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Hybrid Power: BRABUS PowerXtra for the Mercedes GLE 350de Hybrid and many other GLE-Class engines

BRABUS aerodynamic enhancement, hi-tech wheels up to 23 inches and exclusive interior refinement for the new GLE models

BRABUS has been active in the development of high-performance cars with alternative powertrains for more than a decade.

The BRABUS PowerXtra ELECTRIC D35E performance upgrade for the new Mercedes GLE 350 de 4MATIC with hybrid powertrain ups the performance of both the diesel and the electric motor. As the result of these measures, the system output jumps to 260 kW / 354 hp (349 bhp) while system torque increases to 820 Nm (605 lb-ft). The hybrid SUV consequently delivers even greater dynamics and effortlessness on the road. The sprint time from zero – 100 km/h is cut to a mere 6.5 seconds, the top speed increases to 215 km/h (134 mph).

BRABUS performance upgrades are of course also available for GLE-Class models powered conventionally by a gasoline or diesel engine.

The broad BRABUS Exclusive range for the new SUV model series comprises design components with sportingly elegant styling, tailor-made wheels with diameters of up to 23 inches, a ride-height lowering module for the air suspension, and exclusive interior design.

Of course, BRABUS (Brabus-Allee, D-46240 Bottrop, phone + 49 / (0) 2041 / 777-0, fax + 49 / (0) 2041 / 777 111, Internet www.brabus.com) backs all components with the three-year or 100,000-kilometer / 62,000-mile BRABUS Tuning Warranty®, which is exemplary for the entire industry (see BRABUS Tuning Warranty Terms and Conditions, updated July 2013).



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BRABUS PowerXtra ELECTRIC D35E for the Mercedes GLE 350 de 4MATIC

The GLE 350 de 4MATIC is equipped with a plug-in hybrid powertrain comprising a two-liter four-cylinder turbodiesel and an electric motor.

To make the powertrain even more dynamic, the power unit engineers and electronics specialists of the Bottrop-based company developed the BRABUS PowerXtra ELECTRIC D35E performance upgrade, which is also available in a tailor-made variant for the Mercedes C 300 de.

The BRABUS module for the turbodiesel engine increases the power output of the compression-ignition engine by 22 kW / 31 hp (30 bhp) and bumps torque by 50 Nm (37 lb-ft). The auxiliary control unit for the electric motor delivers 10 kW / 14 hp (13 bhp) of added power. This results in a system output increased by 25 kW / 34 hp (33 bhp) to 260 kW / 354 hp (349 bhp). Even more impressive is the increase in system torque from stock 700 to 820 Nm (516 to 605 lb-ft) resulting from 80 Nm (59 lb-ft) added to the torque of the electric motor and an extra 50 Nm (37 lb-ft) produced by the diesel engine.

With it, the hybrid SUV gains in all areas – be it in all-electric driving or in combined operation with the turbodiesel. This delivers not only a more agile driving experience on the road, but also further optimized in-gear acceleration, which is also welcome in off-road operations. This is evident in the road performance figures as well: From rest, the all-wheel-drive car now takes just 6.5 seconds to accelerate to a speed of 100 km/h (62 mph). The top speed of the GLE 350 de increases to 215 km/h (134 mph).

BRABUS performance upgrades will also be available for other hybrid models from Mercedes-Benz in future.

Of course, the BRABUS powertrain engineers correspondingly developed equally powerful and durable performance upgrades for the various conventional engines of the V 167 series, gasoline and turbodiesel. Some of the performance kits also come in versions for the new GLS-Class of the X 167 series. It goes without saying, always independently certified by TÜV and backed by warranty! BRABUS recommends Motul high-performance lubricants.



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The BRABUS PowerXtra kits are available for the turbodiesel models GLE 300 d, 350 d and GLE 400 d. All three tuning levels consist of a plug-and-play control module that is integrated into the CAN bus of the SUV. This can be done by any authorized Mercedes-Benz workshop or by any BRABUS partner around the world and takes less than an hour.

BRABUS PowerXtra D30 for the Mercedes GLE 300 d 4MATIC

The BRABUS PowerXtra D30 performance upgrade bumps the peak torque of the GLE 300 d 4MATIC from stock 500 Nm to 560 Nm (457 to 509 lb-ft), on tap at 2,500 rpm. At the same time, the peak output jumps from 180 kW / 245 hp to 202 kW / 275 hp (241 to 271 bhp). With BRABUS D30 performance kit, the tuned SUV sprints from zero – 100 km/h (62 mph) in just 6.9 seconds.

BRABUS PowerXtra D35 for the Mercedes GLE 350 d 4MATIC

The BRABUS PowerXtra D35 kit is a powerful performance upgrade for the Mercedes GLE 350 d 4MATIC. The power increase by 35 kW / 48 hp (47 bhp) is just as impressive as the boost in torque by 60 Nm (44 lb-ft). With 235 kW / 320 hp (315 bhp) at 3,600 rpm and a peak torque of 660 Nm (487 lb-ft) at a low 2,500 rpm, the all-wheel-drive car sprints to 100 km/h (62 mph) in just 6.3 seconds.

BRABUS PowerXtra D40 for the Mercedes GLE 400 d 4MATIC

The GLE 400 d 4MATIC likewise is even sportier when a BRABUS PowerXtra D40 module has been installed. In that case, the engine output jumps to a whopping 272 kW / 370 hp (365 bhp) at 4,200 rpm. The peak torque of 750 Nm (553 lb-ft) is already on tap at a low 2,500 rpm. This is reflected not least in the even more effortless power delivery in all driving situations. What is more: With a sprint time of just 5.5 seconds from rest to 100 km/h (62 mph) and top speed of 250 km/h (155 mph), the BRABUS-refined SUV is one of the liveliest representatives of its kind.



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BRABUS PowerXtra B53 - 500 for the Mercedes-AMG GLE 53 4MATIC+

BRABUS engine tuning delivering an extra 48 kW / 65 hp (64 bhp) is also available for the six-cylinder twin-turbo gasoline engine of the Mercedes GLE 53 AMG 4MATIC+. The plug-and-play BRABUS B53 - 500 PowerXtra module is integrated into the engine electronics and provides new mapping for injection and ignition while it also moderately increases the boost pressure. As a result, peak power jumps from stock 320 kW / 435 hp to 368 kW / 500 hp (429 to 494 bhp). At the same time, peak torque jumps from 520 Nm to 590 Nm (384 to 435 lb-ft), on tap at 4,200 rpm.

From rest, the SUV then takes just 4.3 seconds to accelerate from 0 to 100 km/h (62 mph). The top speed remains electronically limited to 250 km/h (155 mph).

Performance upgrades for the Mercedes GLE 63 AMG 4MATIC+ are in the development phase.

In order to give the new Mercedes GLE-Class an even more custom and exclusive appearance, the BRABUS designers developed new aerodynamic-enhancement components that upgrade the front and rear end of the SUV variant. The entire BRABUS appearance package is manufactured from PUR in OEM quality.

BRABUS caps for the side air intakes give the AMG Line front fascia an even more distinctive profile. However, the new components have not only a visual function, they also feature integrated courtesy lights that are activated when the driver approaches the vehicle or when a door handle is pulled.

The BRABUS rear spoiler, which mounts to the hatch, gives the rear end of the SUV version of the GLE-Class an even more distinctive appearance. In addition, there are special rear fascia inserts featuring four black chromed BRABUS tailpipe tips with a diameter of 90 millimeters (3.5 in) for vehicles ordered ex-factory with AMG Line.

The exclusive BRABUS look also is distinguished by tailor-made BRABUS Monoblock wheels in various sizes with diameters of up to 23 inches. The largest variant, the king-sized



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11Jx23 BRABUS Monoblock F "PLATINUM EDITION" hi-tech forged wheels, are mounted with Continental SportContact high-performance tires of size 295/35 ZR 23.

The BRABUS suspension module for the AIRMATIC air suspension, which lowers the ride height of the SUV by about 25 millimeters (1 inch), is specifically calibrated to the use with sporty street tires.

Another specialty of BRABUS for the new Mercedes GLE-Class is the design of exclusive options for the interior. The refinement repertoire includes two-tone stainless scuff plates with backlit BRABUS logo, matte anodized aluminum pedals, door-lock pins and footrest, and exclusive BRABUS fine leather interior appointments crafted with meticulous workmanship from the finest leather and Alcantara. BRABUS also offers exclusive wood and genuine carbon trim sets in a host of variants.

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