

AC Schnitzer ACS3



**AC[®]
SCHNITZER**

made by winners, made for fun.

The AC Schnitzer ACS3 Series: Compact High Performance Technology from Motorsport.

All AC Schnitzer products combine the driving dynamics and pleasure of motor racing with the reliability and comfort of standard vehicles.

The third generation of this classic design: the AC Schnitzer alloy wheel Type III, shown here with open spokes.



The BMW 3-series stands out immediately thanks to its sophisticated design and extremely high level of comfort which is usually the preserve of top class vehicles. So improving further such a sophisticated car as the BMW 3-series represented a huge challenge to our engineers.

On one side, the high level of comfort had to be retained while on the other, more sporting performance and individuality had to be achieved. In response to the challenge, our team of engineers has developed a complete range of ACS3 special accessories, where the design of all components has been greatly influenced by our many years of motor racing experience.

As usual for AC Schnitzer, all parts have been tested in comprehensive tests. These vehicles

have been tested by our engineers and by professional drivers on country roads, motorways and race tracks, sometimes under hard race conditions, to ensure their functionality and durability.



There's no substitute for experience. It's this very quality which has helped us become one of the most successful motorsport teams and one of the largest BMW tuning companies in the world.



Herbert Schnitzer 1972 in the BMW 2000 tisa



Winner of the American Le Mans series: Jörg Müller 2001 in the BMW M3 GTR



1999 Victory in the Le Mans 24h race in the BMW V12 LMR



Engines that persuade by good performance.

We have invested a great deal of development work in the performance upgrades and the 3.2 l power plant for the BMW 328i. This is based on a special engine block, a forged crankshaft and special pistons, and has a capacity of 3.2 litres. In conjunction with the optimised control unit program, the AC Schnitzer ACS3 3.2 l engine develops 235 HP/173 kW. Thus equipped, the ACS3 can sprint to 100 km/h in just 6.4 seconds and has a top speed of 258 km/h.

Also this is the first time our engineers have developed a power increase using turbine compressor technology, which gives the 3.0 l engine a powerful extra 64 HP with just 0.35 bar boost and results in a perceptible

improvement in driving performance. The test team of the magazine "Auto Bild test & tuning", in its issue No. 4/2002, gave the following verdict: "Mid-range sprints and overtaking manoeuvres are suddenly almost at M3 level, accompanied by a purposeful sound."

Acceleration like the high speed train - but also unashamedly thrifty. This description perfectly epitomises the AC Schnitzer diesel power upgrades for the 2.0 l and 3.0 l standard engines. The inherently economical nature of the standard power plant is successfully combined with a generous helping of driving pleasure. Torque figures up to 440 Nm combined with power increases of up to 28 HP.



Higher performance with a clear improvement in handling.



AC Schnitzer aerodynamic components are available for the 3-series in various guises. Aerodynamic kits for vehicles from 09/2001 (large bottom photo)

Front flipper for vehicles with M-Technik aerodynamic components (top)

Aerodynamic kits for vehicles up to 09/2001 (left)

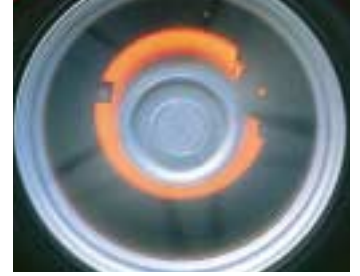
The high engine performances of the ACS3 models make improved suspension essential. Extensive suspension modifications firstly enhance driving pleasure, as for example far higher cornering speeds are possible. Secondly but perhaps more importantly, such suspension improvements constitute a high safety factor not just for spirited driving, as greater control is achieved in all situations.

These suspension modifications are not limited to more sporting dampers or more rigid springs, but are based on more extensive adjustments. The complete ACS3 chassis concept consists of specially adjusted sports and racing suspension, the AC Schnitzer sports antiroll bars, the AC Schnitzer alloy wheels and AC Schnitzer aluminium strut braces which stabilise the vehicle for

fast cornering. The ACS3 suspension was developed and tested extensively both on the north loop of the Nürburgring and in everyday road traffic.



All AC Schnitzer products undergo extensive stringent tests, partly under realistic race conditions.



The ACS3 Series high performance on both acceleration and braking.

The modified engine and optimised suspension guarantee maximum driving pleasure from the ACS3 models with no loss of comfort. In these vehicles, even long distances are effortless. Driving pleasure takes over again. For vehicles of the ACS3 series, the road is the destination - country roads are as much their domain as motorways or race tracks.

But to maintain this driving pleasure and enjoyment in all situations, and to ensure maximum control over the vehicle's performance in all situations, we have also fitted the ACS3 series with a special high performance brake system. This generously dimensioned brake for the front axle has floating calipers and internally vented brake discs (\varnothing 333 x 32 mm) special pads and stahlflex brake lines. With these modifications, the ACS3 series can achieve excellent deceleration values of 1 g and more even from high speeds.

For the rear of the saloon and coupé AC Schnitzer offers not only a rear skirt but two different rear spoilers, two rear wings and a rear roof spoiler.

The ACS3 series: innovative technics – sporting design.

The AC Schnitzer front spoiler maximizes the aerodynamic and the air supply into the engine compartment and to the front brakes.



The level of individuality can be decided by every AC Schnitzer driver himself. E.g. with the light alloy and racing wheels Type IV - light alloy wheel Type IV



AC Schnitzer alloys and racing wheels, available in Type II, Type III and Type IV designs for the ACS3 series, are not only extremely functional but also have high aesthetic appeal. Frequently praised for their styling, the original AC Schnitzer wheel and its successors have now become accepted design classics.

Type II wheels are available in both 17" and 18". The Type III racing wheel as well as the Type III and Type IV light alloy wheels are available up to 19" for the 3-series variants. The aerodynamic conversions for the ACS3 series also offer not only high functionality - for example, the AC Schnitzer front spoiler clearly increases downforce on the front axle and thus improves stability - but also an aesthetically pleasing individuality. Particularly striking examples here are the aerodynamic

sports mirrors, which together with the AC Schnitzer side skirts give the vehicle a far more imposing, elongated appearance.



The AC Schnitzer Racing strut brace for cars with 6 cylinder engines, except diesel.

Technology transfer for the interior: light-weight materials such as carbon fibre and aluminium give a real race car atmosphere.



Comfortable performance margin.

For the interior too, AC Schnitzer offers a wealth of trim details and accessories. As well as the AC Schnitzer Short Shift gear selector which ensures both typical race styling and shorter selector travel, ergonomically styled air-bag sports steering wheels are available in either three-spoke or multifunction design.

Foot rests in the footwell ensure a more relaxed driving position, and also the entire pedal set is available in aluminium or - for a particularly exclusive look - to order in carbon fibre trim in black or silver.

As well as all these equipment details which have been developed and tested just as carefully as all other AC Schnitzer components, for the ACS3 series complete leather interiors are also available on request in all conceivable colours and designs, together with further tailor-made custom solutions. A vehicle from the ACS3 series is always a totally individual vehicle, as individual as you could wish.



A feast for all the senses – the AC Schnitzer Convertible.

Next to technical perfection and refined functionality, our engineers have focussed on one aspect above all: the driving experience in a vehicle from AC Schnitzer.

And this experience shouldn't just be unforgettable and unique - it's the sensation of more sporting performance and exclusivity. Because the compromises which have to be made in mass series production simply don't apply at AC Schnitzer. Here we place the emphasis on driving pleasure, sporting performance and individual exclusivity - with unchanged high standards of driving comfort and reliability.

AC Schnitzer sports mirrors: aerodynamically shaped, heated and adjustable.



Discreet but clear: The AC Schnitzer emblem on the rear indicates a sporty and exclusive interior.





The AC Schnitzer carbon interior trim looks especially innovative in the silver finish.

Rear view of the new convertible with rear spoiler, rear skirt and sports rear silencer incl. chromed racing tailpipe.



Sports-exclusive elegance for the best days the car year.



When is the difference from a standard vehicle clearer than when driving the cabrio? When the sonorous note of a fully stainless steel exhaust system by AC Schnitzer can reach your ears directly and unmuffled. When the connection between country road and sports suspension feels evident and direct on every corner. Or when you feel the increased air flow unfiltered through your hair.

And you can see this sporting elegance immediately in a vehicle from AC Schnitzer. The proportions and materials don't hide their origins - the pedigree of motorsport is clear in every detail.

Unmistakable but subtle - that's what distinguishes the incomparable exclusivity of every vehicle from AC Schnitzer.

Sports-exclusive elegance for the best days of the car year.

With this exclusive-sporting driving sensation, you can enhance your everyday driving experience at any time. And all products from AC Schnitzer have repeatedly proven their excellent suitability for everyday use and their high technical standard - above all in manufacturing quality.

The precise fit of the aerodynamic components, and the durability of power plants and suspension components, more than meet the manufacturer's specifications.

Interior trim with exclusive leather and embroidered AC Schnitzer logos for all seats



Aluminium gear knob and carbon fibre trim for the dashboard, centre console and side panels.



Because at the turn of a key, any day - whatever the weather - can be one of the best of the year.

Only you can decide that!



Here you can really sense the legendary manufacturing quality of every single AC Schnitzer component.



In anthracite the carbon fibre interior trim looks more discreet and a little more exclusive



The rear of the convertible: also with rear spoiler, rear skirt and sports rear silencer in classical design.

AC Schnitzer Accessories: technology born of motorsport.



AC Schnitzer racing alloys Type III, multi-piece, silver with polished outer rim, in sizes 8.5J x 18", 8.5J x 19", 9.0J x 19". Optional design elements can be painted individually; AC Schnitzer alloys Type III, silver, in sizes 8.5J x 17", 8.5J x 18" and 8.5J x 19". Optional design elements can be painted individually

*Large image: AC Schnitzer light alloy wheel Type IV, with its brilliant lacquer the surface composition is given an optimum protection against environmental influences
Sizes: 8.5J x 19" offset 36 for the front and offset 36/43 for the rear.*

AC Schnitzer alloy wheels Type II, silver, in sizes 7.0J x 15", 8.0J x 17", 8.5J x 18" and 8.5J x 19"



AC Schnitzer racing alloys Type II, silver with polished outer rim, in sizes 8.0J x 17", 9.0J x 17", 8.5J x 18" and 9.0J x 18"





AC Schnitzer racing suspension, height-adjustable in sports firm setting (left)

AC Schnitzer sports suspension including lowering, in sports comfortable setting (right)



AC Schnitzer ACS3 3.2 litre power plant consisting of special block, crankshaft, con-rods, pistons, machined cylinder head and AC Schnitzer aluminium strut brace on the front for greater vehicle stability



AC Schnitzer spring kit lowering up to 30 mm



AC Schnitzer sports silencer of V2A stainless steel with chromed tailpipe



AC Schnitzer ACS3 COMPRESSOR kit gives an extra 47 kW (64 HP) with a boost pressure of 0.35 bar (top)



AC Schnitzer chromed tailpipe in new racing design



AC Schnitzer special antiroll bar kit for front and rear axle, 2 settings for front axle (left)



AC Schnitzer aluminium strut brace, rear axle (right)

**AC Schnitzer special components:
Individuality can even be functional.**



The AC Schnitzer rear spoiler for 3-series saloon and coupé is available in several variants (top).

The AC Schnitzer rear roof spoiler for coupé and saloon (centre).

AC Schnitzer logo - a sign of individuality and technical competence in the automotive sector (bottom left).

AC Schnitzer side skirts and AC Schnitzer design stripes are available for all body variants (bottom centre).

AC Schnitzer front spoiler to increase downforce on the front axle (bottom right).

The AC Schnitzer sports mirror - electrically adjustable and heated - is a design highlight for every sports car (large photo)



AC Schnitzer multifunction airbag steering wheel in leather with carbon fibre, wood or leather trim (left).

AC Schnitzer 3-spoke Smart Airbag steering wheel in leather, carbon-fibre silver or carbon-fibre black (right).



AC Schnitzer carbon fibre interior trim in black and silver with matching AC Schnitzer 3-spoke sports airbag steering wheel, available in leather, carbon fibre or root wood (large photp).

AC Schnitzer combi-instrument with rev counter, up to 310 km/h (modification in Aachen only)

AC Schnitzer aluminium gear knob (top left).

AC Schnitzer "Short Shift" sports gear change - shorter selector travel as fitted to Touring Cars (centre)

AC Schnitzer aluminium pedal set and foot rest, and AC Schnitzer velours floor mats (bottom).



Our partners are the best:



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