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EXCLUSIVE AUTOMOBILES

AUTOMOBILE MASTERPIECES *since 1965*

BMW ALPINA B4 S BITURBO

COUPÉ
COUPÉ AWD
CONVERTIBLE







COUPÉ CULTURE

The design of the BMW ALPINA B4 S Bi-Turbo Coupé combines muscular and delicate elements in one chic silhouette. The Coupé has a long, wide and low stance. Its profile rakes from an imposing, muscular front accentuated with bold lines to a clean and stylish rear. The front spoiler, with subtle ALPINA lettering, integrates seamlessly into the dynamic front

apron which is characterised by large air intakes for the cooling system of the turbo-charged engine, the transmission and the high-performance fixed-calliper brake system. Together with the rear spoiler this reduces lift to a minimum for excellent handling and stability at high speeds.



precise HANDLING

The suspension set-up of the BMW ALPINA B4 S Bi-Turbo provides great ride-quality and comfort while simultaneously offering sharp and dynamic handling. The adaptive ALPINA sport suspension solves this conflict of interest by means of electronically adjustable dampers in collaboration with performance springs, bump stops and stabilisers. The system allows the driver to use the Drive Performance Control (Eco Pro, Comfort, Sport, Sport+)

to select the suspension setting and driving dynamics to match his mood. The high performance MICHELIN Pilot Sport 4 S tyres forego run-flat technology for more comfort and precise handling. New ALPINA CLASSIC 20" forged wheels with revised, minimalistic design. A reduction in unsprung mass results in even sharper handling and precise steering and also leads to enhanced comfort.



pleasure CONVERTIBLE

The ALPINA philosophy rests on a number of central pillars including effortless performance, abundance of torque, smooth automatic transmissions, an emotional soundtrack and precisely tuned suspensions. This in summary, sophisticated driving experience with a sporty touch, is perfectly suited for elegant convertibles where an open roof amplifies all sensations.

The BMW ALPINA B4 S Bi-Turbo Convertible carries on this legacy with its impressive performance, driving dynamics and elegant silhouette. When

the roof is open the BMW ALPINA B4 S Bi-Turbo Convertible stands out with its sleek, clean look. The 20" ALPINA CLASSIC light alloy wheels fit seamlessly into the overall shape of the Convertible and lend it a particularly elegant presence. Hence it is not without reason, that BMW ALPINA Convertibles based on the BMW 4 Series have a small and particularly loyal group of enthusiastic owners who share a passion.

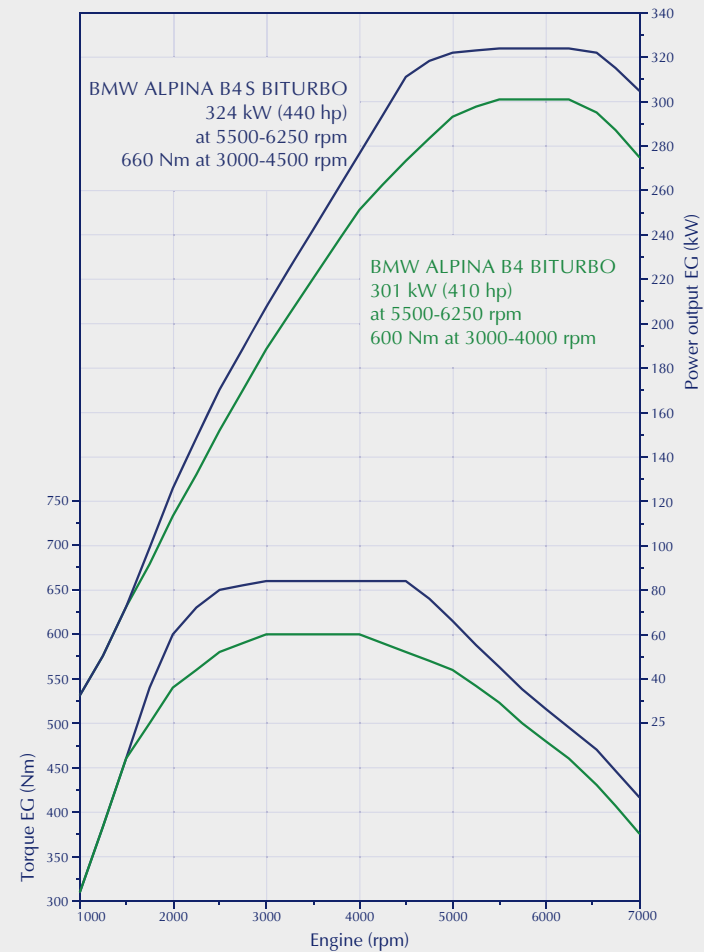


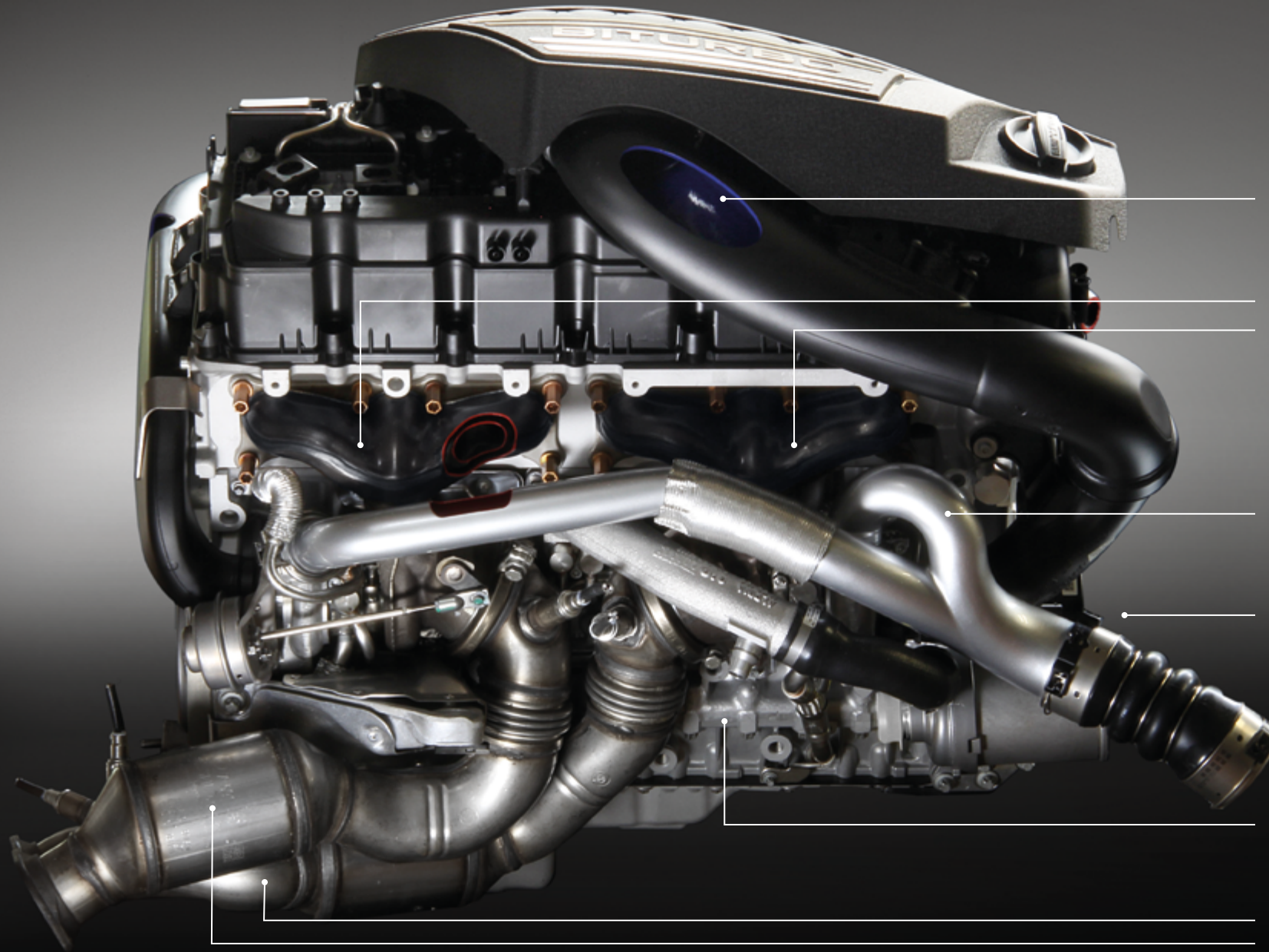
POWERHOUSE

The 3.0 liter straight-six cylinder engine with high-precision direct injection, Valvetronic and Bi-Turbo charging delivers 324 kW (440 hp) between 5500 rpm and 6250 rpm and a maximum torque of 660 Nm at only 3000 rpm. In fact impressive 600 Nm of torque is available across a wide range between 2000 rpm and 5000 rpm. In combination with the excellent ZF 8-Speed Sport-Automatic Transmission this means that the BMW ALPINA B4 S Bi-Turbo models are never lacking in forward momentum – power can be called upon at all times and in an instant, in order to enjoy that typical, effortless ALPINA driving experience.

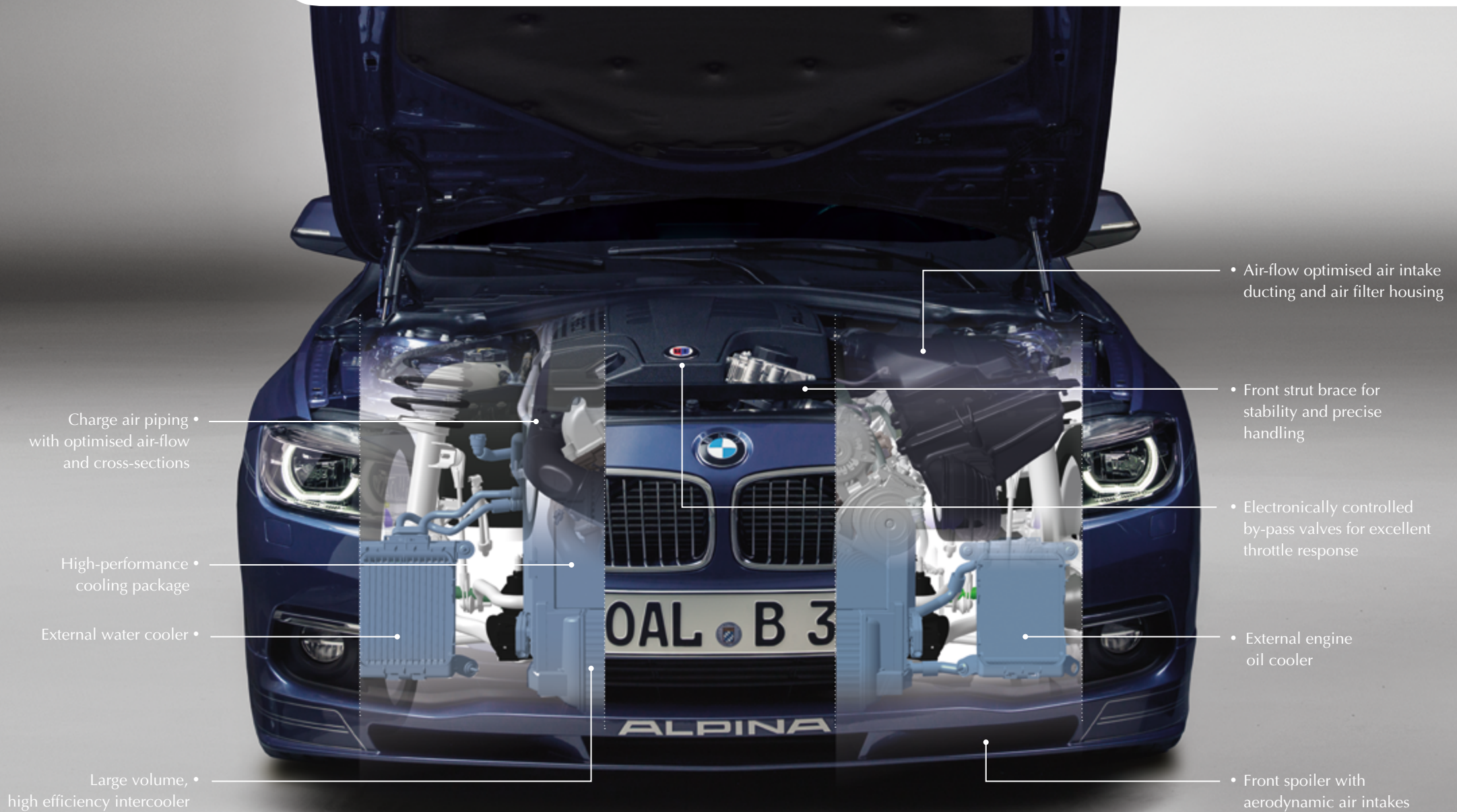
The BMW ALPINA B4 S Bi-Turbo Convertible accelerates in 4.3 seconds, the BMW ALPINA B4 S Bi-Turbo Coupé in just 4.2 seconds from 0 to 100 km/h on their way to a top speed in excess of 300 km/h.

PERFORMANCE AND TORQUE DIAGRAM
BMW ALPINA B4 S BITURBO





- Air-flow optimised air intake ducting
- ALPINA specific turbochargers with double-walled exhaust manifolds
- De-throttled charge air piping, cast aluminium
- Forged steel crankshaft
- Crankcase designed for Bi-Turbo charging
- Near engine catalytic converters



- Charge air piping with optimised air-flow and cross-sections

- High-performance cooling package

- External water cooler

- Large volume, high efficiency intercooler

- Air-flow optimised air intake ducting and air filter housing

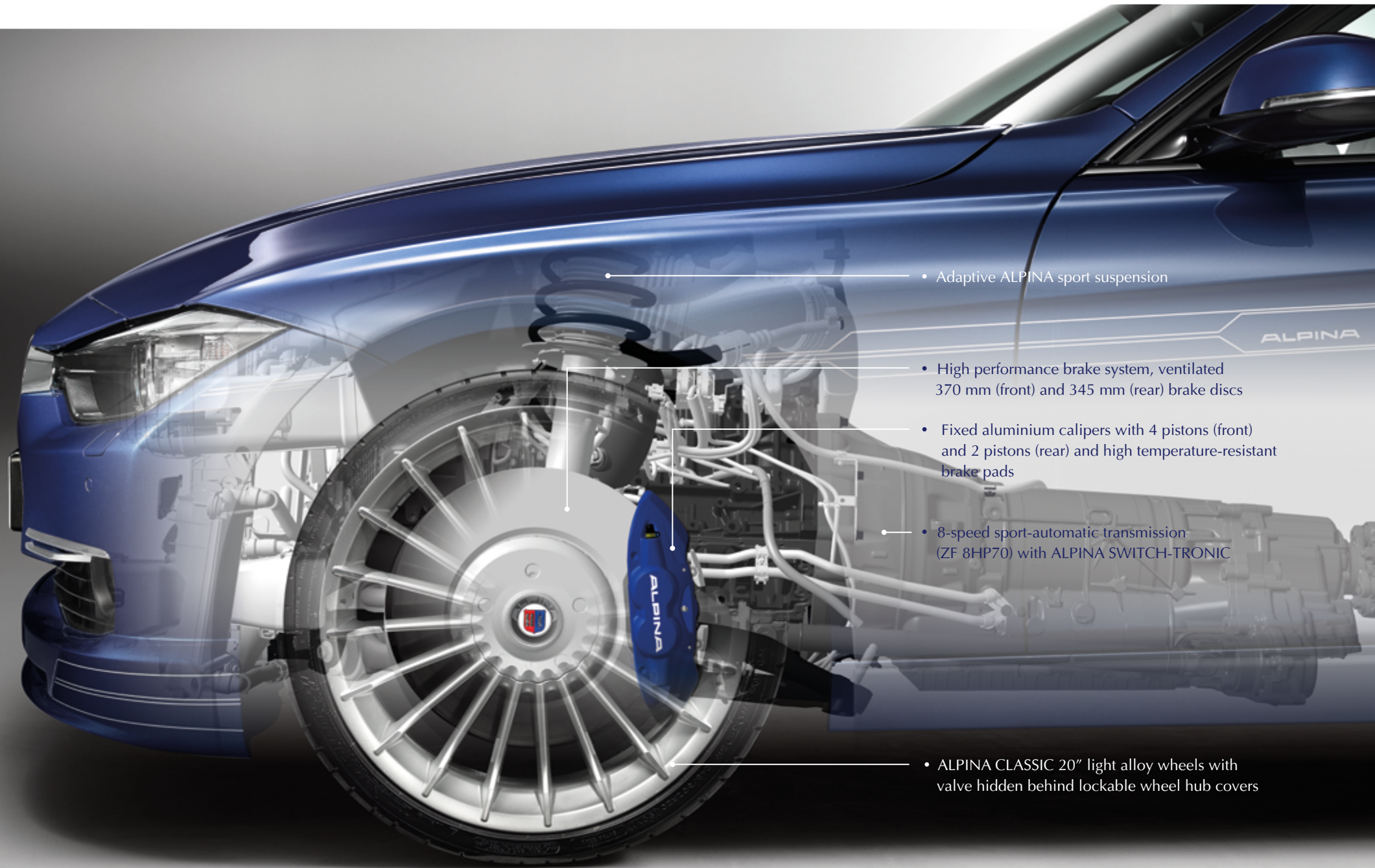
- Front strut brace for stability and precise handling

- Electronically controlled by-pass valves for excellent throttle response

- External engine oil cooler

- Front spoiler with aerodynamic air intakes

• Diagram highlighting B3 S/B4 S Bi-Turbo technology, vehicle depicted is B3 Bi-Turbo MY 2016.



- Adaptive ALPINA sport suspension
- High performance brake system, ventilated 370 mm (front) and 345 mm (rear) brake discs
- Fixed aluminium calipers with 4 pistons (front) and 2 pistons (rear) and high temperature-resistant brake pads
- 8-speed sport-automatic transmission (ZF 8HP70) with ALPINA SWITCH-TRONIC
- ALPINA CLASSIC 20" light alloy wheels with valve hidden behind lockable wheel hub covers

• Diagram highlighting B3 S/B4 S Bi-Turbo technology, vehicle depicted is B3 Bi-Turbo MY 2016.



ALPINA IDENTITY

The BMW ALPINA B4 S Bi-Turbo models come with an extensive list of standard equipment, including leather upholstery, electrically adjustable heated sports seats, automatic climate control, LED headlights, rain sensor and cruise control. The interior is dominated by refined materials and offers an exclusive ambience. The door sills, floor mats, emblems in the seatbacks, instrumentation and a hand-stitched sport steering

wheel in the finest LAVALINA leather make discreet references to the car's exclusive origins. Virtually no limits are placed on the individual design of a BMW ALPINA. From the paintwork to the interior trim and the colour of the upholstery – everything offered by the extensive BMW and ALPINA equipment range is available.



TECHNICAL DATA

BMW ALPINA B4 S BITURBO

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 specific CO₂ emissions of new passenger cars is given in „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), Helmut-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen'.

¹ Fuel consumption and CO₂ emissions measured according to currently valid Regulation (EC) 715/2007. The disclosed fuel consumption and CO₂ emissions are measured according to WLTP (Worldwide Harmonized Light-Duty Vehicles Test Procedure) and converted to NEDC (New European Driving Cycle) 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 shown here.

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.



Differing data for all-wheel drive in (). Modifications and errors excepted.

ENGINE			PERFORMANCE			COUPÉ	CONVERTIBLE
Cylinders	6 in line		Acceleration				
Capacity	cm ³	2979	0-100 km/h / 0-62 mph		s	4.2 (3.9)	4.3
Bore	mm	84.0	Acceleration				
Stroke	mm	89.6	0-200 km/h / 0-125 mph		s	13.6 (13.4)	15.2
Compression ratio	: 1	10.2	Top speed		km/h	306 (303)	304
Max output	kW (hp)	324 (440)			mph	190 (188)	189
at	rpm	5500-6250					
Max torque	Nm / lbs-ft	660 / 487					
at	rpm	3000-4500					
Engine management	BOSCH						
	MEVD 17.2.G						
Fuel type	Super Plus						
Emission classification	Euro 6d-TEMP						

TRANSMISSION				FUEL CONSUMPTION ¹			COUPÉ	CONVERTIBLE
Type	8-Speed Sport-Automatic (ZF 8HP70) with SWITCH-TRONIC			Urban	l/100 km	12.1 (12.3)	12.1	
					mpg	23.3 (23.0)	23.3	
Transmission ratios : 1	1st gear	4.71	5th gear	1.29	Extra-urban	l/100 km	7.3 (7.4)	7.3
	2nd gear	3.14	6th gear	1.00		mpg	38.7 (38.2)	38.7
	3rd gear	2.11	7th gear	0.84	Combined	l/100 km	9.1 (9.2)	9.1
	4th gear	1.67	8th gear	0.67		mpg	31.0 (30.7)	31.0
	Overall gear ratio			7.0	CO ₂ emissions combined	g/km	207 (209)	207
	Reverse gear ratio	:1	3.32		CO ₂ efficiency (Germany)		F (E)	E
	Final drive ratio	:1	2.81					

DIMENSIONS		COUPÉ	CONVERTIBLE
Length	mm	4640	4640
Width	mm	1825	1825
Height, unladen	mm	1373	1380
Wheelbase	mm	2810	2810
Track, front	mm	1552 (1551)	1552
Track, rear	mm	1576	1576
Luggage capacity	l	445	220-370
Fuel tank, approx.	l	60	60

WEIGHT		COUPÉ	CONVERTIBLE
Unladen (EU) ²	kg	1690 (1755)	1915
Max permissible	kg	2135 (2200)	2300
Permitted load	kg	520	460
Max axle load:			
front	kg	1030 (1090)	1075
rear	kg	1150	1260
Max trailer load:			
braked	kg	1700 (1800)	1700
unbraked	kg	750	750

WHEELS & TYRES			
ALPINA CLASSIC 20" with MICHELIN Pilot Sport 4 S:			
Front	8 x 20" with	245/30 ZR20 (90Y) XL	
EU-tyre label ³		E/A/  71 dB	
Rear	9 x 20" with	265/30 ZR20 (94Y) XL	
EU-tyre label ³		E/A/  71 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 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

ALPINA

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, standard and optional equipment may occur. Not all model versions, for example all-wheel drive, may be available in your market or country. 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. 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. Subject to change in design, equipment and technical data. July 2018 © ALPINA

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