



febiEXAKT



Chain tensioner

febi no. 21275

Repl. No. 11 31 7 567 680

fits

**BMW E87 116i with
N45 115 PS / 85 KW engines**



>> PROBLEM:

The timing chain jumps even though all the components are properly fitted. Jumping of the chain can cause the engine to run unevenly and can even lead to engine damage. This affects vehicles produced between March 2004 and August 2007.

>> CAUSE:

The original version (repl. No 11 31 1 439 851) of the chain tensioner has a larger hole above the thread (see Fig. 1). The car manufacturer fitted this version of the chain tensioner in the vehicles referred to above. The result is that the chain can jump under unfavourable loads. In the worst case, valves and pistons come into contact with each other - resulting in engine damage. This version has been replaced by the car manufacturer and is no longer in use.

>> SOLUTION:

febi recommends using only current chain tensioner febi 21275 (repl. no. 11 31 7 567 680). This chain tensioner has a small hole below the head (see Fig. 2). Consequently, these ensure perfect guidance of the chain under all conditions and prevent jumping.

>> PLEASE NOTE:

The previous design of the chain tensioner is still frequently being offered on the market. The new design is also on sale but does not include the necessary seal ring!



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chain engaging: D = duplex / S = simplex / Z = silent chain

number of chain links

closure: N = rivet / F = spring / S = safety slices / E = endless

internal manufacturers code

chains feature:
ZZM = ignition timing marking



D = duplex roller or bush chain (duplex chains)
G = simplex roller or bush chain (simplex chains)
Z = silent chain

4 = 7 mm pitch
5 = 8 mm pitch
6 = 3/8 inch pitch

continuous model description (internal)

H = bush chain (all chain markings
without H are roller chains)
Z = inchromized pin
C = nitrited pin

continuous model description (internal)