

**Media Information**

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**The new BMW ALPINA XB7: The Force of Emotions.**

- **Updated design featuring new driving assistance systems and connectivity options.**
- **New generation 4.4-litre bi-turbo V8 producing 631 hp and 590 lb-ft of torque.**
- **Canadian market vehicles to begin production later in April 2023 and come to market as 2024 model-year.**
- **MSRP of \$175,000 CAD.**

**Richmond Hill, ON.** Impressive driving dynamics, explosive performance, luxurious comfort. The new BMW ALPINA XB7 benefits from a host of life-cycle impulse (LCI) updates, including a new generation engine, an even sharper, more progressive design, and advancements in driving assistance and connectivity. The new ALPINA 4.4-litre V8 with BMW mild-hybrid technology now produces 631 hp (up 19 hp from the previous generation) and 590 lb-ft of torque, placing the XB7 firmly among the highest performing Sports Activity Vehicles in the world. Canadian-market vehicles are set to begin production later in 2023 and come to market as 2024 model-year. Canadian pricing for the BMW ALPINA XB7 is to be announced closer to the market launch date.

**New engine generation: 4.4-Litre bi-turbo V8 with mild-hybrid technology.**

The BMW ALPINA XB7 LCI features an all-new V8 engine, now with BMW mild hybrid technology. Through extensive development efforts, ALPINA engineers have adapted the powerful eight-cylinder engine (S68) specifically to the ALPINA drivetrain philosophy. A characteristic feature is the high torque output of 590 lb-ft which is available from just 1,800 rpm all the way to 5,600 rpm. The engine's high-power reserves are effortlessly and readily available at all times, which is what the superior ALPINA driving experience is all about.

The V8 engine with bi-turbocharging generates 631 hp from 4.4 litres of displacement and delivers exceptional driving performance: the luxury 7-seater SAV accelerates from 0-100 km/h in 4.2 seconds and can reach a top speed of 290 km/h with the available 21-inch wheel and performance tire package (a no-cost option).

In this latest V8 engine generation, BMW has implemented a cross-bank exhaust manifold that distributes the exhaust gas flow homogeneously to the two twin-scroll turbochargers. This makes the turbochargers highly responsive. The featured BMW mild-hybrid technology improves efficiency; its intelligent system controls allow the combustion engine to run at very high degrees of efficiency for a given load range at constant speeds. In addition, the 48-volt starter-generator located within transmission enhances the responsiveness of the high-performance engine by utilizing the support of the electric motor as needed.

The state-of-art BMW engine technology is augmented by an ALPINA-specific engine management system and performance cooling system consisting of an enlarged and optimized main engine cooler with integrated transmission cooler, external engine oil and water coolers, and a low-temperature cooling circuit (air/water/air) for the ALPINA specific intercooling system. Cross-sectioned optimized coolant hoses ensure maximum throughput.

**Smooth and fast: 8-speed sport automatic and Active LSD.**

The latest transmission generation with integrated 48-volt mild-hybrid technology offers both comfort and performance at the highest levels. The 8-Speed Sport Automatic Transmission with the industry-original ALPINA SWITCH-TRONIC wheel-mounted shift buttons responds within milliseconds to driver inputs. Depending on the chosen drive and transmission mode, the 8-Speed Sport Automatic Transmission offers unparalleled shift comfort and the ability to execute shifts in fractions of a second, meaning power is delivered effortlessly and instantaneously at all times.

Effective torque distribution is guaranteed by the intelligent xDrive all-wheel drive system and an electronically-variable limited-slip differential at the rear axle. This improves traction

when driving dynamically by ensuring that slip-induced losses are minimized, and torque is distributed effectively to the wheel with the most grip at any given time. The degree of lock is continuously and actively adjusted depending on wheel speed, friction coefficients, and steering angle among other factors. The behavior of the limited-slip differential is specifically calibrated to suit the dynamic character of the BMW ALPINA XB7, and it operates in conjunction with the other driving stability systems.

**Ride comfort and driving dynamics: ALPINA sport suspension and kinematics.**

The BMW ALPINA XB7 is equipped with the latest suspension technology, opening a new dimension in both ride comfort and driving dynamics in the performance-luxury Sports Activity Vehicle segment.

The two-axle air suspension with ALPINA-specific dampers and kinematics is primarily responsible for the balance of driving dynamics and ride comfort. It allows for a remarkable and noticeable 40.6 mm change in ride height, depending on driving situation or the chosen suspension mode. At speeds below 30 km/h, the ride height can be raised by 40.6 mm for challenging ramp angles or other clearance requirements. In SPORT mode or above 160 km/h the ride height is reduced by 20.3 mm, and by 40.6 mm in SPORT+ mode or above 250 km/h. The resulting lower centre of gravity and subsequent changes in suspension geometry, with associated increases in negative camber, have a significant positive effect on driving dynamics.

ALPINA-specific dome-bulkhead struts and reinforced torsion struts increase body rigidity. In addition, the electromechanical anti-roll bars of the Active Roll Stabilization system and stiffer rear axle bushings reduce body roll substantially.

The Integral Active Steering offers direct steering response with exceptional feedback and improves overall agility. The rear wheels can pivot up to 2.3° left or right, increasing agility at low speeds and aiding maximum directional stability at high speeds. The driver can choose from three steering modes: COMFORT, SPORT and SPORT+.

**Excellent road holding with maximum grip: Wheels, Tires and Brakes.**



Specially-developed wheel and tire combinations underscore the powerful, elegant appearance of the BMW ALPINA XB7 and are instrumental in offering impressive levels of grip and road holding, especially for a vehicle of this size category.

The BMW ALPINA XB7 offers two wheel styles. The 21" ALPINA DYNAMIC wheels can be specified with performance summer or all-season runflat tires, measuring 285/45R21 front and rear.

The beautiful 23-inch forged-alloy wheels in the iconic ALPINA CLASSIC 20-spoke design and finished in Anthracite are standard. Their high-strength, high-density construction as a result of forging allows a significant weight saving of 7 lbs. per wheel. In collaboration with the experts at Pirelli, the performance summer tires for the 23-inch wheels have been explicitly developed and specified for the BMW ALPINA XB7. Measuring 285/35ZR23 at front and 325/3 ZR23 rear, they provide impressive grip and visual presence.

Four-piston fixed brake calipers from Brembo with brake discs measuring 15.5 inches on the front axle and floating brake calipers with brake discs of 15.7 inches on the rear axle offer powerful and consistent deceleration. The brake calipers are finished in ALPINA Blue and feature white ALPINA lettering.

### **Powerful and progressive: Design.**

The new front view is dominated by a modified light design with horizontally-separated twin headlights. In addition, the glow of the illuminated kidney grille adds a fresh design accent: a waterfall of light, which can also be activated when driving, draws attention to the trademark BMW kidney grill. The striking, new design vocabulary of the air intakes is taken up by the ALPINA front apron to produce a perfectly shaped, powerful appearance. At the other end, the four oval tailpipes of the sport exhaust system are beautifully integrated into the ALPINA rear apron.

### **Technology, connectivity, craftsmanship: Equipment**

The latest generation of the BMW iDrive adds a new, digital dimension to the vehicle-driver interaction. The technological basis is provided by the BMW iDrive 8 Operating System in combination with intuitive control options like the outstanding voice control offered by the

BMW Intelligent Personal Assistant. The degree of personalization in the displays has reached a new level, including in the standard head-up display with optimized graphics performance. In accordance with the BMW design principle of “eyes on the road – hands on the wheel”, all displays offer logical driver orientation and can also be tailored to drivers’ individual needs. The integration of third-party apps works seamlessly.

When it comes to the driver assistance systems, the BMW ALPINA XB7 offers the Driving Assistant Professional and Parking Assistant Professional. Parking Assistant Professional now includes Maneuver Assistant and Trailer Assistant.

Maneuver Assistant uses GPS data and the trajectory data from steering inputs to record and store up to ten different maneuvers covering a distance of up to 200 metres each. When the XB7 arrives at a memorized GPS point, such as the entrance to a narrow driveway with tight curves, the system will be able to carry out all the tasks required to complete the maneuver, controlling the accelerator, brakes, and steering as well as changing gear to move forward or backward.

Trailer Assistant provides the driver with an enhanced view of the path of an attached trailer and allows steering inputs through the iDrive controller, helping the driver reverse the trailer with precision. Software updates and upgrades can be downloaded to the vehicle over the air via Remote Software Upgrade.

In the cockpit, the large Curved Display allows the digital instrument panel and the central control display to merge into one unit. The gauges of the digital instrument panel are in the iconic ALPINA Blue. In SPORT and SPORT+ modes, ALPINA green drag indicators provide a design accent.

The interior features many distinguishing details and features which set it apart from the mainstream: glass iDrive controller with the ALPINA design, blue illuminated gear selector, ALPINA production plaque, illuminated ALPINA door sills and the unique ALPINA Sport Steering Wheel hand-finished in the finest LAVALINA leather and featuring trademark Blue/Green stitching. In addition to the standard ALPINA Piano Black Trim interior trim, two further ALPINA trim variants are optionally available: Myrtle Luxury Wood and Natural



Walnut Anthracite Wood. Each of the ALPINA wood trim variants features the ALPINA roundel logo.

## Specifications

ALPINA XB7		
Seats	--	6/7
Number of Doors	--	5
Drive type	--	AWD
Weight distribution front/rear	percent	48 / 52
Engine type	--	S68T0 V8
Induction		Turbocharging
Cylinders	--	8
Valves per cylinder	--	4
Bore x Stroke	mm	89.0 x 88.3
Displacement	cm <sup>3</sup>	4,395
Compression rate	:1	10.5
Engine power	hp	631 @ 5,600 – 6,500 rpm
Engine torque	ft. lbs.	590 @ 1,800 – 5,600 rpm
Fuel type	--	Gasoline
Recommended Fuel	--	Premium
Engine oil capacity	litres	10.7
Output per litre	hp/litre	143.57
Transmission type	--	8HP80MH Sport Automatic
Gear ratios 1st gear	--	5.50
2nd	--	3.52
3rd	--	2.20
4th	--	1.72



5th	--	1.30
6th	--	1.00
7th	--	0.83
8th	--	0.64
Reverse gear	--	4.54
Final drive ratio	--	3.38
Power-steering type	--	EPS
Steering ratio	:1	16.4
21" Tires, optional front & rear		285/45R21 113Y XL perf. run-flat
21" Tires, optional front & rear		285/45R21 113H XL a/s run-flat
21" Wheels, optional front & rear	inches	21 x 9.5
23" Tires, standard front		285/35ZR23 107Y XL perf.
23" Tires, standard rear		325/30ZR23 109Y XL perf.
23" Wheels, standard front & rear	inches	23 x 9.5 / 23 x 11.0
Track, front	inches	1681.48
Rear, track	inches	1701.8
Cx	--	0.35
Top speed (with all-season tires)	Km/h	290 with 21-inch wheels/tires (210)
NRCan Fuel Economy, city / hwy	l/100km	TBD

### **About ALPINA and BMW in North America**

ALPINA Automobiles, privately owned and operated since 1965, has enjoyed a decades-long technical partnership with BMW AG, providing development and testing services to



the Munich-based automaker. ALPINA is recognized by the German Ministry of Transport as an independent automobile manufacturer. Selected BMW ALPINA automobiles (currently the XB7 and B8 Gran Coupé) are sold and serviced by the existing BMW dealer networks in the United States and Canada. These models are covered by BMW New Vehicle Limited Warranty and applicable maintenance programs.

**ALPINA – Manufacturer of Exclusive Automobiles**

Burkard Bovensiepen founded the automobile manufactory ALPINA Burkard Bovensiepen KG in 1965. Ever since, Buchloe has been home to probably the world's most renowned automobiles based on BMW models, developed and produced by the independent family-owned business in cooperation with BMW. This close partnership forms the basis for the continued success of the ALPINA brand: individual automobiles are manufactured with great love for detail and technical finesse, which, however, at the same time meet the high quality and safety standards of series production. Since 1983, ALPINA is officially registered as an automobile manufacturer by the German Ministry of Transport, the Kraftfahrtbundesamt.

Elegant understatement is at the very core of ALPINA's brand philosophy, which is manifested in an interior with the focus on comfort, above-average driving performance and a discreetly sporty exterior. BMW ALPINA automobiles have regularly caused sensations, both on the road and the racetrack – the result of a remarkable model history.

Founder Burkard Bovensiepen runs the company together with his sons Andreas and Florian.

**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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