

BMW 530d Sedan

Reinhard E. Wagner examined the BMW 530d

He is a freelance technology writer based in Cologne/Germany, © July 2007



What do car enthusiasts need? Something that gives comfort, sportiness and reliability: **BMW 530d** – a limousine with a diesel engine packed with 235hp (torque: 500Nm/4,000rpm) to feel safe and secure even in an unexpected situation. I.e., that is comfortably more than a Mercedes S500 limousine can deliver. The evaluation car had such features as navigation, heated steering wheel, seat heating in conjunction with active seat ventilation and Dakota leather upholstery, Active Cruise Control, a system that automatically controls distances to the car in front, Head-up Display, that projects information onto the windscreen, and other valuable items. These are extras, but something you will never might do without. The BMW 530d is not (yet) available on the American market - but it is one of the finest diesel-powered cars on the road. All expectations e.g. fuel efficiency together with a wide mileage range, seating comfort, providing a perfect balance between performance, economy and practicality. The environmental compatibility showed that 530d has an exceptionally low CO² emission: 176 g/km (automatic gearbox). The car's fuel efficiency (combined mpg: 44.1 (42.8) or 6.4 (6.6) ltr/100km) – represents BMW's latest ecological enhancements added to its product range. Driving the car over a distance of almost 2.500 miles, the average consumption was 7.4ltr/100km, which equals 31.8mpg. During that long drive at high speed and conveniently navigated and controlled by its active cruise control with "Stop and Go" function, active steering support and convenient head-up display, you will never get bored and tired - arriving at your destination relaxed and ready for any business or leisure.

The straight-six engine (stroke/bore 90.0/84.0mm) accelerates from 0-62 mph in 6.8sec and its acceleration range from 50-75mph in fourth gear is 5.1sec. When driving at maximum speed (158mph) the automobile newer shows any weak behaviour. The 530d rewrote the rulebook on oil-bur-

getting started

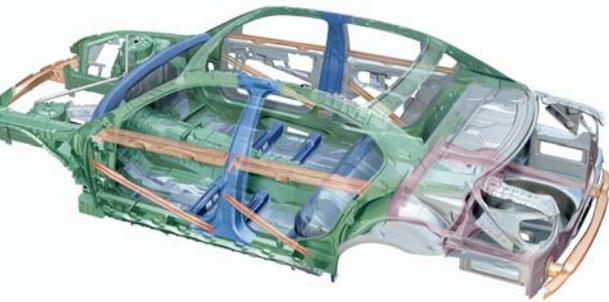


adjustments



how to





accessories

ners. Besides motor specs and safety issues, e.g., the car offers a tight grip to the road surface even at very high speed. The huge reserves of lazy torque and unnatural refinement made it a more pleasant car to drive. Its huge 18.5gal (70ltr) gas tank provides an unexpected driving range. The new 5 Series is easily comparable with the 7 Series offering almost the same comfort and space as that car does - even at a more competitive price. Space enhancement is coupled with weight saving of up to 65kg by adding lightweight aluminium to much of the chassis/ bodywork and suspension components.



Safety is a buzzword and its starts with the iDrive control system, easy to use and comfortable in reach of your hands. Although electronic systems blend with old manual one, the car comes with a manual hand brake. Rather than replacing manual systems, BMW has developed a system that maintains a link between the front wheels and the steering wheel. It adjusts the power assistance dependent upon speed and yaw rate. This provides smooth riding in curves. This system is networked to the Dynamic Stability Control system, which reduces necessary interventions of DSC. Even driving at night or heavy rain, the distance radar always keeps secure space to the car in front.



conclusion

Being a fond passenger gives you more space, than you might expect. This car is roomy and comfortable, the ideal choice for executives or families. Performance wise the 3.0-litre engine is sparkling and you can cruise around, enjoying the fortune of running at very low expenses. The basic price of the BMW 530d is around 45,000 Euros but can exceed easily 70,000 Euros when adding convenience and comfort paired with safety and support.