



**NO. 22/2019  
BALANCE DRIVE UPDATE**

December 6<sup>th</sup>, 2019

**Dear distributor,**

As informed in the distributor meeting in Sarno we have optimized the balance drive in DD2 engines.

**1) Content of improvements**

This improvement in addition to the crank case bearing fixation (INFO\_2019\_15\_DD2 CRANK CASE BEARING FIXATION) should enhance balance drive durability significantly.

The teeth width of the starter gear (part no. 434 844) has been increased by around 50% and the teeth width of the balance gear (part no. 365 749) by around 20% (see Figure 1: Increased teeth width). Through this, we have been able to achieve a high quality and smoothed tooth surface.



Figure 1: Increased teeth width

**IMPORTANT:** Starter gear (part no. 434 844) is only compatible with balance gear (part no. 635 749). Make sure to exchange the improved balance and starter gear pairwise!

Our engines will be equipped with the improved parts as of engine serial number 8643405 and will be available as spare part as of now.