

Issue No.: 2/2012 – Comparison of the MAHLE OX 188 D ECO and its Competitors

DESIGN DIFFERENCES AT THE INNER DIAMETER

The OX 188 D filter from MAHLE differs from its competitors with respect to the inner diameter (Figure 1). These filters are all compatible with each other, and can be used interchangeably without reservation.

DESIGN DIFFERENCES IN THE COVER FOR THE FILTER HOUSING

Depending on the vehicle, three different threaded covers are fitted at the factory (Figure 2). Only the appearance of the interior of this threaded cover is different. The covers have identical functions. Therefore, all of these covers can be used with filters from various filter manufacturers.

Due to the different threaded cover designs, filter installation may require a slightly different amount of force. In general, we recommend oiling the sealing lip of the filter lightly with clean engine oil.

IMPORTANT INSTALLATION NOTE

If the oil change interval has been exceeded, for very high operating oil temperatures, or if a low-quality oil has been used, plastic parts may break loose from the interior of the old filter and adhere to the oil filter housing. We therefore recommend to perform an extra check so as to ensure that all parts have been removed. Any parts remaining in the oil filter housing must be removed with a suitable tool, as otherwise the new filter cannot be installed.

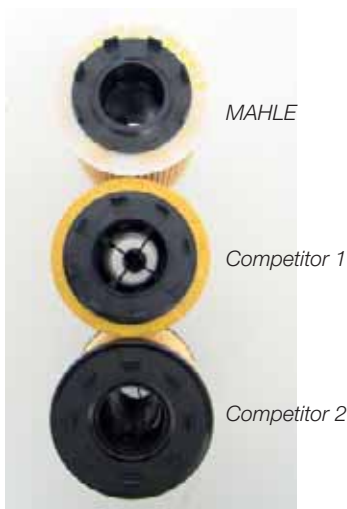


Figure 1: Oil filter, bottom view: MAHLE OX 188 D and its competitors



Figure 2: Oil filter, inner view: three different threaded covers