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## **UFI MULTITUBE for the new Lamborghini Temerario**

- Further extension of UFI MULTITUBE range to Lamborghini's new hybrid supercar
- Patented tubular structure; innovative and stylish black filter media; geometric flexibility; improved filtration, weight, space, emissions and performance parameters
- In-house developed, space-optimised airbox positioned in the vehicle's wheel arch

Nogarole Rocca, 31 October 2024 - Leading filtration, thermal management and hydrogen mobility company, UFI Filters, has announced that its revolutionary engine air filter technology, MULTITUBE, is now fitted as original equipment in Lamborghini's new Temerario hybrid supercar.

The Temerario represents an important turning point for Lamborghini because it marks the abandonment of the historic V10 engine, which the car maker previously favoured over the unprecedented V8 engine, with its combination of two turbochargers and three electric motors.

The aspiration needs of such a refined machine require a technologically advanced engine air filtration system. The revolutionary UFI MULTITUBE airbox, developed by UFI Filters' researchers, was chosen as it fulfils all the required specifications.

Giorgio Girondi, Chairman of the UFI Group comments: "Temerario, Revuelto and Sián are just some of the examples of our partnership with Lamborghini. They demonstrate how the excellence of UFI technologies is chosen for the extreme performance of hypercars not only with traditional engines, but also with new hybrid engines. UFI Filters is ready for the future with solutions for all forms of mobility."

**UFI MULTITUBE** uses a patented tubular structure instead of the traditional, panel-type engine air filter. The special shape of the filtering media, made of 100% hydrophobic synthetic fibres, allows very high filtration performance of between 98.5 and 98.8%.

Other special features of MULTITUBE are its geometric flexibility and smaller filter dimensions. In fact, the cartridge structure allows the tubes to be placed in different positions; whether in parallel, in series or to suit the different geometries, diameters and lengths required by the vehicle manufacturer and filter location.

The second feature of MULTITUBE relates to the space it takes up, which is reduced by up to 50% compared to a conventional panel system, without affecting its filtration capabilities in any way. This in turn leads to a lighter filter, which is essential in high-performance cars such as the Lamborghini Temerario.



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A further important aspect of MULTITUBE is the geometric shapes formed by its tubes. These make it possible to optimise the fluid dynamics of the incoming air, whose linear passage through the structure decreases the car's drag.

The improved flow dynamics made it possible to position the engine air filter – which this time features a black filtering media for aesthetic reasons - in the wheel arch area of the Lamborghini Temerario; reinforcing the accurate aerodynamic study that concluded it is possible to obtain a very high vertical load, while dispensing with a large rear wing.

The air flow dynamics within MULTITUBE also minimise pressure and energy losses, guaranteeing an increase in heat engine power, while contributing to a reduction in fuel consumption and pollutant emissions.

UFI MULTITUBE also passed the DIN53438 test (ISO standard) which determines the degree of combustion of commercial materials, receiving the highest possible classification (F1).

UFI Filters' revolutionary UFI MULTITUBE engine air filter technology has enabled the company to meet installation requirements not only on ultra-high-performance cars, but also on city cars. This latest extension of the MULTITUBE family also shows the readiness of this innovation for hybrid supercars.

## UFI Filters:

Founded in 1971, UFI Filters is a global leader in filtration technology and thermal management solutions, as well as hydrogen filtration. It serves a wide range of sectors - from automotive, aerospace and marine, to specialised industrial and customised hydraulic applications. Renowned for its innovation, UFI's products and know-how are found in all kinds of vehicles - from Ferrari and other top F1 teams, to the European ExoMars spacecraft.

UFI supplies the full range of air, oil, fuel, cabin, hydraulic and coolant filters as well as thermal management systems (including heat exchangers for combustion, electric and hybrid vehicles) to the automotive sector, meeting the needs of nearly all car brands and motorcycles as well as commercial, heavy duty (on-road and off-road) and agricultural vehicles. In the OE market, UFI is a leading filtration provider. Each family of filters within the company's two Aftermarket brands, UFI and SOFIMA, covers 98% of the European car parc.

One of the first Italian companies to identify growth opportunities in the Far East, today UFI has 22 industrial sites and employs over 4,000 people in 21 countries. It employs over 250 specialised technicians in its 3 Innovation and Research Centres and holds more than 320 patents. As a research-driven company, it reinvests over 5% of its revenues in R&D.

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UFI MULTITUBE for Lamborghini Temerario Images attached:

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