

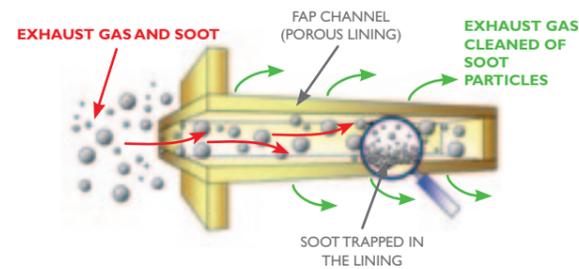
THE PARTICLE FILTER: TECHNOLOGY AT THE SERVICE OF THE ENVIRONMENT

The particle filter (FAP) is an additional component of the exhaust line, which serves to **trap the carbon particles present in exhaust gas**. This helps to **eliminate the black smoke** emitted by diesel engines.

In the long term, residues from the combustion of soot trapped in the particulate filter cause clogging, which directly affects the performance of your engine.

The FAP must be changed!

To limit the costs of this change while guaranteeing a performance which is equivalent to a new FAP, Iveco also offers customers a re-manufactured product.



IMPORTANT NOTES

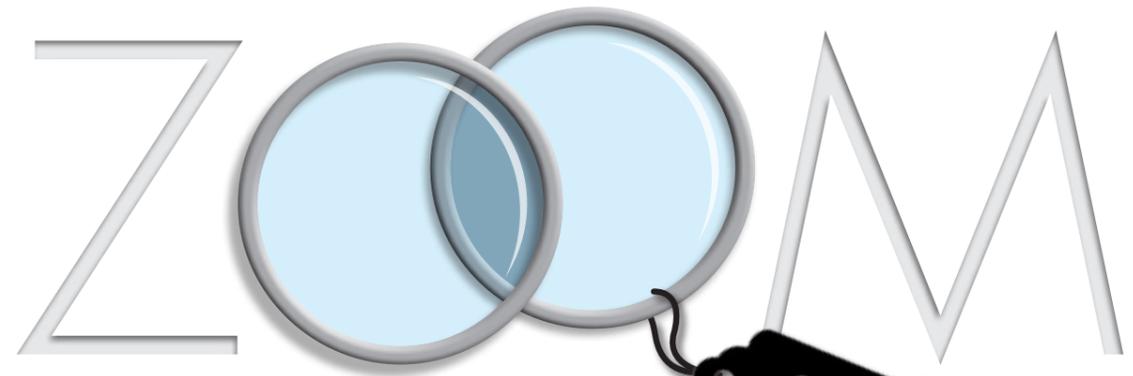
How to prepare your vehicle for MOT testing, and avoid issues with emissions diagnostics!

- ! Get your exhaust line components checked within the IVECO network.
- ! Drain regularly in accordance with the manufacturer's recommendations.
- ! Use a good quality oil and change your filters regularly.

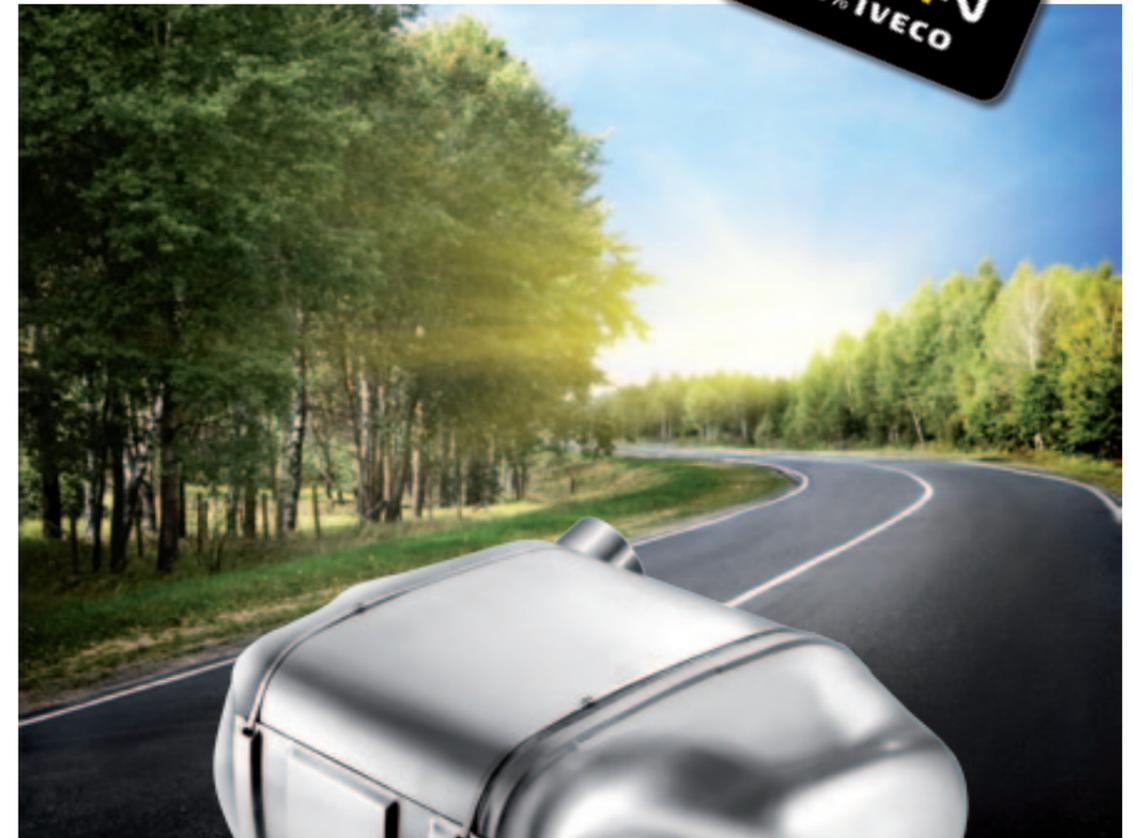
Remember that the Iveco original parts conform with MOT test regulations, and allow you to avoid follow-up inspections!



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IVECO MAKES THE DIFFERENCE.
LET'S SEE HOW.



IVECO ORIGINAL EXHAUST

LET YOUR VEHICLE BREATHE.

IVECO



THE EXHAUST IS AN ESSENTIAL ELEMENT FOR THE VEHICLE, THE ENVIRONMENT AND THE DRIVER.

The exhaust performs 3 main functions:

- ✓ **Eliminating exhaust gases while optimising engine performance:** power, torque, and above all consumption.
- ✓ **Protecting the environment,** limiting emissions of gaseous pollutants thanks to the chemical reaction in the catalytic converter, while reducing the temperature of combustion gases, which is close to 900°C at the engine outlet.
- ✓ **Guaranteeing acoustic comfort** by reducing internal and external noise from the explosions that accompany the engine cycle.



THE TWO FUNDAMENTAL COMPONENTS OF THE EXHAUST ARE THE SILENCER AND THE CATALYTIC CONVERTER.

THE SILENCER reduces the noise emitted through the production of exhaust gases. This is now a chamber which is intersected by a perforated tube, wrapped in rockwool which acts as acoustic insulation.



THE CATALYTIC CONVERTER reduces polluting gases that are not burned by the exhaust (carbon monoxide, hydrocarbons and nitrogen oxides). On contact with precious metals, a chemical reaction limits emissions of toxic gases.



Did you know?

On short journeys, the condensation produced on start-up is not eliminated. The catalytic converter is thus filled with water containing acid, which attacks the interior lining.

Due to external conditions, the outer shell of the exhaust is splashed with water, mud and salt, resulting in oxidation.

Damage to the engine support or the rubber on exhaust fastenings can cause premature wear.



WHY CHOOSE AN IVECO SILENCER AND CATALYTIC CONVERTER?

- 1** For the quality of materials, such as high-thickness stainless steel which is more resistant to rust and heat.
- 2** For better sound comfort and improved environmental performance through an acoustic layout which is optimized for each vehicle.
- 3** For optimal and sustainable environmental performance, thanks to a strong presence of precious metals in the components.
- 4** Because these parts are designed to meet the highest vehicle approval criteria, responding to strictest MOT requirements.

INCREASED LONGEVITY

NOISE REDUCTION

PROTECTION OF THE ENVIRONMENT

COMPLIANCE WITH STANDARDS

WHEN WE FIT A NEW COMPONENT TO YOUR EXHAUST LINE, WE ALSO INSTALL NEW MOUNTING ACCESSORIES.

THESE COMPONENTS GUARANTEE OPTIMAL PERFORMANCE AND LONGEVITY, WHILST LIMITING RISKS POSED BY VIBRATION AND BROKEN SEALS.

