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TECHNICAL REPORT

Tightening for hydraulic lifter
85001600



REASON

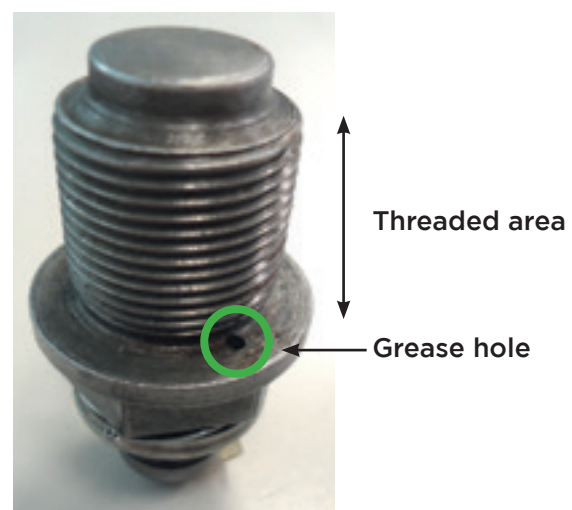
Explain the particularities of **assembly and disassembly of hydraulic lifters** for Mercedes engines:

MB116.960 - MB116.961 - MB116.962 - MB116.963
MB116.964 - MB116.965 - MB117.960
MB117.961 - MB117.962 - MB117.963
MB117.965 - MB117.967 - MB117.698

INTRODUCTION

In the design of the engines, **there are differences according to each manufacturer:** all of them affect more or less to the assembly process and correct performance.

The lifter of this report with reference 85001600, has some design features which **make you be extremely careful for a correct performance.** This is a pivot type lifter, which fits in the head with a screw, and which receives the oil for its load through a hole located under the flange of the head of the screw.



DISASSEMBLY

- **Remove all necessary parts** of the engine until you can easily access the hydraulic lifters.
- Clean the work area.
- Loosen with a 24 mm brace until lifter has been completely removed.

ASSEMBLY

- **Lube the new hydraulic lifters**, on the friction area with the rocker, under the flange and threaded area.
- **Check** that the lifter housing **is completely clean** so the tightening is more precise and sealing and pressure of the oil in the circuit can be secured.
- **Thread in** housing applying 60 Nm.
- Continue with the assembly of the remaining elements, always **checking that all parts are in good conditions** and also checking instructions.

RECOMMENDATIONS

- Remember to **replace all hydraulic lifters**.
- When new rockers are used, it is recommended **to replace camshafts**.
- **Rockers** in engines MB 116 and MB117 **are not interchangeable with engines MB 110**.
- Sometimes, new lifters may cause some noise while they are loading with oil; **keep engine running until noise disappears**, varying the speed regime.

VERY IMPORTANT

AJUSA shows on the label information corresponding to the tightening of lifters with reference 85001600.

