

BMW 5 series e60 Security

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The new BMW 5 Series Security.

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Armoured Vehicle Solutions. World premiere at the Frankfurt Motor Show

The BMW 5 Series has proved to be a class-leading saloon and things have been taken to higher level with the introduction of a very special variant, the BMW 5 Series Security (ballistic protection level B4).

The BMW 5 Series Security successfully rounded off BMW s existing range of Security vehicles consisting of the BMW 760Li / 745Li High Security and the BMW X5 Security. Both BMW 7 Series models are High Security vehicles complying with the requirements of the ballistic protection level B6//B7. The BMW X5 Security and the new BMW 5 Series Security meet the requirements of the ballistic protection level B4.

With the BMW X5 Security, BMW successfully brought to market the first armoured SAV that has attracted many customers owing to its superior on- and off-road capabilities. With the launch of the 5 Series Security, BMW is now offering an armoured saloon in the premium segment of the upper midrange. Boasting sporting performance and motoring comfort combined with exclusive equipment options and state-of-the-art security technology, this Security vehicle caters for the needs of the most discerning customers worldwide.

Two engine variants available.

In building Security and High Security vehicles, BMW s engineers give particular significance not only to ballistic security, but also to the vehicles dynamic qualities and performance, which must be more or less of the same standard as with the production models.

This is why the BMW 5 Series will be available with a choice of two engine variants: an eight-cylinder engine developing a maximum output of 270 kW/367 bhp (BMW 550i) and a six-cylinder engine with a maximum output of 190 kW/258 bhp (BMW 530i).

The BMW 5 Series Security is BMW s answer to growing violence and criminal threats involving carjacking and kidnapping in Latin and South America, parts of South-East Asia and the Middle East, as well as some states of the former Soviet Union. This kind of crime committed on the road and often out of pure coincidence is not a direct attempt at the occupants life. Rather, the perpetrators seek to steal valuables inside the vehicle or, indeed, the entire car.

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The 5 Series Security complies with protection level B4.

Precisely this is why the 5 Series Security is protected against .44 Magnum revolver ammunition and other hand-held weapons in accordance with the requirements of the ballistic protection level B4. BMW Security vehicles of this kind are used by multinational companies and organisations as well as by private individuals.

High-performance fibre composites (aramid, polyethylene) and special-purpose steel is used for armouring the chassis.

Glass with a thickness of approximately 21 millimetres is used for the windows. The armoured glass has been provided with a polycarbonate layer that offers passengers additional protection from splinters.

The BMW 5 Series Security is manufactured alongside the series model at BMW's Dingolfing plant. While on the production line it is prepared for armouring before being shipped to a specialist facility in Toluca, Mexico, where the vehicles (including the BMW X5 Security) complete the final assembly stage. Forming a distinct contrast to production cars retrofitted with security features, the special features especially on BMW's Security cars are integrated into the car right from the beginning in a process parallel to the industrial standard production.

Moreover, top priority is given not only to security in BMW Security cars, but also to optimally tailoring and adjusting the vehicle to the increased weight. This is achieved by extensive modifications of the suspension, braking system and rear axle.

The high level of security specification does not inhibit the interior design or ergonomics though and occupants can still experience the same generous dimensions and freedom of movement inside the passenger compartment. The choice of special options for the Security vehicle is almost on par with the range of options available for its production counterpart. Furthermore, even BMW Individual packages could be integrated in the car, in order to provide customers with the combination of state-of-the-art security and highest exclusivity. Individual equipment options for authorities (e.g. siren and radio systems as well as LED flashing lights incorporated into the radiator grille) can also be integrated if desired.

The 5 Series Security hardly differs at first sight from its regular production counterpart.

Another important argument also speaks in favour of security made by BMW: All of BMW's Security and High Security vehicles are built to international standards and are certified by non-partisan, official tests institutes such as the German ballistic authority.

It goes without saying that the 5 Series Security, like all of BMW's Security and High Security vehicles, comes with nearly all the passive safety attributes of the regular production models. Through its design features and safety items, this is one of the safest vehicles in the world also in the event of an accident.

From outside the BMW 5 Series Security hardly differs from its regular production counterpart. And this is important, since many customers understandably attach great significance to discretion and anonymity. A further equally obvious point is absolute discretion on the groups of customers buying such vehicles as well as comprehensive service provided the world over.

This includes BMW's own pool of High Security and Security vehicles able to supply the customer with a suitable car whenever necessary at short notice and nearly everywhere the world over.