

Swindon Powertrain Monthly Newsletter

Engine Build & Test Dept

March 2021

General

A warm welcome to the March edition of the Swindon Powertrain company newsletter. With the recent government announcement regarding national lockdown easing, we are looking forward to when UK motorsport goes full throttle over the coming months.

In preparation for the start of the eagerly anticipated 2021 Season, we have been extremely busy working on several exciting internal combustion engine programmes, which cover both modern and historic racing series.

BTCC TOCA Engines



With the start of the 2021 BTCC Season merely a matter of weeks away, all departments here at Swindon Powertrain have been extremely busy manufacturing, assembling, dyno testing and signing-off engines prior to dispatching these to our esteemed BTCC customer teams.

This season sees us operating a combined fleet of 24 TOCA engines across 6 BTCC Teams and 18 cars/drivers.



Each TOCA engine is hand-built by one of our highly skilled engine technicians and takes in the order of 90 hours to build from constituent components to a fully running engine fit for final dynamometer testing.

The level of investment in the TOCA engine, coupled with the time that we take to assemble and fully test our engines, ultimately means that they perform at optimum performance throughout their 5,000 kms life cycle, prior to full engine rebuild.

We have been developing and building engines for the BTCC for many seasons and we take pride in the powertrain products that we produce.

Swindon Powertrain engines are built to win, pure and simple!

Other Powertrain Projects



Alongside the TOCA engine build programme we have been progressing several other engine projects which cover everything from historic racing engines, such as the Lancia Stratos engine (pictured left) through to endurance racing engines, both gasoline & diesel types.

With state-of-the-art component manufacturing, engine assembly and powertrain dynamometer testing facilities, it is fair to say that there is no engine project that we are not able to tackle.

Electrification Products



Running in parallel to our core ICE business, we have our expanding range of electrification products that are gaining recognition and are being purchased by OEMs & Niche Vehicle Manufacturers in addition to private individuals across the globe for a wide range of electrification projects.

To-date we have manufactured and assembled HPD E Powertrain & E-Transmissions Systems for projects such as classic vehicle electric conversions, industrial heavy-duty equipment, film set vehicles and even for eVTOL prototypes!

With new electrification products being added to the range throughout 2021, please do check out our website (SWIND) for more information or email us on info@swindonpowertrain.com