

# HYDROGEN ENGINE CLEANING TAKES-OFF IN UK

*Scotland welcomes  
hydrogen  
cleaning company  
FlexFuel Energy  
Development  
and it seems the  
aftermarket space  
is taking note*



**T**his month FlexFuel Energy Development UK, FFED UK, the UK's leading

hydrogen engine cleaning company, announced that it has surpassed more than 150 partner garages in its first 12 months of operation.

FFED UK has been targeting the UK aftermarket space and independent garage owners. Earlier this year, it signed an agreement with Point S - part of the world's largest Independent Tyre and Autocare Group, which boasts over 133 members and 230 Points of Sale in the UK, to provide FFED UK's hydrogen engine cleaning solution, Hy-Carbon.

And it seems that the benefits of hydrogen cleaning are ringing true to the aftermarket space in Scotland. In the last few months, FFED UK has signed numerous garages in the country including Autotech Edinburgh Limited, Road Runner MoT and Service Centre in Carluke and Kinloss Garage in Inverness.

Chris Hendrie, owner at Autotech Edinburgh Limited - a specialist

workshop servicing the car modification and performance vehicle community as well as standard vehicle servicing provider said: "I have been using FlexFuel's Hy-Carbon 1000s machine for the last month and we have seen some excellent results to date. I had a couple of demonstrations on my vehicle and a relative's car - a RS4 and a Seat Leon.

"I was immediately impressed by the obvious increase in engine performance - there was a noticeable increase in power throughout the engine range. Additionally, over time the MPG on both vehicles has improved. "As a garage we had experience of competitive carbon/hydrogen cleaning machines which use additional chemicals and other chemical based cleaners. Hy-Carbon is certainly proving to be more effective. For other workshops - preferably ones that are not too close to me - I would definitely recommend Hy-Carbon from FlexFuel. In the first week alone, our turnover grew exponentially as a result of investing in Hy-Carbon, it is the most profitable machine in my workshop."

It is a similar picture in England, where FFED UK has been established for the past 12 months. Sham Rana, Director at Oxford based North Hinksey Garage, who took delivery of his Hy-Carbon 1000s machine commented: "As a business, Hy-Carbon has helped us increase our monthly turnover by 40%. For garages up and down the country who are looking for near on guaranteed incremental revenue generation then Hy-Carbon really is a silver bullet.

We sell it both at a curative level - so unblocking DPFs, addressing sticky EGRs and turbos for example, and we also sell it at a preventative level - so upselling the solution as part of our wider vehicle service offering. "Much like we are encouraged to visit the dentist every 12 months, we recommend having a Hy-Carbon treatment once every year to prevent the build-up of carbon on key engine components in the first place. Prevention, is definitely better than cure."

## How does Hy-Carbon work?

Hy-Carbon 1000s produces up to 650 certified litres of hydrogen per hour. And this is important.

The greater the concentration of hydrogen the better clean it will give the engine. Be aware, some hydrogen cleaning technology from other manufacturers produce significantly less hydrogen gas, meaning a less efficient clean. Additionally, there are no chemicals involved, no consumables, all it requires is deionised water. The Hy-Carbon machine fills up the entire combustion chamber with hydrogen gas by simply connecting to the air intake manifold and the gas breaks down carbon deposits in the valve chamber, intake and exhaust manifolds, EGR and DPF and the turbo. The hydrogen gas 'softens up' carbon and soot, and most importantly cleans the valve stems. By removing carbon deposits from key components results in better power, better fuel economy, reduced emissions and of course means that consumers avoid often expensive repair bills and replacement parts.

For more information:  
[www.flexfuel-company.co.uk](http://www.flexfuel-company.co.uk)

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