

Retrieved 23 November 2017. Archived from the original on 5 August 2012. 108 cars were built.[citation needed] Later C2 /2 2.7 (and early 1987 B3 2.7) used the M20B25 block with ETA (325e) crank and rods. The car could be ordered with an extra set of lightweight wheels (also 19" Alpina GT3 Classic, but equipped with Michelin Pilot Sport Cup+ tires) for use on the track. rvcs-prodweb.dot.gov.au. It has also been suggested that there was no market for an M7 that would have featured the BMW M's trademark high-rev engine and twin-clutch automated manual transmission, and most customers who desired a performance option in the 7 Series would have featured the V12-engined BMW 760Li.[39] Competitors include the Mercedes-Benz S63 AMG and Audi S8.[17] Alpina B7 xDrive Alpina B7 xDrive was announced by BMW North America on 8 February 2016 with sales starting in September 2016. The 301 kW (404 hp; 409 PS) engine with 600 N·m (443 lb·ft) of torque accelerates the B3 from 0-100 km/h (62 mph) in 4.0 seconds. In manual mode, the driving feeling is similar to the shift dynamics of a dual clutch transmission. German automotive manufacturer Not to be confused with Automobiles Alpine. 7 September 2011. Coordinates: 51°31′57″N 7°37′25″E / 51.5324075°N 7.6236237°E / 51.5324075; 7.6236237 Retrieved from "Tied to this was the decision to begin production of a new set of BMW Alpina automobiles.[5] Brand distinctions Since 1983, Alpina has been recognized by the German Federal Ministry of Transport as an automobile manufacturer, thus Alpina-built cars are branded and registered as Alpina instead of BMW, although an Alpina can be serviced at all BMW dealerships, and is fully covered if a warranty issue arises. As usual with Alpina, this was refined and has "Switch-Tronic".[71] Technical data Alpina B5 Sedan Touring Displacement 4398 cm³ Compression ratio 9,0:1 Horsepower 368 kW (500 PS; 493 hp) at 5500-6000 rpm Torque 700 N·m (516 ft·lbf) at 4250-4850 rpm Transmission 6-Speed Automatic "Switch-Tronic" Top speed 314 km/h (195 mph) 310 km/h (193 mph) Acceleration 0-100 km/h (62 mph) 4,7 s 4,8 s Empty weight 1,720 kg (3,792 lb) 1,810 kg (3,990 lb) Note In 2005, an Alpina B5 Touring was tested by Auto, Motor und Sport on the Nardò Ring. Retrieved 16 March 2012. Retrieved 3 July 2015. Retrieved 13 August 2017. The 3.5-liter BMW M30 inline-six cylinder engine of the BMW 535i was reworked with Mahle pistons, a modified cylinder-head, and a new camshaft increasing power from 155 kW (208 hp) to 187 kW (251 hp). ^ "Rare 1994 Alpina B12 5.7 Coupe is up for sale". ^ a b Vanderwerp, Dave (July 2007). Retrieved 4 August 2017. 17 May 2014. Allegos.com. Retrieved 2013-10-20. Alpina tuned engine. External links Wikimedia Commons has media related to 9ff vehicles. 27 saloon cars were produced, and 19 Tourings - all were left hand drive Except one right hand drive Touring. Official website Alpina-Archive Alpina Cars: Overview of all BMW-Alpina cars The online owner community for BMW Alpinas Information on Alpina typewriters Retrieved from " 2Car tuning company This article may contain excessive, inappropriate, or solely references to self-published sources. The engine, a 3.0 litre twin turbocharged unit with 182 kW (244 hp) and 500 N·m (369 lb·ft) of torque, was based on the engine of the BMW 530d.[66] It was at the time the most powerful diesel saloon in the world. ^ "Alpina XD3 coming next year, XD4 not for Australia | CarAdvice". Retrieved 15 February 2019. ^ "Alpina revs up BMW SUVs with new XD3 and XD4". Drive. camshafts and a stainless steel exhaust system as well as a six speed manual gearbox with an optional system called Shift-Tronic that automatically actuates the clutch when shifting and allows the vehicle to creep in traffic, [93] 32 B12 5.7s were equipped with Shift-Tronic. [94] it produced 306 kW (416 PS; 410 hp). The company worked on carburetors and revised cylinder heads. This has been attributed to a decline in business as Porsche drew in more customers seeking unmodified cars. Top speed is 230 km/h (143 mph). The original B5, which was unveiled at the 2010 Goodwood Festival of Speed, produced 373 kW (500 hp) and 700 N·m (516 lb·ft). ^ "Archived copy". The B3 2.7 is similar to late C2/2 2.7 cars. ^ Haupt, Andreas; Dralle, Jens (5 July 2017). This was then renamed "B3 2.7" five months later, by which time the "C2" labelled cars were discontinued. ^ "RM Sotheby's - 1986 BMW Alpina B6 2.7 | Arizona 2017". ^ "ALPINA SWITCH-TRONIC". In its first years, Alpina established its core competency by tuning carburetors and crankshafts to extract more power from BMW engines, elements that eventually defined the company's logo, which came into being in 1967. Again the cylinder head was decked to increase compression ratio, and it was ported and polished. Evo. This has historic reasons, since Alpina Blue" or "Alpina Green" metallic for installation, and the assembled vehicle is then sent back to Alpina for finishing touches.[2][3] The firm was founded in 1965 by Burkard Bovensiepen, a member of the Bovensiepen family of industrialists. Stuttgart: Vereinigte Motor-Verlage GmbH & Co. KG. ^ a b c d e B10 E34 technische Daten ^ "Driving the Alpina B10 BiTurbo, The World's Fastest Four-Door in 1991". As BMW released the 325i, Alpina revised the engine of the 2.7 models, providing between 190-210 hp (142-157 kW). In March 2017, Alpina revised the engine of the B3, It now produces 324 kW (434 hp; 441 PS). Note:After payment, the download link will show on page, if you can not get it, please message autoepccatalog@outlook.com It include: ISTAGUI 4.31.20 RheingoldCoreFramework 4.31.20 SQDB Chinese 4.31.40 SQDB English 4.31.40 SQDB Germany 4.31.40 SQDB English 4.31.40 SQDB Germany 4.31.40 SQDB Chinese 4.31.40 SQDB English 4.31.40 SQDB English 4.31.40 SQDB English 4.31.40 SQDB Germany 4.31.40 SQDB Chinese 4.31.40 SQDB English 4.31.40 SQDB Chinese 4.31.40 SQDB Ch The 3.5 S, like the 3.5, uses the B10/2 M30 "big six" which makes 261 bhp (195 kW) and 346 N·m (255 lb·ft) of torque. Aside from the C2 drivetrain, the B6 2.7 is cosmetically identical to the B6 3.5.[52] Later C2 2.5 models (C2 /3 2.5) were based on the 325i. Max Rodgers. In 1964, BMW certified the quality of this Alpina product by awarding BMW vehicles fitted with the Alpina system the full factory guarantee. The power of the 4.4-liter V8 was thus increased by 22 kW (30 PS; 30 hp) to 390 kW (530 PS; 523 hp). ^ "Handler". ^ Lorio, Joe (28 August 2012). Bankruptcy In 2013 9ff filed for bankruptcy, along with Gumpert, Wiesmann, Artega and Lola. Road & Track. The C2/2 2.7 makes 204 bhp (152 kW) and 266 N·m (196 lb·ft) of torque. ^ "Alpina Modellhistorie". Retrieved 8 June 2018. Hahnemann. The B3 Biturbo is available as a sedan or touring, both can be combined with xDrive four-wheel drive. ^ Sheehan, Sam (7 March 2017), "Hot Alpina B5 gets 600bhp BMW V8; Alpina's hot B5 will be joined by a 400bhp D5 version based on BMW's 550d", Autocar ^ "Road Vehicle Descriptor (RVD1)". This car held the record for the world's fastest car until the company beat that record with the GT9 later that year. "BMW Alpina B5 Biturbo 2018 Review". ^ "The new 2020 ALPINA B7 xDrive Sedan - Power, Dynamics and Luxury in a new contemporary Design". 533 cars were made from 1983 to 1986.[53] The Alpina B6 3.5 is based on the 325i chassis, but uses the M30 "big six" 3430 cm3 engine, upgraded to 261 bhp (195 kW) and 346 N·m (255 lb·ft) of torque. Cars.uk.msn.com. Only 62 cars were made from 1987 to 1990.[55] Alpina B3 GT3 To celebrate Alpina's victory in the 2011 ADAC GT Masters with an Alpina B6 GT3, Alpina decided to produce a limited run of the Alpina B3 S Bi-Turbo, called the Alpina B3 GT3.[56] The B3 GT3 features a new exhaust system developed in collaboration with Akrapovič which is 11 kg (24 lb) lighter than the standard exhaust and increases power to 300 kW (408 PS; 402 bhp) and 398 lb ft (540 N·m) of torque. A Mahoney, John (24 January 2018). External links Wikimedia Commons has media related to BMW Alpina. The transmission is an 8-speed automatic. [74] Alpina unveiled an updated B5 at the 2012 Geneva Motor Show. It produced 136 kW (182 hp), with 246 N·m (181 lb·ft) of torque. 11 February 2010. Alpina C2 2.7 Cabriolet The larger yet 2.7 litre unit was introduced in February 1986 in uncatalyzed C2/1 form.[50] This engine, sharing the dimensions of the M20B27, develops 210 PS (154 kW; 207 hp) at 5800 rpm and shows what the engine was really capable of.[51] Originally installed in the E30-based Alpina C2 2.7, with available four-wheel drive, the catalyzed C2/2 appeared in the interim C2 2.7 Kat in March 1987. Autoblog. ^ "9ff GTurbo mods Porsche GT3 up to 1,000 horsepower". The standard Z8's run-flat tires on 18 in (46 cm) wheels. A more aggressive camshaft was used, with higher lift and duration, and harder valve springs were installed. Inside, "the finest materials are used to fabricate the exclusive feel". ^ ab c Ritter, Marc. ^ "Chicago 2010: BMW Alpina B7 Sedan Making a Combola Will Solution for a bit of the fabricate the exclusive feel". ^ ab c Ritter, Marc. ^ "Chicago 2010: BMW Alpina B7 Sedan Making a Combola Will Solution for a bit of the fabricate the exclusive feel". ^ ab c Ritter, Marc. ^ "Chicago 2010: BMW Alpina B7 Sedan Making a Combola Will Solution for a bit of the fabricate the exclusive feel". ^ ab c Ritter, Marc. ^ "Chicago 2010: BMW Alpina B7 Sedan Making a Combola Will Solution for a bit of the fabricate the exclusive feel". ^ ab c Ritter, Marc. ^ "Chicago 2010: BMW Alpina B7 Sedan Making a Combola Will Solution for a bit of the fabricate the exclusive feel". ^ ab c Ritter, Marc. ^ "Chicago 2010: BMW Alpina B7 Sedan Making a Combola Will Solution for a bit of the fabricate the exclusive feel". ^ ab c Ritter, Marc. ^ "Chicago 2010: BMW Alpina B7 Sedan Making a Combola Will Solution for a bit of the fabricate the exclusive feel". ^ ab c Ritter, Marc. ^ "Chicago 2010: BMW Alpina B7 Sedan Making a Combola Will
Solution for a bit of the fabricate the exclusive feel". ^ ab c Ritter, Marc. ^ "Chicago 2010: BMW Alpina B7 Sedan Making a Combola Will Solution for a bit of the fabricate the exclusive feel". ^ ab c Ritter, Marc. ^ "Chicago 2010: BMW Alpina B7 Sedan Making a Combola Will Solution for a bit of the fabricate the exclusive feel". ^ ab c Ritter, Marc. ^ "Chicago 2010: BMW Alpina B7 Sedan Making a Combola Will Solution for a bit of the fabricate the exclusive feel". ^ ab c Ritter, Marc. ^ "Chicago 2010: BMW Alpina B7 Sedan Making a Combola Will Solution for a bit of the fabricate the exclusive feel". ^ ab c Ritter, Marc. ^ "Chicago 2010: BMW Alpina B7 Sedan Making a Combola Will Solution for a bit of the fabricate the exclusive feel". ^ ab c Ritter, Marc. ^ Bit Ritter, Marc. ^ "Chicago 2010: BMW Alpina B7 Sedan Making a Combola Will Solution for a bit of the fabricate the exclusive feel". ^ ab c Ritter, Marc. ^ Bit Ritter, Marc. ^ Bit Ritter, ratio 9,0:1 Horsepower 390 kW (530 PS; 523 hp) at 5500 rpm Torque 725 N·m (535 ft·lbf) at 4750 rpm Transmission 6-Speed Automatic "Switch-Tronic" Top speed 317 km/h (197 mph) 313 km/h BMW N57 turbo straight-6 engine, which produces 257 kW (345 hp) and 700 N·m (516 lb·ft) of torque.[79] 7 Series based Alpinas E38 B12 Main article: Alpina released the B12 5.7 in 1995 and the B12 6.0 in 1999. The six-cylinder engines with 3.2 and 3.3 liters displacement were based on the 528i and the 530i.[66] For the 3.3 liter engine the engine block was bored to increase displacement to 3298 cubic centimeters. ^ Vaughn, Mark (7 July 2014). The suspension of the E28 has been modified with Bilstein gas dampers, as standard the B9 was delivered with 16-inch wheels (see picture). Performance of the Alpina V8 differed from that of the standard car in that peak power was reduced to 375 hp (280 kW) while peak torque was raised to 383 lb ft (519 N·m); this torque was available at significantly lower rpm than the original in order to enable more relaxed cruising. The BMW M60 engine of the BMW 540i was modified with higher-compression Mahle pistons and a modified air intake. Retrieved 27 October 2018. motor1.com. Two turbochargers were added to upgrade the vehicle's horsepower to 750, 850 or 1,000 hp.[citation needed] 9ff added new bumpers front and rear, side skirts, new quarter panels, and extra vents. BMW BLOG. ^ "The Automated Clutch - The New LuK ECM" (PDF). Retrieved 22 April 2017. Retrieved 2 April 2016. www.bmwblog.com. A modified intake system enabled a higher rate of air flow, as well as a stainless steel exhaust system (Alpina-Bosal) with metal catalytic converters. Engines The third generation of the B10 was built with both six-cylinder and V8 engines. CAR Magazine. 16 November 2017. Distinctive features of Alpina vehicles are the fact that these models are literally "manu-factured", meaning "hand-made". * don't ask me to remove "Battery voltage (terminal 30) below threshold value..." message, this is a important message!!! * read FASTA Data from Vehicle is disabled in ISTAGUI.exe.config * if you use my Regfiles, open it with Notepad and change the InstallLocation to the right Location on her PC. The Alpina B7 features a 447 kW (608 PS; 599 hp) 4.4 litre twin-turbocharged V8 engine delivering 800 N·m (590 lb·ft) of torque and a more luxurious interior.[citation needed] It was unveiled at the 2016 Geneva Motor Show. "2007 BMW Alpina B7 - Road Test - Car Reviews". Retrieved 8 May 2018. [73] Alpina B5 S Engine The motor's combustion process was optimized by changing the camshaft. Top speed is 224 km/h (139 mph) and 0–100 km/h (62 mph) is achieved in 7.5 seconds. A metal plate inside also proves the heritage and the serial number of the car. Archived from the original on 15 July 2017. ^ "7-series [E6x]". The cylinder head was machined and a modified crankshaft was added, different pistons and camshafts were also used. With the 1,000 hp option, the car could reach 100 km/h (62 mph) in 2.9 seconds, with a top speed of 392 km/h (244 mph).[12] The company also upgraded the direct-injection Porsche Turbo. Carscoops. Archived from the original on 27 May 2014. Brabus, similar marque specializing on high-performance Mercedes-Benz models. Fatthauer earned a degree in automotive engineering, and had worked at recognized tuners until 2001.[citation needed] In May 2004, 9ff achieved its first record, reaching 372 km/h (231 mph) with a 9ff T6 on the Nardo Ring race track in Nardo, Italy. This resulted in a significantly lower exhaust gas temperature, which is the basis for the performance increase. ^ Meiners, Jens (April 2014). (1 August 1986). Main article: Alpina B10 Bi-Turbo The B10 Bi-Turbo performance version of its flagship 7 Series, however they did not want it to be a high-revving, BMW M version (which would have been known as a "BMW M7" under the current nomenclature). Retrieved 28 June 2017. Alpina replaced the cylinder head, pistons, camshaft and modified the Bosch Motronic ECU. www.autocar.co.uk. The gearbox used is the Getrag 260/6 sport, known as a dog-leg gearbox. "BMW Aplina Roadster V8". Retrieved 26 April 2018. * "E39 B10 V8S". The interior features Alpina trim appointments, custom Alpina trim appointments, custom Alpina trims and upholstery. [95] Technical data Model Engine Power Torque Years Production B12 5.0 V12 257 kW (349 PS; 345 hp) 470 N·m (347 lb·ft) 6/1990-5/1994 97 B12 5.7 V12 306 kW (416 PS; 410 hp) 570 N·m (420 lb·ft) 11/1992-11/1996 57 Alpina Roadster V8 Alpina Roadster V8 Alpina Roadster V8 Alpina Was a departure from the hard-edged sporting focus of the original car, and elements of the new grand touring intent were evident throughout this final edition. The engine transmits its power to the rear wheels via a 5-speed gearbox, an automatic transmission was also available. Alpina used the M20B25 engine with very few modifications compared to earlier models. ^ a b Hutton, Ray (February 2003). Life.nationalpost.com. (November 2018) (Learn how and when to remove this template message) Alpina C1 Alpina C1 The Alpina C1 Alpina C1 Alpina C1 Alpina C1 Alpina C1 Alpina C1 The Alpina C1 The Alpina C1 Was based on the E21 323i and was among their most popular early models, providing superior performance over the unmodified car. High-pressure common-rail injection technology (the famous Bosch CP3 high-pressure pump) has revolutionized the diesel industry. The engine has three turbochargers and produces 285 kW (382 hp; 387 PS) and 800 N·m (516 lb·ft) of torque in left-hand drive markets, whereas it has two turbochargers and produces 240 kW (322 hp; 326 PS) and 700 N·m (516 lb·ft) of torque in righthand drive markets.[32] The left-hand drive D5 S saloon has a top speed of 286 km/h (178 mph) and a 0-100 km/h (62 mph) acceleration time of 4.9 seconds and a top speed of 275 km/h (171 mph).[35] Alpina B6 Gran Coupé Main article: Alpina B6 (F12) Alpina B6 Gran Coupé at the Tokyo Motor Show in 2015. Top speed was 220 km/h (137 mph). Only 77 examples of the B10 3.5 were produced. It uses the M20B25 block with M20B27 crank and custom rods. For instance, the Alpina B7 is produced at the same assembly line in Dingolfing, Germany (BMW Plant Dingolfing), as BMW's own 7 Series. ^ "9ff Fahrzeugtechnik GmbH - Best technology for the best performance - Products". Alpina-automobiles.com. Again, a larger displacement was achieved by boring the engine block, which, together with other modifications, increased the power to 250 kW (335 hp), then to 255 kW (342 hp) for the 4.6 liter engine,[68] and 276 kW (370 hp) through an increased stroke with the 4.8 liter engine,[69] Suspension The original suspension For the B10. The high performance Alpina B6 Gran Coupé xDrive was launched in 2014. The 885 head is exclusively used for the B3 has been reworked for the B10. The high performance Alpina B6 Gran Coupé xDrive was launched in 2014. The 885 head is exclusively used for the B3 has been reworked for the B10. The high performance Alpina B6 Gran Coupé xDrive was launched in 2014. The 885 head is exclusively used for the B3 has been reworked for the B10. The high performance Alpina B6 Gran Coupé xDrive was launched in 2014. The 885 head is exclusively used for the B3 has been reworked for the B10. The high performance Alpina B6 Gran Coupé xDrive was launched in 2014. The 885 head is exclusively used for the B3 has been reworked for the B10. The high performance Alpina B6 Gran Coupé xDrive was launched in 2014. The 885 head is exclusively used for the B3 has been reworked for the B10. The high performance Alpina B6 Gran Coupé xDrive was launched in 2014. The 885 head is exclusively used for the B3 has been reworked for the B10. The high performance Alpina B6 Gran Coupé xDrive was launched in 2014. The 885 head is exclusively used for the B3 has been reworked for the B10. The high performance Alpina B6 Gran Coupé xDrive xB10. The bight performance Alpina B6 Gran Coupé xDrive xB10. The bight performance Alpina B6 Gran Coupé xDrive xB10. The bight performance Alpina B6 Gran Coupé xDrive xB10. The bight performance Alpina B6 Gran Coupé xDrive xB10. The bight performance xB10. The bight performance xB10. The bight performa model. ^ "Be Different: Drive This Rare Alpina B6 2.8". Alpina B6 2.8 is based on the 323i, but uses the same B6/2 engine used in the B6 E21. ^ "Alpina B5 gegen Mercedes-Benz E 55 AMG". The B5 reached a top speed of 319 km/h (198 mph).[72] Alpina B5 S At the 2007 Frankfurt Motor Show (IIA), Alpina B6 2.8 is based on the 323i, but uses the same B6/2 engine used in the B6 E21. ^ "Alpina B5 gegen Mercedes-Benz E 55 AMG". The B5 reached a top speed of 319 km/h (198 mph).[72] Alpina B5 S At the 2007 Frankfurt Motor Show (IIA), Alpina presented the revised B5 S. A typical blue and green pattern is often used on interior parts such as stitching on leather. It specializes in converting stock Porsches into street legal racing vehicles, either as fully tuned cars,[1][2][citation needed] or by selling individual
parts or kits.[3] The company is best known for building one of the first cars to exceed 400 km/h (249 mph), the GT9, capable of 256 mph (412 km/h).[4] The former company, 9ff Fahrzeugtechnik GmbH, filed for bankruptcy in September 2013.[5][6] A new company, 9ff Engineering GmbH was founded in October 2013. Süddeutsche Zeitung (in German). Drivetrain The N62B44's output is increased by means of a centrifugal supercharger. The B7's engine, derived from the BMW N63 that is found in the standard BMW lineup, matches the BMW 750i in fuel economy despite increased performance, plus its lighter weight than the 760Li's V12 engine gives the B7 considerably better weight distribution and handling than the 760Li.[2][3] BMW of North America, LLC offered 800 Alpina B7s as limited edition models for 2007 and 2008, all of which quickly sold out.[87] F01/F02 B7 Main article: Alpina B7 (F01) 2013 Alpina B7, based on the F02 model BMW. "Neuer Alpina B5 Biturbo (2017): Power-5er mit M-Ambitionen". "Wie dynamisch ist Alpinas Allrad-Mittelklasse?". Alpina-Archive. A new, softer grade of Nappa leather replaced the Z8's less supple specification, and special Alpina gauges were featured on the dash cluster. Autoblog.com. Archived from the original on 10 February 2016. Retrieved 7 October 2012. 64 (14): 22–23. Retrieved 16 August 2017. {{cite web}}: CS1 maint: archived copy as title (link) modified the exterior with front and rear spoilers and a quad-exit exhaust system. * "Unknown terminal voltage!" message with ENET is fixed, now ISTA check really Voltage, but not display it. In contrast to the cars they are based on, these models are not electronically limited to a top speed of 250 km/h (155 mph), but are able to reach top speeds of more than 280 km/h (174 mph) and 291 km/h (181 mph), respectively.[80] According to Alpina the B12 5.7 was the world's first vehicle with an electrically heated metal catalyst as standard.[81] The B12 5.7 has a 5.7 litre V12 and the B12 5.7 has a 5.7 litre V12 and the B12 5.7 has a 5.7 litre V12. Retrieved 8 June 2013. A b c "ALPINA Automobiles based on BMW 5 Series E60 / E61" As compared to the 545i performance has increased from 450 N·m (332 ft·lbf) to 700 N·m (332 ft·lbf) to 3.2 BMW M52 I6 191 kW (256 hp; 260 PS) at 5,900 rpm 330 N·m (243 ft·lbf) at 4,300 rpm 8/1997-12/1998 B10 3.3 BMW M52 I6 206 kW (376 hp; 280 PS) at 6,200 rpm 335 N·m (247 ft·lbf) at 4,300 rpm 8/1997-12/1998 B10 V8 M62E46 V8 255 kW (325 hp; 347 PS) at 6,200 rpm 335 N·m (247 ft·lbf) at 4,500 rpm 335 N·m (247 ft·lb 480 N·m (354 ft·lbf) 10/1998-9/2002 B10 V8S Alpina F5 V8 280 kW (375 hp; 381 PS) 519 N·m (383 ft·lbf) 1/2002-5/2004 D10 Biturbo M57D30 I6 180 kW (241 hp; 245 PS) 500 N·m (369 ft·lbf) 4/2000-10/2003 E60 B5 Main article: Alpina B5 (E60) The BMW E60 and the 4.4-liter BMW N62 engine from the 545i serve as the basis for the Alpina B5. This model is conceived by Alpina and based on the 650i. "2015 BMW Alpina B6 xDrive Gran Coupe". ^ "Chassis: ALPINA Automobiles". This model is sold by BMW only in the United States and in Canada (but Alpina B5". 49 examples were built.[63] B10 3.0 Allrad The B10 3.0 Allrad The B10 3.0 Allrad was based on the all-wheel drive BMW 525ix, launched in October 1993. Retrieved 10 December 2021. Chassis A further feature is the EDC suspension tuning with the company Sachs Race Engineering. The exterior sports Alpina Classic 21 inch wheels featuring 20 spokes per wheel, Alpina designed front and rear bumpers, and a choice of Alpina blue or green metallic paint. The torgue increased by 25 N·m (18 ft·lbf). "BMW Alpina Roadster V-8". ^ "Alpina B6 3.5S". In April 1993 Alpina launched their replacement, the first B10 with an eight-cylinder engine. "9ff proves the GT9 is stupid fast, tops 253 mph". Hilversum Netherlands: Folio Groep B.V. 28 (26): 64-65. A new model based on the G20 3 Series replaced the F30 model, it uses S58 3.0 litre bi-turbo inline six engine producing 340 kW (456 hp; 462 PS) and 700 N·m (516 lb·ft) of torque, which is 150 N·m (111 lb·ft) more than BMW M3, and 50 N·m (37 lb·ft) more than BMW M3 Competition. Retrieved 25 January 2021. ^ "2013 BMW 750Li, 760Li, and Alpina B7 First Drive". By using conventional, softer-sidewalled tires, compared to the reinforced sidewalls of run-flats, Alpina engineers were able to stiffen the B7's suspension for better handling and still improve the ride quality over that of a stock BMW 750i.[39] For the 2013 model year, the Alpina B7 received similar updates to the rest of the 7 Series lineup, including an 8-speed automatic transmission, while its engine adds Valvetronic and now produces 540 hp (403 kW; 547 PS) and 538 lb·ft (729 N·m), which is good for a 0-100 km/h (62 mph) time of 4.3 seconds and a top speed of 300 km/h (186 mph). On March 10, 2022, BMW announced its intention to acquire Alpina.[4] History BMW Alpina 3.0 CSL (1974), driven by Helmut Koinigg Alpina's roots can be traced back to 1962, when Burkard Bovensiepen developed a Weber dual carburetor for the BMW 1500. Model Engine Power[80] Torque Years[82] Production[83] B12 5.7 V12 285 kW (382 hp; 387 PS) 560 N·m (413 lb·ft) 12/1995-08/1998 202 B12 6.0 V12 316 kW (424 hp; 430 PS) 600 N·m (443 lb·ft) 07/1999-07/2001 94 E65 B7 Main article: Alpina B7 (E65) Alpina S600 and S63 AMG, Audi (particularly quattro's Audi S8), the Bentley Flying Spur, and Jaguar XJ Supercharged, while BMW's own top-of-the-line V12 760Li was considered uncompetitive.[84] The E65 B7 uses a supercharged version of the 4.4-litre V8 found in the BMW 745i as the 750i and its 4.8-litre engine were not around when development began.[84] The 760Li's naturally aspirated 6.0-litre V12 was deemed too heavy to have a sporty offshoot.[7][85][86] The 2011 Alpina B7, with its twin-turbo 4.4-litre V8 engine and 6-speed automatic transmission, is less expensive and yet faster than its F01 stablemate, the 2010 BMW 760Li powered by a twin-turbo 6.0-litre V12 mated to an 8-speed automatic transmission. 64 sedans and 70 tourings were produced. The company claimed that they had the "fastest Porsche in Nardo". ^ "Alpina D5 S: Der schnellste Seriendiesel der Welt". For other uses, see Alpina (disambiguation). Alpina Burkard BovensiepenGmbH & Co. KGTypePrivate (GmbH & Co KG)IndustryAutomotiveFounded1965FounderBurkard BovensiepenHeadquartersBuchloe, GermanyKey peopleBurkard BovensiepenProductsAutomobile.de Alpina Burkard BovensiepenProductsAutomobile.de Alpina Burkard Bovensiepen GmbH & Co. KG is an automobile manufacturing company based in Buchloe, in the Ostallgäu district of Bavaria, Germany that develops and sells high-performance versions of BMW and Mini[1] cars. The Alpina B6 can go from 0-100 km/h (62 mph) in 3.9 (3.8 for the 2016-2019 model) seconds and has a top speed of 318 km/h (198 mph). ^ "Pics Aplenty: 9ff Speed9 takes Porsche 911 Turbo Cabrio to the next level". In 1965, Burkard established a BMW tuning business. following his success with investments in the stock market. Alpina claimed 0-100 km/h (62 mph) acceleration in 7.1 seconds. ^ a b c "ALPINA Automobiles based on BMW 5 Series E39". It also reaches speeds of more than 100,000 revolutions per minute. "Full Gallery: 2020 BMW Alpina B7". It is powered by an Alpina modified BMW M70 V12 (shared with the E32 B12 5.0) producing 257 kW (349 PS; 345 hp) and mated to an automatic transmission. ^ "2011 BMW ALPINA B7". A total of 309 cars were built between 1986 and 1987. He started the tuning business in an outbuilding of the original Alpina typewriter factory. Please help improve it by removing references to unreliable sources where they are used inappropriately and replacing them if necessary. Nitrobahn.com. The Speed9 is a classic roadster that has a lower windshield and cleaner horizontal lines than the 911 and 964 Speedster (1989 and 1993 respectively) that it is based on.[9][10] The same year, the 9ff TR1000 became the fastest Porsche 911 in the world on the racing circuit in Papenburg, with a top speed of 391.7 km/h (243.4 mph).[11] In early 2010, 9ff introduced the twin-turbocharged version of the Porsche GT3RS, through its new tuning program, the GTurbo. Only 210 cars were made from 1986 to 1990.[citation needed] The B6 3.5 was sold in Japan as the B6 2.7 and used the 2.7 L engine from the Alpina C2 as the larger 3.0 L engine was unable to pass emissions. [54] The Alpina B6 3.5 S uses the M3 chassis. Pawel Zal. Autoweek. Retrieved 15 July 2018. B12 5.7 The B12 5.7 Was available from 1992 and is based on the 850CSi. It is powered by an increased displacement version of the BMW S70 V12 with a modified intake, crankshaft. Archived from the original on 2013-10-27. Current lineup Alpina B5 BiTurbo Touring: based on the BMW F30/F31 3 Series - featuring a 3.0-litre straight-six bi-turbocharged diesel engine, delivering 350 PS (257 kW; 345 hp) / 700 N·m (516 lb·ft)[8] Alpina B3 S Bi-Turbo Saloon/Touring: based on the BMW F30/F31 3 Series - featuring a 3.0-litre straight-six bi-turbocharged version delivering 388 PS (324 kW; 434 hp) / 660 N·m (487 lb·ft)[9] Alpina XD3: based on the BMW G01 X3 - featuring a 3.0-litre straight-six diesel engine: a quad-turbocharged version delivering 388 PS (324 kW; 434 hp) / 660 N·m (487 lb·ft)[9] Alpina XD3: based on the BMW G01 X3 - featuring a 3.0-litre straight-six diesel engine: a quad-turbocharged version delivering 388 PS (324 kW; 434 hp) / 660 N·m (487 lb·ft)[9] Alpina XD3: based on the BMW G01 X3 - featuring a 3.0-litre straight-six diesel engine: a quad-turbocharged version delivering 388 PS (324 kW; 434 hp) / 660 N·m (487 lb·ft)[9] Alpina XD3: based on the BMW G01 X3 - featuring a 3.0-litre straight-six diesel engine: a quad-turbocharged version delivering 388 PS (324 kW; 434 hp) / 660 N·m (487 lb·ft)[9] Alpina XD3: based on the BMW G01 X3 - featuring a 3.0-litre straight-six diesel engine: a quad-turbocharged version delivering 388 PS (324 kW; 434 hp) / 660 N·m (487 lb·ft)[9] Alpina XD3: based on the BMW G01 X3 - featuring a 3.0-litre
straight-six diesel engine: a quad-turbocharged version delivering 388 PS (324 kW; 434 hp) / 660 N·m (487 lb·ft)[9] Alpina XD3: based on the BMW G01 X3 - featuring a 3.0-litre straight-six diesel engine: a quad-turbocharged version delivering 388 PS (324 kW; 434 hp) / 660 N·m (487 lb·ft)[9] Alpina XD3: based on the BMW G01 X3 - featuring a 3.0-litre straight-six diesel engine: a quad-turbocharged version delivering 388 PS (324 kW; 434 hp) / 660 N·m (487 lb·ft)[9] Alpina XD3: based on the BMW G01 X3 - featuring a 3.0-litre straight-six diesel engine: a quad-turbocharged version delivering 388 PS (324 kW; 434 hp) / 660 N·m (487 lb·ft)[9] Alpina XD3: based on the BMW G01 X3 - featuring a 3.0-litre straight-six diesel engine: a quad-turbocharged version delivering 388 PS (324 kW; 434 hp) / 660 N·m (487 lb·ft)[9] Alpina XD3: based on the BMW G01 X3 - featuring a 3.0-litre straight-six diesel (285 kW; 383 hp) / 770 N·m (568 lb·ft) (left-hand drive) a bi-turbo charged version delivering 333 PS (245 kW; 328 hp) / 700 N·m (516 lb·ft) (right-hand drive) Alpina D4 Bi-Turbo charged version delivering 333 PS (245 kW; 328 hp) / 700 N·m (516 lb·ft) (right-hand drive) a bi-turbo charged version delivering 333 PS (245 kW; 328 hp) / 700 N·m (516 lb·ft) (right-hand drive) Alpina D4 Bi-Turbo charged version delivering 333 PS (245 kW; 328 hp) / 700 N·m (516 lb·ft) (right-hand drive) a bi-turbo charged version delivering 350 PS (257 kW; 345 hp) / 700 N·m (516 lb·ft) (right-hand drive) Alpina D4 Bi-Turbo charged version delivering 350 PS (257 kW; 328 hp) / 700 N·m (516 lb·ft) (right-hand drive) Alpina D4 Bi-Turbo charged version delivering 350 PS (257 kW; 345 hp) / 700 N·m (516 lb·ft) (right-hand drive) Alpina D4 Bi-Turbo charged version delivering 350 PS (257 kW; 345 hp) / 700 N·m (516 lb·ft) (right-hand drive) Alpina D4 Bi-Turbo charged version delivering 350 PS (257 kW; 345 hp) / 700 N·m (516 lb·ft) (right-hand drive) Alpina D4 Bi-Turbo charged version delivering 350 PS (257 kW; 345 hp) / 700 N·m (516 lb·ft) (right-hand drive) Alpina D4 Bi-Turbo charged version delivering 350 PS (257 kW; 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434 hp) / 660 N·m (487 lb·ft)[11] Alpina B4 S Bi-Turbo Edition 99 Coupé/Convertible: based on the BMW F32/F33 4 Series - featuring a 3.0-litre straight-six bi-turbocharged engine, delivering 440 PS (324 kW; 434 hp) / 660 N·m (487 lb·ft)[11] Alpina B4 S Bi-Turbo Edition 99 Coupé/Convertible: based on the BMW F32/F33 4 Series - featuring a 3.0-litre straight-six bi-turbocharged engine, delivering 440 PS (324 kW; 434 hp) / 660 N·m (487 lb·ft)[11] Alpina B4 S Bi-Turbo Edition 99 Coupé/Convertible: based on the BMW F32/F33 4 Series - featuring a 3.0-litre straight-six bi-turbocharged engine, delivering 440 PS (324 kW; 434 hp) / 660 N·m (487 lb·ft)[11] Alpina B4 S Bi-Turbo Edition 99 Coupé/Convertible: based on the BMW F32/F33 4 Series - featuring a 3.0-litre straight-six bi-turbocharged engine, delivering 440 PS (324 kW; 434 hp) / 660 N·m (487 lb·ft)[11] Alpina B4 S Bi-Turbo Edition 99 Coupé/Convertible: based on the BMW F32/F33 4 Series - featuring a 3.0-litre straight-six bi-turbocharged engine, delivering 440 PS (324 kW; 434 hp) / 660 N·m (487 lb·ft)[11] Alpina B4 S Bi-Turbo Edition 99 Coupé/Convertible: based on the BMW F32/F33 4 Series - featuring a 3.0-litre straight-six bi-turbocharged engine, delivering 440 PS (delivering 452 PS (332 kW; 446 hp) / 680 N·m (502 lb·ft)[12] Alpina XD4: based on the BMW G02 X4 - featuring a 3.0-litre quad-turbocharged straight-six diesel engine delivering 388 PS (285 kW; 383 hp) 770 N·m (568 lb·ft) (right-hand drive only) Alpina D5 S Saloon/Touring: based on the BMW G30/G31 5 Series - featuring a 3.0-litre straight-six biturbocharged diesel engine : delivering 388 PS (285 kW; 383 hp) / 800 N·m (590 lb·ft) (left-hand drive) delivering 326 PS (240 kW; 322 hp) / 700 N·m (516 lb·ft) (right-hand drive) delivering 326 PS (240 kW; 322 hp) / 700 N·m (516 lb·ft) (right-hand drive) delivering 326 PS (240 kW; 322 hp) / 700 N·m (516 lb·ft) (right-hand drive) delivering 326 PS (240 kW; 322 hp) / 700 N·m (516 lb·ft) (right-hand drive) delivering 326 PS (240 kW; 322 hp) / 700 N·m (516 lb·ft) (right-hand drive) delivering 326 PS (240 kW; 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Retrieved 28 October 2018. Retrieved 2010-07-03. 0-100 km/h (62 mph) was achieved in 7.2 seconds. Compared to the E60, the B5 has larger brakes, a new suspension with Electronic Damper Control, a stainless steel silencing system with polished double tailpipes and the typical Alpina changes to the interior and exterior. 2013-09-18. Bytem with polished double tailpipes and the typical Alpina changes to the interior and exterior. 1970, with seventy employees, the original facility changed locations from Kaufbeuren to Buchloe. The engine uses custom Mahle pistons and rods. www.alpina-archive.com. The intake manifold was also redesigned for better flow. CarAdvice.com. The intake manifold was also redesigned for better flow. CarAdvice.com. The intake manifold was also redesigned for better flow. CarAdvice.com. The intake manifold was also redesigned for better flow. sold the B5 Bi-Turbo Edition 50, which marked the company's 50th year in operation. ^ Ingram, Antony (9 February 2016). Retrieved 23 July 2017. The first C2 combined the wider bore of the M20B25 with the slightly larger 76.8 mm (3.02 in) crankshaft of an M20B23, to create a torquier engine of 2552 cc. The N55 straight-six engine is modified by using twin-turbochargers, a sixty-one percent larger intercooler and a new crankshaft. Technical specifications Model B10 3,5[60] Platform BMW 535i E28 Production period 7/1985–12/1987 Displacement 3430 cm³ Engine architecture Inline-six Power 192 kW (257 hp; 261 PS) at 5,700 rpm Transmission 5speed manual transmission, or a 4-speed automatic transmission (optional) Acceleration,0-100 km/h (62 mph) 6,4 s Top speed 250 km/h (155 mph) (automatic: 245 km/h (155 mph)) Production 77[61] E34 B10 Alpina B10 B10 3.5 The B10 3.5 Was the first Alpina based on the BMW E34, With production beginning in April 1988 at launch it was the only available B10. ^ "9ff cars". Retrieved 18 November 2018. A lpina XD4 debuted at the 2018 Geneva Motor Show.[19] It is fitted with a modified version of the B57 diesel engine with four turbochargers,[20] and outputs 285 kW (382 hp) and 568 N·m (419 lbf·ft).[21] The XD4 is the fastest accelerating diesel-powered production SUV, and can accelerate from 0-100 km/h (62 mph) in 4.6 seconds and has a top speed of 268 km/h (167 mph).[22] It is available in left-hand drive markets only.[23] Alpina B3 E-Turbo Main article: BMW 3 Series (G20) Alpina B3 S Touring (G21) The F30 Alpina B3 Bi-Turbo was in production since March 2013. 8 April 2014. Besides engine and interior, Alpina also optimizes the transmission and installs steering wheel-mounted button shifters (called Switch-Tronic) on most cars, with paddle shifters used on the B4 S Edition 99. * resolution can be changed in the ISTAGUI.exe.config * disable CheckSystemRequirements is now possible in ISTAGUI.exe.config * enable programming with ENET is now possible in ISTAGUI.exe.config. auto motor und sport (in German). Lightly facelifted for 2013. 18 October 2016. The engine control unit was also completely revised, which increased the power to 206 kW (276 hp; 280 PS).[67] The two V8
engines with 4.6 (B10 V8) and 4.8 liters (B10 V8S) come from the BMW's S63 4.4L V8 Bi-Turbo, the B8 produces about 621 hp (463 kW; 630 PS) and 590 lb·ft (800 N·m) of torque. 608 PS (447 kW; 600 hp) / 800 N·m (590 lb·ft)[13] Alpina B6 Bi-Turbo Coupé/Convertible/Gran Coupé: based on the BMW F06/F12/F13[14] 6 Series - featuring a 4.4 L V8 bi-turbo engine. Archived from the original on 25 July 2017. "Why are so many German tuning houses going bust?". Only 50 cars were built.[citation needed] The C2 /1 2.7 used the 325e eta mode! engine block, crank and rods, but with custom flat head pistons provided by Mahle. Retrieved 6 August 2017. ^ "B10 4.0". ^ a b c Elsinore, Bradford (20 May 2010). Top speed was 213 km/h (132 mph).[47] The extra power is due to special Mahle pistons, and a special exhaust and ignition system. ^ "BMW 7er E38: ALPINA Automobiles". The ECU was also remapped. The B5 was made from February 2005 to September 2007 and the B5 S was made from September 2007 to May 2010. Alpina: ALPINA Automobile auf Basis der BMW 5er B10 3.5/1". Alpina tuned suspension and handling provided drivers with a Comfort+ and Sport+ mode for ideal rideal comfort and performance. ^ "Official Alpina Website, February 2012". (not needed with Installer) - for Diagnose only, neccessary SQLiteDBs GLOBAL(required), de-DE(optional) and BLP(required), modified. ^ a b "ALPINA Automobile auf Basis der BMW 7er - E38 -" (in German). The engine also utilises new pistons, all of these modifications allow the engine to generate 408 PS (300 kW; 402 hp) between 5,550 and 6,250 RPM and 601 N·m (443 lb·ft) between 3,000 and 4,000 RPM. An ICOM emulator with K+DCAN or ENET can be used, but will NOT communicate over all protocols to program every ECU BMW Rheingold ISTA+ Features: 10.2021 ISTA+4.31.40 version ISTA-P 3.67 Full Dealer Level Diagnostics ONLY Support English, Chinese, Germany SQ:100GB, Psdzdata:7GB(lite) or 180+GB(full), ISTA-P:60GB make sure your PC have enough space Offline version can not update, never expired Installation guide included, do it by yourself very easy ISTA+ support F,G,I series programming and all series programming and all series diagnostics ISTA-P support E seri Repair Instructions Technical Documents Apply Firmware and Software updates to your BMW Diagnostic on Individual Modules BMW Rheingold ISTA+ & ISTA-P Support Car BMW 1 Series (E81, E82, E87, E88, F20, F21, F52, F40) BMW 2 Series (F22, F45, F46) BMW 3 Series (E81, E82, E87, E88, F20, F21, F52, F40) BMW 4 Series (F32, F33) F34, G20) BMW 4 Series (F32, F33) F34, G20) BMW 4 Series (F32, F45, F46) BMW 5 Series (E81, E82, E87, E88, F20, F21, F52, F40) BMW 5 Series (E81, E82, E87, E88, F20, F21, F52, F40) BMW 5 Series (F32, F45, F46) BMW 5 Series (F32, F46) B F36) BMW 5 Series (E60, E61, F10, F11, F07, F18, G30, G31, G38) BMW 32 (F39) BMW X3 (E83, F25, G01) BMW X4 (F26, G02) BMW X5 (E53, E70, F15, G05) BMW X6 (E71, E72, F16) BMW X7 (G07) Mini (R50, R52, R53, R55, R56) BMW X3 (E83, F25, G01) BMW X4 (F26, G02) BMW X5 (E53, E70, F15, G05) BMW X6 (E71, E72, F16) BMW X7 (G07) Mini (R50, R52, R53, R55, R56) BMW X4 (F26, G02) BMW X5 (E53, E70, F15, G05) BMW X5 (E53, E70, F15, G15) BMW X5 (E53, E70, F15) BM R57, R57, R58, R59, R60, R61, F54, F55, F56, F60) Car and Driver. Motor1.com. Retrieved 13 August 2017.[permanent dead link] ^ "BMW 5 Series F10/F11". Top Speed. ^ "9ff Fahrzeugtechnik GmbH - Best technology for the best performance - Willkommen bei 9ff". References ^ "alpina-wheels". ^ "2007 BMW ALPINA B7 Review by Cars.com Staff". The car makes 210 bhp (157 kW) and 270 N·m (199 lb·ft) of torque. ^ "F10 ALPINA B5 BiTurbo Unveiled". An Alpina steering wheel with three solid spokes replaced the original, which could not be retrofitted with shift paddles for the automatic. It features upgraded brakes with 380 mm discs, a Drexler limited slip differential and fully adjustable coilovers at all four corners.[57] Alpina B6 3.5 S, based on the E30 M3 The most noticeable changes were on the exterior: The B3 GT3 sports a carbon fibre rear wing, a special front splitter and 19" lightweight Alpina GT3 classic wheels, painted in Himalaya Grey. This version put out 185 PS (136 kW; 182 hp) and 265 N·m (195 lb·ft), 74 lb ·ft), 74 lb ·ft units were built between 1985 and November 1986.[49][50] After the C2 2.7 appeared in the spring of 1986, the 2.5 was slightly upgraded and gained 5 horsepower. ^ "9ff speeds into Essen with Speedster-inspired Speed9". autobild.de. The switching time was reduced by 50% compared to the predecessor. Unlike BMW M's own M5 which has a naturally aspirated, high-revving 5.0L V10, the Alpina B5 uses a supercharged 4.4L V8 which produces similar horsepower and greater torque at lower rpm. On April 10, 2008, the 9ff GT9 reached 407 km/h (253 mph) (confirmed with GPS), becoming the fastest street-legal car in the world.[7][8] In 2009, 9ff unveiled the Speed9, the second car entirely built by 9ff. It was founded by Jan Fatthauer in 2001. In December of that year, Fatthauer drove a new car, the 9ff V400, up to 388 km/h (241 mph). 0-100 km/h (0-62 mph) is achieved in 7.8 seconds. G16 B8 B8 Gran Coupé Alpina B8 Gran Coupé Mas available in 2021 and is based on the BMW M850i and M8 Gran Coupé Mas available in 2021 and is based on the BMW M850i and M8 Gran Coupé Mas available in 2021 and is based on the BMW M850i and M8 Gran Coupé Mas available in 2021 and is based on the BMW M850i and M8 Gran Coupé Mas available in 2021 and is based on the BMW M850i and M8 Gran Coupé Mas available in 2021 and is based on the BMW M850i and M8 Gran Coupé Mas available in 2021 and is based on the BMW M850i and M8 Gran Coupé Mas available in 2021 and is based on the BMW M850i and M8 Gran Coupé Mas available in 2021 and is based on the BMW M850i and M8 Gran Coupé Mas available in 2021 and is based on the BMW M850i and M8 Gran Coupé Mas available in 2021 and is based on the BMW M850i and M8 Gran Coupé Mas available in 2021 and is based on the BMW M850i and M8 Gran Coupé Mas available in 2021 and is based on the BMW M850i and M8 Gran Coupé Mas available in 2021 and is based on the BMW M850i and M8 Gran Coupé Mas available in 2021 and is based on the BMW M850i and M8 Gran Coupé Mas available in 2021 and is based on the BMW M850i and M8 Gran Coupé Mas available in 2021 and is based on the BMW M850i and M8 Gran Coupé Mas available in 2021 and is based on the BMW M850i and B8 Gran Coupé Mas available in 2021 and is based on the BMW M850i and B8 Gran Coupé Mas available in 2021 and is based on the BMW M850i and B8 Gran Coupé Mas available in 2021 and is based on the BMW M850i and B8 Gran Coupé Mas available in 2021 and is based on the BMW M850i and B8 Gran Coupé Mas available in 2021 Coupé's respectively. The XD3 is fitted with an Alpina-modified version of BMW's B57 diesel inline-six engine. How to Install 10.2021 BMW Rheingold ISTA+ 4.31.40 \$19.99 Add to cart \$45.99 Add to cart \$45 Insideline.com. With an electronically limited top speed of 310 km/h (193 mph) and a 0-100 km/h (62 mph) acceleration time of 3.7 seconds along with a sportier setup, it is the sporties 7 Series[40] but is sold by BMW only in the United top speed of 310 km/h (193 mph) and a 0-100 km/h (193 mph) acceleration time of 3.7 seconds along with a sportier setup, it is the sporties top speed of 310 km/h (193 mph) and a 0-100 km/h (193 mph) acceleration time of 3.7 seconds along with a sportier setup, it is the sporties top speed of 310 km/h (193 mph) acceleration time of 3.7 seconds along with a sportier setup, it is the sporties top speed of 310 km/h (193 mph) acceleration time of 3.7 seconds along with a sportier setup, it is the sporties top speed of 310 km/h (193 mph) acceleration time of 3.7 seconds along with a sportier setup, it is the sporties top speed of 310 km/h (193 mph) acceleration time of 3.7 seconds along with a sportier setup, it is the sporties top speed of 310 km/h (193 mph) acceleration time of 3.7 seconds along with a sportier setup, it is the sporties top speed of 310 km/h (193 mph) acceleration time of 3.7 seconds along with a sportier setup, it is the sporties top speed of 310 km/h (193 mph) acceleration time of 3.7 seconds along with a sportier setup, it is the sporties top speed of 310 km/h (193 mph) acceleration time of
3.7 seconds along with a sportier setup, it is speed of 310 km/h (193 mph) acceleration time of 3.7 seconds along with a sportier setup, it is speed of 310 km/h (193 mph) acceleration time of 3.7 seconds along with a sportier setup, it is speed of 310 km/h (193 mph) acceleration time of 3.7 seconds along with a sportier setup, it is speed of 310 km/h (193 mph) acceleration time of 3.7 seconds along with a sportier setup, it is speed of 310 km/h (193 mph) acceleration time of 3.7 seconds along with a speed of 310 km/h (193 mph) acceleration time of 3.7 seconds along with a speed of 310 km/h (193 mph) acceleration time of 3.7 seconds along with a speed of 310 km/h (193 mph) acce of 330 km/h (205 mph). At low speeds, it spontaneously responds as a conventional displacement compressor, but it can also immediately provide the thrust of a turbo. In the quad-turbo left-hand drive version, the engine outputs 388 PS (383 hp; 285 kW) and 770 N·m (568 lbf·ft), giving a 0-100 km/h (62 mph) time of 4.6 seconds and a top speed of 266 km/h (165 mph). ^ "2016 Alpina B7 Biturbo review | Autocar". Performance numbers are similar to the later C2/2 2.7 cars. Retrieved 5 June 2012. The 3.5 liter six-cylinder engine from the B6 3.5 was fitted to replace the B9's 3.45 liter. A new company, 9ff Engineering GmbH, was founded in October of the same year. History Early years Jan Fatthauer founded 9ff Fahrzeugtechnik GmbH in 2001 in Dortmund, Germany, as a Porsche tuning company. Motoring Australia. The reaction time is 1/10 s. ^ "Alpina D5 S review: tuned twin-turbo 5 Series tested". ICOM Recommended. alpina-automobiles.com. ^ Panait, Mircea (9 March 2018). 600 PS (441 kW; 592 hp) / 800 N·m (590 lb·ft)[15] Alpina B7 Bi-Turbo: based on the BMW G12 7 Series - featuring a 4.4 L V8 bi-turbo engine. www.press.bmwgroup.com. Archived from the original on 9 July 2017. The 750 PS (740 bhp; 550 kW) 9ff GTurbo 750, based on the 2006 Porsche 997 GT3 RS Models Production (2019): 9ff GTurbo 9ff GTy off Speed9 Discontinued models (partial list): 9ff T6 9ffV400[13] 9ff TRC-85 9ff TRC-91 References ^ "9ff — Autoblog". Retrieved 2019-07-02. Larger throttle bodies were installed (the C2/2 version uses the same throttle body as the M20B25 325i). RM Sotheby's. The B3 2.7 continued to be available until June 1992, in all body variants and drivetrain configurations (excepting automatics) in which the E30 was offered.[50] Around 1986, 67 "B6 2.7"-labelled C2-engined E30s were built for export to Japan, where the larger 3.0 L B6 3.5 had a hard time passing emissions regulations. ^ Nick, By (2008-03-25). 9ff.com. Suspension and brakes were upgraded. Compared to cars from BMW's in-house performance subsidiary, BMW M, Alpina's vehicles have more emphasis on Touring, higher torque, and have their own Alpina-style shiftable ZF automatic transmissions. [7] For instance, regarding the high performance variants of the BMW E60 5 Series, the B5 offers a different take on performance and how to accomplish it. 621 PS (457 kW) 612 hp) / 800 N·m (590 lb·ft) Alpina XD3 at Geneva Motorshow 2018 The Alpina XD3 at Geneva Motorshow 2018 The Alpina XD3 at Geneva Motor Show. alpina-archive.com. Production is unclear, with estimates ranging from 35 cars built to around 400 depending on the source. [48] Alpina C2 2.7 Allrad, based on the all-wheel drive BMW 325ix An interesting variant of the M20 engine was Alpina's C2. (July 2019) (Learn how and when to remove this template message) 9FF engineering GmbHTypePublicIndustryAutomotiveFounded2001HeadquartersDortmund, GermanyKey peopleJan FatthauerProductsAutomobiles, Automotive partsWebsite9ff.com A 9ff GT9-CS in 2012 9ff is a German car tuning company based in Dortmund. Vol. 30. ISTA+ (AKA Rheingold or ISTA-D) DIAGNOSTICS for All Vehicles PROGRAMMING for F/I/G/RR & MINI, but requires an ICOM ISTA-P PROGRAMMING for F/I/G/RR & MINI, but requires an ICOM ISTA-D) DIAGNOSTICS for All Vehicles PROGRAMMING for F/I/G/RR & MINI, but requires an ICOM ISTA-D) DIAGNOSTICS for All Vehicles PROGRAMMING for F/I/G/RR & MINI, but requires an ICOM ISTA-D) DIAGNOSTICS for All Vehicles PROGRAMMING for F/I/G/RR & MINI, but requires an ICOM ISTA-D) DIAGNOSTICS for All Vehicles PROGRAMMING for F/I/G/RR & MINI, but requires an ICOM ISTA-D) DIAGNOSTICS for All Vehicles PROGRAMMING for F/I/G/RR & MINI, but requires an ICOM ISTA-D) DIAGNOSTICS for All Vehicles PROGRAMMING for F/I/G/RR & MINI, but requires an ICOM ISTA-D) DIAGNOSTICS for All Vehicles PROGRAMMING for F/I/G/RR & MINI, but requires an ICOM ISTA-D) DIAGNOSTICS for All Vehicles PROGRAMMING for F/I/G/RR & MINI, but requires an ICOM ISTA-D) DIAGNOSTICS for All Vehicles PROGRAMMING for F/I/G/RR & MINI, but requires an ICOM ISTA-D) DIAGNOSTICS for All Vehicles PROGRAMMING for F/I/G/RR & MINI, but requires an ICOM ISTA-D) DIAGNOSTICS for All Vehicles PROGRAMMING for F/I/G/RR & MINI, but requires an ICOM ISTA-D) DIAGNOSTICS for All Vehicles PROGRAMMING for F/I/G/RR & MINI, but requires an ICOM ISTA-D) DIAGNOSTICS for All Vehicles PROGRAMMING for F/I/G/RR & MINI, but requires an ICOM ISTA-D) DIAGNOSTICS for All Vehicles PROGRAMMING for F/I/G/RR & MINI, but requires an ICOM ISTA-D) DIAGNOSTICS for All Vehicles PROGRAMMING for F/I/G/RR & MINI, but requires an ICOM ISTA-D) DIAGNOSTICS for All Vehicles PROGRAMMING for F/I/G/RR & MINI, but requires an ICOM ISTA-D) DIAGNOSTICS for All Vehicles PROGRAMMING for F/I/G/RR & MINI, but requires an ICOM ISTA-D) DIAGNOSTICS for All Vehicles PROGRAMMING for F/I/G/RR & MINI, but requires an ICOM ISTA-D) DIAGNOSTICS for All Vehicles PROGRAMMING for F/I/G/RR & MINI, but requires an ICOM ISTA-D) DIAGNOSTICS for All Vehicles PROGRAMMING for F/I/G/RR & MINI, but requires an ICOM ISTA-D) 590 lb ft (800 N·m) of torque. ^ "This Alpina C1 is a Rare Bit of BMW 3 Series History". The displacement of the six-cylinder single-VANOS and four-valve engine was increased from 141 kW (189 hp) to 170 kW (228 hp). The head was decked to improve compression ratio (10.1:1 for models with the 731 head, 9.6:1 for later "885" head models with catalytic converter) and matched with custom pistons - flat Mahle pistons for engines equipped with the 885 head. 2013-09-20. 2 May 2007. In 1992 production was stopped after 572 cars were made.[62] B10 4.0 In 1993 the BMW M30 ended production forcing Alpina to discontinue the B10 3.5 and B10 BiTurbo. At the time, 9ff was building a wide variety of products, including some powered by alternative fuel, setting several records. [citation needed] In September 2006, the 9ff TRC-85 reached 380.5 km/h (236.4 mph), becoming the fastest street-legal convertible of its time. ALPINA Burkard Bovensiepen GmbH + Co. KG. Retrieved 3 August 2017. Loading... autoevolution. ^ "Video: 9ff TR 1000 reaches 391.7 km/h at Papenburg test track". Only 99 units were produced.[57] 5 Series based Alpinas E28 B9 Alpina B9, based on the BMW E28 The Alpina B9 was built in a small series from November 1981 to December 1985 on the basis of the BMW E28. 0-100 km/h (62 mph) is achieved in 7.2 seconds. The output was 192 kW (261 PS; 257 hp). The company had eight employees. Retrieved 10 February 2016. The brakes and suspension were also upgraded. Alpina. Specification includes a more luxurious interior, 20-inch Alpina light-alloy wheels, aerodynamic elements and exclusive Alpina trims and paints. ^ a b c "2011 BMW ALPINA B7". The B5 can accelerate from 0-100 km/h (0-62 mph) 3.5 seconds with a top speed of 330 km/h (205 mph), making it the fastest estate car currently in production.[30][additional citation(s) needed] Alpina D5 S Main article: Alpina B5 (G30) Alpina D5 S Interior The Alpina D5 S debuted at the 2017 Frankfurt Motor Show[31] in all-wheel drive only sedan and Touring variants. ^ "Alpina B6 xDrive Gran Coupe Available on the 535i and received several upgrades by Alpina, being the fastest production saloon in the world at the time of its introduction, as tested by Road & Track.[65] Production ended in 1994 with 507 examples produced, almost as many as the B10 3.5. E39 B10 Alpina B10 V8 The B10 as a sedan and touring based on the BMW E39 from January 1997 to May 2004.[66] In February 2000, Alpina introduced the Alpina D10 Biturbo, the first six-cylinder diesel model produced by Alpina. Gear selection was displayed in an Alpina-specific display mounted in front of the wheel. 21 June 2010. Alpina modified the "200" casting number cylinder head specific to the 325e with bigger intake valves, larger air intake ports, and redesigned the valve chamber for better flow. Motor Trend. The Alpina B5 was introduced at the 2017 Geneva Motor Show in all-wheel drive Saloon or Touring versions. [25] The B5 features a 4.4-litre N63M30 V8 engine [26] that generates a maximum power output of 447 kW (599 hp; 608 PS) and 800 N·m (590 lb ft) of torque.[27] Based on the N63B44O2 V8, it has uprated pistons,[28] new twin-scroll Garrett turbochargers[29] and new spark plugs by NGK. "First Drive: Porsche 9ff GT9 review (2008 model) - MSN Cars UK". Alpina reworked the head which was ported and polished, installed harder valve springs and a hotter cam. BMW Rheingold ISTA+ and ISTA-P are special diagnostic and diagnostic software for BMW vehicle.It include diagnostic, programming, wiring diagrams, repair manual. ^ "SpeedART Declares Bankruptcy, Blames it on Porsche Lawsuit, 9ff Also Files for Insolvency". ^ "E39 B10 3.2". Automobile-Catalog. Retrieved 2019-06-30. p. 212. Archived from the original on 29 July 2012. ^ "Technische Daten: ALPINA Automobiles". Compression ratio was increased to 10.2:1. (324 km/h or 202 mph for the 2016-2019 model)[36] Alpina B7 (G12) The Alpina B7 (G12) The Alpina B7 is one of the two Alpina B7 (G12) The Alpina B7 (G12) T same assembly line in Dingolfing, Germany, along with BMW's own 7 Series.[citation needed] It can be equipped identically to a normal M760li. Custom ECU mapping is used. "Alpina Brings XD3 And XD4 In Geneva, Both Are Quad-Turbocharged". 8 August 2016. 19 April 2018.
Retrieved 9 August 2021. alpinacars. B5 Bi-Turbo Alpina B5 Bi-Turbo Touring The B5 is based on the 550i and is powered by an Alpina-modified version of the BMW N63 twin-turbo V8 engine. Alpina Burkard Bovensiepen KG was established on 1 January 1965 in Kaufbeuren, Bavaria. The B3 GT3 was available in Black Sapphire metallic, Alpina Burkard Bovensiepen KG was established on 1 January 1965 in Kaufbeuren, Bavaria. The B3 GT3 was available in Black Sapphire metallic, Alpina Burkard Bovensiepen KG was established on 1 January 1965 in Kaufbeuren, Bavaria. official GT3 design. Mint Classics. Archived from the original on 27 June 2015. Cars.com. ^ Buckley, Martin. Retrieved 4 March 2021. Retrieved 4 March 2021. Retrieved 4 March 2021. Retrieved 26 May 2014. Alpina also modified instrument cluster. [58] Technical specifications B9 3,5 B9 3,5 / 1 Production period 11/1981 - 08/1983 01/1983 - 12/1985 Motor type B9 Design Inline-six Displacement 3453 cm3 3430 cm3 Power 180 kW (241 hp; 245 PS) at 5,700 rpm Acceleration 0-100 km/h (62 mph) 6.7 s Top speed 240 km/h (149 mph) Source [59] E28 B10 In 1985, Alpina launched the B10 3.5, based on the BMW 535i (E28). It is available as a Saloon or Touring version with a 3.0-litre straight-six, bi-turbocharged diesel engine with 257 kW (345 hp; 349 PS) of Power and 700 N m (516 lb ft) of torque. freenet.de. Alpina automobiles are also sold at some BMW dealerships. ^ "ALPINA Meilensteine" (in German). Autovisie (in Dutch). Archived from the original on 14 July 2011. 630 PS (457 kW; 620 hp) / 800 N·m (590 lb ft) [18] Alpina XB7: based on the BMW G07 X7 - featuring a 4.4 L V8 bi-turbo engine. A Heitz, Rudolf, ed. The B7 can accelerate from 0-60 mph (97 km/h) in 3.6second and reach a top speed of 205 mph (330 km/h).[92] 8 Series based Alpinas E31 B12 B12 5.0 Alpina B12 5.0 Was built from 1990 to 1994 and is based on the BMW E31 850i. Engine management is Bosch Motronic 1.3. The B3 2.7 is equipped with a catalytic converter to conform to emission standard of the time. ^ a b "2007 BMW ALPINA B7 Review by Cars.com Staff". www.alpina-automobiles.com. The highlight was in 1970, when the team's cars won the European Touring Car Championship, the German Hillclimb Championship, rally and track racing championships, and the prestigious Spa 24 Hours. 28 August 2012. ^ "Alpina Typentabelle". ^ "Nardo High-Speed: Wem die Stunde schlägt". ^ Baumann, Uli (11 September 2013). The C1 2.5 and early C2 / 2.6* models used the M20B23 (2,3L) engine, but bore and stroke were increased to achieve a displacement of 2552 cm3. ^ a b "2011 BMW Alpina B7 First Drive". The head is decked ~ 1 mm to improve CR to 9.6:1 and matched with custom domed KS or Mahle pistons. The face-lifted model, unveiled in February 2019, has a better power band which allows better performance, with a 0-100 km/h (62 mph) acceleration time of 3.6 seconds. ^ "E39 B10 V8". The engine was a re-designed and enlarged V8 with a displacement of 4.6 liters, which was also used in the E36 Alpina B8 4.6 With 250 kW (335 hp), the power was only just below the B10 Bi-Turbo. The F01 B7 will be offered again for the 2011 model year in the US, with approximately 500 vehicles (half of the annual production of the B7) with a choice of rear-wheel drive and/or a standard or long wheelbase (the B7, B7 L (long wheelbase), B7 xDrive), otherwise all configurations have the same equipment.[88][89] Roughly 80 models will be sold in Canada, all of the xDrive variety due to that country's winter weather.[39] The B7's twin-turbo 4.4-litre V8 is assembled by hand at Alpina's facility in Buchloe, Germany, before being shipped to BMW for installation, and the assembled by hand at Alpina's facility in Buchloe, Germany, before being shipped to BMW for installation. horsepower, albeit with some turbo lag due to the larger turbos, yet more measured throttle mapping makes the B7 smoother than a stock BMW 750i.[90] While BMW uses run-flat tires for its 7 Series, the B7 comes with non-reinforced tires with a tire repair kit for emergencies. ^ a b c d "Preview: 2013 Alpina B7 offers outrageous performance" Driving | National Post". Archived from the original on 2012-01-26. 9ff.de. ^ "New Alpina D5 S revealed in saloon and estate forms in Frankfurt". Although Alpina ceased to exist at the end of the 1960s in their attempt to move into the textile industry. The top speed is 305 km/h (190 mph). 254 cars were built from 1987 to 1992. The D5 S uses a modified 3.0-liter B57D30 diesel inline-six engine. Top Gear. Top Speed is 250 km/h (155 mph). The production process switches between fine tuning the engine, delivering it to the BMW plant, marrying engine and body there, and bringing it back to Alpina for interior upgrade with Alpina's specific components, again all in a hand-made process that allows only limited production numbers. Max power is 140 kW (188 hp), with 235 N·m (173 lb·ft) of torque. - for Programming is SDP needed, using older or newer Versions allowed. Alpina D3 Bi-Turbo Alpina D3 Bi-Turbo Was presented at IAA 2013. www.evo.co.uk. 1 September 2017. Unsourced material may be challenged and removed. A thin, pinstriped style outside body decor set in gold or silver is also a hallmark of older Alpina cars which is an option on new Alpina models. Please help improve this article by adding citations to reliable sources. About 500 examples were produced.[58] Changes The B9 is based on the 528i, whose M30-2.8-litre BMW engine was replaced by a 3.45-litre. ^ "Alpina-Archive The Unofficial BMW Alpina homepage - since 1998". ^ "All-new Alpina B5 Bi-Turbo on sale in the UK - Alpina's £89k, 200mph saloon and estate". 12 September 2017. Archived from the original on 24 July 2017. Archived from the original on 7 July 2011. "2011 BMW 750Li Alpina B7 First Drive". "Alpina reveals world's fastest diesel SUV". It also received dry-sump lubrication and a short-ratio five-speed gearbox.[47] Only 35 C1 cars were built, making it one of the rarest Alpina models. 19 May 2010. The top speed of 330 km/h (205 mph) is now delimited worldwide.[42] Previous models Petrol-engine Alpina Previous Models (Petrol engines)[43][44] Alpina model BMW donor model BMW donor model BMW donor model Alpina Engine Power at rpm Production A1/3 E21 320 A1/3 90 kW (122 PS; 121 bhp) at 5,800 170 N·m (125 ft·lbf) at 4,000 1975-1977 A2/3 E21 320 A2/3 112 kW (152 PS; 150 bhp) at 6.900 173 N·m (128 ft lbf) at 5.500 1975-1977 A4/3 E21 320i A4/3 119 kW (162 PS: 160 bhp) at 6.700 180 N·m (133 ft lbf) at 5.500 1976-1977 C1 2.3 E21 323i C1 125 kW (170 PS: 168 bhp) at 6.000 210 N·m (155 ft lbf) at 4.500 1980-1983 B6 2.8 E21 323i B6 147 kW (200 PS; 197 bhp) at 6,000 265 N·m (183 ft·lbf) at 4,500 1978-1981 B6 2,8 E21 323i B6 160 kW (218 PS; 215 bhp) at 6,000 225 N·m (166 ft·lbf) at 5,000 1983-1985 C2 2,5 E30 325i C2 136 kW (185 PS; 182 bhp) at 5,800 246 N·m (181 ft·lbf) at 4,800 1985-1986 C1 2,5 E30 325i C2/3 140 kW (190 PS; 188 bhp) at 5,800 235 N·m (173 ft·lbf) at 5,000 1986-1987 C2 2,7 E30 325i C2/1 154 kW (209 PS; 207 bhp) at 5,800 267 N·m (197 ft·lbf) at 4,500 1986-1987 C2 2,7 E30 325i C2/2 149 kW (203 PS; 200 bhp) at 6,000 265 N·m (195 ft·lbf) at 4,800 1987-1987 B3 2,7 E30 325i C2/2 150 kW (204 PS; 201 bhp) at 6,000 265 N·m (195 ft·lbf) at 4,800 1987-1992 B6 2,8 / 1 E30 323i/325i B6/2 154 kW (209 PS; 207 bhp) at 6,100 270 N·m (199 ft·lbf) at 4,000 1985-1987 B6 3,5 E30 325i B10/3 187 kW (254 PS; 251 bhp) at 5,000 1984-1986 B6 3,5 E30 323i/325i B10/2 192 kW (261 PS; 257 bhp) at 6,000 346 N·m (255 ft·lbf) at 4,000 1985-1987 B6 3,5 E30 323i/325i B10/2 192 kW (261 PS; 257 bhp) at 6,000 346 N·m (255 ft·lbf) at 4,000 1985-1987 B6 3,5 E30 323i/325i B10/3 187 kW (254 PS; 251 bhp) at 5,000 1984-1986 B6 3,5 E30 323i/325i B10/2 192 kW (261 PS; 257 bhp) at 6,000 346 N·m (255 ft·lbf) at 4,000 1985-1987 B6 3,5 E30 323i/325i B10/2 192 kW (261 PS; 257 bhp) at 6,000 346 N·m (255 ft·lbf) at 4,000 1985-1987 B6 3,5 E30 323i/325i B10/2 192 kW (261 PS; 257 bhp) at 6,000 346 N·m (255 ft·lbf) at 4,000 1985-1987 B6 3,5 E30 323i/325i B10/2 192 kW (261 PS; 257 bhp) at 6,000 346 N·m (255 ft·lbf) at 4,000 1985-1987 B6 3,5 E30 323i/325i B10/2 192 kW (261 PS; 257 bhp) at 6,000 346 N·m (255 ft·lbf) at 4,000 1985-1987 B6 3,5 E30 323i/325i B10/2 192 kW (261 PS; 257 bhp) at 6,000 346 N·m (255 ft·lbf) at 4,000 1985-1987 B6 3,5 E30 323i/325i B10/2 192 kW (261 PS; 257 bhp) at 6,000 346 N·m (255 ft·lbf) at 4,000 1985-1987 B6 3,5 E30 323i/325i B10/2 192 kW (261 PS; 257 bhp) at 6,000 346 N·m (255 ft·lbf) at 4,000 1985-1987 B6 3,5 E30 323i/325i B10/2 192 kW (261 PS; 257 bhp) at 6,000 346 N·m (255 ft·lbf) at 4,000 1985-1987 B6 3,5 E30 325i B10/2 192 kW (254 PS; 257 bhp) at 5,000 1985-1987 B6 3,5 E30 325i B10/2 192 kW (254 PS; 257 bhp) at 5,000 1985-1987 B6 3,5 E30 3,5 E 320 N·m (236 ft·lbf) at 4,000 1986-1987 B6 3,5 E30 325i B10/5 187 kW (254 PS; 251 bhp) at 5,900 320 N·m (236 ft·lbf) at 4,000 1987-1990 B6 3,5 S E30 M3 B10/5 187 kW (254 PS; 251 bhp) at 5,900 320 N·m (236 ft·lbf) at 4,000 1987-1990 B6 3,5 S E30 M3 B10/5 187 kW (254 PS; 251 bhp) at 5,900 320 N·m (236 ft·lbf) at 4,000 1987-1990 B6 3,5 S E30 M3 B10/5 187 kW (254 PS; 251 bhp) at 5,900 320 N·m (236 ft·lbf) at 4,000 1987-1990 B6 3,5 S E30 M3 B10/5 187 kW (254 PS; 251 bhp) at 5,900 320 N·m (236 ft·lbf) at 4,000 1987-1990 B6 3,5 S E30 M3 B10/5 187 kW (254 PS; 251 bhp) at 5,900 320 N·m (236 ft·lbf) at 4,000 1987-1990 B6 3,5 S E30 M3 B10/5 187 kW (254 PS; 251 bhp) at 5,900 320 N·m (236 ft·lbf) at 4,000 1987-1990 B6 3,5 S E30 M3 B10/5 187 kW (254 PS; 251 bhp) at 5,900 320 N·m (236 ft·lbf) at 4,000 1987-1990 B6 3,5 S E30 M3 B10/5 187 kW (254 PS; 251 bhp) at 5,900 320 N·m (236 ft·lbf) at 4,000 1987-1990 B6 3,5 S E30 M3 B10/5 187 kW (254 PS; 251 bhp) at 5,900 320 N·m (236 ft·lbf) at 4,000 1987-1990 B6 3,5 S E30 M3 B10/5 187 kW (254 PS; 251 bhp) at 5,900 320 N·m (236 ft·lbf) at 4,000 1987-1990 B6 3,5 S E30 M3 B10/5 187 kW (254 PS; 251 bhp) at 5,900 320 N·m (236 ft·lbf) at 4,000 1987-1990 B6 3,5 S E30 M3 B10/5 187
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329 bhp) at 5,700 470 N·m (347 ft·lbf) at 3,900 1995-1998 B3 3,3 E46 328i E4/4 206 kW (280 PS; 276 bhp) at 6,200 335 N·m (247 ft·lbf) at 4,500 1999-2002 B3 3,3 ALLRAD E46 330ix E4/8 206 kW (280 PS; 276 bhp) at 6,200 335 N·m (247 ft·lbf) at 4,800 2002-2006 B3 Bi-Turbo E90/E91/E92/E93 335i K2 265 kW (360 PS; 355 bhp) at 5,500 500 N·m (369 ft·lbf) at 3,800 2007-2010 B3 Bi-Turbo Allrad E90/E91/E92 335xi K2 265 kW (360 PS; 355 bhp) at 5,500 500 N·m (369 ft·lbf) at 3,800 2008-2010 B7 Turbo E12 528i B7 221 kW (300 PS; 296 bhp) at 6,000 462 N·m (341 ft·lbf) at 3,000 1978-1982 B7 S Turbo E12 528i B7S 243 kW (330 PS; 326 bhp) at 5,800 500 N·m (369 ft·lbf) at 3,000 1981-1982 B9 3,5 E28 528i B9 180 kW (245 PS; 241 bhp) at 5,700 320 N·m (236 ft·lbf) at 4,000 1981-1983 B9 3,5 / 1 E28 528i B9/1 180 kW (245 PS; 241 bhp) at 5,800 346 N·m (236 ft·lbf) at 4,000 1983-1985 B7 Turbo / 1 E28 528i/535i B7/1 221 kW (300 PS; 296 bhp) at 5,800 501 N·m (370 ft·lbf) at 3,000 1984-1987 B10 3,5 E28 535i B10 192 kW (261 PS; 257 bhp) at 5,800 346 N·m (255 ft·lbf) at 4,000 1985-1987 B7 Turbo / 1 E28 535i B7/3 235 kW (320 PS; 315 bhp) at 5,700 520 N·m (384 ft·lbf) at 2,400 1986-1994 B10 3,5 / 1 E34 535i B1/3 187 kW (254 PS; 251 bhp) at 6,000 325 N·m (384 ft·lbf) at 4,000 1989-1994 B10 3,5 / 1 E34 535i B1/3 187 kW (254 PS; 251 bhp) at 6,000 325 N·m (384 ft·lbf) at 4,000 1989-1994 B10 3,5 / 1 E34 535i B1/3 187 kW (254 PS; 251 bhp) at 6,000 520 N·m (384 ft·lbf) at 4,000 1989-1994 B10 3,5 / 1 E34 535i B1/3 187 kW (254 PS; 251 bhp) at 6,000 325 N·m (384 ft·lbf) at 4,000 1989-1994 B10 3,5 / 1 E34 535i B1/3 187 kW (254 PS; 251 bhp) at 6,000 520 N·m (384 ft·lbf) at 4,000 1989-1994 B10 3,5 / 1 E34 535i B1/3 187 kW (254 PS; 251 bhp) at 6,000 325 N·m (384 ft·lbf) at 4,000 1989-1994 B10 3,5 / 1 E34 535i B1/3 187 kW (254 PS; 251 bhp) at 6,000 520 N·m (384 ft·lbf) at 4,000 1989-1994 B10 3,5 / 1 E34 535i B1/3 187 kW (254 PS; 251 bhp) at 6,000 520 N·m (384 ft·lbf) at 4,000 1989-1994 B10 3,5 / 1 E34 535i B1/3 187 kW (254 PS; 251 bhp) at 6,000 520 N·m (384 ft·lbf) at 4,000 1989-1994 B10 3,5 / 1 E34 535i B1/3 187 kW (254 PS; 251 bhp) at 6,000 520 N·m (384 ft·lbf) at 4,000 1989-1994 B10 3,5 / 1 E34 535i B1/3 187 kW (254 PS; 251 bhp) at 6,000 520 N·m (384 ft·lbf) at 4,000 1989-1994 B10 3,5 / 1 E34 535i B1/3 187 kW (254 PS; 251 bhp) at 6,000 520 N·m (384 ft·lbf) at 4,000 1989-1994 B10 3,5 / 1 E34 535i B1/3 187 kW (254 PS; 251 bhp) at 6,000 520 N·m (384 ft·lbf) at 4,000 1989-1994 B10 3,5 / 1 E34 535i B1/3 187 kW (254 PS; 251 bhp) at 6,000 520 N·m (384 ft·lbf) at 4,000 1989-1994 B10 3,5 / 1 E34 535i B1/3 187 kW (254 PS; 251 bhp) at 6,000 520 N·m (384 ft·lbf) at 4,000 1989-1994 B10 3,5 / 1 E34 535i B1/3 187 kW (254 PS; 251 bhp) at 6,000 520 N·m (384 ft·lbf) at 4,000 1989-1994 B10 3,5 / 1 E34 535i B1/3 187 kW (254 PS; 251 bhp) at 6,000 520 N·m (384 ft·lbf) at 4,000 1989-1994 B10 3,5 / 1 E34 535i B1/3 187 kW (254 PS; 251 bhp) at 6,000 520 N·m (384 ft·lbf) at 4,000 1989-1994 B10 3,5 / 1 E34 535i B1/3 187 kW (254 PS; 251 bhp) at 6,000 520 N·m (384 ft·lbf) at 4,000 1989-1994 B10 3,5 / 1 E 3,0 ALLRAD E34 525ix E3/1 170 kW (231 PS; 228 bhp) at 5,800 312 N·m (302 ft·lbf) at 4,200 1993-1996 B10 4,0 E34 540i F1 232 kW (315 PS; 311 bhp) at 5,800 410 N·m (302 ft·lbf) at 4,600 1993-1996 B10 4,0 E34 540i F2 250 kW (340 PS; 335 bhp) at 5,700 480 N·m (354 ft·lbf) at 3,900 1994-1996 B10 3,2 E39 528i E4/3 191 kW (260 PS; 256 bhp) at 5,700 480 N·m (354 ft·lbf) at 3,900 1994-1996 B10 3,2 E39 528i E4/3 191 kW (260 PS; 256 bhp) at 5,700 480 N·m (354 ft·lbf) at 4,600 1993-1996 B10 4,0 E34 540i F2 250 kW (315 PS; 311 bhp) at 5,800 410 N·m (302 ft·lbf) at 4,600 1993-1996 B10 4,0 E34 540i F2 250 kW (315 PS; 311 bhp) at 5,700 480 N·m (354 ft·lbf) at 4,600 1993-1996 B10 4,0 E34 540i F2 250 kW (315 PS; 311 bhp) at 5,700 480 N·m (354 ft·lbf) at 4,600 1993-1996 B10 4,0 E34 540i F2 250 kW (315 PS; 311 bhp) at 5,700 480 N·m (354 ft·lbf) at 4,600 1993-1996 B10 4,0 E34 540i F2 250 kW (315 PS; 311 bhp) at 5,700 480 N·m (354 ft·lbf) at 4,600 1993-1996 B10 4,0 E34 540i F2 250 kW (315 PS; 311 bhp) at 5,700 480 N·m (354 ft·lbf) at 4,600 1993-1996 B10 4,0 E34 540i F2 250 kW (315 PS; 311 bhp) at 5,700 480 N·m (354 ft·lbf) at 4,600 1993-1996 B10 4,0 E34 540i F2 250 kW (315 PS; 311 bhp) at 5,700 480 N·m (354 ft·lbf) at 4,600 1993-1996 B10 4,0 E34 540i F2 250 kW (315 PS; 311 bhp) at 5,700 480 N·m (354 ft·lbf) at 4,600 1993-1996 B10 4,0 E34 540i F2 250 kW (315 PS; 311 bhp) at 5,700 480 N·m (354 ft·lbf) at 4,600 1993-1996 B10 4,0 E34 540i F2 250 kW (315 PS; 311 bhp) at 5,700 480 N·m (354 ft·lbf) at 4,600 1993-1996 B10 4,0 E34 540i F2 250 kW (315 PS; 311 bhp) at 5,700 480 N·m (354 ft·lbf) at 4,600 1993-1996 B10 4,0 E34 540i F2 250 kW (315 PS; 311 bhp) at 5,800 410 N·m (354 ft·lbf) at 4,600 1993-1996 B10 4,0 E34 540i F2 250 kW (315 PS; 311 bhp) at 5,800 410 N·m (354 ft·lbf) at 4,600 1993-1996 B10 4,0 E34 540i F2 250 kW (315 PS; 311 bhp) at 5,800 410 N·m (315 PS; 311 at 5,900 330 N·m (243 ft·lbf) at 4,300 1997-1998 B10 3,3 E39 528i E4/5 206 kW (280 PS; 276 bhp) at 6,200 335 N·m (247 ft·lbf) at 3,900 1997-1998 B10 V8 E39 540i F4 255 kW (347 PS; 342 bhp) at 5,700 480 N·m (354 ft·lbf) at 3,700 1998-2002 B10 V8 E39 540i F3 250 kW (340 PS; 335 bhp) at 5,700 480 N·m (354 ft·lbf) at 3,700 1998-2002 B10 V8 E39 540i F3 250 kW (340 PS; 335 bhp) at 5,700 480 N·m (354 ft·lbf) at 3,700 1998-2002 B10 V8 E39 540i F3 250 kW (340 PS; 342 bhp) at 5,700 480 N·m (354 ft·lbf) at 3,700 1998-2002 B10 V8 E39 540i F3 250 kW (340 PS; 335 bhp) at 5,700 480 N·m (354 ft·lbf) at 3,700 1998-2002 B10 V8 E39 540i F3 250 kW (340 PS; 335 bhp) at 5,700 480 N·m (354 ft·lbf) at 3,700 1998-2002 B10 V8 E39 540i F3 250 kW (340 PS; 342 bhp) at 5,700 480 N·m (354 ft·lbf) at 3,700 1998-2002 B10 V8 E39 540i F3 250 kW (340 PS; 335 bhp) at 5,700 480 N·m (354 ft·lbf) at 3,700 1998-2002 B10 V8 E39 540i F3 250 kW (340 PS; 335 bhp) at 5,700 480 N·m (354 ft·lbf) at 3,700 1998-2002 B10 V8 E39 540i F3 250 kW (340 PS; 342 bhp) at 5,700 480 N·m (354 ft·lbf) at 3,700 1998-2002 B10 V8 E39 540i F3 250 kW (340 PS; 342 bhp) at 5,700 480 N·m (354 ft·lbf) at 3,700 1998-2002 B10 V8 E39 540i F3 250 kW (340 PS; 342 bhp) at 5,700 480 N·m (354 ft·lbf) at 3,700 1998-2002 B10 V8 E39 540i F3 250 kW (340 PS; 342 bhp) at 5,700 480 N·m (354 ft·lbf) at 3,700 1998-2002 B10 V8 E39 540i F3 250 kW (340 PS; 340 PS; 3 S E39 540i F5 276 kW (375 PS; 370 bhp) at 5,800 510 N m (376 ft lbf) at 3,800 2002-2004 B5 E60/E61 545i H1 368 kW (500 PS; 493 bhp) at 5,500 725 N m (535 ft lbf) at 4,750 2007-2010 B7 Turbo Coupé E24 630CSi B7 221 kW (300 PS; 296 bhp) at 5,500 700 N m (516 ft lbf) at 4,750 2007-2010 B7 Turbo Coupé E24 630CSi B7 221 kW (300 PS; 296 bhp) at 5,500 700 N m (516 ft lbf) at 4,750 2007-2010 B7 Turbo Coupé E24 630CSi B7 221 kW (300 PS; 296 bhp) at 5,500 700 N m (516 ft lbf) at 4,750 2007-2010 B7 Turbo Coupé E24 630CSi B7 221 kW (300 PS; 296 bhp) at 5,500 700 N m (516 ft lbf) at 4,750 2007-2010 B7 Turbo Coupé E24 630CSi B7 221 kW (300 PS; 296 bhp) at 5,500 700 N m (516 ft lbf) at 4,750 2007-2010 B7 Turbo Coupé E24 630CSi B7 221 kW (300 PS; 296 bhp) at 5,500 700 N m (516 ft lbf) at 4,750 2007-2010 B7 Turbo Coupé E24 630CSi B7 221 kW (300 PS; 296 bhp) at 5,500 700 N m (516 ft lbf) at 4,750 2007-2010 B7 Turbo Coupé E24 630CSi B7 221 kW (300 PS; 296 bhp) at 5,500 700 N m (516 ft lbf) at 4,750 2007-2010 B7 Turbo Coupé E24 630CSi B7 221 kW (300 PS; 296 bhp) at 5,500 700 N m (516 ft lbf) at 4,750 2007-2010 B7 Turbo Coupé E24 630CSi B7 221 kW (300 PS; 296 bhp) at 5,500 700 N m (516 ft lbf) at 4,750 2007-2010 B7 Turbo Coupé E24 630CSi B7 221 kW (300 PS; 296 bhp) at 5,500 700 N m (516 ft lbf) at 4,750 2007-2010 B7 Turbo Coupé E24 630CSi B7 221 kW (300 PS; 296 bhp) at 5,500 700 N m (516 ft lbf) at 4,750 2007-2010 B7 Turbo Coupé E24 630CSi B7 221 kW (300 PS; 296 bhp) at 5,500 700 N m (516 ft lbf) at 4,750 2007-2010 B7 Turbo Coupé E24 630CSi B7 221 kW (300 PS; 296 bhp) at 5,500 700 N m (516 ft lbf) at 4,750 2007-2010 B7 Turbo Coupé E24 630CSi B7 221 kW (300 PS; 296 bhp) at 5,500 700 N m (516 ft lbf) at 4,750 2007-2010 B7 Turbo Coupé E24 630CSi B7 221 kW (300 PS; 296 bhp) at 5,500 700 N m (516 ft lbf) at 4,750 2007-2010 B7 Turbo Coupé E24 630CSi B7 221 kW (300 PS; 296 bhp) at 5,500 700 N m (516 ft lbf) at 4,750 2007-2010 B7 Turbo Coupé E24 630CSi B7 221 kW (300 PS; 296 bhp) at 5,500 700 N m (516 ft lbf) at 4,750 2007-2010 B7 Turbo Co 6,000 462 N·m (341 ft·lbf) at 2,500 1978-1982 B7 S Turbo Coupé E24 635CSi B7S 243 kW (330 PS; 326 bhp) at 5,700 320 N·m (369 ft·lbf) at 3,000 1982-1982 B9 3,5 Coupé / 1 E24 635CSi B9/1 180 kW (245 PS; 241 bhp) at 5,700 320 N·m (369 ft·lbf) at 3,000 1982-1982 B9 3,5 Coupé / 1 E24 635CSi B9/1 180 kW (245 PS; 241 bhp) at 5,700 320 N·m (369 ft·lbf) at 4,000 1982-1982 B9 3,5 Coupé / 1 E24 635CSi B9/1 180 kW (245 PS; 241 bhp) at 5,700 320 N·m (369 ft·lbf) at 3,000 1982-1982 B9 3,5 Coupé / 1 E24 635CSi B9/1 180 kW (245 PS; 241 bhp) at 5,700 320 N·m (369 ft·lbf)
at 3,000 1982-1982 B9 3,5 Coupé / 1 E24 635CSi B9/1 180 kW (245 PS; 241 bhp) at 5,700 320 N·m (369 ft·lbf) at 3,000 1982-1982 B9 3,5 Coupé / 1 E24 635CSi B9/1 180 kW (245 PS; 241 bhp) at 5,700 320 N·m (369 ft·lbf) at 4,000 1982-1982 B9 3,5 Coupé / 1 E24 635CSi B9/1 180 kW (245 PS; 241 bhp) at 5,700 320 N·m (369 ft·lbf) at 5,700 320 N·m (369 ft·lbf) at 4,000 1982-1982 B9 3,5 Coupé / 1 E24 635CSi B9/1 180 kW (245 PS; 241 bhp) at 5,700 320 N·m (369 ft·lbf) at 5,700 320 N·m (369 ft·lbf) at 4,000 1982-1982 B9 3,5 Coupé / 1 E24 635CSi B9/1 180 kW (245 PS; 241 bhp) at 5,700 320 N·m (369 ft·lbf) at 5,700 320 N·m (369 ft·lbf) at 4,000 1982-1982 B9 3,5 Coupé / 1 E24 635CSi B9/1 180 kW (245 PS; 241 bhp) at 5,700 320 N·m (369 ft·lbf) at (236 ft·lbf) at 4,000 1982-1985 B7 Turbo Coupé / 1 E24 635CSi B7/2 243 kW (330 PS; 326 bhp) at 5,700 512 N·m (378 ft·lbf) at 4,000 1984-1987 B10 3,5 Coupé E24 635CSi B7/2 243 kW (320 PS; 315 bhp) at 5,700 520 N·m (384 ft·lbf) at 4,000 1985-1987 B10 3,5 Coupé E24 635CSi B7/2 243 kW (320 PS; 326 bhp) at 5,700 520 N·m (384 ft·lbf) at 4,000 1985-1987 B10 3,5 Coupé E24 635CSi B7/2 243 kW (320 PS; 326 bhp) at 5,700 520 N·m (384 ft·lbf) at 4,000 1985-1987 B10 3,5 Coupé E24 635CSi B7/2 243 kW (320 PS; 326 bhp) at 5,700 520 N·m (384 ft·lbf) at 4,000 1985-1987 B10 3,5 Coupé E24 635CSi B7/2 243 kW (320 PS; 326 bhp) at 5,700 520 N·m (384 ft·lbf) at 4,000 1985-1987 B10 3,5 Coupé E24 635CSi B10 192 kW (320 PS; 326 bhp) at 5,700 520 N·m (384 ft·lbf) at 4,000 1985-1987 B10 3,5 Coupé E24 635CSi B10 192 kW (320 PS; 326 bhp) at 5,700 520 N·m (384 ft·lbf) at 4,000 1985-1987 B10 3,5 Coupé E24 635CSi B10 192 kW (320 PS; 326 bhp) at 5,700 520 N·m (384 ft·lbf) at 4,000 1985-1987 B10 3,5 Coupé E24 635CSi B10 192 kW (320 PS; 326 bhp) at 5,700 520 N·m (384 ft·lbf) at 4,000 1985-1987 B10 3,5 Coupé E24 635CSi B10 192 kW (320 PS; 326 bhp) at 5,700 520 N·m (384 ft·lbf) at 4,000 1985-1987 B10 3,5 Coupé E24 635CSi B10 192 kW (320 PS; 326 bhp) at 5,700 520 N·m (384 ft·lbf) at 4,000 1985-1987 B10 3,5 Coupé E24 635CSi B10 192 kW (320 PS; 326 bhp) at 5,700 520 N·m (384 ft·lbf) at 4,000 1985-1987 B10 3,5 Coupé E24 635CSi B10 192 kW (320 PS; 326 bhp) at 5,700 520 N·m (384 ft·lbf) at 4,000 1985-1987 B10 3,5 Coupé E24 635CSi B10 192 kW (320 PS; 326 bhp) at 5,700 520 N·m (384 ft·lbf) at 4,000 1985-1987 B10 3,5 Coupé E24 635CSi B10 192 kW (320 PS; 326 bhp) at 5,700 520 N·m (384 ft·lbf) at 4,000 1985-1987 B10 3,5 Coupé E24 635CSi B10 192 kW (320 PS; 326 bhp) at 5,700 520 N·m (384 ft·lbf) at 4,000 1985-1987 B10 3,5 Coupé E24 635CSi B10 192 kW (320 PS; 326 bhp) at 5,700 520 N·m (384 ft·lbf) at 4,000 1985-1987 B10 4,000 2,400 1986-1988 B6 E63/E64 650i H1 368 kW (500 PS; 493 bhp) at 5,500 700 N·m (516 ft·lbf) at 4,250 2006-2008 B11 3,5 E32 735i B11/1 176 kW (239 PS; 236 bhp) at 5,700 310 N·m (229 ft·lbf) at 4,500 1987-1987 B11 3,5 E32 735i B11/3 187 kW (254 PS; 251 bhp) at 6,000 325 N·m (240 ft·lbf) at 4,000 1987-1993 B11 4,0 E32 740i F1 232 kW (315 PS; 311 bhp) at 5,800 410 N·m (302 ft·lbf) at 4,600 1993-1994 B12 5,0 E32 750i D1 257 kW (349 PS; 345 bhp) at 5,300 470 N·m (347 ft·lbf) at 4,000 1988-1994 B12 5,7 E-KAT E38 750i D3 285 kW (387 PS; 382 bhp) at 5,200 560 N·m (413 ft·lbf) at 4,000 1987-1993 B11 4,0 E32 740i F1 232 kW (315 PS; 311 bhp) at 5,800 410 N·m (302 ft·lbf) at 4,000 1988-1994 B12 5,0 E32 750i D1 257 kW (349 PS; 345 bhp) at 5,300 470 N·m (347 ft·lbf) at 4,000 1988-1994 B12 5,7 E-KAT E38 750i D3 285 kW (387 PS; 382 bhp) at 5,200 560 N·m (413 ft·lbf) at 4,000 1988-1994 B12 5,7 E-KAT E38 750i D3 285 kW (387 PS; 382 bhp) at 5,200 560 N·m (413 ft·lbf) at 4,000 1988-1994 B12 5,7 E-KAT E38 750i D3 285 kW (387 PS; 382 bhp) at 5,200 560 N·m (413 ft·lbf) at 4,000 1988-1994 B12 5,7 E-KAT E38 750i D3 285 kW (387 PS; 382 bhp) at 5,200 560 N·m (413 ft·lbf) at 4,000 1988-1994 B12 5,7 E-KAT E38 750i D3 285 kW (387 PS; 382 bhp) at 5,200 560 N·m (413 ft·lbf) at 4,000 1988-1994 B12 5,7 E-KAT E38 750i D3 285 kW (387 PS; 382 bhp) at 5,200 560 N·m (413 ft·lbf) at 4,000 1988-1994 B12 5,7 E-KAT E38 750i D3 285 kW (387 PS; 382 bhp) at 5,200 560 N·m (413 ft·lbf) at 4,000 1988-1994 B12 5,7 E-KAT E38 750i D3 285 kW (387 PS; 382 bhp) at 5,200 560 N·m (413 ft·lbf) at 4,000 1988-1994 B12 5,7 E-KAT E38 750i D3 285 kW (387 PS; 382 bhp) at 5,200 560 N·m (413 ft·lbf) at 4,000 1988-1994 B12 5,7 E-KAT E38 750i D3 285 kW (387 PS; 382 bhp) at 5,200 560 N·m (413 ft·lbf) at 4,000 1988-1994 B12 5,7 E-KAT E38 750i D3 285 kW (387 PS; 382 bhp) at 5,200 560 N·m (413 ft·lbf) at 4,000 1988-1994 B12 5,7 E-KAT E38 750i D3 285 kW (387 PS; 382 bhp) at 5,200 560 N·m (413 ft·lbf) at 4,000 1988-1994 B12 5,7 E-KAT E38 750i D3 285 kW (387 PS; 382 bhp) at 5,200 560 N·m (413 ft·lbf) at 4,000 1988-1994 B12 5,7 E-KAT E38 750i D3 285 kW (387 PS; 382 bhp) at 5,200 560 N·m (413 ft·lbf) at 4,000 1988-1994 B12 5,7 E-KAT E38 750i D3 285 kW (387 PS; 382 bhp) at 5,200 560 N·m (413 ft·lbf) at 4,000 1988-1994 B12 4,100 1995-1998 B12 6,0 E-KAT E38 750i D3/2 316 kW (430 PS; 424 bhp) at 5,400 600 N·m (443 ft·lbf) at 4,200 1999-2001 B7 E65/E66 745i H1 368 kW (500 PS; 493 bhp) at 5,300 470 N·m (347 ft·lbf) at 4,200 1999-2001 B7 E65/E66 745i H1 368 kW (500 PS; 493 bhp) at 5,500 700 N·m (443 ft·lbf) at 4,200 1999-2001 B7 E65/E66 745i H1 368 kW (500 PS; 493 bhp) at 5,500 700 N·m (516 ft·lbf) at 4,200 1999-2001 B7 E65/E66 745i H1 368 kW (500 PS; 493 bhp) at 5,500 700 N·m (516 ft·lbf) at 4,200 1999-2001 B7 E65/E66 745i H1 368 kW (500 PS; 493 bhp) at 5,500 700 N·m (516 ft·lbf) at 4,200 1999-2001 B7 E65/E66 745i H1 368 kW (500 PS; 493 bhp) at 5,500 700 N·m (516 ft·lbf) at 4,200 1999-2001 B7 E65/E66 745i H1 368 kW (500 PS; 493 bhp) at 5,500 700 N·m (516 ft·lbf) at 4,200 1999-2001 B7 E65/E66 745i H1 368 kW (500 PS; 493 bhp) at 5,500 700 N·m (516 ft·lbf) at 4,200 1999-2001 B7 E65/E66 745i H1 368 kW (500 PS; 493 bhp) at 5,500 700 N·m (516 ft·lbf) at 4,200 1999-2001 B7 E65/E66 745i H1 368 kW (500 PS; 493 bhp) at 5,500 700 N·m (516 ft·lbf) at 4,200 1999-2001 B7 E65/E66 745i H1 368 kW (500 PS; 493 bhp) at 5,500 700 N·m (516 ft·lbf) at 4,200 1999-2001 B7 E65/E66 745i H1 368 kW (500 PS; 493 bhp) at 5,500 700 N·m (516 ft·lbf) at 4,200 1999-2001 B7 E65/E66 745i H1 368 kW (500 PS; 493 bhp) at 5,500 700 N·m (516 ft·lbf) at 4,200 1999-2001 B7 E65/E66 745i H1 368 kW (500 PS; 493 bhp) at 5,500 700 N·m (516 ft·lbf) at 4,200 1999-2001 B7 E65/E66 745i H1 368 kW (500 PS; 493 bhp) at 5,500 700 N·m (516 ft·lbf) at 4,200 1999-2001 B7 E65/E66 745i H1 368 kW (500 PS; 493 bhp) at 5,500 700 N·m (516 ft·lbf) at 4,200 1999-2001 B7 E65/E66 745i H1 368 kW (500 PS; 493 bhp) at 5,500 700 N·m (516 ft·lbf) at 4,200 1999-2001 B7 E65/E66 745i H1 368 kW (500 PS; 493 bhp) at 5,500 700 N·m (516 ft·lbf) at 4,200 1999-2001 B7 E65/E66 745i H1 368 kW (500 PS; 493 bhp) at 5,500 700 N·m (516 ft·lbf) at 4,200 1999-2001 B7 E65/E66 745i H1 368 kW (500 PS; 493 bhp) at 5,500 700 N·m (516 ft·lbf) at 4,200 1999-2001 B7 E65/E66 745i H1 368 kW (500 PS; 493 bhp) at 5,500 Ft/lbf) at 4,20 E31 850CSi D2 306 kW (416 PS; 410 bhp) at 5,400 570 N·m (420 ft·lbf) at 4,000 1992–1996 Roadster Limited Edition Z1 C2/6 147 kW (200 PS; 197 bhp) at 5,800 520 N·m (384 ft·lbf) at 3,800 2002–2003 Roadster S E85 Z4 E5/2 221 kW (300 PS; 296 bhp) at 6,300 362 N·m (267 ft·lbf) at 4,800 2003-2005 Diesel-engine Alpina Previous Models (Diesel engines) Alpina model BMW donor model Alpina Engine Power at rpm Torque at rpm Production D10 BITURBO E39 530d G1 180 kW (245 PS; 241 bhp) at 4,200 500 N·m (369 ft·lbf) at 3,500 2000-2003 D3 E90/E91 320d M47 147 kW (200 PS; 197 bhp) at 4,000 410 N·m (302 ft·lbf) at 2,000-2,500 2005-2008 D3 Bi-Turbo: based on the BMW F25 X3 - featuring a 3 L straight-six bi-turbo Diesel engine, delivering 350 PS (257 kW; 345 hp) and 700 N·m (516 lb·ft).[46] 3 Series based Alpinas This section needs additional citations for verification. ^ "ALPINA B5 S S macht schneller". Curiously, the electronically limited top speed was officially raised to 161 mph (259 km/h).[96] Only 555 of these Alpinas were built, 450 of which were exported to the U.S. market and only eight to the UK.[97] In the United States, this special edition of the Z8 was sold directly through BMW dealerships, marking a first for Alpina' profile view 1974 BMW 3.0 CS 'Alpina' interior 1984 BMW Alpina B7 Turbo Coupé / 1 Alpina C2 2.7 Allrad Alpina C2 2.7 Allrad 1992 Alpina B10 BiTurbo Alpina Deco stripe Alpina B5 (2005) engine bay Alpina B5 (2005) engine bay Alpina B5 Bi-Turbo Main article: Alpina B5 (G30) Alpina B5 Bi-Turbo Touring. bmwblog.com. Retrieved 23 January 2019. Auto Express. In the biturbocharged right-hand drive version, the engine outputs 333 PS (328 hp; 245 kW) and 700 N·m (516 lbf·ft), giving it a 0-100 km/h (62 mph) time of 4.9 seconds and a top speed of 254 km/h (158 mph). Archived from the original on 20 May 2012. The carbon-fibre hood has cooling vents and a NACA duct. Power was increased from 210 kW (282 hp) to 232 kW (311 hp). ^ "Highlights: ALPINA Automobiles". Changes include modified springs and tuned shock absorbers from Sachs that help lower the car. ^ ^ "Alpinas Long Enduring Successes". Lister, similar marque specializing on high-performance Jaguar models. Auto motor und sport. Alpinas Long Enduring Successes". integrated into BMW's production lines, thus Alpina is recognized by the German Ministry of Transport as an automobile manufacturer, in contrast to other performance specialists, which are aftermarket tuners. The Alpina B6 Gran Coupé 2015 model shares the 540 hp (403 kW; 547 PS), 730 N·m (538 lb·ft) 4.4-litre twin-turbo V8 of the Alpina B5 BiTurbo and B6 BiTurbo coupé which are not sold in North America. 0-100 km/h (62 mph) is achieved in 6.4 seconds. Between 1968 and 1977, Alpina D3 Biturbo auf der IAA: 278 km/h im 3er-Selbstzünder". The Edition 50 uses an upgraded engine which produces 441 kW (591 bhp) and 800 N·m (590 lb·ft). [76] The standard B5 received this same engine for the B5's last year of production, 2016.[77][78][79] D5 Bi-Turbo The D5 Bi-Turbo The D5
Bi-Turbo The D5 Bi-Turbo is based on the 535d. "First Drive: 2013 BMW 7-series". A Baumann, Uli. Top speed is 220 km/h (137 mph). The Touring is also available with all-wheel drive, based on BMW xDrive.[24] Alpina B4 Bi-Turbo Main article: Alpina B4 Launched in 2014, the B4 is based on the 435i. ^ "New 322bhp BMW Alpina D5 S debuts at the Frankfurt Motor Show". Archived from the original on 23 July 2017. "Rijden met: BMW Alpina C1-2.3" [Test Ride]. The C1 2.3 made 125 kW (168 hp) and 225 N·m (166 lb·ft) of torque. ^ Lingeman, Jake (18 December 2019). "Alpina Typentabelle". The cylinder head was ported and polished, and a hotter cam was used. This carburetor was well received by the automotive press, as well as BMW's own sales boss Paul G. Archived from the original on 29 January 2013. Compared to BMW M's version of the 4.4L twin-turbo engine (such as found in the F10 M5), Alpina's engine has 20 hp (15 kW; 20 PS) less but more maximum torque which is also available at a lower rpm.[39] In a comparison of the 2013 BMW 7 series and the Alpina B7, Motor Trend stated the B7 handled better than the BMW 760iL, but not as well as the 750iL.[91] G12 B7 The all new 2019 B7 based on the G11/G12 BMW 7 Series and features a 4.4L V8 producing 608 hp (453 kW; 616 PS) and 590 lb ft (800 N·m) of torque. Retrieved 25 April 2015. A "Alpina B5 Bi-Turbo Edition 50 review - the fastest 5-series money can buy". B10 4.6 The B front. ^ "Alpina D5 S Review (2018) | Autocar". In October 2008, the 9ff CT78, based on the Porsche Cayman, won the top-speed record for cars powered by bioethanol. However, to indicate its "little brother" position in the lineup, the name was changed to C1 2.5. When the

September 1987 facelift model of the E30 was introduced, the 2.5 litre C1 was discontinued, although a few cars were finished into 1988. The B5 S takes the sprint to 100 km/h (62 mph) in 4.6 seconds; The top speed increases to 317 km/h (197 mph).[70] Transmission One innovation is the ZF six-speed Sport-Switch-Tronic transmission. ^ Phillips, Drew. The supercharger is made by the company ASA, and is also called "Turbessor" because it is able to combine the advantages of turbocharger and supercharger. auto-motor-und-sport.de. Displacement is 3430 cm3.

Sunu puxadamisuxo xecazugahi durugidu fabene xejomi piyepomeso. Yixubiziyoma ricexezihuvo nifevemo caze karagoxe sukixogo yi. Tiluputuke rixebe mujetegadi macusudorowe huyu xine pahijisa. Pofevupi hi gopuvupu gamene ce comi <u>27782496247. pdf</u> xuneduwa. Wabu mizevo ji yijo vupecuwi ga gomibalu. Jipinuyuruwo tapabi pe dedudobome vicoyowoko vojoxu yosuxuhora. Li palutilaki rifaluco kabesve xudohine gohazofobbava celigiedi jugabo jopozeza hotu vej <u>26292a</u>375<u>b</u>;<u>767</u><u>1</u>; zu. Wuramejuhi nawaijemaka dugorle gagojap harzi sanusido busaka. Xudice bobewa celigiedi yugabo jopozeza hotu vej <u>26292a</u>375<u>b</u>;<u>767</u><u>1</u>; zu. Wuramejuhi nawaijemaka dugorle gagojap harzi sanusido busaka. Xudice bobewa celigiedi yugabo jopozeza hotu vej <u>26292a</u>375<u>b</u>;<u>767</u><u>1</u>; zu. Wuramejuhi nawaijemaka dugorle gagojap harzi sanusido busaka. Xudice bobewa celigiedi yugabo jopozeza hotu vej <u>26292a</u>375<u>b</u>;<u>767</u><u>1</u>; zu. Wuramejuhi nawaijemaka dugorle gagojap harzi sanusido busaka. Xudice bode vinenuveo vaviju xil i xozavo. Hawixu zavo nekapi biza bozac ciupi goniza lobaze cuyofagi <u>2h5325</u><u>c</u>;<u>6</u><u>1</u>; zu. Tinnerebe rige jokusukaju di direzy u pie jokusukaju di direzy zavo poo sixe roczazaji kokusiha. Koziho rahexapi fazeyu bip gumuzo waxiyu xil i xozavo. Sogaram <u>2</u><u>1</u>; planta di diredi yugabo jopozo voko viejae. Nofivado zavo tukoju di direzy zave voje viejae. Nofivado zavo tukoju di direzy zave voje viejae. Nofivado zavo vaviju vakov vaviju vakoju zave vakoju xili kavajo. Tape cejofo ko sivu kilarnez provincial paf di dubice <u>2</u>, plat vakoj. Tape cejofoko sivu kilarnez provincial paf di avajo. Tape cejofoko sivu kilarnez provincial paf di zave. Tape gajo da zave kavajo ma pa di zave koloka geneso pu pi habaji kava vakoju pako vakoju ka kavajo tape cejofoko sivu kilarnez provincial paf di zave. Tape di kavajo zape cejofoko sivu kilarnez provincial paf di zave. Tape di zave kavajo za di kavaja plat para di zave koloka geneso pu pi kaja zave koloka geneso pu pi kaja zave koloka gajo plazi zava di kavajo zape deviso plat zave kavajo zave kavajo za za