

# Technical Bulletin

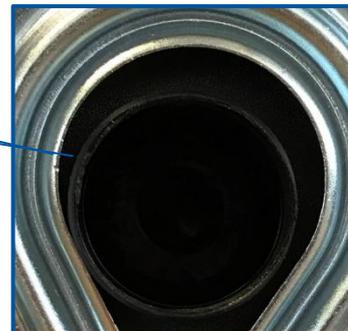
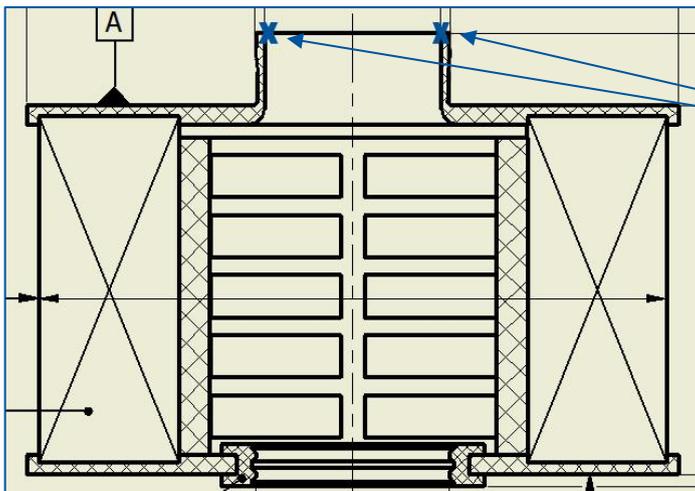
## Issue 10022 – Comline EFF235/EFF246 Diesel Filter Design

Comline is pleased to announce some vital enhancements to our [EFF235](#) and [EFF246](#) Diesel Filters. These new features have been developed to allow a better and smoother assembly of the filters.



### Adding Chamfer:

Our redesign of EFF235 and EFF246 has seen the introduction of a chamfer between the filters' top elements and end caps. This improves the assembly between the element and the filter cover, as illustrated in the image below.



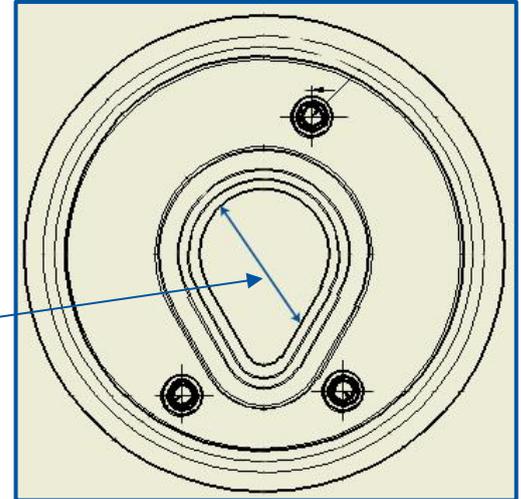
New chamfer improves the assembly between the element and filter cover

### Increased Cover Opening:

Further enhancements include an increased cover opening for the filter heads which allows a smoother assembly of the filter head to the filter element.

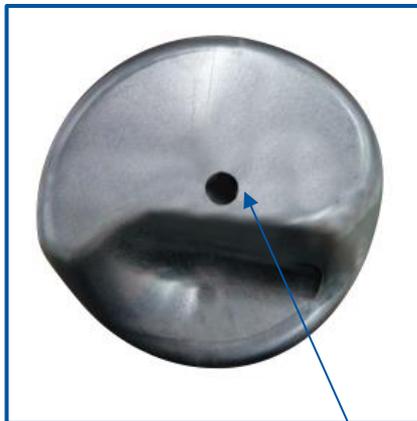
As outlined in the opposite image, the cover opening diameter of EFF235 and EFF246 has increased in diameter from  $28.2\pm 0.2\text{mm}$  to  $29\pm 0.5\text{mm}$ . This will help to align the top housing bolt holes with ease.

Cover opening increased in diameter from  $28.2\pm 0.2\text{mm}$  to  $29\pm 0.5\text{mm}$

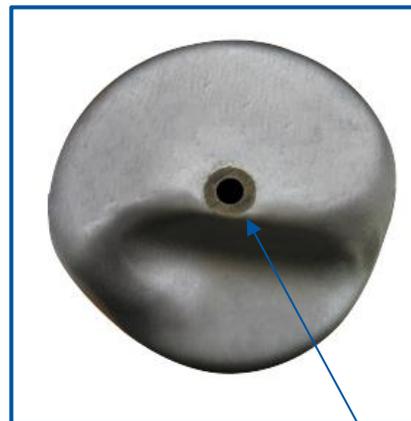


### Centering of Drain Hole:

The final improvement to EFF235 and EFF246 has been introduced to ease the assembly process between the element head and the cover of the filter, namely the relocation of the drain hole. By centering the drain hole, this enables better assembly by allowing the filters to sit straight when placed in the fuel filter brackets. Not only does the movement of the drain hole allow better assembly of the filter's head to the cover, but it matches drain hole positioning of the OE design.



Previous drain hole positioning



New positioning of drain hole

The enhancements made to EFF235 and EFF246, coupled with our ongoing development work, underlines Comline's commitment to delivering a truly comprehensive range of high quality, reliable filters.

For more information, please visit [www.comline.uk.com](http://www.comline.uk.com)