



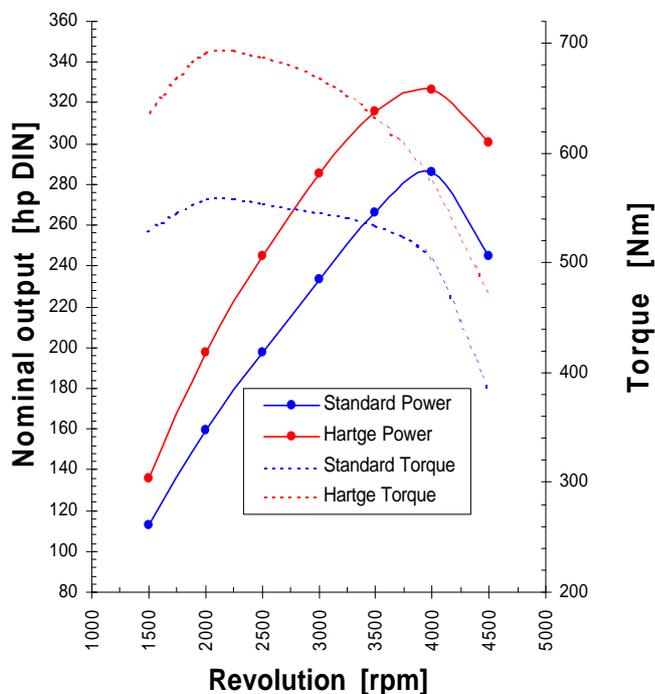
E70 X5 3.0sd Hartge Complete Conversion

There is little doubt that whilst BMW have endowed the car with superb dynamics, there remain significant margins where performance can be improved. We have co-ordinated 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 driving experience.

All technical work is undertaken at Birds facility in Uxbridge, near Heathrow, with new engine management maps individually programmed and transmitted from the factory. All conversions are properly guaranteed for both performance and longevity. Only the best will do, and only available from Birds, The UK's Premier Tuning Company.



HARTGE E70 3.0sd performance kit (328hp)



Hartge Engine Management Modifications

Today's high performance engines – many of which have already been almost fully developed at the factory – call for tuners who can do more than just tweak them digitally. Indeed, chip tuning – a magic word in this day and age – is more of a taboo subject at Hartge.

Anyone who doesn't know what engines go through under the hardest driving conditions or in racing simply give the 'power screw' another twist. At Hartge, all engine components as well as the drive train, chassis, bodywork and brakes, are tested on the bench and on the road before being approved for sale.

And this is backed by over 36 years experience in the field of high performance engine building.

The Hartge Motronic Modification is guaranteed for a period matching the BMW manufacturers guarantee, and does not invalidate the BMW Manufacturers warranty. For vehicles outside of Manufacturers warranty, the guarantee period is one year. In all cases, a maximum of 60,000 miles applies.

Kevin Bird Garages Limited

2, The Ridgeway, Iver, Buckinghamshire, Great Britain, SL0 9JQ
Tel 01753 657 444, Fax 01753 655 963, Web www.BirdsAuto.com



The complete conversion consists of the following items. We will be pleased to revise specifications and pricing to your individual requirements.

Engine	Diesel Motronic Modification 328hp
Exhaust	Exhaust Tailpipes, Four Round
Suspension	Sport Suspension Springs (30mm lower)
Wheels & Tyres	22" Classic 2 Wheel & Tyre Set
Body Styling	Front Spoiler and Rear Skirt
Accessories	Carbon mirror covers, pedal set, gear knob, roundels and badges etc



Sport Exhaust Tailpipes are manufactured in lightweight stainless steel, and make the X5 look very sporty and high in quality. They are available with dual round or oval tailpipes.



Sport Suspension Springs - The springs are stiffer than standard, yielding benefits in both roll and cornering poise, yet do not compromising ride quality. They lower the X5 by 30mm, giving it an impressive edge in looks but also catering for dynamic limits on uneven roads.



Front Spoiler and Rear Skirt – Hartge front spoilers are designed to reduce aerodynamic lift at high speeds, whilst improving cooling to both the engine and brakes. Crosswind stability is improved, drag reduced, and the aesthetics of the car dramatically changed. (Mesh grills also available in black). A rear skirt is available to the complete look, and integrates the standard or Hartge exhaust outlets more completely into the rear of the car body.



22" Hartge Classic 2 Wheels and Tyres – Continental tyres have been specially selected for their quiet running, impeccable wet road traction, and impressive speed rating. All of the benefits of the Hartge Classic, with the added advantage of radial spokes which integrate with the outer rim, making the wheel appear larger than their nominal dimensions. Ride quality is retained for everyday use.



Optional Hartge Classic Wheels and Tyres – All Hartge wheel sets are fully 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 optional BMW equipment, and of course with all Hartge options. Hartge wheels sets come Continental or optional Pirelli high performance tyres.

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Carbon Fibre Mirror Covers – A pair of Hartge carbon fibre mirror covers is now available for the new X5, giving it an exclusive edge and dashing looks.



Interior Accessories – Interior detailing, including aluminium alloy pedals, footrests, handbrake levers and gear lever knobs, and optional bespoke carbon fibre trims complete any conversion to the tastes of the individual.



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