



Media Information
6 November, 2019

The new BMW M2 CS.

- **Outstanding track performance with everyday usability.**
- **Intelligent lightweight construction with extensive use of carbon fibre.**
- **Blistering performance: zero to 62mph in 4.0 seconds with a top speed of 174mph.**
- **Straight-six twin-turbocharged engine delivers 450hp with 550Nm peak torque.**
- **On sale from Spring 2020, prices start from £75,320 OTR.**

The arrival of the new BMW M2 CS is BMW M GmbH's first CS model in the premium compact high-performance sector and will build on the success already achieved by the awe-inspiring BMW M3 CS and BMW M4 CS models.

A sports car for everyday use, this special edition will be offered in limited numbers and will form the basis for the BMW M2 CS Racing model, BMW M Motorsport's new entry point to amateur racing and the new Clubsport segment from the 2020 season.

The exclusive BMW M2 CS is positioned one rung up the performance ladder from the BMW M2 Competition. It blends outstanding track performance with unrestricted everyday usability and sets new, class-leading standards for acceleration, handling dynamics, precision and agility designed to stir the emotions of a younger target audience.

BMW M GmbH has used an array of carbon fibre-reinforced plastic (CFRP) components to convey the sports pedigree of the BMW M2 CS, with power provided by a twin-turbocharged straight-six 450hp engine – up by 40hp from the BMW M2 Competition.

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In order to achieve maximum agility, the M2 CS features Adaptive M suspension, Michelin Cup tyres and standard M Sport brakes with red-painted callipers, while M Carbon ceramic brakes are available as an option.

Lightweight carbon fibre bonnet and roof.

Both the bonnet and the roof on the BMW M2 CS are made entirely from carbon fibre. The bonnet, which includes a central air vent in High-gloss Black, has been designed to aid engine cooling and increase the car's downforce over the front wheels. The bonnet's weight has been halved, while the new roof makes the body more rigid and appears to have been cut from the same mould as the rest of the car; no trim strips are needed, meaning no visible joins either. This has the additional effect of enhancing acoustics, both inside and outside the car. Dispensing with the customary roof bows and insulation also saves weight and, together with the lighter bonnet, this serves to lower the vehicle's centre of gravity, resulting in even better driving dynamics.

The new front splitter, the Gurney spoiler lip on the boot lid and the rear diffuser are all made from exposed carbon fibre and these three add-ons increase downforce and optimise aerodynamics; the iconic M wing mirrors are in matching carbon fibre. The M2 CS also features a redesigned dual-branch exhaust system with its quartet of stainless-steel tailpipes with M logo, and the car carries an M2 CS badge at the rear. The Misano Blue metallic paint finish is exclusive to the new BMW M2 CS, whilst three other colours from the M2 Competition are optionally available (Hockenheim Silver, Black Sapphire and Alpine White).

Adaptive M suspension and M Sport brakes fitted as standard.

The BMW M2 CS features standard-fitted Adaptive M suspension and M Sport brakes designed with motor racing know-how. The Adaptive M suspension gives drivers the choice of Comfort, Sport and Sport+ modes, each of which alters the damper settings. Comfort mode is largely for everyday urban driving, while Sport lends itself to powering along country roads. Drivers taking their BMW M2 CS out on a track will want to select Sport+; which delivers the firmest chassis setup, minimises body movement and maximises dynamic performance.

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Electric Power Steering with M-specific characteristics controls power assistance electronically according to the car's speed and the Drivelogic settings selected. It allows the driver to adapt the level of power assistance to suit their personal preferences and is also adjusted in line with the three suspension modes.

The M Sport brakes also benefit from the motor racing experience of BMW M GmbH. Compared with the M compound brakes featured on the BMW M2 Competition, the brake discs are larger (front: diameter 400mm, rear: diameter 380mm) and the brake callipers – painted in a bold red colour – have also been upgraded (front: six-piston fixed callipers, rear: four-piston fixed callipers). The BMW M2 CS is also available with the option of M Carbon ceramic brakes with six-piston callipers at the front and four-piston units at the rear, with the callipers painted in gold.

Active M Differential and specially tuned DSC.

The BMW M2 CS features Dynamic Stability Control (DSC) which is aided by the Active M Differential to enhance traction and handling stability. The differential's permanent and continuously variable control results in sharper agility, elimination of understeer at corner entry and superior directional stability during braking and load changes.

As part of DSC, the driver can select M Dynamic Mode (MDM) to allow a greater degree of wheel slip, which can be useful in certain situations such as high-speed track driving. The system pushes back the intervention points for the DSC system's various stabilising measures, giving drivers extra leeway to explore the car's dynamic limits. More significant oversteer and understeer are possible, as are moderate, controlled drifts. However, drivers can still depend on the array of DSC driving safety aids to intervene in critical situations.

19-inch wheels with Cup tyres.

The BMW M2 CS rides on 19-inch V-spoke Jet Black forged wheels that have been developed with M GmbH engineers applying the principles of systematic lightweight design. As a result, the front wheels weigh just 9kg while the rears add less than 10kg. The wheels can also be specified in an optional matt gold finish. The front wheels use 245/35 ZR 19 Michelin Pilot Sport Cup 2 tyres with 265/35 ZR 19 tyres at the rear. Customers intending to use their M2 CS mainly for everyday driving can select the

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no-cost option of Michelin Pilot Super Sport tyres, which generate more grip on wet roads than the Cup 2 tyres.

Engine and performance.

The twin-turbocharged six-cylinder in-line engine in the BMW M2 CS is derived from the unit fitted in the BMW M4 Competition Coupe. The engine uses BMW TwinPower Turbo technology and generates 450hp, which is 40hp more than the BMW M2 Competition. Peak torque of 550Nm is on tap between 2,350 and 5,500rpm and this enables the BMW M2 CS to race from zero to 62mph in just 4.0 seconds when equipped with the optional seven-speed M double-clutch transmission (M DCT). The same sprint takes 4.2 seconds with the six-speed manual gearbox. Top speed of the special-edition model, which comes complete with the M Driver's Package, is an electronically governed 174mph. Manual models achieve combined fuel consumption figures of 27.2-27.7mpg and combined CO₂ emissions of 238-233g/km*. Cars fitted with the M DCT transmission return 29.4mpg-30.1mpg with CO₂ emissions of 219-214g/km*.

	Power output (hp)	Peak Torque (Nm)	Acceleration (0-62mph)	Top Speed (mph)	Fuel consumption (mpg)*	CO ₂ emissions (g/km)*	OTR Price
BMW M2 CS	450	550	4.2 (4.0)	174	27.2-30.1	214-238	£75,320

Exterior design.

The BMW M2 CS features a number of design modifications over the BMW M2 Competition, such as a bonnet air vent that helps to dissipate hot air more effectively. The BMW M2 CS has retained its sibling's large kidney grille and large air intakes in the front apron to optimise the flow of air through the car's front end. The track-tested cooling system originates from the BMW M4 Competition and comprises a central radiator plus two radiators at the sides, along with an additional engine oil cooler. Models specified with the optional seven-speed M DCT also benefit from a separate

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transmission oil cooler. This sophisticated system ensures that optimum operating temperatures are maintained at all times, not only in everyday road use and on short urban journeys, but also during track outings.

Dual-branch exhaust system.

The M2 CS also features a dual-branch design with a familiar quartet of tailpipes, each bearing the M logo. Two electrically controlled flaps ensure the BMW M2 CS emits a sound worthy of a BMW M model. The M Engine Dynamics Control function with direct selection buttons in the centre console which allows drivers to vary the engine note further through their driving mode selection.

Choice of two transmissions.

The BMW M2 CS is the first CS model from BMW to be fitted as standard with a six-speed manual gearbox. Standout characteristics include its compact construction and low weight, while carbon friction linings for smoother shifting also feature. Shift comfort is further improved by the gearbox's engagement speed control, which automatically blips the throttle when changing down and lowers the engine revs when changing up. This also gives the car extra stability when pushed hard on the track. Engagement speed control is deactivated when DSC is switched off.

M double-clutch transmission.

Customers can also specify the optional seven-speed M double-clutch transmission (M DCT) with Drivelogic. DCT consists of two sub-transmissions (each with its own clutch) that deliver extremely fast gear changes without any interruption in power flow. The gear changes can be performed either automatically or manually by the driver using the gearshift lever on the centre console or the shift paddles on the M leather steering wheel. In both automatic and manual modes, the Drivelogic function gives the driver the choice of three preconfigured settings: EFFICIENT, SPORT and SPORT+. In automatic mode these alter shift timing, shift speed and the automatic blip of the throttle on downshifts.

The manual mode settings only affect the speed of gear shifts, with the timing determined by the driver. The system can predict the driver's next gear selection based on rev speed, accelerator pedal position, acceleration and the chosen setting, allowing it

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to engage the next gear before the shift paddle has even been operated. At this point, one clutch is simply disengaged and the other engaged to complete the gear change with lightning speed.

The interior.

The cabin of the BMW M2 CS blends fine Alcantara and innovative lightweight design. Its centre console is made entirely of lightweight carbon fibre, producing a weight saving of more than 50 per cent compared with the standard car. CFRP has also been used for the door handles and door panel trims.

Other features include a door sill plate with M2 CS badging and the lightweight M Sport driver's seat fitted in the BMW M4 CS. The seat's bucket-style design takes its inspiration directly from motor racing and guarantees optimum lateral support even when the driver is pushing the limits on the racetrack. The seat backrests are upholstered in Merino leather and Alcantara: they feature red contrast stitching which is carried through on the armrests, the centre console and the door and side panel trim. The front seats' integral head restraints feature BMW M stripes, while the Merino rear seats sport CS badging and continue the CS-specific red contrast stitching.

M Sport steering wheel.

The standard M Sport steering wheel finished in black Alcantara, features a red centre marker at the 12 o'clock position to ensure racing drivers feel at home. The distinctive M2 CS badging in the instrument cluster can be seen clearly through the M Sport steering wheel, while Alcantara also adorns the centre-console armrest and an interior trim strip on the instrument panel. The trim strip's large red CS logo clearly identifies this as the new range-topping car in the BMW M2 line-up.

Standard Specification.

The M2 CS also benefits from a high level of upgraded standard features over and above the M2 Competition. The BMW Icon Adaptive LED headlights with High Beam Assistant ensure a distinctive appearance on the road with hexagonal day time driving lights, whilst the harman/kardon sound system improves the interior audio experience. Sun Protection Glazing is included as standard, rounding off the sporting appearance of the M2 CS.

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The BMW M2 CS is available to order today with first orders arriving in Spring 2020. Prices start from £75,320 OTR.

Ends

*All figures relating to the performance, fuel/electric power consumption and CO2 emissions are provisional.

The fuel consumption and CO2 emission figures are determined according to the European Regulation (EC) 2007/715 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The information has already been calculated based on the new WLTP test cycle and adapted to NEDC for comparison purposes. In these vehicles, different figures than those published here may apply for the assessment of taxes and other vehicle-related duties which are (also) based on CO2 emissions.

For further details of the official fuel consumption figures and the official specific CO2 emissions of new cars, please refer to the "Manual on the fuel consumption, CO2 emissions and power consumption of new cars" available free of charge at all sales outlets, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen and at <https://www.dat.de/co2/>.

The BMW Group

With its four brands BMW, MINI, Rolls-Royce and BMW Motorrad, the BMW Group is the world's leading premium manufacturer of automobiles and motorcycles and also provides premium financial and mobility services. The BMW Group production network comprises 31 production and assembly facilities in 15 countries; the company has a global sales network in more than 140 countries.

In 2018, the BMW Group sold over 2,490,000 passenger vehicles and more than 165,000 motorcycles worldwide. The profit before tax in the financial year 2018 was € 9.815 billion on revenues amounting to € 97.480 billion. As of 31 December 2018, the BMW Group had a workforce of 134,682 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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