

MARINE ENGINE TUNING

Summer is here and now is the time to enjoy your boats and yachts!

This month we have decided to look at a relatively new subject – marine engine tuning. We want to introduce our readers to the potential of tuning their engine. Now boat lovers can get so much more out of their engines that it would be a shame not to explore the new opportunities.

Generally when diesel tuning is mentioned we think of car tuning, but in reality all diesel engines can be tuned. Marine diesel engines can benefit significantly from tuning in many respects, such as increased torque, better fuel economy and more power!

We know summer is the time boating and yachting fans want to make the most of their vessels, so we decided to give you some tips on marine tuning. If you want to improve your boat's ability to climb on to the 'plane' stay there and also benefit from greater acceleration and power, then diesel engine tuning is the way to go. One particularly good company which specialises in marine tuning is Tunit Diesel Performance. They offer new digital tuning systems, which

cover a wide range of diesel marine applications and work to extensively improve performance and to help you enjoy a more flexible and less restrictive engine. This process will give you improved maximum power and cruising speeds at wide open throttle.

Tuning your vessel can also come in handy when it comes to pulling skiers or just carrying more passengers on board, it will increase your torque therefore giving you better fuel economy, so you can get more enjoyment out of every tank.

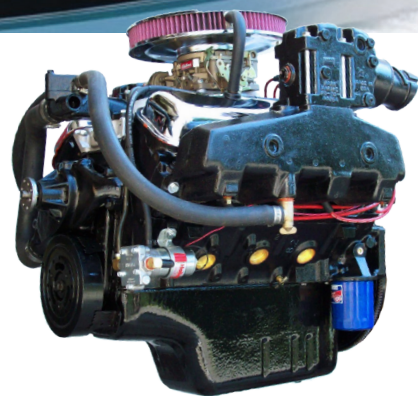
Another benefit is the fact that even if you are finding your current engine is struggling you wouldn't need to sell your beloved boat and get a new one, you could just tune the diesel engine and bring your vessel back to life with better performance, more economy and improved handling.

When looking at tuning your marine engine, stability and performance should be key as well as safety and reliability. If you are wondering how much time it takes to install the tuning system, well no time at all – it can be done in as little as 20 minutes as the Tunit comes pre-set to fit the particular engine model it is

being fitted to.

Tunit's systems are pre-programmed to deliver maximum performance for all diesel marine engines and because they are a simple plug in fit, you can install them within minutes and be out in the water enjoying the benefits of the tuning. Some people choose to install it themselves as it is such an easy product to fit.

For many years petrol dominated the power and leisure boat market due to the extra performance it offered over the diesel alternatives. However, the diesel inboard engine's popularity has grown over the years due to the fact that they are much more economical than their petrol alternatives.



The demand for diesel power ribs, speedboats and fast cruises has grown in recent years due to both the rising fuel costs and the research and development which has gone into Turbo Deisel engines. They are as compact and powerful as their petrol outboard and inboard counterparts.

Tunit Diesel Performance works with various inboard marine TDI engines from





various manufacturers such as Volvo Penta, Yanmar, Cummins, MerCruiser, and Baudouin to name a few.

Their experience with tuning engines from the VAG auto group enables them to offer tuning options for the range of marinised VAG engines that MerCruiser distributes for them ranging from their 1.9 TDI to the 3.0 and 4.2.

In terms of figures, they vary between the different engines, but for example if we take a Mercruiser QSB 5.9, we have two options either to install a Tunit V-CR or a Tunit V-CR Advantage (the new generation) and the results will be as follows:

Tunit V-CR – The BHP rises from 350bhp to 395bhp and

the Torque from 853ft/lbs to 970ft/lbs

Tunit V-CR Advantage – The BHP rises from 350bhp to 406bhp and the Torque from 853ft/lbs to 999ft/lbs

The Mercruiser range of engines is already well known for their reliability and performance. However, now you can realise their full potential and even extend it by tuning the diesel engine.

These are just some of the benefits you will experience, but most importantly your boat will feel like brand new again! After all what can be better than having some extra miles in fuel and making the most out of your boat in the summer days with your family? You will be able to pull

skiers more effectively, have more people on board and cruise much faster with better fuel economy and increased power and torque. The most obvious improvement will be the ability of the boat to get up on the plane much quicker. At the end of the day every boat owner will agree that owning a boat can be expensive. Fuel costs and engine maintenance are often the greatest ongoing expenses, so if there is a way to save yourself some money

and continue to enjoy the benefits of owning a boat, why not try it? The change will be realised immediately, both in performance, smoothness and economy.

We are a nation of boat lovers, so there is not time like the present to tune your vessel. Unleash the beast and be King of the Sea this summer!

MARINE ENGINE TUNING PUT TO THE TEST...

Marine Engine: Mercruiser QSB 5.9
Tunit Model: V-CR Advantage

350bhp	—————>	406bhp
853ft/lbs	—————>	999ft/lbs

Tunit V-CR Advantage

About Tunit

Tunit was founded 1998 with the purpose of offering the relatively new concept of "Diesel Performance Tuning". The company saw the disadvantages of existing tuning methods on the market and took the basic principle of enhancing an engine with adjustable, externally fitted systems, added unrivalled customer service, support and after sales and ensured that these values were upheld by its network of licensees and representatives.



- ▶ Improves Power & Torque
- ▶ 12% Better Fuel Economy
- ▶ 27% Reduced Emissions
- ▶ Nationwide Dealer or Self fit
- ▶ Aftersales Support
- ▶ 18 & 36 Month Payment Plans

For more information on how Tunit can benefit your vehicle please contact:

01257 274100 | INFO@TUNIT.COM | WWW.TUNIT.COM