

Media Information

6 December 2022

The new BMW M4 CSL now in Singapore. **The Re-Edition of a Legend.**



Singapore. BMW Asia today announced that the new BMW M4 CSL is now in Singapore.

With immense power, intelligent lightweight design, two-seater configuration, model-specific chassis upgrades, and equipment features selected specially for the job at hand, the new BMW M4 CSL has track driving as its raison d'être. The genes the M4 CSL shares with its competition-spec sibling, the BMW M4 GT3, are also reflected in its performance attributes. In a record-breaking run on the Nürburgring's Nordschleife circuit, the BMW M4 CSL posted the fastest lap times ever for a series-produced BMW car. Its official and notarised lap time

for the 20.832-kilometre / 12.943-mile circuit (the complete lap) was 7 min. 20.207 sec. Acceleration figures of 3.7 seconds from 0 to 100 km/h and 10.7 seconds for the sprint from 0 to 200 km/h are similarly impressive. The BMW M4 CSL has an electronically governed top speed of 307 km/h.



"Competition, Sport, Lightweight": a recipe with a rich tradition.

Production of the special-edition model began – in a limited run of exactly 1,000 examples – at BMW Group Plant Dingolfing in July 2022. The stripped-back racing character of the BMW M4 CSL is underpinned by a time-honoured concept that harnesses cutting-edge development expertise and the latest technology to create an enthralling end result. "CSL" stands for "Competition, Sport, Lightweight", referencing the critical role of weight-minimised design in achieving success in motor sport. The BMW 3.0 CSL developed by BMW Motorsport GmbH according to this same principle won the European Touring Car Championship at the first attempt in 1973. And the M4 CSL is also following in the tyre tracks of successful special-edition models from earlier generations of the BMW M3/M4, most notably the legendary BMW M3 CSL from 2003 and the BMW M4 GTS unveiled in 2016.

Present and correct in the fundamentals and the details: intelligent lightweight design in the BMW M4 CSL.

Its talent for innovation and racing know-how enabled BMW M GmbH to restrict the special edition's DIN kerb weight to 1,625 kilograms. A standout power-to-weight ratio of 2.95 kilograms per hp (4.01 kg/kW) provides the ideal platform for a dynamically sublime driving experience.

Fitting M Carbon full bucket seats reduced weight by around 24 kilograms on its own compared with the standard seats fitted in the BMW M4 Competition Coupé. 21 kilograms were saved by removing the rear seats and seat belts, integrating a partition and making the associated modifications to the luggage compartment.



Chassis changes, including the addition of extra-lightweight M Carbon ceramic brakes and special light-alloy wheels, springs and struts, lowered the figure by around another 21 kilograms. Paring back the amount of soundproofing plus switching to ultra-lightweight sound insulation saved around 15 kilograms, while the use of components made from carbon-fibre-reinforced plastic (CFRP) deducted some eleven kilograms. For example, in addition to its CFRP roof, the bonnet and boot lid of the BMW M4 CSL are also hewn from this lightweight high-tech material, as is its centre console. And a titanium rear silencer cuts more than four kilograms from the weight of the exhaust system. Detail modifications to areas such as the BMW kidney grille, rear lights, floor mats, and automatic climate control shave off another four kilograms.

The carbon-fibre structure of the body components is visible in various areas, including the two chiselled indents in the bonnet. The surfaces of the indents – which are not painted in body colour – are highlighted additionally by red outlines. Red accent lines also bring extra emphasis to the two fins on the CFRP roof of the new BMW M4 CSL, the contours of its side sills, the black model badges, and the model-specific CFRP splitters and air curtain inserts in the front apron.

BMW Laserlight: yellow daytime running lights and innovative rear lights.

The BMW Laserlight headlights bring another head-turning accent to the front end of the new BMW M4 CSL. Both in the welcome effect triggered when unlocking the doors and when the

low and high beam are switched on, the daytime running lights illuminate in yellow rather than white, bringing to mind the look of successful GT racing cars.

The LED rear lights of the new BMW M4 CSL are equipped as standard with technology making its debut in a series-produced car. Their glass covers have intricate light threads woven into them which are illuminated using laser technology, bringing a vibrant structure to the surface of the lights. This creates a highly distinctive light signature that is recognisable from a long distance during the hours of darkness.



Six-cylinder in-line engine with race-focused character.

The model-specific power unit of the BMW M4 CSL is based on the same high-revving, six-cylinder in-line engine with M TwinPower Turbo technology found in the BMW M4 GT3 racing car.

Its substantial performance reserves enabled a major hike in power without having to make any concessions in terms of stability or durability. Key to this power boost was an increase in the maximum charge pressure of the two mono-scroll turbochargers from 1.7 bar to 2.1 bar and model-specific tweaks to the engine management. The BMW M4 CSL's engine develops peak torque of 650 Nm between 2,750 and 5,950 rpm. Its maximum output of 550 hp is produced at 6,250 rpm.

The race-derived design of the 3.0-litre engine is focused squarely on high revs and maximum power development. The crankcase's sleeve-free, closed-deck construction helps to make it extremely rigid, while the forged lightweight crankshaft allows it to handle extremely high levels of torque. Another special M-specific feature is the cylinder head core made using 3D printing techniques.

Both the cooling and oil supply systems are designed to handle the particular challenges presented by track driving. The twin-tailpipe exhaust system with electrically controlled flaps and weight-minimised titanium rear silencer additionally generates a racing-car-inspired, emotionally engaging engine note created especially for the new BMW M4 CSL.

The drive torque produced by the engine is relayed to the rear wheels of the new BMW M4 CSL via an eight-speed M Steptronic transmission with Drivelogic. Model-specific mountings for the engine and transmission ensure the engine's power is translated into dynamic performance in exceptionally rapid and direct fashion. The firmer connection of the engine and transmission to the car's structure is clearly perceptible, especially under hard driving.

Optimised body rigidity, model-specific chassis technology.

Like the engine in the new BMW M4 CSL, its chassis technology benefits from a wealth of detail upgrades – which have been tailored to the power unit's performance characteristics. These modifications also factor in the substantial reduction in vehicle weight at play here and the model-specific improvements to body rigidity, allowing the blend of handling agility, dynamism and precision for which BMW M cars are renowned to be taken to new heights.

In the engine compartment, a composition of front-end strut braces developed entirely from scratch raises the body rigidity of the new BMW M4 CSL up another level. Using numerical models, the geometry of the cast aluminium elements between the spring strut towers and the front end has been adapted precisely to the forces exerted in different driving situations.

The individually tuned axle kinematics and model-specific wheel camber settings, dampers, auxiliary springs and anti-roll bars optimise steering precision, transmission of lateral control forces when cornering, spring and damping response, and wheel location. The model-specific wheel suspension is accompanied by a drop in ride height of eight millimetres compared with the BMW M4 Competition Coupé. Specified as standard are the adaptive M suspension with

electronically controlled dampers, electromechanical M Servotronic steering with variable ratio, and M Carbon ceramic brakes. An M-specific version of the integrated braking system offers the driver excellent pedal feel even when pushing the dynamic limits and in adverse road conditions.

M Traction Control optimised for the track.

The standard-fitted M Traction Control function with model-specific track tuning lets the driver set individual intervention thresholds for wheel slip limitation. On dry surfaces, stages 1 to 5 of M Traction Control help the driver to execute controlled drifts. Stages 6 to 10 are based on the application developed for touring car racers and make allowance for both surface conditions and tyre temperature to maximise traction and directional stability.



Also specified as standard are forged M light-alloy wheels in an exclusive cross-spoke design (19 inches at the front axle and 20 inches at the rear). These are fitted with high-performance sports tyres specially developed for the special-edition model in size 275/35 ZR19 (front) and 285/30 ZR20 (rear).



Equipment designed to provide a race-car feeling and everyday usability.

Model-specific equipment features give the BMW M4 CSL a distinctive balance between sports car purism, unrestricted everyday usability and exclusive premium substance. The M Carbon

bucket seats for the driver and co-driver are marked out by their self-supporting CFRP structure and purposeful rejection of comfort-enhancing features. They have a fixed backrest

angle, forward/back adjustments can be made manually, and the seat height can only be adjusted in a workshop using a three-stage screw linkage. The M Carbon full bucket seats also have detachable head restraints and allow the integration of a six-point belt system.

The M Alcantara steering wheel, anthracite-coloured headliner, Carbon Fibre interior trim strips, "CSL" badges on the seats, centre console and rear panel, plus M-specific displays also help to create the perfect on-board setting for concentrated driving pleasure. Merino leather trim with extended features and M seat belts are also standard. Two helmet storage units can be found in the rear compartment.

The M-specific control/operation system includes the M Setup button for direct access to numerous vehicle settings and two M buttons on the steering wheel for storing preferred configurations. Also specified is the M Drive Professional system including M Drift Analyser and M Laptimer, plus the M Mode button for activating ROAD, SPORT, and TRACK settings.

The likewise standard BMW Live Cockpit Professional comprises a fully digital screen grouping made up of an instrument cluster with a 12.3-inch screen diagonal behind the steering wheel and a 10.25-inch control display. Among its functions are the navigation system BMW Maps, the BMW Intelligent Personal Assistant, telephony with wireless charging, and a Wi-Fi interface. The BMW Head-Up Display with M-specific elements ensures vital information is within easy sight.

The range of comfort-enhancing features and driver assistance systems fitted in the BMW M4 CSL are focused on the essentials, in keeping with its intelligent lightweight design approach and puristic vehicle concept. Standard specification in Singapore includes Park Distance Control, Front Collision Warning, Lane Departure Warning, Speed Limit Info, Driving Assistant and Parking Assistant systems.

-End-

For media enquiries, please contact:

BMW Group Asia

Corporate Affairs Department

BMWAsiaCorpAffairs@bmw.com

Tel: (+65) 6838 9600

Media Website: www.press.bmwgroup.com

LinkedIn: <https://www.linkedin.com/company/bmw-asia>

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 over 30 production sites worldwide; the company has a global sales network in more than 140 countries.

In 2021, the BMW Group sold over 2.5 million passenger vehicles and more than 194,000 motorcycles worldwide. The profit before tax in the financial year 2021 was € 16.1 billion on revenues amounting to € 111.2 billion. As of 31 December 2021, the BMW Group had a workforce of 118,909 employees.

The success of the BMW Group has always been based on long-term thinking and responsible action. The company set the course for the future at an early stage and consistently makes sustainability and efficient resource management central to its strategic direction, from the supply chain through production to the end of the use phase of all products.

www.bmwgroup.com

Facebook: <http://www.facebook.com/BMWGroup>

Twitter: <http://twitter.com/BMWGroup>

YouTube: <http://www.youtube.com/BMWGroupView>

Instagram: <https://www.instagram.com/bmwgroup>

LinkedIn: <https://www.linkedin.com/company/bmw-group/>

1. The new BMW M4 CSL specifications.

BMW M4 CSL

In-line six-cylinder petrol engine, BMW M TwinPower Turbo technology with two mono-scroll turbochargers, indirect charge air cooling, High Precision Injection (maximum injection pressure: 350 bar), VALVETRONIC fully variable valve control and Double-VANOS variable camshaft timing.

Capacity: 2,993 cc.

Output: 550 hp at 6,250 rpm.

Torque: 650 Nm at 2,750 – 5,950 rpm.

Acceleration (0 – 100 km/h): 3.7 seconds.

Top speed: 307 km/h.

Fuel consumption (combined): 10.0 L/100 km.

CO₂ emissions (combined): 227 g/km.