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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.