

Press release

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Wellness for Automatic Transmission

- MAHLE sets new standards with its transmission oil service device ATX 280
- ATX 280 is more environmentally friendly and low-cost than competitor models
- Intuitive user guidance makes operation easy and safe
- Connectivity enables continuous updates, remote maintenance, and integration into digital workshop concepts
- ATX 280 is available now

The performance and efficiency of automatic transmissions can only be guaranteed through proper maintenance. MAHLE Aftermarket now makes transmission oil service for automatic transmissions even easier and safer. With the ATX 280, the automotive supplier is launching a new oil service device that sets a new standard for independent workshops. The most important advantages of the ATX 280 include dynamic oil exchange and the “zero cross” concept, which keeps different oil types from mixing with each other. The MAHLE device thus outperforms other competitor models in terms of environmental friendliness and costs. It is also set apart by its intuitive user guidance and connectivity. In this way, the ATX 280’s database is updated constantly. It can also be integrated smoothly into digital workshop concepts and is capable of remote maintenance. The MAHLE ATX 280 is available now.

“The proportion of vehicles with automatic transmissions is increasing constantly. The expansion of solutions for transmission oil service is the basis for independent workshops to use this trend to build a new business field,” said Olaf Henning, Member of the MAHLE Management Committee and Head of the Aftermarket business unit.

The MAHLE ATX 280 works according to the principle of dynamic flushing. In contrast to static flushing, the used oil is pushed along and displaced ahead of the inflowing new oil during the flushing process. This ensures that less flushing oil is required, shortens the flushing process to about ten minutes, and improves the cleaning effect with a high replacement rate of about 95%.

At the same time, ATX 280 works with absolute precision. Additives are added via a load cell. Perfect dosing is thus guaranteed, in contrast to conventional methods in which the additives are added through a time-controlled process. This results in maximum performance and efficiency even in complex dual clutch transmissions. The ATX 280 also takes the recorded residual oil quantities into account so that these cannot be distorted by adhesions to the oil pan.

The ATX 280 is connected through Wi-Fi and Bluetooth. This means the internal vehicle database is always kept up-to-date. The device can also be connected to a network printer to print out maintenance logs. For this, the made-to-order maintenance logs are resistant to aging and can be archived — in contrast to the thermal printers often used today. The maintenance report can also be sent directly to customers by e-mail on request. The ATX 280 is also fully capable of remote maintenance. If access is required for maintenance purposes, the workshop authorizes this through a PIN generated for this purpose. Thus, despite the network connection, a high level of data security is guaranteed.

MAHLE is constantly improving the standards of transmission service. With the “zero cross” concept, a special cleaning process is used in the ATX 280 when it needs to switch from one oil type to another. After swapping out the easily exchangeable oil container, the device performs a fully automatic cleaning of the lines, valves and hoses. This guarantees that the old and new oil do not get mixed during the filling process.

During the transmission oil service, all process steps are displayed on a clearly laid out touch screen in a photo-realistic and comprehensible way — and for every vehicle type. The contents of the monitor can also be mirrored on a smartphone. That is especially helpful when, for example, different switching stages have to be used during the maintenance process. This can be done conveniently from inside the car.



MAHLE Wellness for automatic transmission: The MAHLE ATX 280.



The comparison between the old and new filter shows how necessary an oil change is.



The ATX 280 suggests the appropriate filter. This saves time and provides perfect service.



The photo-realistic user guidance enables intuitive operation.

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About MAHLE

MAHLE is a leading international development partner and supplier to the automotive industry. Today, the technology group is broadly positioned in the areas of powertrain technology and thermal management, with a clear focus on the future-oriented topic of mobility. MAHLE is working both on the intelligent combustion engine for the use of hydrogen and other nonfossil fuels, as well as on technologies that will help fuel cells and e-mobility achieve broad acceptance in the markets. The product portfolio of the company, founded in 1920, covers all important areas of powertrains and air conditioning technology. Today, one in every two vehicles globally is equipped with MAHLE components. #weshapefuturemobility

MAHLE generated sales of around EUR 11 billion in 2021 and is represented in more than 30 countries, with over 71,000 employees at 160 production locations and 12 major research and development centers. (Last revised: 12/31/2021)

About MAHLE Aftermarket

MAHLE Aftermarket, the business unit specializing in spare parts, uses the expertise from original equipment series production for its product range and supplies partners in trade, workshops, and engine repair shops. The products developed by the MAHLE Service Solutions business segment for workshop equipment, as well as comprehensive services and individual training offers, round out the offer. MAHLE Aftermarket operates out of 25 locations around the world and has additional sales offices with around 1,700 employees. In 2021, the business unit recorded a sales volume of around EUR 1.1 billion globally.