



BMW
ALPINA
B7
BITURBO



MANUFACTURER OF
EXCLUSIVE AUTOMOBILES



in PERFECT HARMONY

With the new BMW ALPINA B7 Bi-Turbo, ALPINA presents its fourth generation of automobiles based on the BMW 7 Series. Prominent predecessors include the BMW ALPINA B12 6.0 and B7, which raised the bar in the high performance luxury saloon segment. Newly interpreted and in every way state-of-the-art, the B7 Bi-Turbo unites exclusiveness, athleticism and

comfort in perfect harmony. The Bi-Turbo model designation that now graces this flagship BMW ALPINA saloon hints at even more powerful and torque-laden performance over its predecessor, while simultaneously improving upon fuel economy





ASSURED, STYLISH, EVOLUTIONARY

At once dynamic, graceful and potent - the silhouette of the B7 Bi-Turbo is significantly influenced by the evolutionary new design of the 21" ALPINA CLASSIC wheels. The composition of the front and rear spoiler follows clearly aerodynamically-oriented interests, reducing lift at the front and rear of the B7.

The exhaust system's two double-tailpipes are seamlessly integrated into the aerodynamically-optimised rear valance and deliver that deep and sonorous, typically-ALPINA sound





FIRST-CLASS PERFORMANCE *and* FUEL ECONOMY

Sovereign power and high torque guarantee excellent performance, all paired with “best-in-class” fuel economy and CO₂ emissions. The fully aluminium, 4395cc V8 aggregate yields 507 peak horsepower (373 kW) at a moderate 5,500rpm, with a maximum torque of 700 Nm (516lbs-ft) available between 3,000-4,750 rpm. As a result the B7 Bi-Turbo sprints from 0-100 km/h in 4.7 seconds, vehemently pressing

on to an electronically-limited 280 km/h top speed. With a combined fuel economy of 11.9 l/100km [23.7 Imp. MPG] and a CO₂ emissions rating of 286g/km, the EU5-rated, high-technology engine with direct injection delivers proof that high levels of performance and high fuel tank range are not necessarily a contradiction in terms

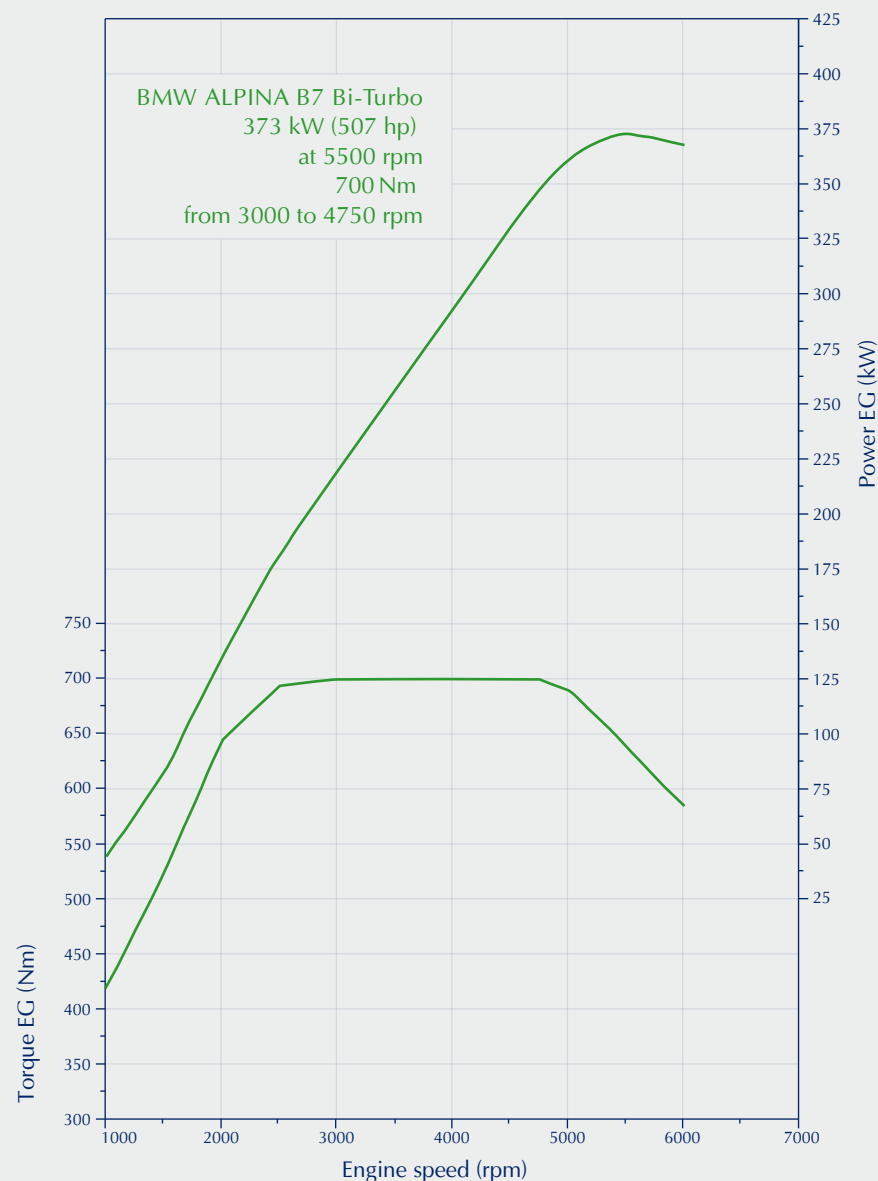
The power and torque diagramme forcefully underscores the B7 Bi-Turbo's fierce yet effortless acceleration from very low revs. Peak torque is available across an unusually broad range of rpm, and this coupled with the exquisitely geared ZF six-speed automatic sport transmission pampers its occupants with remarkable levels of drivetrain comfort in every driving situation

The exceptional ALPINA SWITCH-TRONIC, programmed to shift smoothly and comfortably in Automatic mode, offers different shift characteristics for every taste and driving situation thanks to the additional Sport and Manual modes

As part of the B7 Bi-Turbo standard equipment, the electronic suspension system with Dynamic Damping Control and Dynamic Drive (active roll stabilisation) enable the driver to select from three distinct suspension set-ups: Comfort, Normal and Sport. Together with the 21" wheel and tyre combination (where a conscious decision was made to not use Run-Flat technology) the suspension is at once sensitive to inputs and direct in its feel, yet free from the harshness of a purely sports-oriented suspension, imparting this large saloon with an agility usually found only in compact sports saloons

The B7 Bi-Turbo offers the driver premium versatility, delivering on long-distance comfort just as readily as on back-road pace, as always with a maximum of enjoyment and safety

PERFORMANCE AND TORQUE DIAGRAM BMW ALPINA B7 BITURBO





A LUXURIOUS SENSE *of* WELL-BEING

Warm ambience and modern interior design guarantee that sense of well-being. Upon entry, one immediately takes note of the ALPINA door sill trims, tastefully illuminated in blue. The SWITCH-TRONIC steering wheel is gloved and hand-stitched in the finest, most comfortable LAVALINA leather. In the driver's line of sight, red pointers over a field of blue dials grace the instrument cluster, with a Black-Panel LCD screen

responsible for communicating relevant information. The classic ALPINA interior luxury wood trim in the form of Myrtle Burl, an exclusive knotted burl of the Laurel found only on the Pacific Coast of the United States, provides a warm and comforting ambience. ALPINA manufacturers are able to fulfil the most individual desires, all hand-finished to the highest standards of quality by our master craftsmen



STANDARD / OPTIONAL EQUIPMENT

O = standard X = optional

SALOON

SALOON LWB

Airbags - front, side and head, for driver and passenger, head-airbag rear

O

O

Air conditioning, automatic

O

O

Alarm system

O

O

Ambient lighting

O

O

Auxiliary input point for auxiliary playing devices (e.g. MP3 player)

O

O

Climate Comfort windscreen

O

O

Comfort access

O

O

Comfort seats, driver and front passenger, incl. electric seat adjustment with driver memory

O

O

Cruise control

O

O

Door sill finishers, B7, illuminated

O

O

Dynamic Damping Control

O

O

Dynamic Drive

O

O

Dynamic Stability Control (DSC) incl. Dynamic Brake Control (DBC) and Dynamic Traction Control (DTC)

O

O

Exhaust system ALPINA, stainless steel with polished tailpipes

O

O

Floor mats, ALPINA

O

O

Front spoiler, ALPINA

O

O

Glass sunroof, electric

O

O

Headlight washer system

O

O

Hi-Fi loudspeaker system

O

O

Interior and exterior mirrors, folding, automatically dimming

O

O

Instrument cluster, ALPINA, with Blackpanel LCD

O

O

Lumbar support for driver and passenger

O

O

Mobility system

O

O

Navigation system, Professional, with Bluetooth telephone preparation

O

O

Park Distance Control (PDC), front and rear

O

O

Production plaque, silver plated

O

Radio BMW Professional incl. CD player with MP3 decoder

O

O

Rain sensor with automatic headlight activation

O

O

Rear spoiler, ALPINA

O

O

Seat heating, front (LWB incl. rear seat heating)

O

O

Self-levelling air suspension

O

O

Sport Automatic Transmission (6-speed) with ALPINA SWITCH-TRONIC

O

O

Steering wheel: SWITCH-TRONIC leather steering wheel with Multi-function

O

O

Sun protection blind for rear screen, electric (LWB incl. sun protection blinds for side screens)

O

O

Suspension, ALPINA

O

O

Tyre Puncture Warning System (TPWS)

O

O

USB audio interface

O

O

Voice control

O

O

Xenon headlights, high and low beam

O

O

Paintwork in standard BMW colours:

metallic

metallic

Upholstery (with ALPINA Design):

Dakota leather

Dakota leather

Interior trim (ALPINA luxury wood):

Myrtle

Myrtle

Light alloy wheels:

21" CLASSIC

21" CLASSIC

ENGINE			PERFORMANCE			SALOON	SALOON LWB
Cylinder		V8 90°	Acceleration 0-100 km/h / 0-62 mph	s		4.7	4.8
Capacity	cm³	4395	Standing start, kilometre	s		22.9	23.1
Bore	mm	89.0	Top speed (electronically limited)	km/h		280	280
Stroke	mm	88.3		mph		174	174
Compression ratio	: 1	9.2					
Max. power	kW/hp	373 / 507					
at	rpm	5,500					
Max. torque	Nm/lbs-ft	700 / 516					
at	rpm	3,000 - 4,750					
Engine management		Siemens					
		MSD 85					
Fuel		Super Plus					
Emission classification		Euro 5					
FUEL CONSUMPTION							
			Urban	l/100 km		17.4	17.4
				mpg		16.2	16.2
			Extra-urban	l/100 km		9.0	9.0
				mpg		31.4	31.4
			Mixed	l/100 km		12.1	12.1
				mpg		23.4	23.4
			CO ₂ Emissions	g/km		282	282

TECHNICAL DATA

TRANSMISSION			DIMENSIONS				
Gearbox		Sport automatic ZF 6HP26 TÜ with SWITCH-TRONIC	Length	mm		5087	5227
			Width	mm		1902	1902
Gearbox ratios	1st gear	4.17	Height, unladen	mm		1478	1482
	2nd gear	2.34					
	3rd gear	1.52	Wheelbase	mm		3070	3210
	4th gear	1.14	Front track	mm		1621	1621
	5th gear	0.87	Rear track	mm		1628	1628
	6th gear	0.69					
	rev.	3.40	Luggage capacity	l		500	500
Axle drive ratio	:1	3.46	Fuel tank	l		approx. 82	approx. 82
WHEELS & TYRES			WEIGHTS				
ALPINA CLASSIC weight-optimised light alloy wheels, 20-spoke design with concealed tyre valves behind lockable hub caps			Weight, unladen (DIN)	kg		2040	2070
			Max. weight permitted	kg		2660	2690
	front	8,5 x 21"	Payload	kg		620	620
	rear	10 x 21"	Max. axle load front	kg		1300	1310
Tyres MICHELIN Pilot Sport 2	front	245 / 35 R21	Max. axle load rear	kg		1420	1450
	rear	285 / 30 R21	Max. trailer load permitted, braked	kg		2100	2100
			Max. trailer load permitted, unbraked	kg		750	750

The models in this brochure show the specification for the German market (LHD version). In part, they include optional equipment and accessories not fitted as standard. For precise information on model features and equipment, please contact your ALPINA dealer or importer. Subject to change in design and equipment. March 2009

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ALPINA

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 have built a European-wide redemption and recycling infrastructure, and require high quality and environmental standards. For return of your automobile for the purposes 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



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