



Media Information  
11 April, 2016

## **The new BMW M2**

- New six-cylinder in-line engine with M TwinPower Turbo technology: 3.0-litres, 370hp.
- 0-62mph in just 4.3sec (M DCT) and 155mph top speed.
- Muscular, dynamic lines, 19-inch aluminium forged wheels and sports exhaust system.
- Driver-focused interior with Sport seats, M leather steering wheel and M2 specific dials and needles.
- Motor Sport technology for the road and circuit: lightweight suspension, optional seven-speed M Double Clutch gearbox (M DCT) and Active M Differential.
- Priced at £44,070 OTR. On sale from April 2016.

The new BMW M2 is the latest compact sports coupé in a long line of legendary road and racing BMWs, such as the 2002 Turbo, E30 M3 and 1M Coupé. Cast in a similar mould, it brings the concept right up to date with the latest in motor sport derived technology. The result is a powerful performer that delivers genuine driver satisfaction on the road, and extreme capability on the racing circuit.

Powered by a new, specifically developed, 3.0-litre straight-six engine with BMW TwinPower Turbo technology, the latest product from BMW M GmbH produces a formidable 370hp, enabling an electronically-limited top speed of 155mph. When equipped with the optional seven-speed M DCT gearbox, the M2 can sprint from rest to 62mph in just 4.3 seconds.

This superb level of performance is expressed visually via unique enhancements to the base 2 Series Coupé body, majoring on style but also reflecting the aerodynamic, cooling and chassis requirements of the new car. The BMW M engineers have worked tirelessly to reduce weight wherever possible, improve rigidity and hone the M2's

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responses via sophisticated chassis technology and electronics to deliver a truly rewarding drive.

Model	Price from OTR	Power Hp	Torque Nm	0 – 62mph Seconds	Top Speed Mph	Combined Mpg	CO <sub>2</sub> Emissions g/km
M2	£44,070	370	465 +35 overboost	4.5 (4.3)	155*	33.2 (35.8)	199 (185)

\* All versions electronically limited

#### **Engine: A true BMW M six-cylinder powerplant**

The six-cylinder engine of the new BMW M2 is entirely in keeping with the finest BMW M tradition. It offers unbeatable driving fun on a racing circuit, yet remains completely civilised in everyday use. With an appetite for revs not normally associated with a turbocharged engine, it features an exceptionally linear power delivery and strong torque across a broad rev range, all delivered with a distinctive engine sound. Rapid responses and excellent efficiency are amongst the benefits of BMW's innovative M TwinPower Turbo technology.

The new 3.0-litre engine possesses an output of 370hp at 6,500rpm and will rev to 7,000rpm, while peak torque of 465Nm is on tap between 1,400 and 5,560rpm. An overboost function raises this figure by 35Nm to 500 Nm between 1,450 and 4,750rpm. Despite this potent performance, the combined fuel consumption is 33.2mpg when fitted with a six-speed manual gearbox, and 35.8mpg with the optional M DCT. The CO<sub>2</sub> emissions are 199g/km and 185g/km respectively.

With M DCT fitted and Launch Control activated, the new BMW M2 completes the sprint from rest to 62mph in just 4.3 seconds (4.5 sec with the six-speed manual gearbox). The top speed is electronically limited to 155mph.

This new, lightweight, thermodynamically optimised, all-aluminium unit is very rigid due to its closed-deck design. BMW's advanced M TwinPower Turbo technology on the M2 comprises of a TwinScroll turbocharger, High Precision Injection, variable camshaft

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timing (Double-VANOS) and VALVETRONIC variable valve control. The M2's turbocharger has been integrated into the exhaust manifold, reducing the warm-up phase after a cold start and thereby helping to cut internal friction and significantly reduce fuel consumption and CO<sub>2</sub> emissions. Components including the pistons were sourced from the BMW M3/M4 engine, as are the crankshaft main bearing shells. In order to ensure oil reaches all engine components at all times under the kind of extreme conditions encountered on a race track, the engine benefits from a modified lubrication system; an additional oil cooler for the transmission oil (on M DCT cars) and a further water cooler for the engine keep temperatures stable.

With its four tailpipes, the M2 is instantly recognisable as a BMW M model and the exhaust's minimal exhaust back-pressure ensures efficient performance. Added to which, the electrically controlled flap delivers the distinctive BMW M engine soundtrack across the entire rev range without pushing volume levels to their stipulated limits.

#### **Gearbox: Manual gearbox with automatic throttle blipping and M DCT**

The new BMW M2 comes as standard with a six-speed manual gearbox, featuring dry-sump lubrication and an engagement speed control function that blips the throttle on downshifts and lowers the engine's revs on upshifts.

An option is the latest generation of the seven-speed M DCT. With this system the driver can change gear either in automated mode or manually using the M gearshift lever on the centre console or shift paddles on the M leather steering wheel. The Drivelogic function tuned to the M DCT offers a choice of six driving programs (three in automatic mode and three in manual mode). The COMFORT, SPORT and SPORT+ settings can be activated using the Driving Experience Control switch. The integrated Launch Control function ensures the best possible acceleration off the line in all conditions.

M DCT with Drivelogic offers further specific M functions. For example, Stability Clutch Control (SCC) disengages the clutches when necessary to prevent oversteer and so stabilise the vehicle. The "creep on demand" function allows the driver to prompt the creep effect familiar from conventional automatic transmissions by nudging the

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accelerator while at a standstill – to manoeuvre out of tight parking spaces, for example. Another integrated feature is the Smokey Burnout function, which allows the driver to indulge in a degree of wheelspin. With DSC off, the system senses the speed of the accelerator pedal movement. Rapid movement will allow a rev increase and the clutch is closed very quickly, allowing a sustained burnout.

#### **Chassis: optimised for the road and the racing circuit**

For the new M2, the BMW M GmbH engineers have sought inspiration from the lightweight aluminium front and rear axles of the current BMW M3/M4 models. For example, just the control arms, wheel carriers, axle subframes and stiffening plate of the double-joint spring-strut front axle weigh five kilograms less than would be the case with a conventional steel construction. Further stiffening measures optimise rigidity throughout the car.

All the control arms and wheel carriers of the new BMW M2's five-link rear axle are made from forged aluminium, which reduces the unsprung masses of the wheel-locating components by around three kilograms compared to a steel construction. In addition, a racing-derived rigid connection, dispensing with rubber bushings, is used to fix the lightweight steel grid-type rear axle subframe to the body.

The development of specific tyres for the new BMW M2 was integral to the project from the outset. The lightweight 19-inch forged wheels (front axle: 9J x 19, rear axle 10J x 19) substantially reduce rotating and unsprung masses. Together with the exclusive 19-inch Michelin Pilot Super Sport tyres (front axle: 245/35 ZR 19, rear axle: 265/35 ZR 19), they make a considerable contribution to the outstanding dynamic properties of the new BMW M2 and, at the same time, ensure impressive ride comfort.

The high-performance brakes of the new BMW M2 are also a product of motor sport and can be quickly identified by their brake callipers (front axle: four-piston fixed callipers, rear axle: two-piston fixed callipers), which are painted in a blue metallic finish and display the M logo at the front axle. In these M compound brakes, fitted as standard on the new BMW M2, the heavily loaded, perforated and inner-vented brake disc ring is made from grey-cast iron (front axle: 380mm in diameter, rear axle: 370mm in diameter),

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while the brake disc hub is manufactured from aluminium, thus saving weight.

The electrically power-assisted steering system features an integrated Servotronic function with M-specific characteristics that vary with road speed. Two settings – COMFORT and SPORT/SPORT+ allow drivers to adjust the steering's power assistance at any time

Meanwhile, an Active M Differential optimises traction and maximises directional stability. This electronically controlled multi-plate limited-slip differential has a locking effect that can be varied between 0 and 100 per cent according to the driving situation. Sensors including those of the DSC (Dynamic Stability Control) system determine the car's steering angle, accelerator position, brake pressure, engine torque, wheel speed and yaw rate. The control unit uses this analysis of the driving situation to detect the threat of traction loss on one side of the car and calculates the required locking effect, which is engaged by an electric motor. Full locking power is available within 150ms, and the system can even work proactively. An M Dynamic Mode allows more driver autonomy without removing the DSC altogether.

#### **Design: form through function delivers a powerful presence**

Characteristic M design elements define the front end of the new BMW M2, which features the signature BMW kidney grille with its BMW M logo. In fact, the large front apron with trapezoidal blades and the Air Curtains in the outer air intakes take inspiration from the iconic BMW 3.0 CSL touring car racer. Thanks to the careful channelling of the airflow around and through elements of the car, drag has been reduced by five per cent compared with the BMW 2 Series Coupé, despite the M2's stronger cooling performance. The aerodynamic measures have also reduced lift by 35 per cent and significantly improved aerodynamic balance at higher speeds.

Viewed from the side, the compact dimensions and hallmark BMW proportions with classic BMW Hofmeister kink give the M2 an unmistakable profile. Sculptural wing extensions at the front and rear axle (front: 55mm, rear: 80mm) are not only a stylistic statement, but also necessary to accommodate the wider track and wheels.

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The broad rear end of the new BMW M2 highlights its firm grip on the asphalt, a quality further reinforced by the horizontal lines in the boot lid and rear apron, the M rear spoiler on the boot lid, and the rear diffuser integrated into the rear apron.

#### **Interior: the perfect driving environment**

Sport seats, in black Dakota leather with blue contrast stitching and an M logo in the backrests, have adjustable side bolsters to give the driver and front passenger optimum support through fast corners. An M footrest and kneepad on the centre console for the driver continue the sporting theme. The Interior Comfort Package is also included as standard which includes extended storage, automatic two-zone climate control and extended lighting.

Instruments with BMW M2-specific dials and needles, a speedometer scale reaching round to 186mph and a rev counter reading up to 8,000rpm provide an indication of the car's extraordinary performance potential as soon as you climb aboard. Familiar M equipment items in the new BMW M2 also include M logos on the rev counter, gearshift lever, door sill plates and an M leather steering wheel with shift paddles.

#### **Equipment: fully performance capable with high tech options**

The new BMW M2 comes with an extensive range of equipment from the factory including Professional Navigation system and Xenon headlights as standard. Customers can also add further individual touches to their car with a select range of options. The new BMW M2 is available in four exterior paint finishes at no extra cost (Long Beach Blue metallic, Alpine White, Black Sapphire metallic and Mineral Grey metallic).

Innovative driver assistance systems and mobility services from BMW ConnectedDrive are also options. ConnectedDrive Services open up the world of vehicle connectivity to customers, revealing intelligent services and features as well as an extensive range of apps. The GoPro video app is a case in point, likewise the M Laptimer app from BMW M GmbH, which drivers can use to improve their driving style on the track precisely as required. Access to e-mail, weather information and news is possible via the car's integrated SIM card. Online Entertainment opens up access to more than 22 million music titles and over 200 internet radio channels.

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#### **Heritage: The legends of BMW M GmbH**

The new BMW M2 sees BMW M GmbH building on the success of the BMW 1 Series M Coupé. It continues the tradition of the legendary original BMW M3 – the E30 from 1986 – a car famed for its blend of agility and precision, as well as its supremacy on the racing circuit and rally stage. Looking further back, the M2 can also be seen as a close descendant of a car from 40 years ago: the BMW 2002 turbo.

First shown at the Frankfurt Motor Show, the BMW 2002 turbo was the first mass-produced turbocharged car offered for sale in Germany. The BMW engineers employed a Kugelfischer fuel injection system and KKK turbocharger to extract a tidy 170hp from the two-litre four-cylinder engine, enough to power the BMW 2002 turbo from zero to 62mph in 6.9 seconds.

With its large front spoiler, bolted-on plastic wing extensions and a spoiler lip on the boot lid signalled the impressive dynamic potential of the BMW 2002 turbo. The interior likewise upped its game to reflect the requirements of keen drivers.

The BMW 2002 turbo led the way in the 1970s in terms of driving dynamics with its cutting-edge suspension featuring a MacPherson front axle, a semi-trailing arm rear axle, anti-roll bars front and rear and inner-vented front disc brakes,

A total of 1,672 units of the BMW 2002 turbo were built between October 1973 and June 1975.

Another descendant of the M2 and most iconic racing BMW of all time is the original BMW M3 (E30), the sports version of the compact BMW 3 Series range. The 4.36-metre long, two-door car was conceived as a homologation model for the German Touring Car Championship and wore its ambitious sporting intentions proudly on its sleeve.

It won the World Touring Car Championship in its first season on the race track, while many more championship titles and countless individual wins mean the E30 BMW M3

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Group A remains the world's most successful touring car racer to this day. Four wins in a row at the 24-hour race at the Nürburgring-Nordschleife, for example, stand as testament to this. By mid-1991 around 18,000 units of the original BMW M3, which was also available in convertible form from 1988, had been built.

The closest brother to the BMW M2, the BMW 1 Series M Coupé arrived in 2011. It was the first M car based on the BMW 1 Series and was limited to 450 cars in the UK.

The BMW 1 Series M Coupé was powered by a three-litre six-cylinder in-line engine with M TwinPower Turbo technology and developed an output of 340hp and peak torque of 450Nm. The zero to 62 mph sprint was all over in just 4.9 seconds and top speed was an electronically-limited 155 mph.

The BMW 1 Series M Coupé came as standard with lightweight M Sport suspension, a mechanical differential lock with up to 100 per cent locking effect, M compound brakes and 19-inch aluminium wheels with mixed-size tyres. Track width was increased over the standard BMW 1 Series Coupé by 60mm at the front and 40mm at the rear.

Body style changes to the BMW 1 Series M Coupé included a new front apron with larger air intakes in response to the car's increased cooling requirement, as well as wing extensions and a new rear apron. The interior was upgraded in familiar M style with leather-covered M sports seats, an M sports steering wheel, interior trim strips in Alcantara and BMW M logos.

#### Sales

Model	2010	2011	2012	2013	2014	2015	YTD
BMW M1	N/A	384	66	1	N/A	N/A	N/A
BMW M3 Coupé	711	789	809	525	N/A	N/A	N/A
BMW M3 Convertible	256	255	205	306	7	N/A	N/A
BMW M3 Saloon	110	85	33	N/A	295	712	275
BMW M4 Coupé	N/A	N/A	N/A	N/A	1,062	1,565	376
BMW M4 Convertible	N/A	N/A	N/A	N/A	249	855	203



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BMW M5 Saloon	17	152	613	774	643	453	119
BMW M6 Coupé	11	3	58	148	217	200	49
BMW M6 Convertible	4	N/A	14	35	51	53	21
BMW X5M	62	56	21	10		107	34
BMW X6M	52	55	15	17	17	74	30

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#### Standard Equipment

##### BMW EfficientDynamics

Auto Start-Stop  
Brake Energy Regeneration  
ECO PRO mode  
Electric Power Steering (EPS)  
Lightweight engineering  
Reduced rolling resistance tyres  
Optimum Shift Indicator

##### Safety and technology

Alarm system (Thatcham Category 1) with remote control and engine immobiliser (EWS IV)

Airbags

- front, driver and passenger<sup>1</sup>
- head, front and rear - curtain head protection system
- side, front (seat-integrated)

<sup>1</sup> manual deactivation of front passenger airbag possible

Battery Age Recognition function

Battery safety cut-off

Brake discs, front - ventilated

Brake discs, rear

Brake pad wear indicator, front and rear

Bumper system - front and rear

- replaceable deformation elements for impacts up to 9mph

Central locking switch for all doors, fuel filler flap and luggage compartment

Check Control system for monitoring of lights and door/luggage compartment open warning

Conditioned Based Servicing

Crash sensor

- activating central locking release, hazard warning lights, battery safety cut-off, and interior lighting

Daytime driving lights

Direction indicator lights, clear lenses

Direction indicator side lights, integrated in exterior mirrors

Drive Performance Control with ECO PRO, Comfort and Sport modes

Dynamic brake lights

Dynamic Stability Control+ (DSC+)

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- Anti-lock Braking System (ABS) including Brake Assist
- Automatic Stability Control (ASC)
- Brake drying
- Braking readiness
- Cornering Brake Control (CBC)
- Dynamic Brake Control (DBC)
- Dynamic Traction Control (DTC)
- Hillstart Assist
- First Aid Kit and Warning Triangle
- Fog lights, front
- Halogen headlights
  - headlight beam-throw control
  - follow-me-home function
- Heated exterior mirrors and heated windscreen washer jets
- High-level third brake light
- LED rear light bars
- Lights-on warning, by audio warning signal when ignition is switched off
- Park distance control (PDC), rear
- Personal Profile, extended
  - automatic lock when driving away selectable
- Rain sensor, with automatic headlight activation
- Rear fog light
- Remote control, including integrated key - two
  - one button for opening and one for closing all lockable contents, for opening and closing all the windows
  - separate button for opening of the luggage compartment
- Reversing light in rear light cluster
- Seat belt security check for driver and front passenger
- Side impact protection
- Start/Stop button with Comfort Go keyless engine start and Auto Start-Stop deactivation button
- Three-point seat belts, at all seats
  - pyrotechnic belt tensioners - front
  - belt force limiters - front
  - coded belt buckles - rear
- Twin horns
- Tyre pressure monitoring (from week 44 2015 3-level warning strategy) comprising;
  - 1st Level - Tyre pressure approximately 5% above minimum recommended value

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2nd Level - Request to refill as tyre pressure is down to minimum recommend value  
3rd Level - Breakdown warning due to sudden tyre pressure loss (below 1.5 bar)

Visible VIN

#### Seats

60:40 split folding rear seat  
Child seat ISOFIX attachment, for the two outer rear seats  
Four seats  
Move cloth upholstery  
Rear seat headrests, folding - two  
Standard seat for driver and passenger with manual adjustment

#### Audio and communication

3.5mm Auxiliary input point for auxiliary playing devices  
Bluetooth hands-free facility with USB audio interface and audio streaming  
BMW Navigation system comprising;  
Latest generation of Navigation system with 6.5" monitor  
Operation by iDrive with direct-selection buttons and 8 programmable favourites buttons.  
Arrow pointers, north-up, direction of travel and perspective map displays  
Navigation data on integrated harddrive with map-data updates available via USB interface  
TMC for lifetime of vehicle  
BMW Online Services  
BMW Professional radio with single CD player (with MP3 playback capability)  
With 6.5" monitor with 800x480-pixel resolution and two-way, six-speaker, 4x25W  
loudspeaker system  
DAB digital radio  
Rear window aerial  
On-Board Computer (OBC) comprising:  
average speed  
average and current fuel consumption, and range  
service interval messages  
clock and date  
odometer and trip meter  
outside temperature display with acoustic ice warning (at +3°C)

#### Interior equipment

12V power socket in centre console

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12V power socket in passenger footwell (located below glove box on right-hand side)  
Air conditioning, single-zone automatic  
Armrest front, sliding  
Coat hooks, integrated into rear of B-pillar  
Cupholders, two  
Door sill finishers with BMW designation, front - Black  
Electric windows - front and rear, with open/close fingertip control, anti-trap facility and comfort closing  
Floor mats in velour  
Glove box  
    Glove box handle with chrome surround  
Handbrake lever and gear lever knob in leather  
Heat protection glazing with green-tint  
Instrument cluster  
    Speedometer with miles per hour readout  
    Tachometer  
    Fuel gauge  
Interior lighting, front centre over interior mirror and rear centre  
    Automatic interior light activation when door is opened, when ignition switched off, or via remote key  
Interior trim, Satin Silver  
Lashing eyes in luggage compartment at sill - two  
Luggage compartment light  
Side armrests - front and rear, integrated into door trim  
Sport multi-function leather steering wheel, black  
    Speed limiting function  
Steering-wheel column adjustment, manual  
Storage compartment in rear centre console and in door trim, front  
Sun visors with vanity mirrors and ticket pocket  
Welcome light

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#### M2 specific additions

19" M Double-spoke style 437M with mixed tyres in Black

Active M Differential

Cruise control with braking function

Dakota leather upholstery with unique Blue stitching and M embossed front seats

Door sill finishers with M2 designation

Exhaust tailpipes, twin dual, Chrome

Interior trim, Carbon Fibre (open-pore) with Black high-gloss trim finisher

Kidney grille, Chrome with double Black vertical slats and M2 badging

M2 specific aerodynamic bodystyling, with unique front bumper, rear bumper and side skirts

BMW Media package - Professional, consisting:

- Navigation system - BMW Professional Multimedia
- BMW Emergency Call
- BMW TeleServices
- BMW Online Services
- Information Plus
- Real Time Traffic Information (RTTI)
- Remote Services
- TMC for lifetime

Metallic Paint (Alpine White, solid also available at no cost)

Mirror caps, body colour

M Dynamic mode

M TwinPower Turbo inline 6-cylinder petrol engine

- High-precision direct injection
- Double-VANOS
- TwinPower turbo turbocharging technology
- VALVETRONIC engine management

M multi-function leather steering wheel, finished in Nappa leather

M rear lip spoiler

M side strakes

M specific braking system, drilled compound structure discs with internal ventilation.

M specific Sport suspension, unique to M2

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Option	Cost
<b>Visibility package</b> - Headlight wash - Xenon headlights - Adaptive headlights - High-beam Assistant	£390.00
<b>Sun protection package</b> - Windscreen with grey shade band - Sun protection glass	£315.00
<b>Steering wheel heating</b> Thermostatically-controlled steering wheel rim heating. Activated via a switch on the steering wheel column with notification in instrument cluster when turning on/off. Features a Pearl Chrome frame around control button.	£160.00
<b>M DCT Gearbox</b> Seven-speed M Double Clutch Transmission with DRIVELOGIC provides uninterrupted power delivery during gear changes. Performance is improved, while fuel consumption and emissions are reduced. Manual gear change via steering wheel-mounted gearshift paddles or selector lever. Full automatic mode provides smooth gear changes for a more relaxed driving style. Includes Launch Control, gradient assist, hill detection and low speed assist.	£2,645.00
<b>Comfort Access</b> Keyless access to the vehicle (driver's door, passenger door and tailgate). Includes handle-area lighting in the outside door handles. Please note Comfort Go, keyless starting of the engine, is included as standard on all models.	£350.00
<b>Reversing Assist camera</b> Assistance for reverse parking and reverse manoeuvring. Image of the area behind the vehicle is shown in the Control Display. Camera is located in the rear bumper trim above number plate.	£330.00
<b>Glass sunroof</b> Electric glass sunroof with sun protection. Convenient opening and closing via remote key and one-touch function	£895.00

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<b>Exterior mirrors- folding, automatically dimming</b>	£275.00
<b>Seat adjustment - front, electric with driver memory</b> Electric adjustment of seat height, backrest, fore and aft position and tilt for both front seats with Pearl Chrome finish to control switches. Memory function for driver's side provides two memory positions. Head restraint height remains manually adjustable. Includes automatic dipping parking function (on passenger side when reverse is engaged - also available with 430 Exterior mirrors - folding, automatically dimming).	£650.00
<b>Through-loading system</b> Through-loading system integrated into backrest of rear seats. With folding rear centre arm rest with cup holder for two drinks. Includes 40:20:40 folding seats.	£175.00
<b>Lumbar support, driver and front passenger</b> Electrically adjustable lumbar support for driver and front passenger.	£230.00
<b>Seat heating for driver and front passenger</b> Multistage seat heating for driver and front passenger.	£295.00
<b>Driving Assistant</b> -Lane Departure Warning for detecting lane markings at speeds above approximately 45mph. If the car deviates from the lane of travel without the use of indicators, the steering wheel vibrates as an alert. If the indicators are used to signal, the system recognises this as an intentional lane change and the steering wheel will not vibrate.  -Forward Collision Warning operates at speeds above 10 mph and monitors vehicles ahead and warns the driver by an optical and acoustic alert if their approach could escalate into a rear-end collision. At higher speeds over 30 mph an urgent warning also activates brake preconditioning for maximum force.  -City Collision Mitigation proactively engages braking automatically for rapid reaction to potential vehicle collisions in driving situations up to 35 mph.	£390.00



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<p>-Preventive Pedestrian Protection proactively engages braking automatically for rapid reaction to potential collisions with humans and cyclists in urban driving situations up to 35 mph. The identification of pedestrians and cyclists is only active in daylight.</p> <p>-Attentiveness assistant includes audible warning in cabin and visual warning on iDrive when the system detects that the driver is losing concentration.</p>	
<p><b>Internet</b></p> <p>In-vehicle internet access via the embedded telematic system (PSIM). Full web browsing with content displayed in the vehicle Control Display and controlled with the iDrive acting as a mouse. Supports HTML 5 and Adobe Flash content.</p> <p>Internet is initially available for one year and can then be extended or renewed at a cost.</p>	£95.00
<p><b>Online Entertainment</b></p> <p>Music on Demand functionality that utilises the built-in vehicle SIM to access the music database of either Deezer or Napster (provider is subject to change without notice). Provides direct and unlimited access to millions of music tracks without the need for a mobile or MP3 device in the vehicle.</p> <p>Includes subscription to a chosen music partner for one year. An unlimited flat rate data allowance in the vehicle supports the streaming of music as well the ability to download to the vehicle hard drive for use offline. The cloud-based services of the music partners also allow for convenient access to the music library via external internet-enabled devices so music playback is not restricted to the vehicle. The subscription redeemed with this option can be used on a limited number of devices (including the vehicle), allowing the customer to create a playlist at home and have this same playlist available to stream in the vehicle.</p>	£160.00
<b>Speed-limit info</b>	£200.00

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Keeps the driver informed of the maximum permissible speed of the road and supplementary road signage e.g. no overtaking. A camera 'reads' relevant signs above and beside the road, and compares this information with the speed limits recorded in the navigation system. The speed limit is then displayed in the instrument cluster.	
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#### Technical data

		M2 Coupé	M2 Coupé
Transmission type		Manual Transmission	M DCT
Seats	--	4	4
Number of Doors	--	2	2
Vehicle length	mm	4468	4468
width	mm	1854	1854
height	mm	1410	1410
Width inc. mirrors	mm	1984	1984
Width incl. mirror driver	mm	1001	1001
Width incl. mirror passengers side	mm	983	983
Wheelbase	mm	2693	2693
Overhang front	mm	807	807
Rear overhang	mm	968	968
Turning circle	m	11.7	11.7
Ground clearance	mm	123	123
Shoulder width front	mm	1383	1383
Shoulder room rear	mm	1357	1357
Elbow width front	mm	1436	1436
Elbowroom rear	mm	1403	1403
Effective legroom front [L34]	mm	1055	1055
Effective legroom rear second seating row [L51-2]	mm	837	837
Max. headroom front	mm	1018	1018
Maximum headroom rear	mm	927	927
Headroom front/SR	mm	975	975
Maximum headroom second	mm	903	903
Knee clearance	mm	5	5
Luggage volumes	litres	390	390
Approach angle front	°	13	13

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Departure angle rear	°	15.7	15.7
Ramp angle	°	12.8	12.8
Fuel tank capacity (approx.)	litres	52	52
Curb weight (DIN)	Kg	1495	1520
Curb weight (EC)	Kg	1570	1595
Rear Weight distribution (empty car)	%	48.6	48.1
Gross vehicle weight	Kg	2010	2010
Payload	Kg	515	490
Axle load limit front	Kg	970	970
rear axle load limit	Kg	1080	1080
Roof load	Kg	75	75
Engine type	--	N55B30T0	N55B30T0
Cylinders	--	6	6
Valves per cylinder	--	4	4
Stroke	Mm	89.6	89.6
Bore	Mm	84	84
Displacement	cm³	2979	2979
Compression rate	:1	10.2	10.2
Rated engine power [kW]	kW	272	272
Engine power (HP)	PS	370	370
Engine power [bHP]	bHP	365	365
at rpm	1/min	6500	6500
Engine torque	Nm	465	465
Engine torque	ft lbs	343	343
Comm. torque	--	(Overboost: 500Nm)	(Overboost: 500Nm)
at rpm	1/min	1400-5560	1400-5560
Fuel type	--	gasoline	gasoline
Useable Fuel quality	--	ROZ95-98	ROZ95-98
Recommended fuel	--	ROZ98	ROZ98
Engine oil (filling quantity)	Litre	6.5	6.5
Output per litre	kW/dm³	91.3	91.3

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Power to weight ratio	kg/kW	5.5	5.6
Transmission type	--	K	M DKG 436
Transmission type	--	Manual transmission	DKG
Gear ratios 1st gear	--	4.11	4.806
2nd	--	2.315	2.593
3rd	--	1.542	1.701
4th	--	1.179	1.277
5th	--	1	1
6th	--	0.846	0.844
7th	--	-	0.671
Reverse gear	--	-3.727	-4.172
Final drive ratio	--	3.462	3.462
Power-steering	--	EPS	EPS
Steering transmission, overall	:1	15	15
Front tyres	--	245/35 ZR19 (93Y)	245/35 ZR19 (93Y)
Front rims	--	9Jx19 EH2+ LM	9Jx19 EH2+ LM
Rear tyres	--	265/35 ZR19 (98Y)	265/35 ZR19 (98Y)
Rear rims	--	10Jx19 EH2 LM	10Jx19 EH2 LM
Track front	mm	1579	1579
Width of the rear track	mm	1601	1601
Wheel offset front	mm	29	29
Wheel offset rear	mm	40	40
Run flat tyres	--	no	no
Minimum track	m	11.2	11.2
A	m²	2.21	2.21
Cx	--	0.35	0.35
Air resistance	m²	0.77	0.77
Top speed (limited)	mph	155	155
Top speed (limited)	km/h	250	250

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0-62mph	s	4.5	4.3
KV01 city	mpg	24.4	26.9
KV01 highway	mpg	42.2	44.1
KV01 combined	mpg	33.2	35.8
KV01 city	l/100km	11.6	10.5
KV01 highway	l/100km	6.7	6.4
KV01 combined	l/100km	8.5	7.9
CO2 combined	g/km	199	185
Emission classification (type-certified)	--	EU6	EU6
Battery Capacity (low voltage)	Ah	80	80
System voltage (low voltage)	V	12	12

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**Output and torque diagrams**



**465 Nm @ 1400–5560 rpm**

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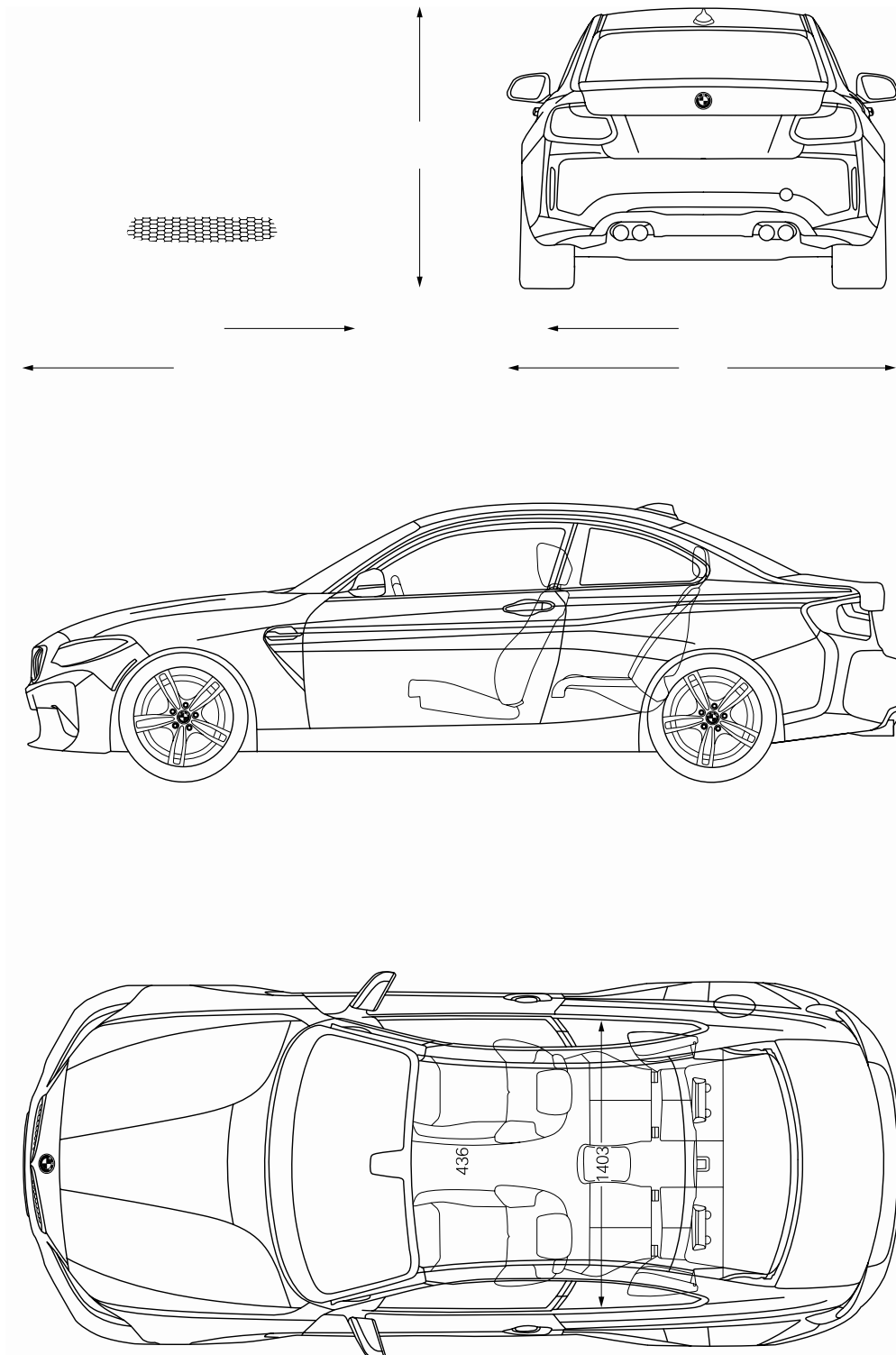
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#### Exterior and Interior dimensions





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#### Ends

#### The BMW Group

With its three brands BMW, MINI and Rolls-Royce, the BMW Group is the world's leading premium manufacturer of automobiles and motorcycles and also provides premium financial and mobility services. As a global company, the BMW Group operates 30 production and assembly facilities in 14 countries and has a global sales network in more than 140 countries.

In 2015, the BMW Group sold approximately 2.247 million cars and nearly 137,000 motorcycles worldwide. The profit before tax for the financial year 2015 was approximately € 9.22 billion on revenues amounting to € 92.18 billion. As of 31 December 2015, the BMW Group had a workforce of 122,244 employees.

The success of the BMW Group has always been based on long-term thinking and responsible action. The company has therefore established ecological and social sustainability throughout the value chain, comprehensive product responsibility and a clear commitment to conserving resources as an integral part of its strategy.

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