

BMW Performance Tunes from Autologic®



autologic®
Independent
Vehicle
Diagnostics

Performance
tunes are available
for BMWs up to
2007 MY.

"A recent upgrade carried out on a BMW 530D 2004 E60, showed an increase of 30bhp. The maximum torque increased by 35lb/ft to 405lb/ft. However, the largest gain was a staggering increase of 54lb/ft @ 3200rpm."

Mike Collen, Managing Director
Diaognos.co.uk Ltd.



Like all Autologic software, the Power Upgrade is available for downloading from the website, and users simply run it on their existing Autologic for BMW platform. The benefits are evident: more power, more engine flexibility and increased fuel efficiency; an attractive combination. Petrol upgrades show more torque, smoother throttle response and speed limiter removal.

Current BMW range

By vehicle type

- 1 series E81
- 3 series E36 / E46 / E90
- 5 series E39 / E60
- 6 series E63 / E64
- 7 series E38 / E65 / E66
- 8 series E31
- X series E53 / E83
- Z series E52 / E85
- Mini R50 / R52 / R53

By ECM

- MS42 / MS43
- DME 5.2 / DME 5.2.1
- DME 7.2
- ME 9.2 / ME 9.2.1
- MS S54
- EMS2000
- DDE 3 / DDE 4 / DDE 5 / DDE 6

Performance tuning

Diaognos has developed tunes for all of the control units listed above. There are however hundreds of variations for each control unit and vehicle. It is necessary therefore, for you to diagnose the vehicle with Autologic and determine whether or not

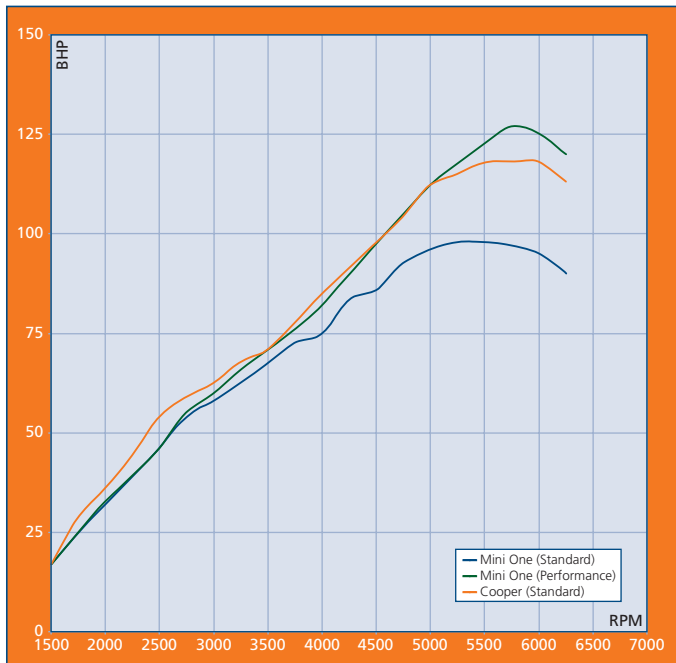
- 1. A performance tune exists for the current level of ECU software**
- 2. Diaognos are required to develop a Performance Tune for this variation**

If a tune does not exist, you will be required to send specific data about the control unit to diaognos. New Performance Tunes can be written and uploaded to the diaognos.co.uk website usually within 24 hours.

Performance graphs

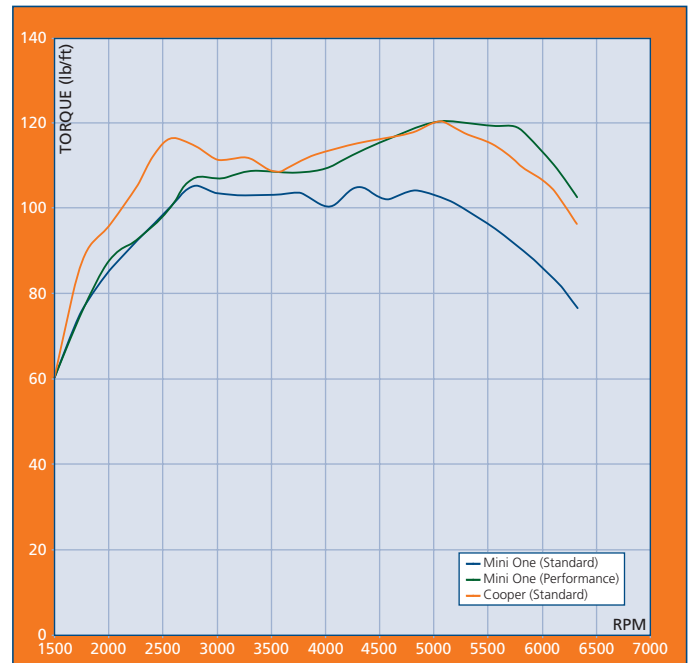
Mini One

Cooper Performance from a Mini One



POWER

Standard Max Power 98bhp
Autologic® Max Power 127bhp
Maximum Increase 30bhp @ 3750rpm
Mini Cooper Standard Max Power 118bhp

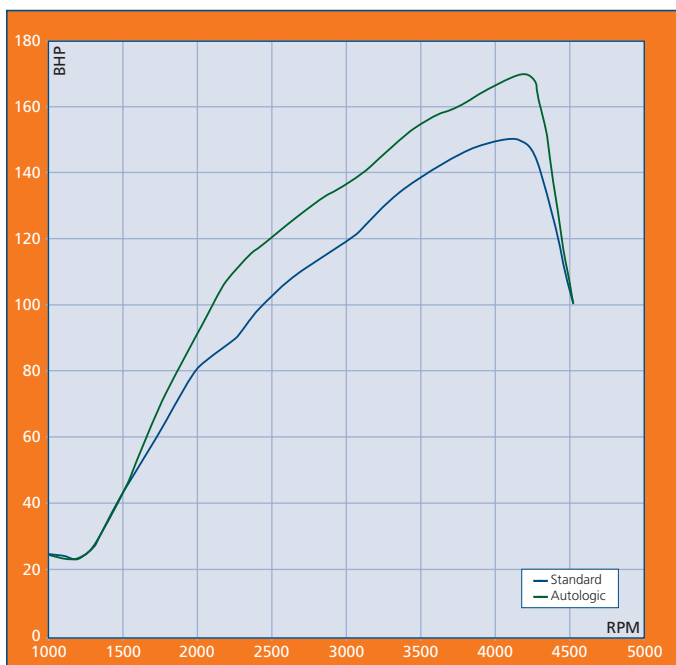


TORQUE

Standard Max Torque 104lb/ft
Autologic® Max Torque 118lb/ft
Maximum Increase 26lb/ft @ 6000rpm
Mini Cooper Standard Max Torque 118 lb/ft

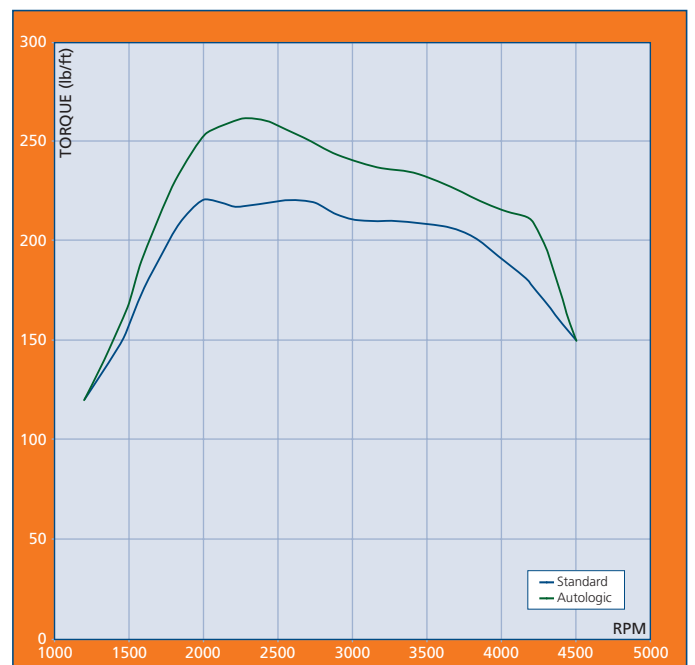
BMW E46 320D

More Torque / Smoother Power Delivery / Faster Throttle Response



POWER

Standard Max Power 149bhp
Autologic® Max Power 165bhp
Maximum Increase 21bhp @ 2250rpm

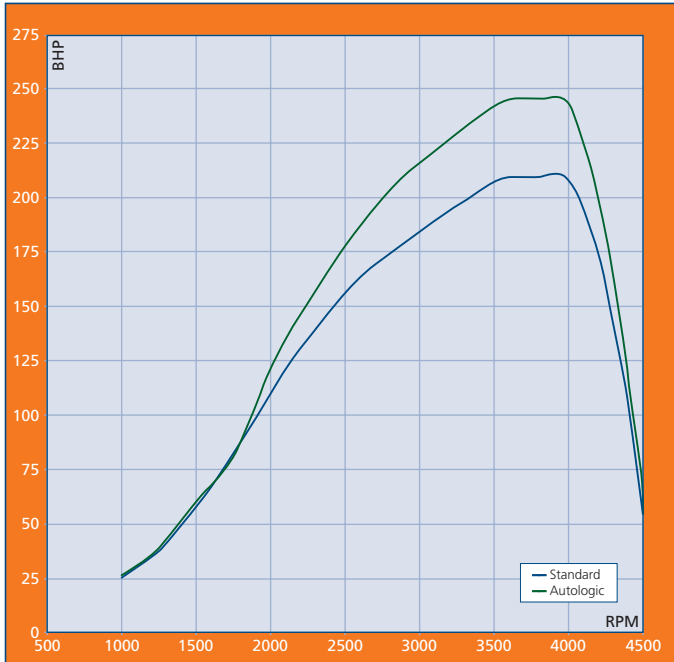


TORQUE

Standard Max Torque 218lb/ft @ 2719rpm
Autologic® Max Torque 258lb/ft @ 2439rpm
Maximum Increase 43lb/ft @ 2250rpm

BMW 330D (E46)

More Torque / Awesome Acceleration / Fuel Efficiency / Sharper Throttle Response

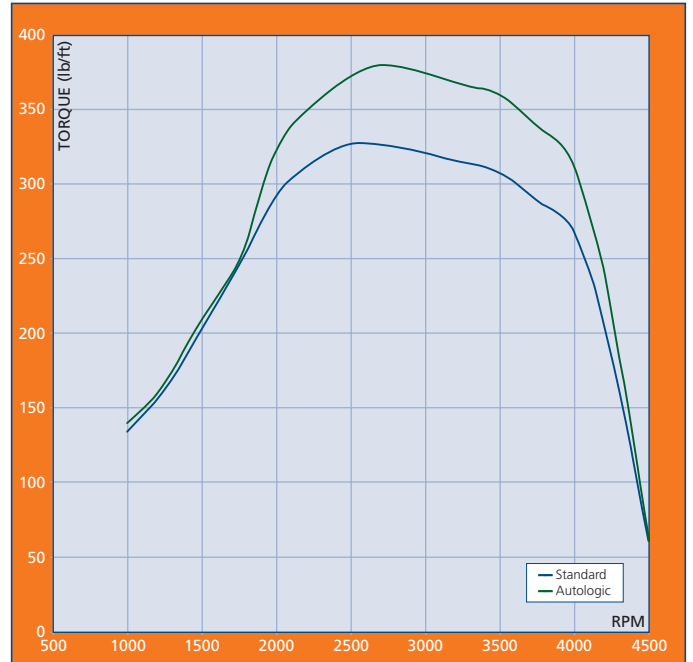


POWER

Standard Max Power 208bhp

Autologic® Max Power 243bhp

Maximum Increase 37bhp @ 3750rpm



TORQUE

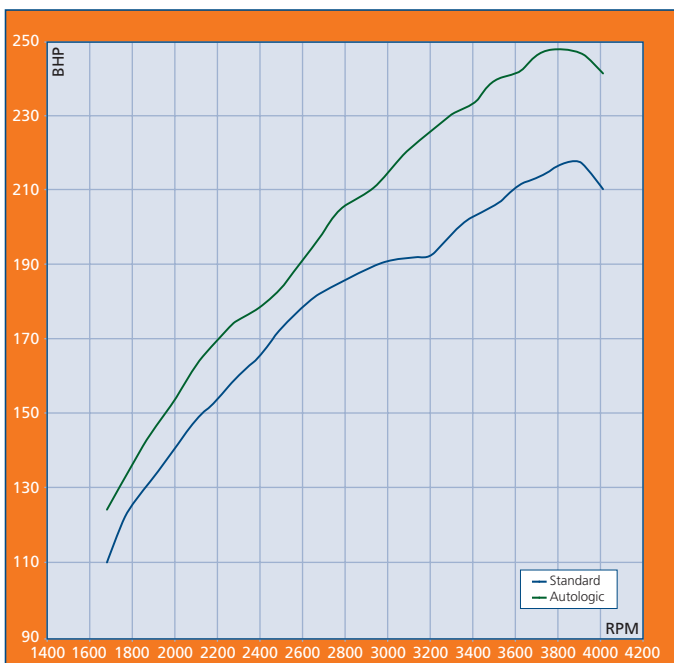
Standard Max Torque 329lb/ft

Autologic® Max Torque 383lb/ft

Maximum Increase 54lb/ft @ 2750rpm

BMW 530D (E60 / E61)

More Mid to High end Torque / Fuel Efficiency / Sharper Throttle Response

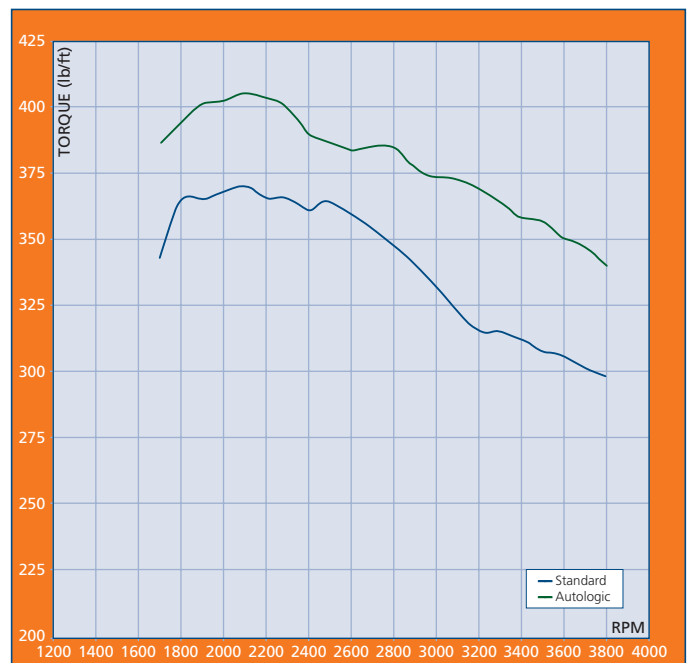


POWER

Standard Max Power 216bhp

Autologic® Max Power 246bhp

Maximum Increase 33bhp @ 3500rpm



TORQUE

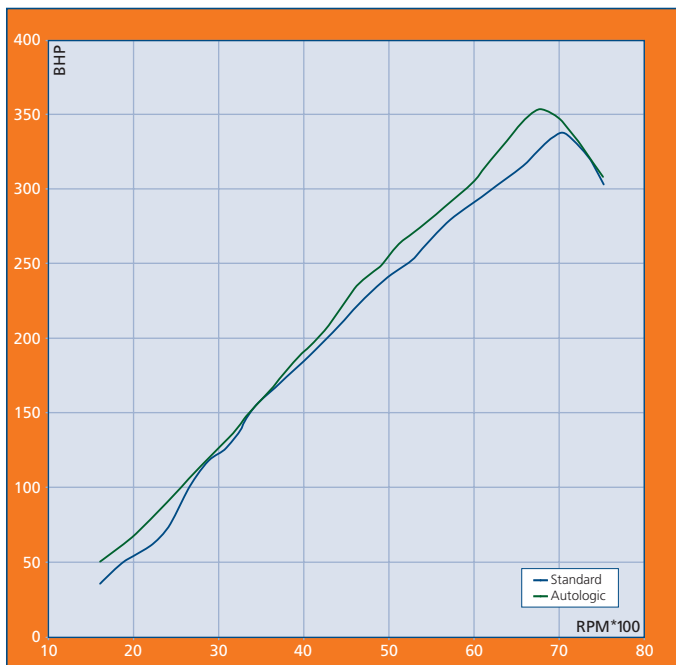
Standard Max Torque 370lb/ft

Autologic® Max Torque 405lb/ft

Maximum Increase 54lb/ft @ 3500rpm

BMW M3 E46 3.2L 6CYL

More Torque / Smoother Power Delivery / Faster Throttle Response

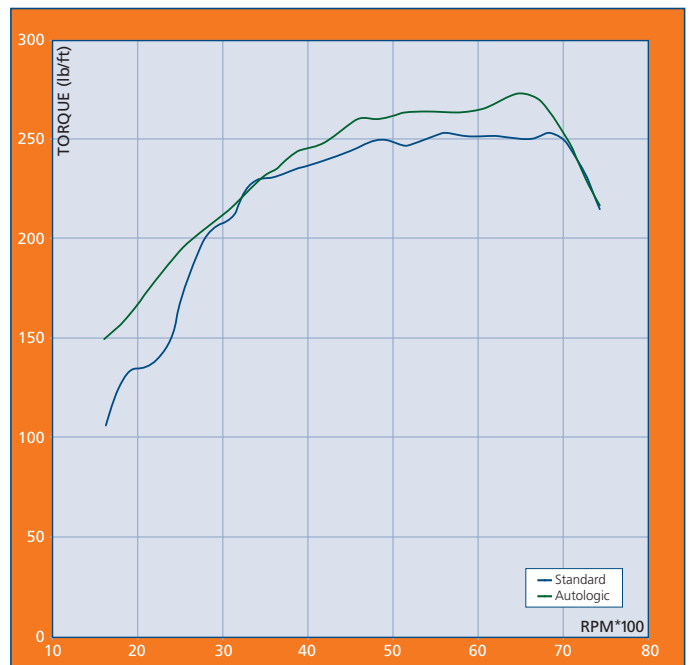


POWER

Standard Max Power 340bhp

Autologic® Max Power 350bhp

Maximum Increase 29bhp @ 6750rpm



TORQUE

Standard Max Torque 253lb/ft @ 6500rpm

Autologic® Max Torque 275lb/ft @ 6500rpm

Maximum Increase 42lb/ft @ 2500rpm

Agent's contact details:

