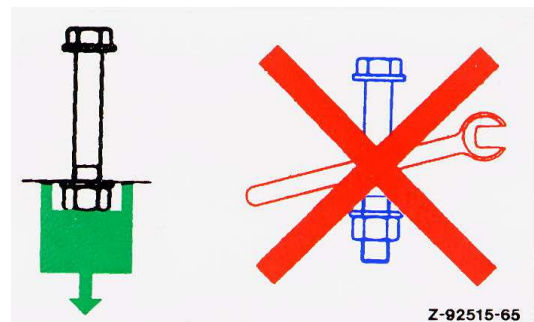


# Hydraulic tensioner for slewing ring bolts

Essential for tightening hydraulic tension bolts on slewing ring !

- The tightening of the slewing ring bolts must comply with strict rules
- The use of hydraulic tension bolts on GME cranes (implementation during 2000) requires the use of a specific torque tools.
- Manitowoc offers two different types of tensioners, for M20 to M27 bolts with a single high-pressure hand pump.



**Tensionners\* :**

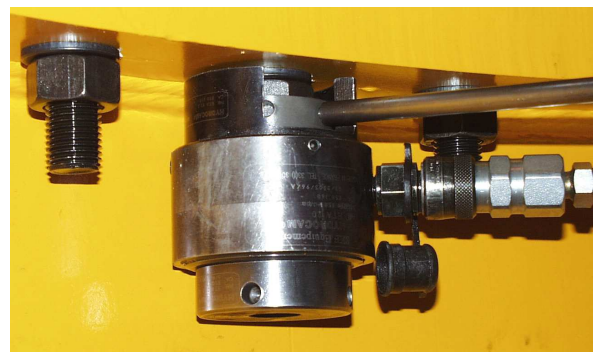
**82017094** bolts M27.

**82017093** bolts M20, M22 and M24.

\* For other sizes, Please contact us.

**Hand pump characteristics  
U-64435-37:**

- Hose length 3m with rapid connector.
- Oil pressure gauge.
- The unit is supplied in a box.



To use this material, please refer to the maintenance section of your crane manual which defines precisely the general rules for tightening your slewing ring bolts.