

# MASERATI QUATTROPORTE DIESEL TUNED TO 333 BHP



**T**he Maserati name signifies a certain sporting intent and even with an unconventional diesel engine, their newest executive saloon is no exception. Tunit Diesel performance are the first tuning company in the UK to give the diesel powered Maserati Quattroporte even more of what makes it a fantastic sports saloon.

Plug in engine tuning has been around for over 10 years. There are many variations to choose from but, as with most things, you do get what you pay for. Unique software is what set Tunit apart as each unit is loaded with bespoke settings written specifically for each engine to get the best performance gains without exceeding the safety parameters of the vehicles own ECU. Unlike remapping or chip tuning, a Tunit 'plug and play' system means that no settings are altered or removed and the vehicle cannot operate outside of what the manufacture installed settings say is safe. It is the easiest and safest method of enhancing the power, performance and fuel economy of any diesel engine.

But when does a diesel engine become appropriate for an Italian sports car? Well when it is put into a high class luxury

saloon. Arguments that Maserati is diluting its brand by introducing a selection of diesel engines to its collection are easily dismissed when you actually sit behind the wheel and experience what an excellent job they have done to keep the Quattroporte feeling sharp and sporty. The all new engine is one of this cars more significant features. The torque it puts out carries the 4 seat executive cruiser to incredible speeds on a huge wave of power. Adding more torque to the equation with a Tunit system only makes the experience better. Brake-horsepower is enhanced from 271bhp to 333bhp but torque is what this car does best. For any heavy luxury saloon car, torque is the feature component of any engine to help carry the extra weight up to speed and make the whole car as responsive and fun as a sporty coupe. Tunit increased torque in the Quattroporte from 440lbs/ft to a massive 535lbs/ft. The way it is delivered is also altered as usable power was only available from 1,900rpm previously. Tunit significantly reduces Flat spots and diesel lag making the smallest push of the accelerator give immediate pickup.

The Quattroporte becomes much more direct and it keeps pushing out huge amounts of power beyond 6,000rpm where it would run out of power in standard settings

and can keep climbing another 1,000rpm before needing to change up. Tunit gives savage acceleration from 1,200rpm before a huge boost from the twin turbochargers keeps pushing right up to the top of the rev range. The enhancements Tunit makes to how power is delivered complement the already powerful and smooth nature of the car and even make it perform closer to its petrol equivalents. There is almost no compromise on performance, even with diesel. Other heavy diesel saloon cars like the Mercedes S-class or the Jag XF simply don't have the drama and feeling of the Quattroporte and with a tuned diesel engine, it doesn't force a compromise on power, Luxury or prestige. It even sounds the way you expect a Maserati to sound thanks to its active exhausts emulating a fiery V8.

The Software on Tunit is continually updated to work with new engines. To get these great results, the first challenge for Tunit was to develop software to work in tandem with the VM Motori 3.0 litre bi-turbo V6. As well as newly developed software, Tunit also brought its newest and most advanced

## TUNING STATS AFTER TUNIT INSTALLATION & LAPTOP TUNE

ORIGINAL HORSEPOWER: 271 BHP

**333** BHP

ORIGINAL TORQUE: 440 IBS/FT

**535** IBS/FT



hardware to bear in the Tunit Advantage 2 with RedBoard technology. New RedBoard internal hardware is available as standard in all Tunit Advantage 2 systems. The updated board ensures compatibility and safe operation with engines manufactured from 2015 onwards and makes them able to process faster, more efficiently and with improved reliability. This is the most advanced Tunit system to date and gives the very best boost in performance and fuel economy.

When you can have a comparable performance to the petrol models with Tunit, the focus then turns back to why Maserati offer a diesel engine in the first place. Fuel economy. Average miles-per gallon for the V6 is considerably higher than the 4.4 litre V8 petrol versions at around 45mpg. The diesel Quattroporte doesn't feel like a mere business extension to the range but rather an alternative and modern approach to performance executive saloons that have a place in the real world. Having the highest fuel efficiency possible is more important than how quickly this car could theoretically go round a track. Tunit manages electrical

signals from the vehicles ECU and allows a more efficient approach to fuelling so it can add an average of 12% higher fuel economy to any engine. This means that Tunit saves around £220 per year in diesel for an average 15,000 miles a year. Most of the time, the Quattroporte is a luxury saloon. Tunit gives the best fuel savings for everyday use and complements the massive power the car is capable of when you really want to explore its top speed. With the performance expected of a Maserati with Tunit and fuel savings that complement everyday use make a diesel engine in a powerful Italian sports saloon a perfect fit.

For more information and the specifics of what Tunit can do for your own diesel vehicle visit [www.tunit.com](http://www.tunit.com), email [info@tunit.com](mailto:info@tunit.com) or call 01257 274100.

