

The BMW 540iA Protection.

BMW 540iA
Protection



www.bmw-ids.com



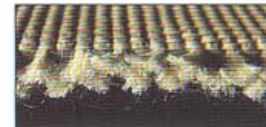
The BMW dimension in personal security.

For the top end in automotive evolution
only the best in security technology
is good enough.

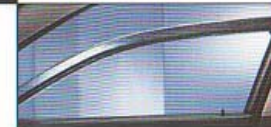
Invisible protection straight off the production line.

The BMW 5 Series is the most successful car in the upper-middle luxury class: in 2002 it has been voted "Best Car of the Year" for the 15th time*. And with the BMW 540iA Protection you will get an optimum in occupant protection without forfeiting its other superior qualities. By using modern technologies and special materials, the additional armoring weight can be reduced to an absolute minimum. The BMW Protection Line cars thus provide the full comfort and dynamic qualities of their standard production equivalents.

* auto, motor und sport, Germany



The bullet-resistant mats of the security passenger cell are made of a special artificial fibre called aramide. This material has a particularly low specific weight and a high degree of flexibility. The protection models are fitted with highly rigid protective glazing allround. The windscreen and the front door windows can also be heated.



① The protective glazing is constructed according to a glass-polycarbonate sandwich structure and is resistant to being struck by hard objects. It also protects you from shots fired from small arms.

② The aramide fibre mats fit precisely in every corner of the vehicle. They are integrated carefully in the doors, the wheel arches, the A, B and C pillars, the entire roof lining and the luggage compartment partition. This makes for an extremely safe passenger cell.

The flagship of dynamism
for the dynamic elite.

The typical BMW driving properties such as excellent handling and outstanding comfort are fully retained in the vehicles of the BMW Protection Line. Driving performance figures are only marginally altered – and this itself is a crucial active safety factor.



It is particularly important to stay mobile in the event of an emergency situation. Security tyres are optionally available for the BMW 5 Series Protection which enable you to continue driving even when there is a sudden loss of pressure. The special wheels have an integrated support ring which allow the car to go on running at speeds of up to 80 km/h. The top speed with these tyres is 210 km/h.

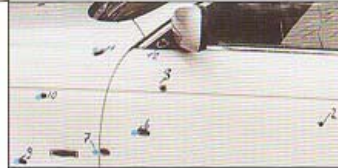
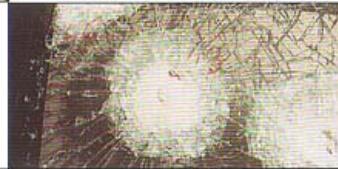
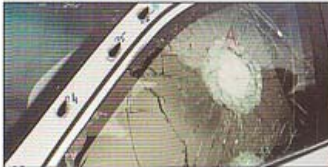
The BMW Protection Line – minimum risk, maximum driving pleasure.

Ballistic Protection.

The engineering and production is done entirely by BMW.

Transparent surfaces

The transparent surfaces protect against .44 Magnum full jacket flat tip, bullet speed 427 m/s, bullet mass 15.5 g, shooting distance 5 m, tested with 2 shots, hit distance 200 mm. The glass/polycarbonate combination is 19 mm thick.



Opaque areas

The passenger compartment (not the floor) is protected against the same threat with high-tech ballistic fibre materials, specially processed, with a thickness of 6 mm and ballistic steel of 2.5 mm thickness in certain areas.

Beschußamt München



Prüfzeugnis

Nr. 7/99

Antragsteller : BMW München
Prüfmuster : Fahrzeug BMW 540 i Protection
Prüfdatum : 19.06.1997
Prüfbericht Nr. : B - 01428 97

Ballistischer Schutz

Die gepanzerten Bereiche sind in Anlehnung an die Euro Norm DIN EN 1063 Schutzklassen BR2/BR3/BR4 getestet worden.

Gepanzerte Bereiche

Fahrgastzelle mit Ausnahme der Fugenbereiche, der Bodengruppe, der Schweller unterhalb der Seitentüren und der Frontseite unterhalb der Windschutzscheibe

Waffenart	Kaliber	Geschoß	Masse	V(2.5)
1. Pistole H&K P9S	9 x 19	FS/RN/SC	8,0 g	368 m/s
2. Revolver Colt 6 Zoll	.357 Mag.	FJ/CB/SC	10,2 g	391 m/s
3. Revolver S&W 8 Zoll	.44 Mag.	FJ/FN/SC	15,6 g	427 m/s

Das Fahrzeug hat die Anforderungen an die Waffenart 1, 2 und 3 erfüllt !

Grenzen

Das Fahrzeug BMW 540 i Protection bietet keinen Schutz gegen Waffen mit höherer Durchschlagskraft, z.B. durch höhere Geschößgeschwindigkeiten und andere Geschößaufbauten.

Beschußamt München
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 Fax 089/17 901-260



München, den 06.12.1999

Stief

With supreme security
you can enjoy
complete peace of mind.

In addition to the high standard of security, you naturally enjoy all the comfort features which otherwise distinguish the BMW saloons. Finest leather upholstery, attractive colours and high quality wood trim provide a sense of supreme exclusiveness in the interior of the BMW 540iA Protection.



BMW uniquely combines personal security with the highest level of comfort.

It is our aim to protect you before danger occurs. This is why we provide the option of an intercom system with hand microphone for the BMW 540iA for example. With this you can communicate with somebody outside the vehicle with the window closed, thus remaining in safety. Communication takes place through microphones and loudspeakers. The BMW hand micro is standard equipment, a concealed intercom system is available as individual option.

Specifications, standard equipment and special equipment BMW 540iA Protection.

Standard equipment (selected options)

- Door windows for driver and front passenger lowerable, fixed at rear
- Dynamic Stability Control (DSC)
- Electronic Damper Control (EDC)
- Number of seats: 4
- Springs and dampers adapted to increased vehicle weight
- Sunblind: - electronic for rear window
- mechanical for rear side windows

Special equipment (selected options)

- Intercom with hand microphone
- Tyre system with emergency running properties



Take the driver's seat. We would like to offer you a first-hand encounter with the vehicles of the BMW Protection Line. In a talk with your BMW partner or on the internet: www.bmw-ids.com

With the worldwide BMW Aftersales Service network, the best in information, service and quality are guaranteed wherever you are.

Note:
The standard equipment corresponds broadly to the "normal" 540iA. All colours available. The furnishing in leather is only available in "Montana". The remaining equipment is as usual. In the case of special wishes, it is possible to arrange individual equipment.

**BMW 540iA
Protection**

www.bmw-ids.com



**The Ultimate
Driving Machine**

BMW 540i Executive Protection

General

- Issuing date of license plate: 1 April 1999
- Warranty: 24 months house selection warranty
- Kilometre status: 94.950 km

Standard Equipment/Outfit

- Automatic transmission
- Executive packet:
 1. Titan silver Metallic paint
 2. Full automatic Air Conditioning
 3. ABS
 4. Automatic stability and traction control
 5. Board computer
 6. Cruise control

Protection performance

- Bullet proof Aramide fibre
 1. Doors and Wheel spaces
 2. A-, B- and C-styles
 3. Roof
 4. Boot
- Bullet proof glass of glass-polycarbonate

Price

- Original price: € 137.500
- House selection price: € 80.000

Engine

- Cylinder capacity: 4938 cm³ (8 cylinders)
- Maximum power: 286 bhp
- Maximum torque (Nm/rpm): 440/3600

7. Wood panel in the dashboard
8. Xenon light with headlamp cleaner/sprayer
9. Alarm class III with remote control
10. Automatic dimming rear-view mirror (inside)
11. Board monitor with navigation and television
12. Montana leather interior (black)
13. Park Distance Control (PDC)
14. Comfort seat with memory and heater
15. CD-changer

