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welcome edition:

**smart forfour blackbasic combines a strong character
with a high level of standard equipment and a low entry price**

The smart forfour blackbasic will be available from June 2004 as a "welcome edition" of the new four-seater. This limited model – of which just 3,000 cars will be produced – combines the strong character of the smart forfour with a high level of standard equipment and a low entry price. In Germany, the smart forfour blackbasic will go on sale at a price of € 11,700 (including VAT). The left-hand-drive model can be ordered from smart centers from March 2004 and will be delivered to customers from June onwards.

- Welcome edition limited to 3,000 cars
- 55 kW (75 bhp) engine guarantees attractive performance
- Incorporating all the safety features of the smart forfour
- Clearly stands out from the competition

The smart forfour blackbasic is immediately recognisable as a member of the smart family on account of the smart "brand DNA" it incorporates: First of all, this is demonstrated by the tridion safety cell with a consistently and effectively implemented safety concept, as well as the visible frame structure of the vehicle. Another unique feature is the two material concept in connection with the tridion safety cell, which is characterised by the use of interchangeable plastic bodypanels.

The smart forfour blackbasic comes with a black tridion safety cell and bodypanels in jack black. It has a plastic roof and the interior is available in a combination of satellite grey / light grey. Provision for radio installation and air conditioning are available as options for the smart forfour blackbasic.

The smart forfour blackbasic has a 1.1 l petrol engine with three cylinders, a power output of 55 kW (75 bhp) and maximum torque of 100 Newton metres. It complies with the limit values for 2005 set out in the EU4 exhaust gas directive. The smart forfour blackbasic will be offered with a five-speed manual transmission. The welcome edition is equipped with tyres measuring 175/65 R 14 T fitted on 5.5 x 14 steel wheels.

The smart forfour blackbasic offers sporty performance and handling coupled with low fuel consumption. The car accelerates from 0-100 kilometres per hour in 13.4 seconds and reaches a maximum speed of 165 km/h. The smart forfour blackbasic consumes just 5.5 litres of fuel over 100 kilometres in accordance with the New European Driving Cycle.

The smart forfour blackbasic is equipped with the electronic stability programme (esp) and disc brakes on both the front and the rear axle as standard. Whereas other manufacturers in the small car segment do not offer a dynamic handling control system, or if they do then only in selected models and usually at an additional charge, esp is included in the standard specification of the smart forfour blackbasic.

Innovation and functionality:

**smart forfour blackbasic stirs emotions
and conveys a sense of joie de vivre**

Like no other car in the segment, every smart forfour – the blackbasic included – combines the functionality of a small car with the emotional appeal of a young car make. Thanks to its extremely flexible interior, the sporty four-seater is extremely functional, clearly illustrating that the core brand values of innovation, functionality and joie de vivre are consistently implemented by smart.

- Black tridion safety cell
- bodypanels in jack black
- Extremely flexible interior
- Multi-variable rear seat bench

The smart forfour blackbasic comes with a black tridion safety cell and bodypanels in jack black. It has a plastic roof and the interior is available in a combination of satellite grey / light grey. Provision for radio installation and air conditioning are available as options for the smart forfour blackbasic.

The friendly face of the smart forfour blackbasic is characterised by the four individual vertically mounted headlamps, positioned at an angle to each other above the air inlet. At the rear, the three-dimensional round tail lamps are typical of the smart brand.

The extremely flexible interior is a highlight of the smart forfour blackbasic

Despite its compact exterior dimensions, the interior of the vehicle conveys a feeling of spaciousness which is typical of smart. The three-dimensional appearance of the instrument panel is enhanced by the external-mounted, spherical air vents and the textile sections integrated in the surface of the instrument panel. The same effect is created by the centre console, in which an array of control elements are integrated. The typical smart design of the interior is rounded off by a three-spoke steering wheel.

Like all smart forfour models, the multi-variable rear seat bench of the smart forfour blackbasic can be adjusted lengthwise by 150 millimetres. This allows either the legroom for the passengers in the rear or the storage space for the luggage to be optimised. The rear seat back can be folded in the ratio 60:40 and each part can be reclined separately.

On the other hand, in the event that additional room is needed for a large amount of luggage rather than rear-seat passengers, folding mechanisms enable the backrests to be folded forwards – either individually or together – into a horizontal position and the entire rear seat to be folded up into a vertical position. In the middle position, the luggage compartment holds just under 270 litres. By folding down the rear seat backs or folding forward the seat system, this can be increased to up to 620 or 910 litres.

A sporty five-door car:

smart forfour blackbasic also has an attractive power/weight ratio

With engine power of 55 kW (75 bhp), maximum torque of 100 Newton metres and an active drive chassis with an exceptionally agile setup, the smart forfour blackbasic meets all the expectations of those looking for a great driving experience. Weighing in at just 965 kilograms, at 17.5 kilograms per kilowatt (12.8 kg per bhp), the smart forfour blackbasic offers an extremely attractive power/weight ratio.

- High-torque engine with 55 kW (75 bhp)
- Maximum torque of 100 Newton metres
- Active drive chassis with agile setup
- Electronic stability programme esp and four disc brakes

The smart forfour blackbasic has a 1.1 l petrol engine with three cylinders, a power output of 55 kW (75 bhp) and maximum torque of 100 Newton metres. It complies with the limit values for 2005 set out in the EU4 exhaust gas directive. The 1.1 l petrol engine is the result of cooperation between smart and Mitsubishi and will be produced at the MDC Power GmbH engine factory in Kölleda (Thuringia, Germany), which was specially constructed for this purpose. The smart forfour blackbasic will be offered for sale with a five-speed manual transmission. The welcome edition is equipped with tyres measuring 175/65 R 14 T fitted on 5.5 x 14 steel wheels.

The smart forfour blackbasic offers sporty performance and handling coupled with low consumption. The car accelerates from 0-100 kilometres per hour in 13.4 seconds and the maximum speed is 165 km/h. The smart forfour blackbasic consumes just 5.5 litres of fuel over 100 kilometres in accordance with the New European Driving Cycle.

The chassis of the smart forfour blackbasic is equipped with a McPherson axle at the front and a twist beam axle at the rear. It has a low roll angle on a par with that of the smart roadster and roadster-coupé. The wide track width – 1,460 millimetres at the front and 1,445 millimetre in the rear are decisive for this – along with the sporty spring and shock absorber setting. With a total spring travel of 170 millimetres at the front and 180 millimetres at the rear, the smart forfour blackbasic has ample reserves for coping with bumpy roads.

Electronic stability programme (esp) as standard

The smart forfour blackbasic is equipped with the electronic stability programme (esp) and disc brakes on both the front and the rear axle as standard. Whereas other manufacturers in the small car segment do not offer a dynamic handling control system, or if they do then only in selected models and usually at an additional charge, esp is a standard feature in the smart forfour blackbasic.

esp uses selective brake intervention to stabilise the vehicle. In addition, esp incorporates hydraulic brake assist and a differential lock function. Furthermore, the anti-lock braking system (abs) including electronic brake-force distribution is integrated in esp. esp ensures that the smart forfour always follows the direction in which the driver steers, even at the stability limit. In addition to closing the throttle valve, esp also features selective brake intervention acting on individual wheels. This ensures directional stability and road adhesion when accelerating, braking and coasting.

active drive chassis with an agile setup

The front axle has been consistently developed to focus on driving dynamics, and with the design of the anti-roll bar, shock absorbers and damper struts the smart engineers have furthermore succeeded in achieving a high level of active safety coupled with exceptionally sporty driving dynamics, putting the smart forfour blackbasic streets ahead of other vehicles in its segment.

Driving pleasure as a standard feature:

The smart forfour blackbasic offers customers premium technology components

Like every smart forfour, the smart forfour blackbasic offers customers technology components which were previously the preserve of premium segment vehicles. The affiliation with DaimlerChrysler and the Mercedes Car Group is particularly apparent in the electronic stability programme (esp) supplied as standard, and in the numerous comfort and safety functions.

- Technology components from DaimlerChrysler and the Mercedes Car Group
- smart forfour blackbasic offers a high level of comfort and safety
- Passengers feel safe – with good reason
- Children travel as safely as adults in the smart forfour blackbasic

Like all smart models, the smart forfour blackbasic has a coordinated, modular safety system and constructional provisions for maximum passenger safety. In crash tests, the five-door smart has displayed qualities which go far beyond the legal requirements.

The tridion safety cell has been further developed for the smart forfour. High stability for the passenger cell was achieved by the use of parallel side members running under the whole vehicle floor from the front to the rear. Together with the solid sill sections, these ensure the necessary high degree of rigidity which has a positive effect both when driving on rough roads and in the event of an accident.

The doors made of extruded aluminium sections and aluminium sheets with plastic paneling are a typical smart construction. Sturdy alloy side members together with solid locks and hinges ensure high resistance against intrusions, especially in the event of side crashes, and a secure connection of the door and the passenger cell.

In addition to the full-size airbags which come as standard for driver and passenger, side airbags are fitted in the backrests of the front seats of the smart forfour blackbasic. In

order to reduce the risk of injuries caused by penetration of the steering column into the passenger space, the steering column is collapsible and retracts towards the front in the event of a frontal collision. The decoupling of the brake pedal when high pressure is applied to the footwell structure also greatly reduces the risk of injury in this area. Large, soft contact areas in the interior, for example in the side doors or the cockpit ensure maximum occupant safety. Pyrotechnic belt tensioners and mechanical belt-force limiters are provided for the driver and front passenger.

smart forfour blackbasic offers a high level of comfort and safety

Once the car is in motion, the central locking system is activated. This system, which is called "drive lock", protects the passengers in the smart forfour blackbasic from "uninvited guests" attempting to enter. As soon as a door is opened from within, the central locking system releases all locks again. If desired, drive lock can be deactivated at the touch of a button.

The lanechanger function for the indicators contributes to road traffic safety and convenience. Briefly pressing the steering column control stalk makes the selected direction indicator flash three times.

When the ignition is switched off at the end of a trip, the headlamps are automatically switched off as well. Conversely, turning the ignition key activates the (switched on) driving lights; however, in order to protect the vehicle power supply, not during the starting process. A further function lights up the path from the vehicle to the front door of the house, for example: If the lights were on before the ignition key was taken out, both driving lights and parking lamps are switched on again after the vehicle is locked. After twelve seconds the lights automatically switch off again. Conversely, a double click on the door unlocking button activates the exterior and interior lighting of the smart forfour.

Children travel as safely as adults in the smart forfour blackbasic

Special seat and restraint systems are available as accessories for young passengers to suit each age group. They have proved their suitability in crash tests. A baby seat is available for babies and small children up to 9 months of age. This can be fastened to the

seat with the three-point seat belt. If the baby seat is installed on the passenger seat, the appurtenant front airbag can be deactivated with the car key.

The seat for children aged between nine months and four years can be attached with the car's own three-point belt. The seat booster for children between the ages of four and twelve years also uses the three-point belt system integrated in the car. The height-adjustable backrest with belt guide ensures that the seat fits the child's body.

smart forfour blackbasic:

Technical data

Colours

Exterior	tridion safety cell in black bodypanels in jack black
Interior	satelite grey / light grey

Engine

Type	petrol
No. of cylinders/configuration	3 / in line
Engine capacity (cc)	1124
Bore x stroke (mm)	75 x 84.8
Rated output (kW/bhp)	55/75 (6000)
Max. torque (Nm)	100/3500
Compression ratio	10.5
Fuel delivery	MPI
Fuel type	Premium unleaded petrol, EN228, min. 95RON/85MON

Power transmission

Clutch	single-plate dry clutch
Transmission	five-speed transmission

Ratios

Final drive	4,353
1st gear	14,398
2nd gear	8,327
3rd gear	5,476
4th gear	4,104
5th gear	3,322
Reverse	14,063

Running gear

Front axle	wishbone, McPherson strut, anti-roll bar
Rear axle	twist beam axle, coil springs, telescopic shock absorbers
Brake system	hydraulic dual-circuit brake system with vacuum booster, esp, disc brakes at front and rear
Steering	rack-and-pinion steering, electr. servo assistance
Wheels/tyres front/rear	175/ 65 R 14 on 5.5 x 14 (steel)

Dimensions and weights

Wheelbase (mm)	2500
Track width front (mm)	1460
Track width rear (mm)	1445
Length (mm)	3752
Width (mm)	1684
Height (mm)	1450
Turning circle (m)	10.5
Open luggage compartment capacity behind rear seat up to top of backrest (l)	268-330
Open luggage compartment capacity behind front seat up to top of backrest (l)	620
Maximum luggage compartment capacity behind front seat (l)	910
Kerb weight (kg) in acc. w. DIN	965
Payload (kg)	485
Permissible total weight (kg) in acc. w. DIN	1450
Permitted towed weight, unbraked (kg)	500
Permitted towed weight, braked (kg)	750
Maximum permitted roof load (kg)	50
Fuel tank capacity/reserve (l)	47/5

Performance

Acceleration 0-100 (km/h)	13.4
Maximum speed km/h	165

Fuel consumption

Urban cycle (l/100 km)	7.0
Extra-urban cycle (l/100 km)	4.6
Combined (l/100 km)	5.5
CO ₂ emissions (g/km)	130
Emission class	EU4