

Re-Assembly with Electric Motor

A

- Turn the electricity OFF.
- Close the valves.
- Remove pump from the system.

ATTENTION
Use appropriate vessels to collect oil spillage when removing and opening the pump.

B

Motor fastening screws

134

- Untighten the locking screw 134.
- Remove the motor fastening screws.
- Remove the motor and the angle bracket.

C

451

551

- Break up the rear cover 551 with the screws 451.
- Take away the gasket 556.
- Refit temporarily the rear cover 551 with two diagonal screws 451.

Important!

- Fit the rear cover 551. No gasket yet! (This way of reassembling will result in a good adjustment for the shaft seal mounting!)
- Fit two of the screws 451.

Important! : Not following those steps results burning the pump & el-motor! *

D

134

Make sure that the key slot on the el-motor shaft and the gap on the Nylon sleeve socket 162 fit.

- Adjust location of the locking screw 134 to the opening in the pump body 401.
- Turn the locking screw 134 so it fits into the motor shaft key slot.

E

Motor fastening screws

134

Apr. 2 ~ 2.2Nm

- Fit the electric motor and the angle bracket and make sure that the locking screw 134 has entered the motor shaft key slot.
- Tighten the motor fastening screws.
- Tighten the locking screw 134.

After the locking screw 134 got into the key slot, turn 60° clockwise to mark the screw location in the key slot, loosen it once, let the screw touch the mark again, then, turn the screw 35° to 45° clockwise once again to make it tight enough. (Apr.2 ~ 2.2Nm)

*** Must keep the gap between idler rotor and the rear cover 551 to have proper oil lubrication!**

F

556

551

451

Important!

- Remove the rear cover 551.
- Fit the gasket 556 and put the rear cover 551 back in place.
- Tighten the screws 451 crosswise (24 Nm).

- Put the pump back into the system. Proceed according to the instructions in the IMO AB Installation and Start up instruction for low pressure pumps.