



BMW
ALPINA
D3
BITURBO
SALOON
TOURING
COUPÉ



MANUFACTURER OF
EXCLUSIVE AUTOMOBILES

The new Diesel Bi-Turbo continues the D3 success story begun in 2006 by the popular 200 HP (147 kW) ALPINA sport-diesel model, with over 850 units sold since its inception.

The designation “D” unmistakably indicates the diesel powerplants in the ALPINA family. “D” especially stands for dynamism. The new D3 Bi-Turbo, celebrating its world debut at the 2008 GENEVA Salon d’Automobile - with 214 HP/211 bhp (157 kW) @ 4,100 rpm - is an exceptionally powerful and unusually high-revving diesel.

A “D” *with*



THREE MEANINGS

Lastly, the “D” on the BMW ALPINA D3 Bi-Turbo stands for the German “Drehmoment” or torque, which the D3 has in spades. At 450 Nm (332 lbs-ft) of torque from 2,000 to 2,500 rpm, the 2.0-litre, four-cylinder D3 is operating in V8 engine territory,

or amongst large-displacement six-cylinder diesel engines. With the purchase of a D3 Bi-Turbo, an ALPINA customer owns an engine transmission combination that is a rare and fine delicacy when measured against its diesel competitors.



BMW
ALPINA
D3
BITURBO

DIESEL
DYNAMIC
TORQUE

The D3 Bi-Turbo's basis is derived from the BMW 2.0-litre, four-cylinder, turbo-charged diesel engine with a block entirely of aluminium. The high-pressure, 2000 bar Bosch-Common Rail system ensures high efficiency by means of utilising Piezo injectors. Two differently-sized exhaust-driven turbo-chargers breathe on the D3 Bi-Turbo. The smaller of the two chargers begins to operate right from tick-over and helps the four-cylinder yield an impressive 400 Nm (295 lbs-ft) of torque at a mere 1,500 rpm. Peak torque of 450 Nm (332 lbs-ft) is reached at 2,000 rpm. From about 3,000 rpm onward, the second, larger turbo-charger, is then fully on line and drives the engine to its peak performance of 214 horsepower (211 bhp, 157 kW).



efficient TRANSFER *of* POWER

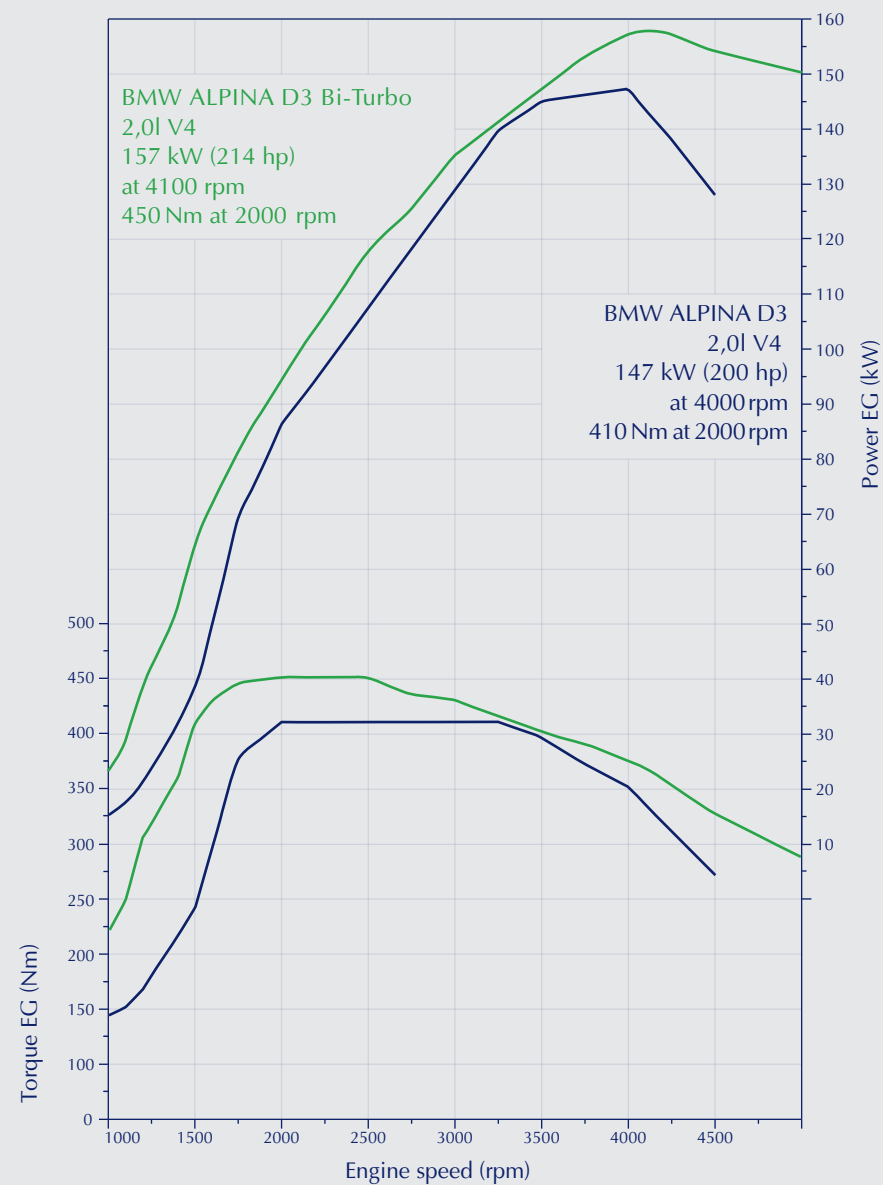
The standard six-speed manual gearbox allows the driver to not only test the 5,200 rpm redline, but also to enjoy the driving experience in a way previously unknown to a diesel. At the request of many customers, one can now enjoy the D3 Bi-Turbo with the optional SWITCH-TRONIC. Using the normal "D" Drive mode, the SWITCH-TRONIC shifts into the next gear most comfortably and almost unnoticed by the driver. "D" mode uses the engine's impressive torque, allowing a driving style that's very economical. In "S" mode, the up-

shifts are later in the rev range, and quicker. This provides for the kind of driving characteristics that to date were only to be found in strong petrol engines.

The D3 Bi-Turbo only really becomes the perfect "Sport Diesel" though, when the driver shifts manually using the shift buttons on the back of the steering wheel. Lightning-quick shifts are the order of the day – even the best drivers can't shift any quicker than themselves



PERFORMANCE AND TORQUE DIAGRAM BMW ALPINA D3 • BMW ALPINA D3 BITURBO





relaxed DRIVING

athletic POWER

The BMW 3 Series Coupé's high chassis rigidity and five-arm rear suspension provided ALPINA great potential for the highest levels of driving dynamics. The strut/spring calibration is fittingly sporty, matching the D3's character. Thanks to the low kerb weight, extraordinarily agile handling has been achieved, exhibiting itself in the form of excellent handling, all the way to the limit.

The standard tyres and weight-optimised 18" ALPINA CLASSIC light-alloy wheels can be upgraded with an optional 19" wheel/tyre combination, available in either ALPINA CLASSIC or DYNAMIC wheel design. The interplay of 245/40 ZR18 front tyres and 265/40 ZR18 rear tyres, riding on 8x18" front and 9x18" rear wheels, yields outstandingly exact handling.





the VERSIONS

ALPINA typical interior and exterior design cues demonstrate the D3 Bi-Turbo Coupé's individuality and elegance. Attractive light-alloy wheels, an instrument cluster with blue dials, and a leather sports steering wheel with ALPINA emblem and multi-functionality (automatic transmission) are standard on the D3 Bi-Turbo.

The front spoiler minimises lift and underscores the Coupé's aesthetic lines, which can be augmented

further with an optional rear spoiler. Initially offered as a Coupé, the D3 will also be available as a Saloon and Touring in Autumn 2008. With the advent of the new-generation D3, ALPINA furthers the previous model's success.

Economical driving and saving money is fun in the BMW ALPINA Bi-Turbo Coupé, a unique combination of driving enjoyment, high fuel economy and tasteful design.



STANDARD / OPTIONAL EQUIPMENT

	SALOON	TOURING	COUPÉ
Active headrests, front; headrests rear	O	O	O
Airbags: driver and front passenger, front and side and ITS head airbags	O	O	O
Air conditioning, manual	O	O	O
Auto Start-Stop function (only with manual-gearbox)	O	O	O
AUX-IN connection (auxiliary input connection for external audio players)	O	O	O
Brake Energy Regeneration	O	O	O
Child seat ISOFIX attachments, rear	O	O	O
Cruise control	O	O	O
Diesel particle filter	O	O	O
Digital speedometer readout via Info Display in instrument cluster	O	O	O
Door sills ALPINA	O	O	O
Dynamic brake lights	O	O	O
Dynamic Stability Control (DSC) incl. Dynamic Brake Control (DBC) + Dynamic Traction Control (DTC)	O	O	O
Electric Power Steering (EPS) mit Servotronic	O	O	O
Electric windows, with open / close tip control	O	O	O
Exhaust system ALPINA, stainless steel with polished tailpipes	O	O	O
Exterior mirrors, heated, electric adjustment	O	O	O
First aid kit and warning triangle	O	O	O
Floor mats ALPINA	O	O	O
Fog lights incl. heated windscreen washer jets	O	O	O
Frontspoiler ALPINA	O	O	O
Instrument cluster ALPINA with led pointers in a blue field	O	O	O
Interior rear-view mirror with automatic anti-dazzle function	O	O	O
Mobility System	O	O	O
Non-smoker's package	O	O	O
On-board computer with extended functions, incl. Check Control and outside temperature	O	O	O
Production plaque, silver plated	O	O	O
Radio BMW Business incl. CD player with MP3 decoder	O	O	O
Rear seat backrest, foldable with 60:40 split	X	O	O
Sport seats, driver and front passenger	O	O	O
Steering wheel: leather steering wheel with Multifunction	O	O	
Steering wheel: sports leather steering wheel with Multifunction			O
Sun protection glazing (Coupé incl. windscreen with grey shade band)	O	O	O
Suspension ALPINA	O	O	O
Toolkit located in luggage compartment	O	O	O
Tyre Puncture Warning System (TWPS)	O	O	O
Xenon headlights for low and high beam, incl. headlight washer system	X	X	O
Paintwork (in standard BMW colours)	Uni	Uni	Uni
Upholstery (with ALPINA design) in leather	Cloth Vertex	Cloth Vertex	Cloth Fluid
Interior trim, ALPINA luxury wood	Satin silver matt	Satin silver matt	Satin silver matt
Light alloy ALPINA wheels	18" CLASSIC	18" CLASSIC	18" CLASSIC

O = standard X = additional charge

ENGINE			PERFORMANCE							
			SALOON		TOURING		COUPÉ			
Cylinder		4 in-line	Acceleration 0-100 km/h/0-62 mph s		6.9	(6.9)	7.2	(7.2)	6.9	(6.9)
Capacity	cm ³	1995	Top speed		244	(244)	241	(241)	244	(244)
Bore	mm	84.0			152	(152)	150	(150)	152	(152)
Stroke	mm	90.0								
Compression ratio	: 1	16.0	FUEL CONSUMPTION							
Max. power	kW/hp/bhp	157/214/211	Urban		6.7	(8.2)	6.8	(8.3)	6.7	(8.2)
at	rpm	4100			42.1	(34.4)	41.5	(34.0)	42.1	(34.4)
Max. torque	Nm/lbs-ft	450/332	Extra-urban		4.6	(4.8)	4.7	(4.9)	4.6	(4.8)
at	rpm	2000 - 2500			61.3	(58.8)	60.0	(57.6)	61.3	(58.8)
Engine management		Bosch	Mixed		5.4	(6.0)	5.5	(6.1)	5.4	(6.0)
		DDE 7.1			52.2	(47.0)	51.3	(46.2)	52.2	(47.0)
Fuel		Diesel	CO ₂ Emissions		144	(159)	146	(162)	144	(159)
Emission classification		Euro 5								

TECHNICAL DATA

TRANSMISSION				DIMENSIONS												
Gearbox	Manual Gearbox		SWITCH-TRONIC	Length		mm	4545	(4545)	4541	(4541)	4580	(4580)				
	ZF GS6-53 DZ		ZF 6HP 19TÜ	Width		mm	1817	(1817)	1817	(1817)	1782	(1782)				
Gearbox ratios	1st gear	5.08	4.17	Height, unladen		mm	1413	(1413)	1450	(1450)	1395	(1395)				
	2nd gear	2.80	2.34	Wheelbase		mm	2760	(2760)	2760	(2760)	2760	(2760)				
	3rd gear	1.78	1.52	Front track		mm	1503	(1503)	1503	(1503)	1503	(1503)				
	4th gear	1.26	1.14	Rear track		mm	1512	(1512)	1512	(1512)	1512	(1512)				
	5th gear	1.00	0.87	Luggage capacity		l	460	(460)	460 - 1385		440	(440)				
	6th gear	0.84	0.69	Fuel tank		l	approx. 61		approx. 61		approx. 61					
	rev.	4.61	3.40													
Axle drive ratio	:1	2.81	3.15	WEIGHTS												
ALPINA CLASSIC 18" weight-optimised light alloy wheels, 20-spoke design with concealed tyre valves behind lockable light alloy hub caps. (optional at additional charge, 19" ALPINA CLASSIC and DYNAMIC wheels with tyres 245/35 ZR19 front and 265/35 ZR19 rear)				Weight, unladen (DIN)		kg	1480	(1490)	1550	(1560)	1480	(1490)				
				front		8 x 18"	Max. weight permitted		kg	2000	(2010)	2090	(2100)	1960	(1970)	
				rear		9 x 18"	Payload		kg	520	(520)	540	(540)	480	(480)	
				Tyres MICHELIN Pilot Sport 2		front	245/40 ZR18	Max. axle load front		kg	945	(945)	960	(960)	920	(920)
						rear	265/40 ZR18	Max. axle load rear		kg	1100	(1100)	1180	(1180)	1070	(1070)
						front	245/40 ZR18	Max. trailer load permitted, braked		kg	1600	(1600)	1600	(1600)	1600	(1600)
		rear	265/40 ZR18	Max. trailer load permitted, unbraked		kg	745	(745)	745	(745)	745	(745)				

Data for D3 Bi-Turbo SWITCH-TRONIC in ()

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. April 2009

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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.de



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