

## **Audi and Porsche selected Sogefi to supply oil filter module for their new top of the range V6 – V8 TFSI engine**

**Frankfurt (Automechanika), 13th September, 2016** – Audi and Porsche selected Sogefi to supply oil filter module for their new top of the range V6 – V8 TFSI engine. The OEMs joined forces to develop a new biturbo direct injection gasoline powertrain family, including V6 2.9l and V8 4.0l, that will make its debut in the brand new Porsche Panamera.

One particularity of those engines is the bi-turbochargers, located inside the 90-degree V of the cylinder banks. This particular architecture concentrates the exhaust gas channels in the inner side of the cylinder heads. This layout enables compact construction and short gas flow paths with minimal flow losses for a quicker and sportier engine response.

High performance engine deserves high performance oil filter. Mounted in the valley of the hot V and close to the turbochargers, with extremely high temperatures and tough operating conditions, Sogefi has achieved to use polyamide reinforced with fiberglass for the filter housing. The design has been particularly optimized to achieve extreme robustness and to be able to stand those difficult conditions.

This oil filter module has been designed by Sogefi for performance engines: with its full plastic body, it provides best in class performances and durability; it is also an ecological module: made of plastic, this filter is much lighter than aluminum oil filter modules and contributes to fuel economy. Moreover, recyclability is improved as only the filter element needs to be replaced during servicing. It can be therefore incinerated as it contains no metallic parts.

Moreover, usage of a new reinforced synthetic media offers the best results on efficiency, filter element life as well as mechanical stiffness in all extreme condition required by those high capacity petrol sport engines.

Finally, the module architecture helps to integrate functions on the system, like turbo oil feed connector, automatic drain valve for clean service...

Sogefi is continuing to be the first choice of Audi, sourcing also Sogefi for its new 4.0l V8 TDI engine which will power this year's Audi Q7 and A8, Porsche's Panamera and Cayenne and the VW Touareg. This creates positive, sustainable results and will benefit to the aftermarket customers using filters from Sogefi group in terms of vehicle performance, product quality, reliability and durability. Sogefi filters for Independent aftermarket will be identical to the original OE products and will be soon available for order.