

KEEP IT IN THE FAMILY

Dennis and Catherine Read share a passion and that is their cars. Although not quite fanatical they do enjoy a quality vehicle that is value for money and returns good service, economy and performance. Their latest vehicles are in their opinion the epitome of this.

The couple cover over 40,000 miles per annum between them through a combination of motorway and urban. Over the years Dennis has developed a keen eye for aftermarket accessories that improve all aspects of driving. If there is a fuel additive, accessory or trick Dennis has likely tried and tested it as much as any journalist.

In 2007 the contemporary thinking pair both set their sights on Tunit as a solution to provide better performance and economy. Since then they have visited a Tunit Dealer with nine consecutive vehicles and through a combination of upgrade and part/exchange enhanced the performance and economy of each one.

The latest additions to the Read family are a VW Passat estate and VW Beetle, sharing the same 2.0 140bhp engine, which arrived back at Tunit Head Office 19th June after being installed initially in February.

The Passat was first placed on the Dyno after a brief health check. The Tunit was temporarily disconnected (which is one of the benefits of the versatile product) to show a standard run. The Beetle has permanent Traction control engaged which meant unfortunately no Dyno run.

As you can see from the graph, the car healthily performed above standard, giving a tremendous 153.3BHP in standard above the manufacturers 140bhp and 251lbs/ft of torque as opposed to the manufacturers 236lbs/ft. The graph showed a good improvement however the power and torque of the standard vehicle peaked to a plateau at 3500rpm and then dropped off completely just after 4500 rpm. Unfortunately typical of most manufactures diesel engines providing a narrow useable Torque band.

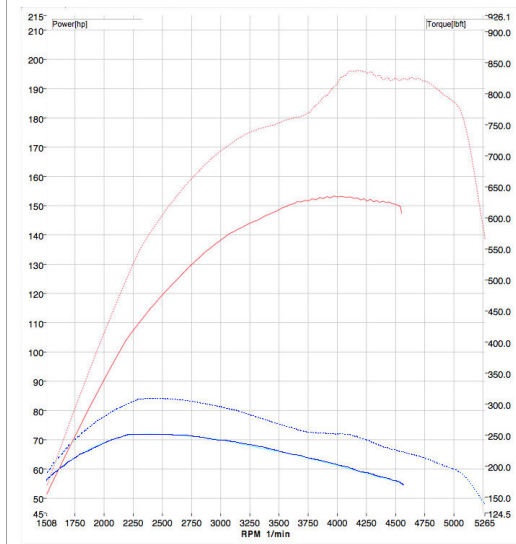


**" with a Tunit you
are in a higher gear
everywhere you go"**

VW Passat

Before 153.3 BHP / 3974 1/min (95 mph) 251.7 lbf / 2395 1/min

After 196.3 BHP / 4171 1/min (100mph) 308.7 lbf / 2468 1/min



TUNING STATS

AFTER TUNIT INSTALLATION
& LAPTOP TUNE

ORIGINAL HORSEPOWER: 153BHP

196 BHP

ORIGINAL TORQUE: 251 IBS/FT

308 IBS/FT



The Tunit was refitted in less than 5 minutes and another run was commenced on the Dyno. After a 5 minute roar of the rollers transferring calculations and the powerful fan simulating 90mph wind speeds a calculation of Torque and Power appeared. Tunit can alter settings to create improved curves and performance in required areas but in this case it was decided to leave it as it was fitted in February to give a true result of 3 months driving. The performance shown was remarkable showing 196.3 BHP and 308.7 lbs/ft of torque. ... a very respectable 30% increase. It is not all about Power though, is the message that Tunit give. Looking at the graph, both Power and Torque come in much earlier in the RPM range. This provides more useable power for a much longer length of time meaning gear changes are more efficient helping economy. Quite interesting is the increase in performance after Tuning at 4000rpm where the standard vehicle loses power.

Charts and figures are all very good but the truth is in the trying, so what did Dennis and Catherine think?

The praise was rather endless for the post tuned vehicles, however in brief fuel economy was increased 15% to 19% across combined use, the drive was smoother and performance was impressive.

A few choice quotes from the drivers in questions were "with a Tunit you are in a higher gear everywhere you go", "My insurance is unchanged due to Tunit not being a chip or map", "Super clean performance means smooth overtaking"

A few facts to ponder.

1. Over £6,500.00 has been saved in Fuel costs over 8 years.
2. According to Tunit a 27% reduction in emissions means over a 12 Tonne reduction in pollutants over 8 years.

**Prices range from £179.00+vat.
Finance options available.**

**You can receive any advice off the
friendly people at Tunit:
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