



# febiEXAKT



## Shaft seal with ABS impulse ring

**febi no. 38868**

Repl. no. 204 330 00 60

fits

**Mercedes Benz W204, W207 and W172**



### >> PROBLEM:

Damage or corrosion to the running surface of the stub axle may cause damage to the shaft seal. The result of this is a premature failure of the wheel bearing.

### >> CAUSE:

The original version (Repl. no. 203 330 0060) of the shaft oil seal has no rotating collar (Fig. 1). The stub axle surface becomes corroded and worn, resulting in the running surface of the shaft seal to become uneven and eventually causing failure of the shaft seal.

### >> SOLUTION:

The manufacturer has provided the shaft seal with a rotating collar (see arrow, Fig. 2). The stub axle and the front wheel hub are not affected by this change. febi bilstein recommends replacing the shaft seal with the most up-to-date version (Fig. 2). Due to optimisation of the shaft seal, it is no longer necessary to replace the stub axle if the running surface is damaged slightly, the rotating collar serves as a substitute for the stub axle's running surface.

### >> NOTE ON FITTING:

The rotating collar is preassembled in the shaft seal and must not be removed under any circumstances. If the front wheel hub is dismantled (Fig. 3), the rotating collar (where present) generally detaches itself from the shaft seal and has to be removed from the stub axle separately.

