

# Bulletin 0015

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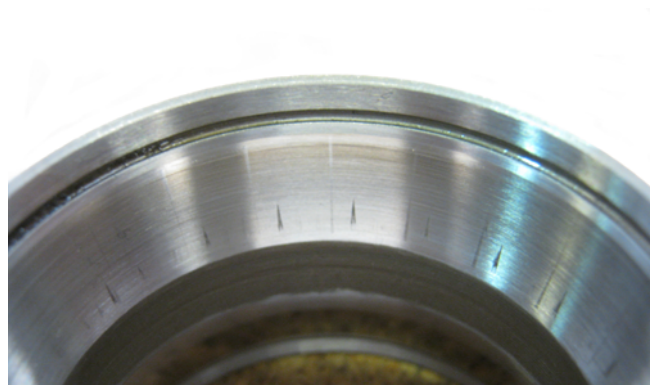
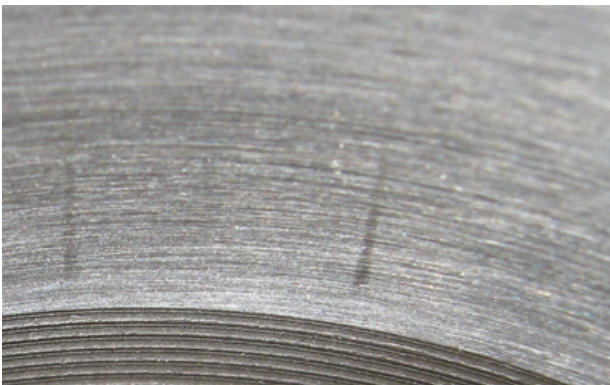
## FBK 745

To ensure that wheel bearings achieve a satisfactory service life it is important that they are installed using the relevant specialist tools and in accordance with the Vehicle Manufacturers Service and Repair Data.

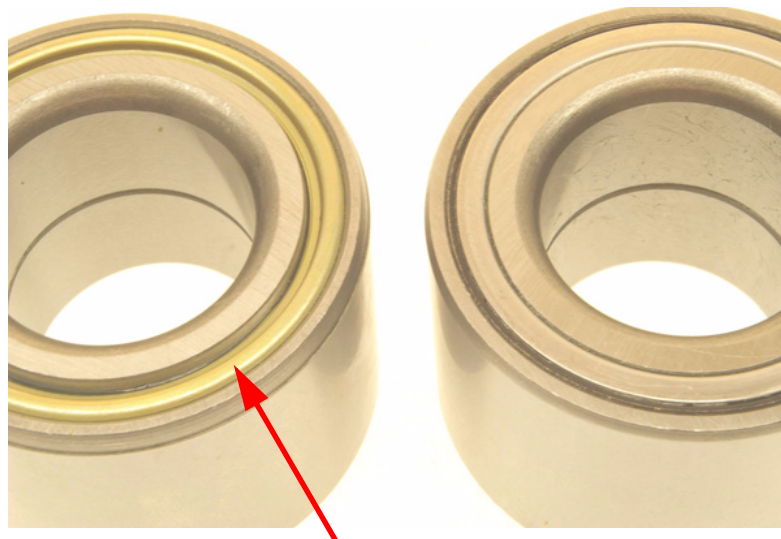
Rear wheel bearings as fitted to the Ford Focus Mk1 is one example of a very popular application that appears to cause some difficulty in achieving correct installation. The outer casing of the bearing is particularly narrow and it would appear from evidence obtained that a large number are actually being installed by pressing into the hub using the inner race. Tightening of the hub nut using an impact wrench appears to be quite popular as well!

This method of installation results in roller impact marks on the inner and outer raceways of the bearing and has a detrimental affect on the safe operation and service life of the bearings, as can be seen in the following pictures. Noisy operation quickly becomes apparent, culminating in total bearing failure.

It is essential to also check that the hub is not worn outside of tolerance which will also contribute to premature failure.



It should be noted that some examples of current stock of FBK 745 are designed with a different sealing system. If the two end plates are of a different colour then the GOLD side must be fitted inboard (i.e. towards the centre of the vehicle)



**Note the Gold colour is an inserted section**