

**Media Information**

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**The BMW XM Label – The Most Powerful BMW M Model Ever Made.**

- **The M HYBRID system fuses a high-revving V8 with a powerful electric motor for 738 hp.**
- **0-100 km/h in 3.8 seconds and a top speed of 282 km/h with standard M Driver's Package.**
- **Production to start in August 2023 in BMW Group Plant Spartanburg.**
- **MSRP of \$259,000 CAD.**

**Richmond Hill, ON.** Today, BMW M GmbH presents an even more powerful, more exclusive version of its first-ever electrified high-performance vehicle. The 2024 BMW XM Label brings together an M HYBRID drivetrain with additional power and unique design accents that clearly announce its exceptional performance capabilities. With a maximum system output of 738 hp, the BMW XM Label is simply the most powerful BMW M road vehicle ever made.

The BMW XM Label will make its world debut at the Auto Shanghai international motor show in April 2023. Production will begin in August 2023 at BMW Group Plant Spartanburg in South Carolina.

**Superlative power from the M HYBRID drivetrain system.**

The M HYBRID system in the BMW XM Label clearly demonstrates the benefits of electrification in high-performance models from BMW M. The seamless interaction of the electric motor and V8 engine ensures instantaneous power delivery that builds emphatically and continues into the highest reaches of the rev range. This combination of

combustion engine and electric motor is conceptually similar to the powertrain found in the new BMW M Hybrid V8 endurance racing car, which made its debut in the 24 Hours of Daytona race in the North American IMSA series this year and will compete in events throughout 2023 leading up to the 24 Hours of Le Mans in 2024.

A maximum system output of 738 hp represents a 94-hp increase over the standard BMW XM. Overall system torque is up by 148 lb-ft and now peaks at 738 lb-ft. Power is sent to the road by the M xDrive all-wheel-drive system. In conjunction with model-specific chassis technology and fast-acting, high-precision powertrain and chassis controls, the BMW XM Label delivers a unique performance experience with power and agility at entirely new levels.

### **M TwinPower Turbo technology and classic high-revving character.**

The M HYBRID system of the BMW XM Label blends the virtues of electrification with the traditional qualities of a high-revving 8-cylinder combustion engine with M TwinPower Turbo technology. The latest generation of the V8 delivers extremely rapid power delivery, increased efficiency, and minimized emissions. As well as a cross-bank exhaust manifold, it also features a reinforced crankshaft drive, turbocharging with an electrically controlled blow-off valve, upgraded oil supply, and optimized oil separation.

In the BMW XM Label, the 4.4 litre V8 alone produces 577 hp at 5,600 rpm – a 94-hp increase over the unit in the standard BMW XM. Peak torque is 553 lb-ft – an increase of 74 lb-ft over the standard model – and is available from 1,800 to 5,400 rpm.

### **Instantaneous power delivery: electric motor with innovative pre-gearing stage.**

Like the V8 engine, the electric motor of the M HYBRID system also employs innovative technology to deliver a noticeable increase in power. The permanently excited synchronous motor is integrated into the 8-speed M Steptronic transmission together with its power electronics and helps to provide precise throttle response and nearly

instantaneous power delivery.

The electric motor contributes up to 194 hp to the maximum system output of the BMW XM Label along with 207 lb-ft of torque. A pre-gearing stage patented by BMW is used to increase the torque produced by the motor to an effective maximum of 332 lb-ft at the transmission input for the motor. In this way, the compact motor can provide the sort of torque boost that could normally only be achieved using a far larger and heavier unit.

The improved build-up of power resulting from the pre-gearing stage between the electric motor's rotor and the transmission's input shaft can be clearly felt, both when accelerating off the line and when putting in a quick burst of speed. Combined with the optimized power delivery of the V8 engine and its high-revving character, this produces astonishing acceleration. The BMW XM Label needs just an estimated 3.8 seconds to sprint from 0 to 100 km/h. Top speed is electronically limited to 282 km/h with the standard M Driver's Package.

### **Powerful high-voltage battery, BMW IconicSounds Electric, Combined Charging Unit and predictive heat management.**

The electric motor draws its energy from a high-voltage lithium-ion battery integrated into the underbody. The battery provides a constant flow of power across a wide temperature range and under the heavy loads encountered in high-performance driving. It has a net energy content of 19.2 kWh. Together with the electric motor's excellent efficiency and the system of intelligent energy management, this enables an estimated electric range of about 50 kilometers.

Under battery power alone, the BMW XM Label is capable of purely electric journeys around town and beyond; emission-free and in near silence. The BMW XM Label can achieve 140 km/h in electric mode. The power delivery of the electric motor is enhanced by BMW IconicSounds Electric, developed in collaboration between BMW and film score composer Hans Zimmer.

The Combined Charging Unit of the M HYBRID system enables AC charging at up to 7.4 kW. This means the high-voltage battery can be replenished from zero to 100% charge in 3.25 hours. Predictive heat management reduces charging times by preconditioning – warming or cooling – the HV battery. The charging cable is kept in a stylish weekender bag secured in the rear cargo area using a carabiner-belt combination in M tricolour.

**Supreme traction, captivating performance: M xDrive and M Sport Differential.**

The M xDrive all-wheel-drive system is rear-biased, which lends the BMW XM Label a dynamic sense of agility and poise; especially so in 4WD Sport mode. When the DSC (Dynamic Stability Control) system has been fully disengaged, the traction-optimized 4WD Sand mode – conceived specifically for driving over dunes and similar surfaces – can be activated via the M Setup menu.

Supporting and augmenting the performance of the M xDrive system is an electronically controlled differential lock in the rear axle, which further enhances traction, agility and directional stability. The M Sport Differential brings on-demand, fully variable distribution of drive torque between the left and right rear wheels.

**Model-specific chassis tuning, integrated transverse dynamics management.**

The most powerful roadgoing BMW M vehicle ever made impresses not only with the unique power delivery of its M HYBRID system, but also with the breadth of its driving attributes. The BMW XM Label's sophisticated chassis technology gives it an extraordinary range of abilities, from spirited handling to long-distance comfort, and is adapted to the unique performance characteristics of the powertrain with the precision for which BMW M models are renowned.

Standard equipment for the BMW XM Label includes Adaptive M Suspension Professional – featuring electronically controlled dampers and active roll stabilization with Active Roll



Comfort to eliminate body roll on one side of the vehicle – and Integral Active 4-Wheel Steering. The M Sport braking system comprises six-piston, fixed-caliper brakes at the front and single-piston, floating-caliper units at the rear. It teams with the latest-generation integrated braking system, which ensures the stopping power generated by recuperation and the friction brake is delivered with consistency and precision, and offers the driver two programmable pedal feel settings.

Along with the systems mentioned above, the near-actuator wheel slip limitation tech integrated into the engine management and the Performance Control function are networked with the central transverse dynamics management. The integration of all powertrain and chassis systems together with the fine-tuning carried out on varying types of roads with the help of BMW M GmbH's motorsport expertise has resulted in a well-resolved driving experience in every situation and with every configuration.

### **Extroverted design with exclusive details.**

The muscular proportions of a dynamic Sports Activity Vehicle converge with a bold, self-confident exterior design featuring large surfaces, clear lines and a front-end look reserved for BMW's luxury-class models. And added to the mix here are design accents underscoring the singular character of the BMW XM Label as a vehicle focused on achieving the highest peaks of performance.

The distinguishing features of the BMW XM Label include an available Toronto Red Metallic accent band in place of the standard black. The use of red also extends to the model badges and the inserts on the available 22-inch wheels. The BMW XM Label is fitted as standard with 23-inch light-alloy wheels, with 22-inch wheels available as a no-cost option. The BMW M kidney grille frame and rear diffuser highlights are finished in high-gloss black as standard.

Customers will be able to choose from more than 50 BMW Individual special paint finishes as standard, including Urban Green, Petrol Mica Metallic, Anglesey Green Metallic and



Sepia Metallic. The new BMW Individual Visualizer (which can be explored [here](#)) will be available from the start of orders for the BMW XM Label to help customers with the paint selection process. The vehicle is realistically depicted in the paint finish selected against the backdrop of BMW M Town.

The limited-run BMW XM Label First Edition – only 500 examples of which will be released globally – maximizes the exclusivity factor with even more expressive styling. Joining the accent band, the BMW M kidney grille frame and rear diffuser highlight are also finished in Toronto Red Metallic to create additional design cues that combine with the BMW Individual paint finish in Frozen Carbon Black. The contrast of the gloss colour accents against shimmering matte surfaces creates a distinctive and dramatic visual impact. Inside, a “1/500” designation below the central display further speaks to the XM Label First Edition’s exclusivity.

A black and red motif extends to the interior of the BMW XM Label. The distinctive three-dimensional roofliner and the trim for the body pillars are finished in black, while Fiona Red is used to highlight the diamond-shaped upper sections of the backrests and the integrated headrests of the seats for the driver and front passenger and the outer rear seats. Red contrast stitching is used on the black surfaces of the seats, instrument panel, door trim and centre console, and the air vents have red accents. Other exclusive features of the BMW XM Label interior include a red “XM” badge below the central display, and signature M carbon fibre trim with red and blue accent threads recalling the Label’s M pedigree.

### **Sports car cockpit with BMW Curved Display; M Lounge in the rear.**

M Multifunction Seats, knee pads, M-specific content on the BMW Curved Display and the Head-Up Display, the signature M gear selector lever, and an M-specific control panel on the centre console are just some of the features of a sports car-style cockpit optimized to deliver a richly engaging performance experience on board. The M Hybrid button is used to



select the operating mode for the drive system, while the Setup button provides direct access to the configuration of the powertrain, chassis, steering, braking system, and M xDrive, as well as allowing the level of brake energy recuperation to be adjusted. An exclusive feature of the BMW XM Label is the symbol identifying Boost Mode on the left-hand shift paddle.

A generous feeling of space, high-quality materials, and extravagant design transform the rear of the BMW XM Label into an exclusive M Lounge. Heated backrests that extend well into the sides of the cabin and cushions in Merino leather with red contrast stitching and an “XM” badge offer passengers luxurious levels of comfort. The sculptural roofliner is unique with its three-dimensional prism structure, picture frame-style border, and 100 LED units for illumination. Ambient Lighting, Auto 4-Zone Climate Control, Massaging and Ventilated Front Seats, and Harman Kardon Surround Sound System are all standard features, while the options list includes the Bowers & Wilkins Diamond Surround Sound System with a 1,475-watt amplifier and four additional speakers in the roof area.

**Advanced driver assistance systems; Digital Cockpit Professional as standard.**

The BMW XM Label offers customers a wide selection of advanced systems for automated driving and parking. Fitted as standard are the Driving Assistant and Driving Assistant Professional, which comprises Front Collision Warning, Lane Departure Warning including lane return with steering assistance, Evasion Assistant, Alertness Assistant, Speed Limit Info, and Active Cruise Control with Stop & Go function together with features such as the Steering and Lane Control Assistant, automatic Speed Limit Assist, and Active Navigation. BMW's Highway Assistant, which allows attentive hands-free driving at speeds up to 130 km/h on limited access highways, is also standard on the BMW XM Label.

Parking Assistant Plus is also part of standard specification. Along with the Reversing Assistant, this system adds Parking View, front and rear Panorama View and 3D View.

The BMW XM Label includes Digital Cockpit Professional, which brings with it the latest

generation of the BMW iDrive, here based on an M-specific version of BMW Operating System 8.5. With the fully digital screen grouping and the BMW Intelligent Personal Assistant, the new BMW iDrive has been deliberately geared towards touch control and gesture control as well as dialogue using natural speech.

The Digital Cockpit Professional also includes the cloud-based BMW Maps navigation system. The BMW Digital Key Plus enables customers to lock and unlock the BMW XM Label using their Apple iPhone by means of security-enhanced ultra-wideband (UWB) radio technology. Smartphone integration for Apple CarPlay® and Android Auto™, and the personalized BMW ID functionality are also available for use.

### **Specifications.**

<b>BMW XM Label</b>	
<b>Body</b>	
No. of doors/seats	5 / 5
Length / Width / Height (mm)	5110 / 2005 / 1755
Wheelbase (mm)	3105
Track, front / rear (mm)	1726 / 1690
Ground clearance (mm)	220
Turning circle (m)	12.5
Fuel tank capacity (l)	68
Engine oil capacity (qts)	TBD
Curb weight (lbs)	TBD
GVWR (lbs)	TBD
Luggage capacity (cu ft)	TBD
<b>Engine</b>	
Config. / no. cylinders / valves	V / 8 / 32
Engine technology	M TwinPower Turbo technology with cross-bank exhaust manifold: two M TwinScroll turbochargers, indirect charge air

	cooling, High Precision Injection (maximum injection pressure: 350 bar), VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Capacity (cc)	4,395
Stroke / bore (mm)	88.3 / 89.0
Compression ratio (:1)	10.5
Max output (hp @ rpm)	577 @ 5,600
Max torque (lb-ft @ rpm)	553 @ 1,800-5,400
<b>Electric Motor</b>	
Motor technology	BMW eDrive technology: synchronous electric motor with pre-gearing stage integrated into eight-speed M Steptronic transmission, generator function for recuperating energy for the high-voltage battery
Peak output (hp @ rpm)	194 @ 7,000
Torque (lb-ft @ rpm)	207 @ 100-5,500
Effective torque through pre-gearing stage (lb-ft)	332
<b>High-Voltage Battery</b>	
Storage technology / installation	Lithium-ion / underfloor
Voltage (V)	317
Energy capacity (gross / net kW)	29.5 / 19.2
Max. charging rate (kW)	7.4
Charging time, 0-100% @ 7.4 kW	3.25 hrs.
<b>Driving Dynamics and Safety</b>	
Suspension, front	Adaptive M suspension with double-wishbone front axle in lightweight aluminum construction, M-specific kinematics and elastokinematics
Suspension, rear	Adaptive M suspension with five-link axle in lightweight aluminum/ steel construction, M-specific kinematics and elastokinematics
Brakes, front	M Compound brakes, vented, with six-piston fixed calipers
Brakes, rear	M Compound brakes, vented, with single-piston floating calipers

Driving stability systems		Standard: DSC incl. ABS and M Dynamic Mode (MDM), can be switched off, near-actuator wheel slip limitation, CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, drive-off assistant, M xDrive all-wheel-drive system and M Sport differential networked with DSC, active roll stabilization with Active Roll Comfort	
Safety equipment		Airbags for driver and passenger, side airbags for driver and passenger, head airbags, three-point inertia reel seatbelts, belt tensioner and belt force limiter, crash sensors, tire pressure indicator	
Steering		Electric Power Steering (EPS) with M-specific Servotronic function and variable sport ratio	
Steering ratio overall (:1)		16.2	
Tires front / rear (std)		275/35 R23 / 315/30 R23	
Rims, front / rear (in) (std)		23 x 10.0 / 23 x 11.0	
Transmission			
Type		8-speed M STEPTRONIC transmission with Drivelogic	
Gear ratios	I	:1	5.000
	II	:1	3.200
	III	:1	2.143
	IV	:1	1.720
	V	:1	1.313
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.968
Final Drive		:1	3.636
Performance			
Acceleration 0-100 km/h (sec)		Est. 3.8	
Top Speed (km/h)		282	



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**BMW Group in Canada**

BMW Group Canada, based in Richmond Hill, Ontario, is a wholly-owned subsidiary of BMW AG and is responsible for the distribution of BMW luxury performance automobiles, Sports Activity Vehicles, Motorcycles, and MINI. BMW Group Financial Services Canada is a division of BMW Group Canada and offers retail financing and leasing programs and protection products on new and pre-owned BMW and MINI automobiles, as well as retail financing for new and pre-owned BMW Motorcycles. A total network of 50 BMW automobile retail centres, 21 BMW motorcycle retailers, and 31 MINI retailers represents the BMW Group across the country.

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