

**BMW M TECHNIC
SPORTS ACCESSORIES
FOR THE INDIVIDUALIST.**



BMW M Technic

BMW -

A HISTORY OF SUCCESS IN MOTORSPORT.

BMW's worldwide reputation for technical innovation and sports performance is based firmly on the company's commitment to Motorsport.

Since BMW first began producing aero engines and Motorcycles in 1916, our products have broken record after record.

Our cars have won the European Touring Car Championship no less than fourteen times in the last twenty years.

Our engines have powered the winners of the European Formula II championship six times since 1973.

And in 1983 a turbo-charged BMW engine, using a 316 block, powered Nelson Piquet to the Formula One world championship.

But at BMW, Motorsport means more than just accolades. Competing at the very highest level has always been a fundamental part of our philosophy. It encourages imaginative yet effective solutions to the most complex problems and has provided the developments in the design of engines, suspension, aerodynamics and safety systems for all BMW cars.

BMW M TECHNIC - RACEBRED PERFORMANCE AND QUALITY.

With M Technic BMW have used this vast store of Motorsport knowledge to produce a range of specialised sports components - from visually attractive and aerodynamically effective body accessories, to racetrack derived suspension components and light alloy sports wheels.

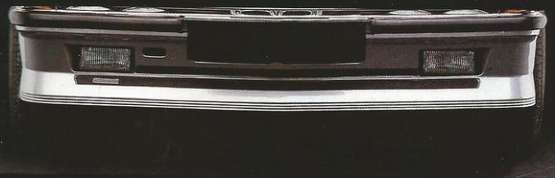
So when you choose an M Technic component you can be assured that it has been thoroughly tested and designed for your BMW - probably at Silverstone, Spa and Nurburgring.

Of course, every BMW already displays a subtle touch of its Motorsport breeding. But the M Technic equipment gives you the opportunity to develop this further.

6 SERIES

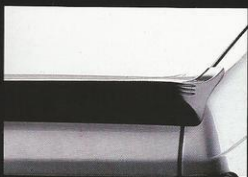
Naturally 6 Series owners expect a lot from their cars and the components fitted to it. And those who require a more stylish and sporty expression of individuality will find the M Technic programme of great interest.





All current BMW Coupes can be fitted with the complete aerodynamic pack consisting of front and rear spoilers, lengthened sills and rear apron, together with wheel arch extensions.

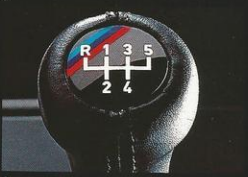
Each element is manufactured to the Coupes exacting standards and is designed to fit perfectly.



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1) The BMW Touring Coupe: successful in many European championships.

2) Exclusive: The M Technic 6 Series featuring stylish alloy rims from the BMW accessory programme.

3-5) M Technic front spoiler and rear apron: perfectly matched.

6) M Technic rear spoiler: stylish and functional.

7) Detail of the exclusive M Technic sports steering wheel, hand stitched leather, with a diameter of 384 mm.

8) M Technic gear lever knob: exclusive design.

AERODYNAMICS.

It is relatively easy to produce components that improve the aesthetic appeal of any car. But to combine that appeal with functional efficiency is far more challenging.

The M Technic aerodynamic packages are the result of many hours of painstaking development work in the stylist's studio and BMW's wind tunnel research centre.

That the finished packages represent effective aerodynamic devices whilst retaining genuine style and visual appeal is a credit to BMW's designers and engineers.

Present day cars are lighter and faster than their predecessors – so the role of aerodynamics is becoming increasingly important, both as a source of reducing fuel consumption through minimised aerodynamic drag, but more important as a contributor to safety.

For BMW safety is a vital feature. By fitting M Technic aerodynamic equipment you add improved stability in cross winds and in high speed cornering. And by reducing drag they also ensure greater power reserves at all speeds.

The combined effect is the harmonious harnessing of all the aerodynamic forces acting upon the vehicle to give greater stability, improved performance and handling, and, therefore, increased driving safety.

5 SERIES

The 5 Series has in its range the Motorsport developed M 535i which shares the same 218 bhp engine as the 635 CSi Coupe.

The M Technic equipment which is standard on the M 535i is now available for the other 5 Series models.

From spoilers, sills and rear aprons to light alloy wheels, wheel arches and gear knobs every single M Technic component is meticulously designed to fit and function precisely.

The result is not only improved visual appeal and added individuality but genuine benefits in performance.



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1-3) In a class of its own: The M Technic 5 Series.

4) Ergonomically designed: M Technic sports steering wheel, made in leather with a diameter of 384 mm.

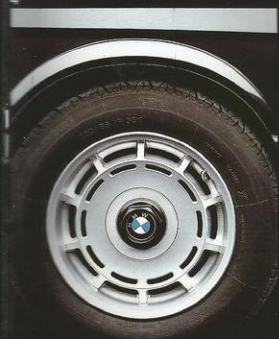
5) Unmistakable: M Technic sports rims.

6-7) Front spoiler and rear apron: quality without compromise.

8) Stylish: M Technic gear lever knob.



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SPORTS SUSPENSION.

Power alone does not bring a guarantee of success in motor racing – a car's suspension has a greater bearing on the final outcome.

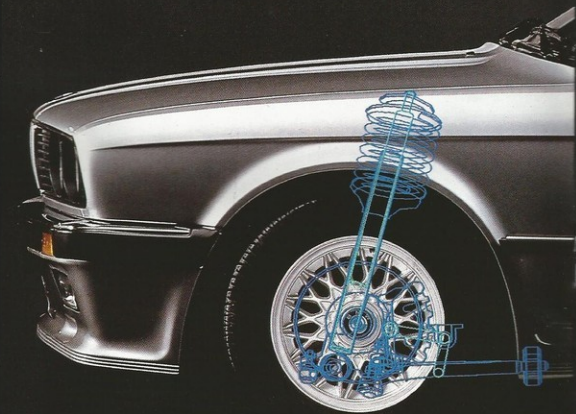
A good suspension should not only endow the car with the highest levels of grip, but also allow the driver to keep the car at the limit for many hours, without inducing undue stress.

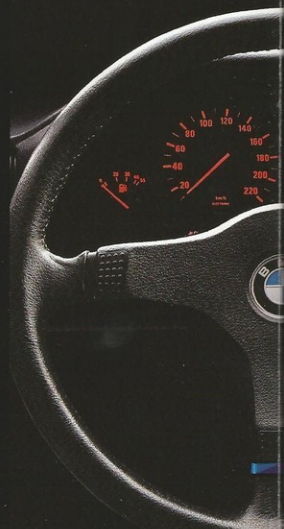
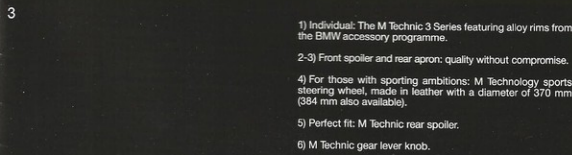
With the advent of the M Technic programme, BMW have used their superior engineering expertise to produce a range of sports suspension kits that will improve the responsiveness of your BMW even under the rather less arduous conditions of ordinary roads.

And you can rest assured that every component, however small, has been designed, manufactured and tested to BMW's exacting standards.

The result is a suspension system that rewards even the most demanding driver.

All M Technic components are designed to fit perfectly, but only your BMW Dealer has the professional expertise and technical equipment to complete the installation to BMW standards.





1) Individual: The M Technic 3 Series featuring alloy rims from the BMW accessory programme.

2-3) Front spoiler and rear apron: quality without compromise.

4) For those with sporting ambitions: M Technology sports steering wheel, made in leather with a diameter of 370 mm (384 mm also available).

5) Perfect fit: M Technic rear spoiler.

6) M Technic gear lever knob.

3 SERIES.

The BMW 3 Series is regarded as the definitive sports saloon following on from the traditions established with the 2002 and the original 3 Series.

A compact saloon that combines sports car performance and handling with levels of refinement and comfort more normally associated with larger cars.

The latest 3 Series continue to benefit from BMW's Motorsport heritage and the new 325i represents new standards by which all other sports saloons must now be measured.

Any components or accessories produced for the 3 Series must, therefore, match these high standards.

Now the M Technic programme allows discerning drivers to derive even greater enjoyment without compromising quality or performance.

And you can rest assured that BMW's qualified technicians can fit these specialised parts with millimetre precision at your local Dealership.

The range of M Technic components for the 3 Series is comprehensive. The aerodynamic package consists of front and rear spoilers, lengthened sills and a rear apron section.

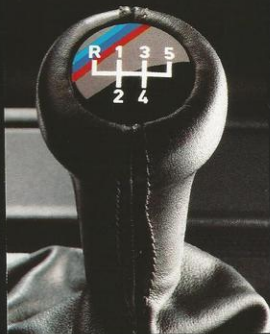
Each element is carefully designed to complement the styling of the 3 Series and to fit together harmoniously. Yet, once fitted, they bring real benefits in increased stability and especially improved high speed handling.

The M Technic suspension pack gives a firm yet supple ride to any 3 Series, improving both handling and roadholding. It consists of lowered progressive rate springs, heavier duty stabiliser bars and gas pressure shock absorbers.

The 3 Series is a very sports orientated BMW Model. The M Technic programme takes this sporty appeal one step further.



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QUALITY.

BMW's reputation for quality is world renowned, and all the elements of the M Technic programme have been rigorously tested to ensure the highest manufacturing standards and precision tolerances.

The materials used also reflect BMW's commitment to quality and technology.

The front spoilers, sills and rear aprons are made of a polyurethane integral foam reinforced with fibre glass and manufactured using the highly technical R-RIM injection moulding process. This gives a much smoother finish, greater inherent stability and improved flexibility.

The rear spoiler is made using the SMC (sheet moulding compound) process and is supplied in primer coat ready to be painted. This allows a very smooth finish and a degree of accuracy – which in turn ensures a perfect fit.

By using the latest technology BMW have ensured that your BMW Dealer can fit M Technic components precisely and effectively.

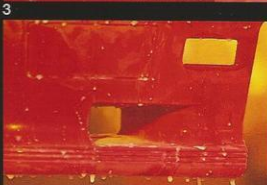
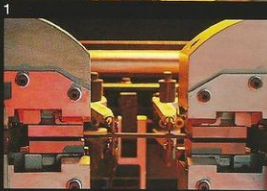
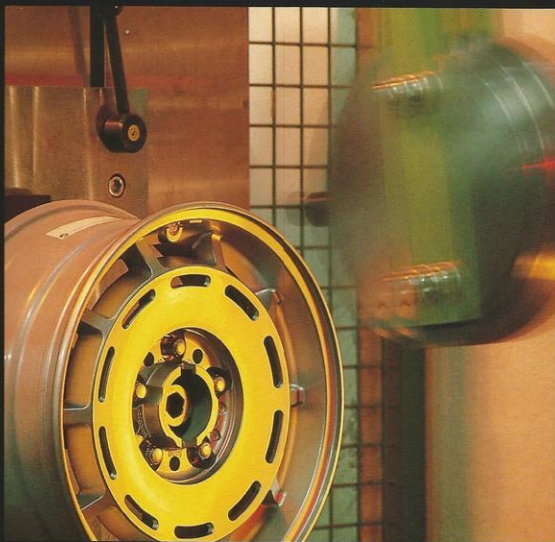
TESTED TO PERFECTION

At BMW testing is a way of life. No other car manufacturer subjects their cars to the rigours of 10,000 kms of high speed driving at the Nurburgring – a race circuit even Formula One drivers find demanding.

Sophisticated computer systems can now simulate every bump, twist and turn on the Nurburgring in the laboratory. The same computer system can also simulate pretty impressive performance figures – 0-62 mph in 2.1 seconds.

So all M Technic components complete many testing laps of the Nurburgring in the laboratory before they are actually tested on the track.

Throughout their development they are subjected to forces far beyond what they are likely to meet in practice. All of which gives you absolute confidence in the range of M Technic components available for your car.



1) The wheel flange impact test simulates the behaviour of the wheel rim under extreme impact load. This may be experienced, for example, when a wheel hits a kerb.

2) In a tensile test spoiler, samples of material are tested to establish their strength and tensile behaviour.

3) The water splash test gives information about paint adhesion and surface changes when moisture is absorbed under extreme conditions.

4) A detailed analysis is carried out of the tendency of M Technic components to deform under extreme temperature fluctuations, and of paint adhesion on the component material.

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**BMW M TECHNIC FROM
YOUR BMW DEALER.**

