



MANUFACTURER OF
EXCLUSIVE AUTOMOBILES



BMW ALPINA XB7 - AWD

AUTOMOBILE MASTERPIECES *since 1965*

FIRST CLASS ADVENTURES

THE FIRST-EVER BMW ALPINA XB7

Makes every journey a first class adventure and delivers a genuine ALPINA driving experience. The BMW ALPINA XB7 combines the benefits of a spacious and luxurious Sports Activity Vehicle with superior driving dynamics, unrivalled agility, and a powerful, state-of-the-art ultra-high performance drivetrain.

The 4.4 litre V8 engine with bi-turbo charging delivers an output of 457 kW (621 hp) and a maximum torque of 800 Nm (590 lb-ft) which is available from an extraordinary 2000 rpm. The BMW ALPINA XB7 needs just 4.2 seconds to accelerate from 0 to 100 km/h (0 to 62 mph), and completes the sprint from 0 to 200 km/h (0 to 124 mph) in just 14.9 seconds. Maximum speed is limited to 290 km/h (180 mph).*

* In combination with ALPINA DYNAMIC 21" wheel/tyre combination.





ALPINA



XB7

D OAL XB 77

DRIVING PLEASURE IN ALL ITS FACETS

The ALPINA Sport Suspension, with two-axle air springs, a finely-balanced damper set-up and Active Roll Stabilization, offers a wide variety of driving experiences ranging from plush ride comfort to advanced, race-inspired dynamics. The Integral Active Steering, while featuring the obvious benefit of small turning circles when manoeuvring, is adapted by ALPINA to provide direct steering response and exceptional directional stability throughout the speed range.

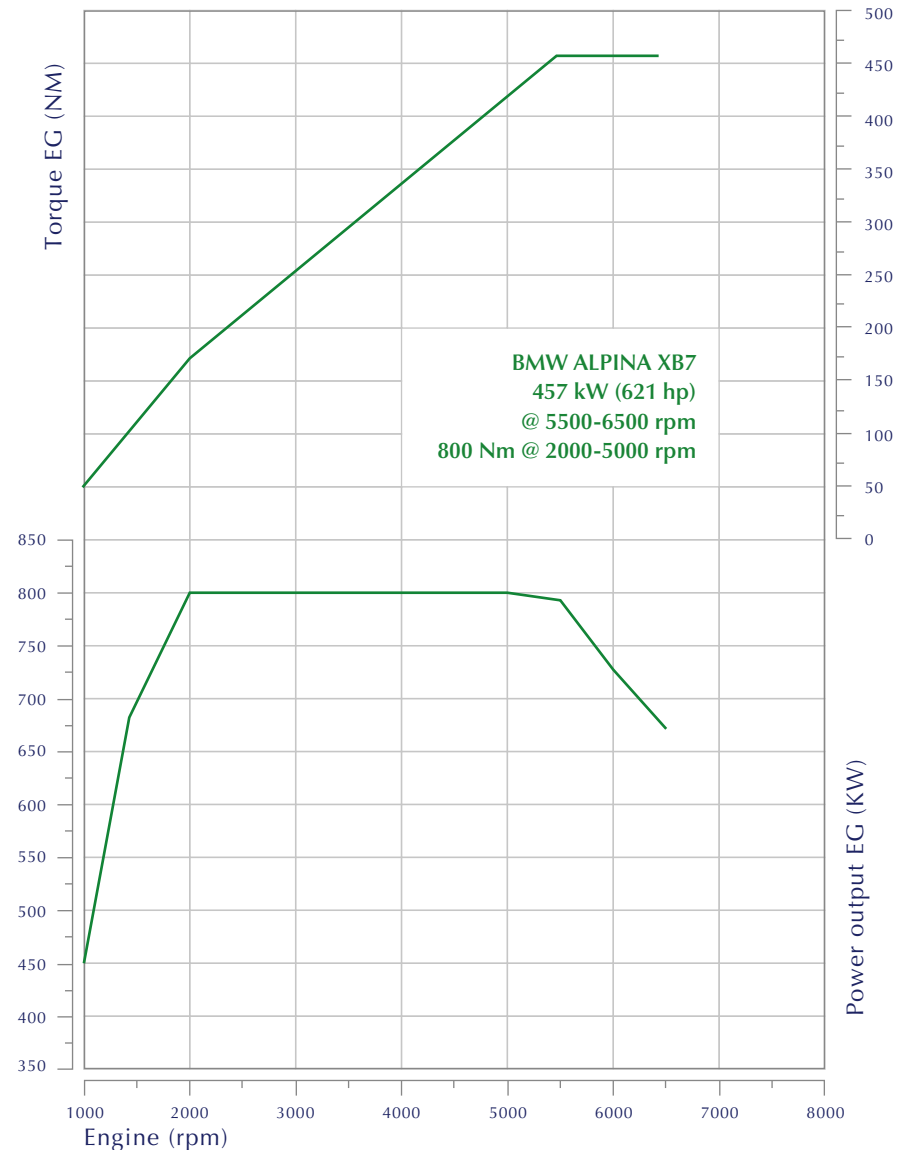
The new BMW ALPINA XB7 features the latest generation 8-Speed Sport Automatic Transmission with ALPINA SWITCH-TRONIC. Offering unparalleled shift comfort and the capability to execute shifts in tenths of a second means power is delivered effortlessly and instantaneously at all times. The BMW ALPINA XB7 all-wheel drive is based on the BMW xDrive system, which maximizes traction and neutral driving dynamics in all conditions.

TRUE POWERHOUSE

The state-of-the-art high-performance powertrain spawns the powerful and confident character of the new BMW ALPINA XB7 and offers linear power delivery across the entire engine speed range. The engine has been carefully calibrated to reflect the superior driving experience that has been signature to the most-powerful BMW ALPINA models throughout the company's 55-year history. The engine's character is best described as an early, torque-filled urgency followed by a surge of mid-range power and a hard charge to redline.

The 4.4 litre V8 engine with bi-turbo charging delivers an output of 457 kW (621 hp) and a maximum torque of 800 Nm (590 lb-ft) which is available from an extraordinary 2000 rpm. The engine's power characteristics and superb throttle response are the result of detailed optimizations of the turbocharging and cooling systems, not to mention ALPINA's instantly recognizable throttle harmony.

BMW ALPINA XB7
PERFORMANCE AND TORQUE DIAGRAM



SUPERIOR ROAD HOLDING




The two-axle air suspension with ALPINA specific damper and kinematic set-up are primarily responsible for the balance of driving dynamics and ride comfort. It allows for a remarkable and noticeable 40 mm (1.6") change in ride height, depending on driving situation and Mode selection. At speeds below 30 km/h (19 mph), the ride height can be raised by 40 mm (1.6") for challenging ramp angles or other clearance requirements. More importantly, the BMW ALPINA XB7's ride height can be lowered by 40 mm (1.6").

When selecting SPORT mode or at speeds above 160 km/h (100 mph), the ride height is lowered by 20 mm (0.8"). The ride height is lowered another 20 mm (0.8") for a total of 40 mm (1.6") beyond speeds of 250 km/h (155 mph) or when selecting SPORT+ mode. The resulting lower centre of gravity and changes in suspension geometry, with associated increases in negative camber, have a significant positive effect on dynamic handling and road holding.



EXPRESSIVE PRESENCE

Every detail of the new BMW ALPINA XB7's design conveys dynamic luxury. The powerful appearance is accentuated by a progressive design language, elegant details and precise contours.

The new BMW ALPINA XB7 rides on ALPINA DYNAMIC 21" wheels as standard, measuring 285/45 R21 front and rear (EU-tyre label*: B/B/  71 dB). The optional ALPINA CLASSIC 23" forged lightweight aluminium wheels are the largest ever fitted to a BMW ALPINA production vehicle. Measuring 285/35 ZR23 at front and 325/30 ZR23 rear (EU-tyre label*: E/B/  73 dB front, C/B/  73 dB rear), the unique Pirelli P Zero "ALP" tyres provide impressive grip and guaranteed visual presence around town.

* EU-tyre label = fuel efficiency / wet grip / external rolling noise class.





ALPINA IDENTITY

The interior features a whole set of distinguishing details and features which set it apart from the mainstream: exclusive 'Crafted Clarity' glass application and iDrive controller in ALPINA design, blue illuminated gear selector switch, illuminated ALPINA door sills and the unique ALPINA Sport Steering Wheel hand-finished in finest LAVALINA leather and featuring trademark Blue/Green stitching.

The full-colour digital instrument display with ALPINA design offers advanced configuration options, sport displays, and customisable views. The cockpit design offers a convincing user experience, with intuitive operation via touch display, direct selection buttons, or iDrive Controller, voice, or gesture control. The BMW Driving Assistant Professional included as standard offers a high degree of active safety with its comprehensive package of innovative assistance systems.



LUXURIOUS LAVALINA LEATHER

FIRST CLASS CABIN

The in-house ALPINA leather workshop offers customers almost unlimited possibilities to create their own interior compositions: piping, stitching, embroidery and embossing, made to customer specifications, add a personal touch to the ALPINA interior design. The untreated LAVALINA leather extends the BMW equipment range with the highest quality natural material used in the automotive industry. Connoisseurs particularly value the comfort and climate properties of this special leather.

The generous interior features three rows of seats as standard. The second row either features a rear bench with three seats or – optionally – two comfortable individual seats with integrated armrests. An extensive range of standard equipment including Comfort Seats, Seat Heating, Soft-Close Doors and a Leather Instrument Panel ensure maximum comfort and a luxurious ambiance for driver and passengers. The three-part panoramic glass sunroof contributes to a light and airy atmosphere in the interior.



• EXHAUST SYSTEM

The ALPINA sport exhaust system features the bold, natural sound of a powerful V8 engine.

• AERODYNAMIC PROPERTIES

The front apron with large air intakes is aerodynamically optimized to reduce uplift for maximum high-speed stability. Large air intakes facilitate the effective flow of air to the high-performance ALPINA cooling system.

• TYRES

The unique Pirelli P Zero "ALP" tyres have been specifically developed to meet the demands of the BMW ALPINA XB7 performance envelope.

• PERFORMANCE BRAKE SYSTEM

Four-piston fixed brake callipers from Brembo with brake discs of 395 x 36 mm (15.5 x 1.4") diameter on the front axle and floating brake callipers with brake discs of 398 x 28 mm (15.7 x 1.1") diameter on the rear axle offer excellent deceleration.

• WHEELS

The optional ALPINA CLASSIC 23" forged lightweight aluminium wheels are the largest ever fitted to a BMW ALPINA production vehicle.

ENGINE •
The 4.4 litre V8 engine with bi-turbo charging and an ALPINA specific cooling system delivers an output of 457 kW (621 hp).

ALPINA SPORT SUSPENSION •
The two-axle air suspension with ALPINA specific damper and kinematic set-up are primarily responsible for the balance of driving dynamics and ride comfort.

INTEGRAL ACTIVE STEERING •
The Integral Active Steering offers direct steering response with exceptional feedback and improves overall agility.

LIMITED-SLIP DIFFERENTIAL •
The drivetrain features an electronically-variable limited-slip differential on the rear axle, with a locking torque of up to 2000 Nm (1475 lb-ft).



ALL-WHEEL DRIVE •
The all-wheel drive is based on the BMW xDrive system, which fully and variably distributes torque as required between the front and rear axles.

TRANSMISSION •
The 8-Speed Sport Automatic Transmission (ZF 8HP76) has been specially designed to cope with the engine's high torque.

LEVEL ADJUSTMENT •
The ride height can be lowered by 40 mm (1.6"), either dependent on speed or at the driver's request, resulting in a substantially lower centre of gravity.

TECHNICAL DATA

BMW ALPINA XB7 AWD

This is a translation of the original German brochure which fulfils the requirements of German law. All technical data in this brochure apply to the German market, additional international units of measure shown in the technical data for the purposes of information only. Further information on specific fuel consumption and CO₂ emissions of new passenger cars is provided by the 'Leitfaden über den Kraftstoffverbrauch, die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen' which can be obtained free of charge at all points of sale and from the Deutsche Automobil Treuhand GmbH (DAT) or online <https://www.dat.de/co2/>.

¹ Stated fuel consumption and CO₂ emissions are measured pursuant to EU Regulation 715/2007 in its applicable version. From 1st of September 2018 the Worldwide Harmonized Light Vehicles Test Procedure (WLTP) has replaced the New European Driving Cycle (NEDC). Regardless of the applied test procedure, it is currently still mandatory to state fuel consumption and CO₂ emissions according to NEDC, hence stated values are determined based on the WLTP test procedure and are converted to NEDC for comparison purposes. Depending on your country, vehicle related taxes or other duties may be based on fuel consumption and CO₂ emissions data which differs from that stated here. The provision of additional fuel consumption and CO₂ emissions as determined according to WLTP is currently voluntary until their provision becomes mandatory by law.

² The figures quoted includes a 90 % tank filling, 68 kg for the driver and 7 kg for luggage. Unladen weight applies to vehicles with standard equipment. Optional equipment may increase this figure.

³ EU-tyre label = fuel efficiency/wet grip/external rolling noise class.

⁴ Modifications and errors excepted.

⁵ Preliminary data.

ENGINE ⁴

Cylinders		V8 90°
Capacity	cm ³	4395
Bore	mm	89.0
Stroke	mm	88.3
Compression ratio	:1	10.5
Max output	kW (hp)	457 (621)
Max output at	rpm	5500 - 6500
Max torque	Nm / lb-ft	800 / 590
Max torque at	rpm	2000 - 5000
Engine management		BOSCH DME 8.8.T
Fuel type		98-octane
Emission classification		Euro 6d-ISC-FCM

TRANSMISSION ⁴

Type	8-Speed Sport-Automatic (ZF 8HP76) with ALPINA SWITCH-TRONIC			
Transmission ratios :1				
	1st gear	5.00	5th gear	1.31
	2nd gear	3.20	6th gear	1.00
	3rd gear	2.14	7th gear	0.82
	4th gear	1.72	8th gear	0.64
Overall gear ratio				7.81
Reverse gear ratio	:1			3.48
Final drive ratio	:1			3.38

PERFORMANCE ⁴

Acceleration			
0-100 km/h / 0-62 mph	s		4.2
Acceleration			
0-200 km/h / 0-124 mph	s		14.9
Top speed*	km/h		290
	mph		180
* In combination with ALPINA DYNAMIC 21" wheel / tyre combination.			

CONSUMPTION ^{1, 4, 5}

Official Fuel Consumption NEDC correlated			
Urban	l/100 km		16.0
	mpg		17.7
Extra-Urban	l/100 km		9.7
	mpg		29.1
Combined	l/100 km		12.0
	mpg		23.5
Official CO₂ emissions NEDC correlated			
Combined	g/km		274
CO ₂ efficiency (Germany)			E
Additional Information WLTP			
Fuel consumption WLTP combined	l/100 km		13.9
CO ₂ emissions WLTP combined	g/km		316

DIMENSIONS ⁴

Length	mm	5151
Width	mm	2000
Width with exterior mirrors	mm	2218
Height, unladen	mm	1797
Wheelbase	mm	3105
Track, front	mm	1682
Track, rear	mm	1703
Luggage capacity	l	750-2120
Fuel tank, approx.	l	83

WEIGHT ⁴

Unladen (EU) ²	kg	2655
Max permissible	kg	3290
Permitted load	kg	710
Max axle load:		
front	kg	1455
rear	kg	1950
Max trailer load:		
braked	kg	3500
unbraked	kg	750

WHEELS & TYRES ⁴

ALPINA DYNAMIC 21" with PIRELLI P ZERO RSC			
front	9.5 x 21" with 285/45 R21 (113Y) XL		
EU-tyre label ³		B/B/	71 dB
rear	9.5 x 21" with 285/45 R21 (113Y) XL		
EU-tyre label ³		B/B/	71 dB
Optional available at surcharge:			
ALPINA CLASSIC 23" with PIRELLI P ZERO (ALP)			
front	9.5 x 23" with 285/35 ZR23 (107Y) XL		
EU-tyre label ³		E/B/	73 dB
rear	11 x 23" with 325/30 ZR23 (109Y) XL		
EU-tyre label ³		C/B/	73 dB



ALPINA RECYCLING

Your BMW ALPINA is part of an all-embracing recycling concept. Recycling demands are already considered early in the development process of a BMW ALPINA. An example of this is in the selection of materials – they are chosen, such that they are environmentally friendly and easily recyclable, using a minimum of resources to do so. Every BMW ALPINA is built so that it is easily and cost-effectively recyclable at the end of its useable life span. All this occurs in close co-operation between BMW and ALPINA. BMW Group has built a European-wide redemption and recycling infrastructure, and require high quality and environmental standards. For return of your automobile for the purpose of recycling, please contact your BMW ALPINA partner. They are ready to help. For further information about recycling firms and redemption locations, please see www.bmw.com.



This is an information brochure which fulfils the requirements of German law. All technical data in this brochure apply to right-hand drive models, additional international units of measure shown in the technical data are for the purposes of information only. The models illustrated in this brochure may show the specifications of vehicles produced for Germany or another market. In part, the specifications include optional equipment and accessories not fitted as standard. According to the specific requirements of other markets or countries, alterations in models, technical data, standard and optional equipment may occur. Not all model versions may be available in your country. For precise information on model features, equipment, fuel consumption and CO₂ emissions as they apply to your country please contact your local BMW ALPINA dealer or importer. Errors and omissions excepted. Subject to modifications. May 2020.

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Get excited.
Discover the new BMW ALPINA XB7!

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