

Joint ring at injection valve

The injection valve on the M 25 engine has proven optimum reliability in both operation modes, MDO and HFO. This injection valve, however, must be carefully completed. During assembly of the upper locking screw deformations to the joint ring might occur. This could lead to leak fuel with following contamination of the lubricating oil.

When completing an M 25 injection valve, attention must be paid to the following:

- The joint ring must be centered.
- The locking screw is to be tightened with a torque of $M = 90 - 120 \text{ Nm}$.
- The joint ring must be checked visually once more for correct fitting. Otherwise, the before-mentioned procedure is to be repeated with a new joint ring.

