

## PERFORMANCE REMAPPING



**Our Performance Remap results in better engine response and increases torque and power by up to 30%.**

Throttle response is improved and rev range is enhanced. Power delivery also tends to be smoother providing you with both a more enjoyable drive and easier overtaking.

## EXAMPLE GAINS



**Renault Clio 1.5 Dci**  
(106 bhp)  
+ 24 bhp / 60 nm torque



**VW GOLF 1.6 TD** (105 bhp)  
+ 30 bhp / 70 nm torque

**VW GOLF 2.0 TD** (136 bhp)  
+ 40 bhp / 70 nm torque

**Vauxhall/Opel Astra**  
**2.0 CDTi** (160 bhp)  
+ 40 bhp / 75 nm torque



**AUDI A4 1.8 TFSI** (120 bhp)  
+ 45 bhp / 75 nm torque

**AUDI A4 2.0 TD** (143 bhp)  
+ 37 bhp / 80 nm torque



**Land Rover Freelander 2.2 TD**  
(160 bhp)  
+ 30 bhp / 57 nm torque



**BMW E90 320d** (177 bhp)  
+ 35 bhp / 60 nm torque

**BMW E90 330d** (231 bhp)  
+ 60 bhp / 120 nm torque

## ECONOMY REMAPPING



**Our Economy Remap re-profiles the engine's torque limits which, during normal driving, results in a lower carbon footprint and fuel savings of up to 15%.**

Ideal for small to large vehicle fleets and private owners looking to reduce their fuel costs.

## ECONOMY GAINS

### Example 1. Your current average fuel consumption at 35 MPG

Miles per annum	8,000	10,000	15,000	20,000	25,000	30,000	50,000
Unleaded fuel cost per year*	£1,134	£1,417	£2,126	£2,835	£3,543	£4,252	£7,087
Diesel fuel cost per year*	£1,206	£1,508	£2,262	£3,016	£3,770	£4,524	£7,540
<b>Total unleaded savings per year*</b>	<b>£170</b>	<b>£213</b>	<b>£319</b>	<b>£425</b>	<b>£531</b>	<b>£638</b>	<b>£1,063</b>
<b>Total diesel savings per year*</b>	<b>£181</b>	<b>£226</b>	<b>£339</b>	<b>£452</b>	<b>£566</b>	<b>£679</b>	<b>£1,131</b>

### Example 2. Your current average fuel consumption at 30 MPG

Miles per annum	8,000	10,000	15,000	20,000	25,000	30,000	50,000
Unleaded fuel cost per year*	£1,323	£1,654	£2,480	£3,307	£4,134	£4,961	£8,268
Diesel fuel cost per year*	£1,407	£1,759	£2,639	£3,519	£4,398	£5,278	£8,797
<b>Total unleaded savings per year*</b>	<b>£198</b>	<b>£248</b>	<b>£372</b>	<b>£496</b>	<b>£620</b>	<b>£744</b>	<b>£1,240</b>
<b>Total diesel savings per year*</b>	<b>£211</b>	<b>£264</b>	<b>£396</b>	<b>£528</b>	<b>£660</b>	<b>£792</b>	<b>£1,320</b>

\*Calculated upon 4.54609 litres per gallon and at average UK fuel costs as of January 2015. Source: AA Public Affairs Fuel Price Report

\*Savings in GBP rounded to nearest pound and calculated upon Topgear Tuning economy remap forecast of 15%. Results vary subject to engine type and driver behaviour

For more information or to find your nearest Topgear Tuning dealer, visit

[www.topgear-tuning.com](http://www.topgear-tuning.com)

## WHAT IS ECU REMAPPING?

The ECU (Engine Control Unit) is a small computer which runs the engine and manages ignition timing, air/fuel mixture and torque/power characteristics.

These variables are displayed as a 'map' and our advanced remapping process successfully modifies standard manufacturer settings to achieve greater precision and efficiency for your vehicle.



## ABOUT TOPGEAR TUNING



Topgear Tuning is at the forefront of the Remapping Industry, having remapped over 20,000 vehicles to date. We use and supply state of the art equipment, with continuous software development, to provide quality, fully warranted ECU remaps to our current network of over 270 centres across the UK.

Remapping is a growth market driven by increasing consumer demand and recognition of published gains for both engine performance and fuel economy.

So, why don't car makers fine-tune their own ECU's? Well, large manufacturers sell vehicles across various markets that have extreme climates, different tax/emission regulations and diverse fuel quality, so they are forced to make substantial compromises in their tuning set-up. However, without facing such restrictions, Topgear Tuning is more precise; we can safely optimise outputs, thus unlocking engine potential.

Your nearest Topgear Tuning Dealer:

# TOPGEAR TUNING

UNLOCKING ENGINE POTENTIAL

## ECU Remapping

For Performance  
and Economy



**IMPROVED FUEL ECONOMY** - by up to **15%**

**INCREASED PERFORMANCE** - by up to **30%**

**ENHANCED THROTTLE RESPONSE**

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