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Benefits of transmission oil flushing

The oil in automatic and direct-shift transmissions degrades over time, but simply changing the oil and filter doesn't solve the problem completely, because dirt and up to 50% of the used oil can be left in the transmission.

Many motorists know that the oil in automated or automatic transmissions needs changing regularly. However, only a few are aware of transmission oil flushing and its benefits.



Figure 1: MAHLE FluidPRO® ATX 280

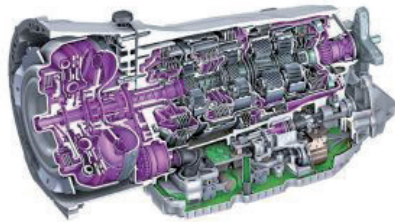


Figure 2: The interior of the transmission (purple area) is only cleaned when the transmission oil is flushed

Why perform transmission oil flushing?

Transmission oil flushing removes contamination and abrasion particles from right inside the transmission, which can improve shifting behavior, reduce wear, and prolong the service life of the transmission. If the automatic transmission oil is contaminated due to a defect—for example, if coolant has seeped into the oil through a leaking heat exchanger—the transmission must be flushed as part of the repair.

Simple and reliable

Modern transmission flushing devices such as those in the MAHLE FluidPRO® ATX series combine user-friendliness with high performance. They don't require any potentially harmful cleaning chemicals, using only the cleaning power of fresh oil and the flow rate of the flushing process to loosen and remove deposits inside the transmission.

The intuitive user interface guides the operator step by step through the flushing process, which can be performed and monitored by a single person—thanks to the Remote Viewer app, this can even be done conveniently from anywhere in the workshop via a smart phone.

Important!

For long service life and high shifting comfort, the oil in automatic and direct-shift transmissions should be changed and the transmission flushed at regular intervals. If the transmission oil has been contaminated with other substances, flushing is essential.