



## Media Information

### The New 2022 BMW ALPINA B8 Gran Coupé

**Buchloe, Germany – March 24, 2021.** Following the success of the BMW ALPINA B7 Sedan and XB7 Sports Activity Vehicle, ALPINA is expanding its offering in the premium segment with the new BMW ALPINA B8 Gran Coupé. It combines the highest levels of performance, dynamics and comfort in a bold and beautiful design. The new ALPINA B8 Gran Coupé is truly an exclusive automobile that appeals to all your senses. It is due in Canadian showrooms in the summer of 2021.

**Power to spare:** The 4.4-litre V8 engine with bi-turbo charging produces an impressive 612 hp. The maximum torque of 590 lb.-ft is available from just 2,000 rpm for power delivery at all times.

**Tailored V8 sound:** The specially developed ALPINA sport exhaust system is a stainless-steel wonder. Providing both visual and auditory delight, it is designed to reduce backpressure and features the bold, natural sound of a powerful V8 engine. The driver can influence the sound by switching between COMFORT and SPORT mode, which controls the active exhaust flaps.

**Fascinating-dynamics, superior driving experience:** The BMW ALPINA B8's chassis and suspension set-up is harmoniously balanced, combining superior long-distance travel comfort with precise handling characteristics. The adaptive dampers provide for a wide range of driving experiences, ranging from COMFORT+ to SPORT+.

**Precision design:** The B8 Gran Coupé's appearance is distinguished by elegant lines that masterfully emphasize the vehicle's flowing silhouette. The athletic character is further emphasized by the ALPINA aerodynamic components. The ALPINA CLASSIC 21-inch forged wheels with their minimalistic 20 spoke design are an unmistakable, exclusive ALPINA identifier.

**Look, touch, and feel:** The interior design reflects the luxurious comfort of the BMW ALPINA B8 in every detail. High-quality materials, an extensive range of standard equipment and exclusive ALPINA details contribute to an exquisite interior.

#### **Superior performance: 4.4-litre v8 engine with biturbo charging**

The eight-cylinder engine of the BMW ALPINA B8 is characterized by a dynamic and smooth power delivery and offers excellent responsiveness over the entire rpm range.



The 4.4-litre V8 engine with bi-turbo charging achieves a maximum power output of 612 hp. The maximum torque of 590 lb.-ft is available from just 2,000 rpm and maintained up to 5,000 rpm. The superior power delivery of the engine translates directly into stunning performance.

The engine's power characteristics and superb throttle response are the result of optimized turbocharging and cooling systems, not to mention ALPINA's instantly recognizable throttle harmony. Two twin-scroll turbochargers facilitate the near-instantaneous conversion of exhaust gas energy into boost pressure, even at low engine speeds for early maximum torque. The ALPINA cooling system ensures thermal stability and optimum efficiency of the high-performance engine, even under continuous high loads. It consists of three external coolers, an enlarged transmission oil cooler and a low-temperature cooling system (air/water/air) with ALPINA's specific intercoolers, offering 50 percent more cooling surface than the units found in the BMW M850i xDrive Gran Coupe. The optimized cross section of the coolant feed enables maximum throughput.

The ALPINA sport exhaust system is notable for its nuanced, harmonious V8 soundtrack: sophisticated and restrained in COMFORT mode, or emotional and sonorous in SPORT mode. The two twin tailpipes, finished in polished stainless steel, are elegantly integrated in the rear apron in typical ALPINA fashion.

**Power transmission without compromise: 8-speed sport automatic transmission**

The 8-Speed Sport Automatic Transmission with ALPINA SWITCH-TRONIC converts the high engine output into superb driving performance. The latest 8HP76 transmission generation has undergone substantial development work in cooperation with the transmission specialists at ZF. Depending on the selected drive mode, shift dynamics have been raised to a whole new level without compromising on the smooth shift comfort that ALPINA is renowned for.

A high-performance hydrodynamic torque converter with reinforced internals is used to reliably transmit the engine's high torque output. An aluminum transmission oil sump ensures the system is optimally cooled. The advanced turbine torsional damper absorbs drivetrain vibrations, noticeably enhancing driving comfort.

Specific transmission shift strategies are available for different driving situations. In SPORT mode, shift points are optimized for driving performance and gear shifts are noticeably dynamic. The

COMFORT mode allows for relaxed cruising at low engine rpms even when travelling at highway speeds, but remains responsive thanks to the instant availability of 590 lb.-ft of torque. MANUAL mode offers super-fast shifts with the paddle shifters, taking mere milliseconds to move between gears.

**Precision dynamics and comfort: The ALPINA sport suspension**

Countless test miles were completed on Europe's most demanding test tracks during the development of the BMW ALPINA B8's sport suspension system. The result is a refined suspension and chassis set-up that combines first-class long-distance ride comfort with precise handling characteristics. The BMW ALPINA B8 impresses in a myriad of driving situations with its harmonious, balanced chassis and a high sense of security.

Front axle struts with hydro mounts enhance the ride comfort and work in combination with Eibach springs to guarantee balanced suspension characteristics. Stiffer suspension strut support mounts provide greater vehicle stability during dynamic lane changes, for example. Reinforced sway bars on the front axle and stiffer lower wishbone mounts result in excellent lateral dynamic properties.

The Integral Active Steering system offers direct steering response with exceptional feedback and improves overall agility. The Active Kinematics Control System from ZF enables the wheels of the rear axle to pivot a maximum of 2.3° left or right. At low speeds, the rear axle steers opposed to the front axle for increased agility and dynamic handling. Conversely, at higher speeds the rear axle steers "with" (congruent to) the front axle for maximum directional stability. The behaviour of the entire system, as with all driving systems on board the B8, has been fine-tuned precisely by ALPINA.

The intelligent BMW xDrive all-wheel drive system ensures an equally dynamic and effortless transmission of power to the road. A rear axle limited-slip differential lets the BMW ALPINA B8 tap into its full dynamic capabilities, especially when cornering: a traction-dependent torque distribution increases vehicle stability when entering the corner and enables a more agile vehicle behaviour when exiting the corner.

**Tailor-made stance: Wheels & tires**

The ultra-high-performance tires – specially developed for the BMW ALPINA B8 – are available in sizes 245/35ZR21 on the front axle and 285/3 ZR21 on the rear axle. In cooperation with the tire



experts at Pirelli, the tires are specially adapted to the vehicle concept of the BMW ALPINA B8. The Pirelli Noise Cancelling System fitted to the front tires improves acoustic comfort.

The 21-inch wheels feature the brand's classic design of 20 minimalistic spokes. A lockable wheel hub cover with the ALPINA emblem underlines the flawless appearance of these beautifully designed, weight-optimized forged wheels. The ALPINA CLASSIC 20-inch forged wheel is also available for winter and all-season tires in a 20 spoke design without a wheel hub cover.

The ALPINA brake system can easily be recognized by its blue brake calipers bearing white ALPINA lettering. Four-piston fixed brake calipers from Brembo with 15.6-inch diameter brake discs on the front axle and floating brake calipers with 15.7-inch diameter brake discs on the rear axle provide high safety reserves and thermodynamic stability, even under high loads.

### **Flowing lines, modern room comfort: design & equipment**

The B8 Gran Coupé is striking in appearance, with an elegant, flowing silhouette. The aerodynamically optimized ALPINA exterior components endow the BMW ALPINA B8 with exclusive aesthetics.

The large air intakes on the ALPINA front apron ensure that the high-performance engine is supplied with sufficient cooling air flow. The ALPINA rear apron with a black diffuser insert takes up the precise contours of the body. The Gran Coupé's sweeping silhouette is extended by a subtle ALPINA rear spoiler lip.

The ALPINA Blue Metallic and ALPINA Green Metallic paint finishes are exclusively reserved for BMW ALPINA automobiles, and add an elegant and exquisite touch to the BMW ALPINA B8. There is also a wide variety of BMW and BMW Individual paint finishes available to choose from.

The interior epitomizes the prestigious standard of luxury of the current BMW 8 Series model generation: The Gran Coupé offers exceptional interior comfort and impresses with its combination of the finest craftsmanship and premium materials. Elegant ALPINA details, such as illuminated ALPINA door sills or the iDrive controller in crystal glass with a lasered ALPINA logo, as well as exclusive ALPINA interior trim, set exclusive accents. Each ALPINA steering wheel is intricately hand-finished with natural, untreated LAVALINA leather – for an incomparable tactile experience on every journey.



### Specifications

		ALPINA B8
Seats	--	5
Number of Doors	--	4
Drive type	--	AWD
Length	mm	5090.16
Width	mm	1932.94
Width including mirrors	mm	2136.14
Height	mm	1422.4
Wheelbase	mm	3022.6
Ground clearance	mm	134.62
Turning radius	meters	6.3
Shoulder width front	mm	1452.88
Shoulder room 2 <sup>nd</sup> row	mm	1386.84
Legroom front	mm	1069.34
Legroom 2 <sup>nd</sup> row	mm	929.64
Headroom front	mm	993.14
Headroom 2 <sup>nd</sup> row	mm	939.8
Trunk volume	m <sup>3</sup>	0.438
Fuel Tank capacity	litres	68.0
Curb weight	kg	2191.3
Gross vehicle weight	kg	2599.9
Payload	kg	394.17
Engine type	--	N63B44T3
Induction		Turbocharged
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	612 @ 5,500 – 6,500 rpm
Engine torque	ft.-lbs.	590 @ 2,000 – 5,000 rpm
Fuel type	--	gasoline
Recommended Fuel	--	premium
Engine oil capacity	litres	11.07
Output per litre	hp/litre	139.3
Transmission type	--	8HP76 Automatic
Gear ratios 1st gear	--	5.00
2nd	--	3.20
3rd	--	2.14
4th	--	1.72
5th	--	1.31
6th	--	1.00
7th	--	0.82
8th	--	0.64
Reverse gear	--	3.48
Final drive ratio	--	2.81
Power-steering type	--	EPS
Steering ratio	:1	14.9
Tires I, front		245/35ZR21 96Y
Tires I, rear		285/30ZR21 100Y
Tires II, front		245/40ZR20 99Y A/S
Tires II, rear		275/35ZR20 102Y A/S
Wheels I, front / rear	inches	8.5 x 21 / 10.0 x 21
Wheels II, front / rear	inches	8.5 x 20 / 10.0 x 20
Track, front	mm	1623.06
Rear, track	mm	1673.86
Cx	--	0.31

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BMW Canada Inc.  
une compagnie  
du BMW Group

Head Office/  
Siège social  
50 Ultimate Drive  
Richmond Hill, Ontario  
Canada  
L4S 0C8

Telephone/  
Téléphone  
(905) 683-1200

Facsimile/  
Télexcopieur  
(905) 428-5668

Internet  
www.bmw.ca  
www.mini.ca



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**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 BMW ALPINA B7 Sedan, XB7 Sports Activity Vehicle, and soon the B8 Gran Coupe) 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.

**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 51 BMW automobile retail centres, 21 BMW motorcycle retailers, and 31 MINI retailers represents the BMW Group across the country.

**For more information, please contact:**

Marc Belcourt, Director, Corporate Communications  
BMW Group Canada  
905-428-5078 / [marc.belcourt@bmwgroup.ca](mailto:marc.belcourt@bmwgroup.ca)

Barb Pitblado, Manager, Corporate Communications  
BMW Group Canada  
905-428-5005 / [barb.pitblado@bmwgroup.ca](mailto:barb.pitblado@bmwgroup.ca)