

Maximum protection: MAHLE develops the Recovery Only Unit for safe refrigerant recovery

Stuttgart, 13 September 2016 – One of the highlights at the Automechanika 2016 stand of MAHLE Aftermarket GmbH in Hall 9 is the so-called Recovery Only Unit: a self-contained, light, and transportable device for recovering refrigerant. In line with the MAHLE motto “Powered by your needs”, repair shops are able to use this unique solution to remove substandard refrigerant efficiently, economically, and—above all—safely from the vehicle’s HVAC system.

The refrigerant R134a may no longer be used in new vehicles from 1 January 2017. The current alternative is the refrigerant R1234yf. Industry experts believe that the use of different refrigerants in a repair shop for existing and new vehicles can lead to the wrong product being used and therefore to contaminated refrigerant in vehicles. A gas analyser is able to accurately identify the refrigerant, but cannot provide protection for people and machines by itself. Particularly inflammable and explosive substances in substandard refrigerants pose a hazard. As a consequence, it is essential for the refrigerant to be recovered cleanly and, most importantly, safely from the cooling circuit.

Safest and fastest way to recover refrigerant

In keeping with its motto “Powered by your needs”, MAHLE Service Solutions looked into this issue in close collaboration with leading automobile manufacturers and devised a professional technical solution for the safe recovery of refrigerant. The new Recovery Only Unit is a self-contained, light, and transportable device for recovering refrigerant. It resembles a separate refrigerant circuit without electrical components, which is connected to an existing A/C service unit.

In contrast to conventional methods, the Recovery Only Unit from MAHLE offers a fast and, most notably, safe A/C service, in which the safety of people and materials is paramount. In addition, the actual repair or maintenance of the HVAC system can thus commence much

more quickly—within less than 45 minutes. This patent-pending solution, which is one of a kind worldwide, allows repair shops to recover refrigerant from the vehicle's HVAC system reliably, efficiently, and economically.

MAHLE will present the Recovery Only Unit to the industry for the first time at the Automechanika in Frankfurt. It is currently the safest and fastest method of refrigerant recovery.

About MAHLE

MAHLE is a leading international development partner and supplier to the automotive industry. With its products for combustion engines and their peripherals as well as solutions for electric vehicles, the group addresses all the crucial issues related to the powertrain and air conditioning technology—from engine systems and components to filtration to thermal management. In 2015, the group generated sales of approximately EUR 11.5 billion with around 76,000 employees and is represented in 34 countries with over 170 production locations.

About MAHLE Aftermarket

The MAHLE Aftermarket business unit is a global partner to repair shops and trade, offering first-rate service solutions for maintenance and service with its special equipment and spare parts in original equipment quality. MAHLE Aftermarket is represented at 22 locations worldwide, with 1,582 employees, and generated sales of EUR 835 million in 2015.

Find out more about MAHLE Aftermarket GmbH at www.mahle-aftermarket.com

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