



# febiEXAKT



## Chain tensioner

### febi No. 33044

Repl. No. 4807 839

fits

**Opel 2.0l turbo and 2.2l petrol engines**



### >> PROBLEM:

Although all the components have been correctly fitted, rattling noises are often present (caused by the elongation of the timing chain). If the timing chain slips as a result, then the engine can run erratically and misfire and in the worst case cause extensive engine damage. This affects Z22YH and Z22SE engines.

### >> CAUSE:

A blocked timing chain tensioner. The original version (repl. no. 0636 549) of the chain tensioner had a green O-ring and a rubber-lined washer (see Fig. 1). The vehicle manufacturer fitted this version in the engines mentioned above. A modified chain tensioner has been used in production since model year 2009.

### >> SOLUTION:

febi bilstein recommends using only the new chain tensioner febi 33044 (repl. no. 4807 839). This is provided with a rubber-lined metal washer under the head (see Fig. 2). This ensures perfect guidance of the timing chain.

### >> PLEASE NOTE:

We always recommend that a new timing chain (febi 33043 repl. no is 5636 396) is fitted when replacing the chain tensioner. Both components are included in the chain kits febi 33042 (fits Z22YH) and febi 33045 (fits Z22SE)!

### >> NOTE ON FITTING:

To prevent the timing chain from skipping when the engine is running, the chain tensioner should not be brought into the working position until the chain has been fitted. Please refer to the attached febiinfo for details.



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