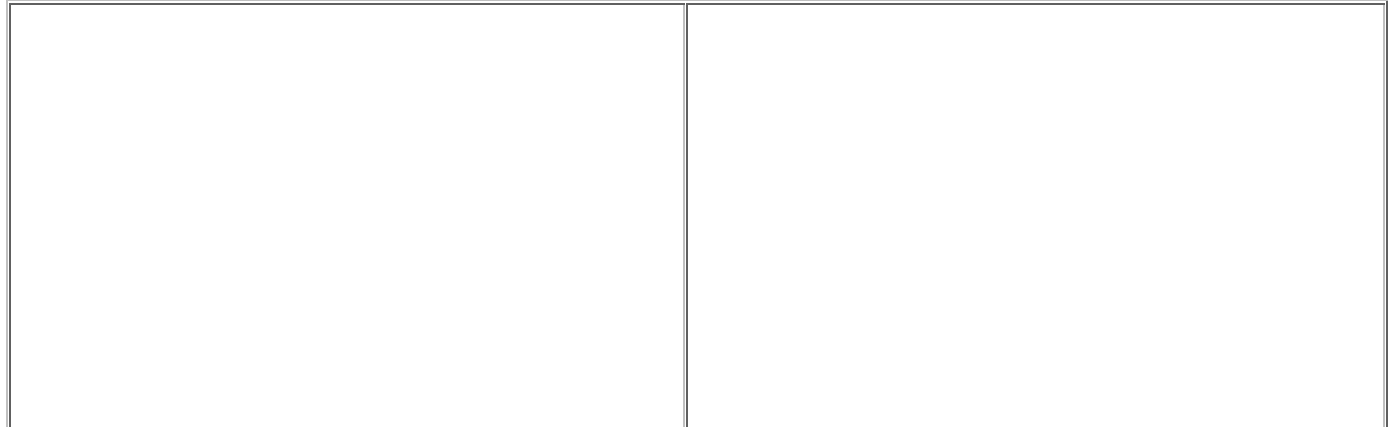




The U.K's Premier BMW Tuning Company.



BMW 435dx Demonstrator



After more than 30 years of BMW tuning, Birds remain unique in the marketplace. We invest in our own demonstrators and identify areas where performance is lacking and can be fundamentally and significantly improved. Our engineers then work with leading industry professionals to create peerless, vice-free solutions.

Uniquely, all testing and development is carried out on the same roads where our customers drive. Yes, we do closed circuit testing, but only to find the performance limits in safety, but we don't subscribe to the idea that we should build racing cars for the road. We offer road cars that acquit themselves daily on the challenging UK road network, as well as the occasional track day.

We don't design edgy or stiff suspensions, nor do we offer drift style differentials, or smoky engine management software that breach emissions limits and kills catalysts. Birds B-Series conversions will take your car up to, but never beyond, the sensible limits of the original BMW.

All technical work is undertaken at Birds facility in Iver, just outside West London, with new engine management individually programmed for each car. All conversions are guaranteed for both performance and longevity. Only the best will do, and only available from Birds- the home of Ultimate BMW Performance Tuning.

Underlining our place at the cutting edge of tuning technology, all complete conversions carry comprehensive warranties of 24 months, without mileage limitation.

Kevin Bird Garages Limited

2, The Ridgeway, Iver, Buckinghamshire, Great Britain, SL0 9JQ
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Quaife BMW

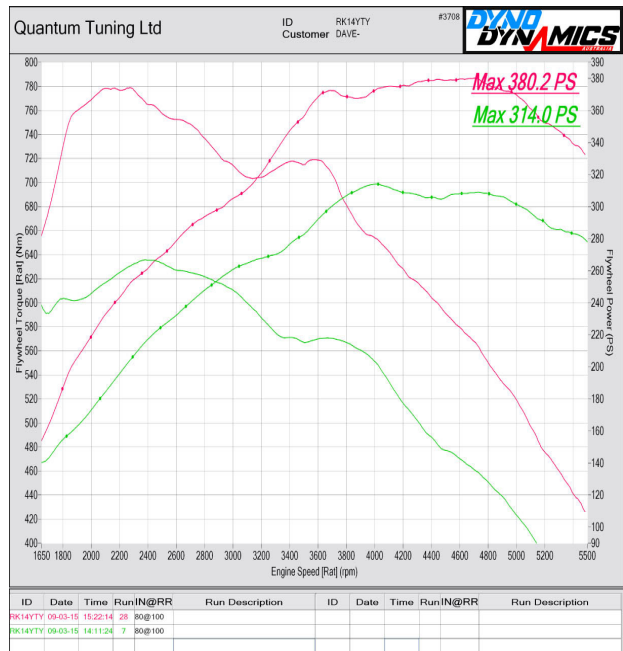
Tuning BMW

Service BMW

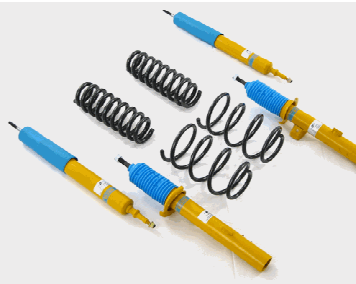
The BMW 435d xDrive is an amazing sporting saloon as a standard car. The twin-turbo six has huge torque and coupled with the xDrive, it's pretty hard to beat. But given that BMW cannot allow this car to steal the thunder of the M4, the engine performance seems to be capped to a deliberately modest level.

Birds have developed engine management software for this car. As always, we strive to provide vice-free engine mapping, with no flat spots or erratic throttle response, and the all-important engineering and durability testing has now been completed. Moreover, there is little doubt that whilst BMW have endowed the car with acceptable dynamics, there remain significant margins where chassis dynamics can be improved.

We have coordinated all of the necessary equipment and expertise to transform the braking, handling, traction and ride quality, so that the driver is able to fully communicate with the chassis, and truly elevating the dynamics to provide the real Ultimate Drive.



This B4-3.5x has the 380ps Complete Conversion, which consists of the following items. In addition, the car has options detailed below from our extensive range of developments. Our mission is to remove unwanted characteristics from any BMW car, and improve performance in areas where the driver perceives the standard fare as inadequate. The specification and equipment of this car could be changed to suit the driver's requirements.

Engine	Engine Management Software 380ps
Suspension	B-Series Sport Suspension
Tyres	19" Continental Sport Contact 6 tyres
Brakes	Alcon Sport Brakes Front
	<p>Suspension - The B-Series Sport suspension features springs and shock absorbers that have been specifically designed and developed for UK roads. Although our suspensions have indeed been tested on the Nurburgring, they are tuned to work properly on everyday roads. No more crashing over bumps, and poor ride control typical of so-called sport suspensions. You will find our suspension to be a revelation, with corner exit speeds and traction massively improved, without compromising comfort. Ride quality and safety is paramount, and for this reason, the adoption of specially tuned gas shock absorbers and bespoke coil springs that have been genuinely tuned by industry professionals to achieve an impressive balance.</p>

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Brakes – Alcon Ø365x32mm curved vane ventilated and grooved discs for the front axle, featuring low weight alloy hubs, with a unique floating rotor system to prevent vibration and fade. Six piston alloy callipers for reduced weight and mighty stopping power. The feel and progression of these brakes allow fierce braking right up to the point of ABS actuation, both in the wet and dry. Fully protected against corrosion, and they work from cold right up to racing temperatures. A minimum of 19" wheels are required. Also available for the rear axle.

Such is the performance of this car, we feel that for the first time, bigger brakes are required as part of the standard Complete Conversion.



Tyres- All BMW cars except the M-Power cars are equipped with run-on-flat tyres from the factory. We cannot stress how important it is to rid your car of these performance sapping devices. In our opinion, the arguments proposed by BMW for these tyres are totally misjudged, and we know of no customer who regrets installing conventional tyres. A second note...all tyre brands do not perform similarly. Our recommendation of Continental Sport Contact 6 is based on UK road conditions, and provide the best in wet weather grip and handling. If you want race style tyres, we can provide them.

Included Options



Quaife ATB Differentials - ATB differentials increase the torque presented at the tyre contact patch with the road, which increases the force exerted on the road, which, in turn, increases the rate of acceleration. In low grip situations, the standard "open" diff. allows one wheel to spin, triggering the traction control and limiting the engine power. The Quaife prevents the wheel with the least grip from spinning, traction control is therefore not triggered, and the car accelerates to it's true potential.



Hartge 19" Ultima Wheels – Available in Sparkling Silver or Smokey Silver compatible with all of the factory traction, dynamic stability and puncture protection systems, and ride quality has been maintained by careful design and attention to installed weight of the wheel and tyre assembly. Fully compatible with any of the standard equipment, and of course with all Hartge equipment. Hartge wheels sets come with Pirelli or Continental with 225/40 & 255/35 high performance tyres, which eliminate the uncomfortable ride of the standard run-flat units. Hartge wheels sets are verified for the maximum speed of the car.

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