



Action code: IMMEDIATELY

### Lifting of Crankpin Bearing Cap for 26-90 Engines

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SL2013-572/PRP  
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#### Concerns

Owners and operators of MAN B&W two-stroke marine engines.  
Type: MC-/MC-C and ME/ME-C/ME-B

#### Summary

Check procedure for mounting of lifting tool for crankpin bearing cap, in order to ensure full contact between lifting tool and bearing cap and vertical mounting of eyebolt.

Dear Sirs

We have recently received a report on the improper use of the eye-bolt for lifting the crankpin bearing cap. This led to breakage of the eyebolt and the crankpin bearing cap falling down.

Improper use of/tightening of eyebolts means a risk of injury to personnel and/or damage to engine components. We have therefore decided to re-inform you of our safety precautions.

Yours faithfully

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So as to prevent the risk of improper use of the lifting eyebolt and eliminate the risk of personal injuries and engine damage, the following safety precautions must be observed:

- Ensure full surface contact between the bearing cap and the eyebolt.
- Adjust the thread length of the eyebolt by means of discs/washers in order to ensure that the eyebolt is vertical when mounted.
- Before using the eyebolt, check the thread condition (scratches/cracks/bended), and take appropriate action if necessary.

We therefore ask you to warn your operating personnel about the above risks and to ensure that they follow the above safety precautions.

Furthermore, we have decided to introduce special eyebolts for future engine designs. The solution for engines with a bore diameter of 70 cm and smaller is a special eyebolt shown in Fig. 1.

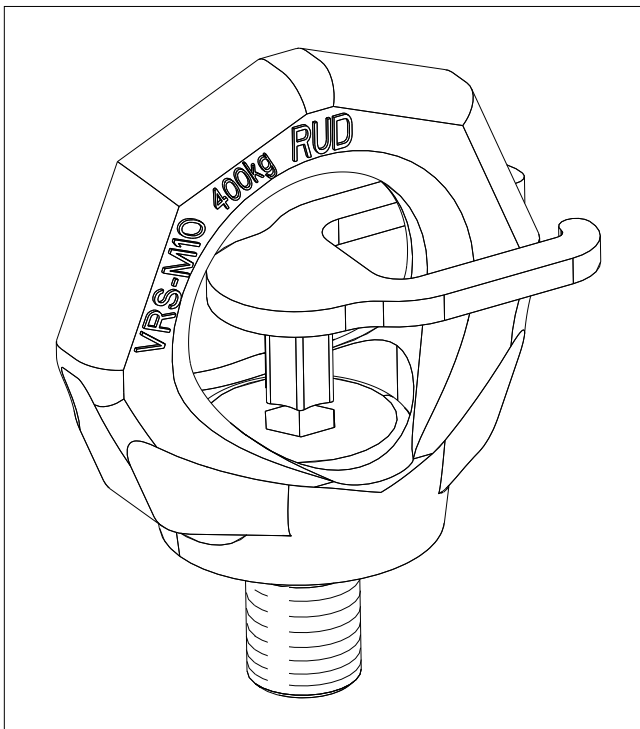


Fig. 1: Special eyebolt with swirl function

For engines with a bore diameter of 80 cm or larger, a new MDT lifting tool design will be used, see Fig. 2.

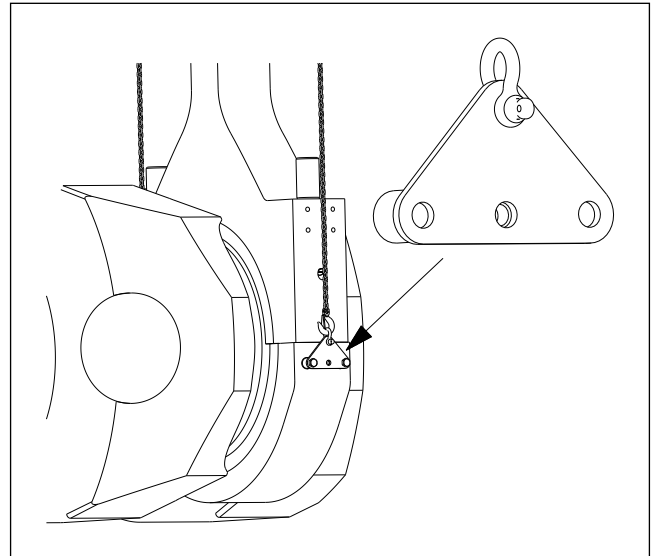


Fig. 2: Special lifting tool for 80-bore size engines or larger

MAN Diesel & Turbo offers this solution as an option to our customers with products in service.

Please contact [PrimeServ-cph@mandieselturbo.com](mailto:PrimeServ-cph@mandieselturbo.com) for price and availability.

If you have any questions regarding the content of this Service Letter, please contact our Maintenance Tools department, LEE3, via e-mail [LEE3@mandieselturbo.com](mailto:LEE3@mandieselturbo.com).