

New Robinair A/C service units for simple and efficient A/C service

May 2017

PI 9678 AA Dr

Fully automatic service routines on air conditioning systems working with R134a and R1234yf refrigerants

- Easy operation and functional design
- Status notification via smartphone
- Refrigerant recovery rate of 99 percent in short time
- Connection with Bosch workshop software Connected Workshop is possible

Featuring additional functions and increased performance, the new Robinair AC1x34-7i, AC1234-7i and AC1234-8i A/C service units are well qualified for efficient maintenance and repair tasks on passenger-car and commercial-vehicle air conditioning systems working with R134a and R1234yf refrigerants.

Including all functions for maintenance and repair tasks, they optimize and ease workflows at workshops thus increasing their economy. The new A/C service units work fully automatically. The innovative graphic user interface with a 7-inch color display supports the workshop employee concerning both operation and monitoring. In addition, the display also provides instructions on service preparation tasks and maintenance procedures. Via smartphone app, the user can also check the device status and the work progress in real time and remotely – e.g. from another work station. As the new design based on user experiences eases the access to the interior components, the maintenance of the new A/C service units is very simple too. The new devices meet all of the vehicle manufacturers' international standards for a more environmentally friendly handling of both of the refrigerants.

More power for faster and more efficient A/C servicing

Besides eased handling, the developers of the new Robinair series of A/C service units also increased the performance of the AC1x34-7i, AC1234-7i and AC1234-8i devices in comparison with their predecessors. Releasing non-condensed gases, for instance, is now controlled electronically reducing the risk of refrigerant loss. The new devices recover 99 percent of the refrigerant from the vehicle in shorter

time thanks to exclusive “Deep recovery” function. Electronic pressure and temperature controls ensure a premium level of precision at the refrigerant filling. A two-stage vacuum pump with a flow rate of 170 liters per minute allows quick and efficient maintenance assuring dehydration before re-charging – even for rather big air conditioning systems used in light commercial vehicles (LCVs) and trucks. An independent and hermetically sealed fresh-oil injection system prevents cross contamination of different oils. The new A/C service units are perfectly suitable for both vehicles with combustion engines and those ones powered by electric drives. At the top model Robinair AC1234-8i, a refrigerant detection system also checks the degree of purity of the R1234yf refrigerant.

The new Robinair AC1x34-7i, AC1234-7i and AC1234-8i A/C service units are equipped with a vehicle database and user-friendly software which can be connected with the Bosch workshop software Connected Workshop or the ASA network respectively. This allows quick exchange of data between A/C service units and workshop software. The integrated printer creates a comprehensive report thus generating a transparent overview of the maintenance results for both operators and workshop customers.

Press photo: #1082292, #1082293, #1082294

Contact person for press inquiries:

Heiderose Dreiner

Phone: +49 721 942-3145

As of December 2012, Robinair became a Bosch brand and was integrated into the Automotive Service Solutions Business Unit of the Bosch Automotive Aftermarket Business Division. Bosch Automotive Service Solutions is a major manufacturer and supplier of professional vehicle electronic diagnostic equipment and offers a wide range of servicing tools and equipment with various manufacturing facilities. Robinair is the leading high quality brand in automotive AC equipment and tools.

For more information on Robinair, visit www.robinair.com.

The Automotive Aftermarket division (AA) provides the aftermarket and repair shops worldwide with a complete range of diagnostic and repair shop equipment and a wide range of spare parts – from new and exchange parts to repair solutions – for passenger cars and commercial vehicles. Its product portfolio includes products made as Bosch original equipment, as well as aftermarket products and services developed and manufactured in-house. About 18,000 associates in 150 countries, as well as a global logistics network, ensure that some 650,000 different spare parts reach customers quickly and on time. In its “Automotive Service Solutions” operations, AA supplies testing and repair-shop technology, diagnostic software, service training, and information services. In addition, the division is responsible for the “Bosch Service” repair-shop franchise, one of the world’s largest independent chains of repair-shops, with some 17,000 workshops. In addition, AA is responsible for more than 1,000 “AutoCrew” partners.

Additional information can be accessed at www.bosch-automotive-aftermarket.com

The Bosch Group is a leading global supplier of technology and services. It employs roughly 390,000 associates worldwide (as of December 31, 2016). The company generated sales of 73.1 billion euros in 2016. Its operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading IoT company, Bosch offers innovative solutions for smart homes, smart cities, connected mobility, and connected industry. It uses its expertise in sensor technology, software, and services, as well as its own IoT cloud, to offer its customers connected, cross-domain solutions from a single source. The Bosch Group's strategic objective is to create solutions for a connected life, and to improve quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is "Invented for life." The Bosch Group comprises Robert Bosch GmbH and its roughly 440 subsidiaries and regional companies in some 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. The basis for the company's future growth is its innovative strength. At 120 locations across the globe, Bosch employs 59,000 associates in research and development.

Additional information is available online at www.bosch.com, www.iot.bosch.com, www.bosch-presse.com, [www.twitter.com/BoschPresse](https://twitter.com/BoschPresse).