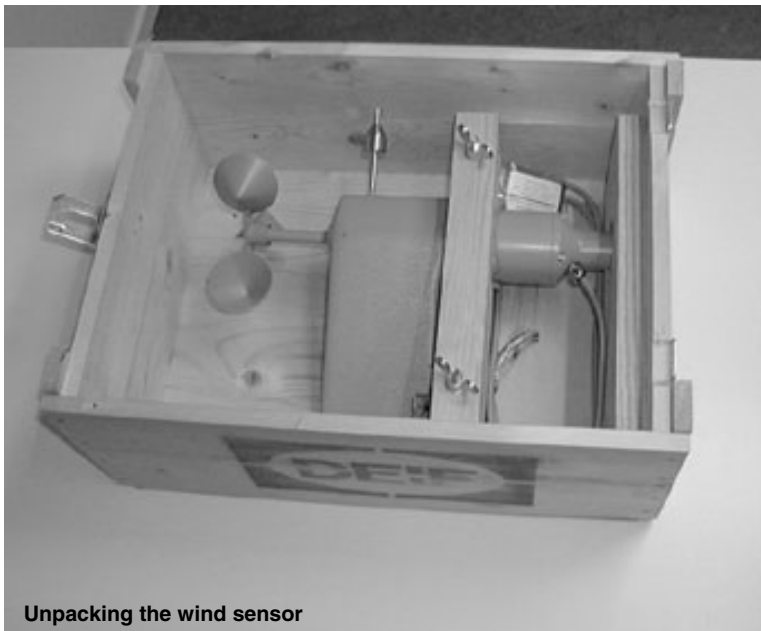


## **Wind sensor**

**879.3C**

**4189350008C (UK)**



**Unpacking the wind sensor**

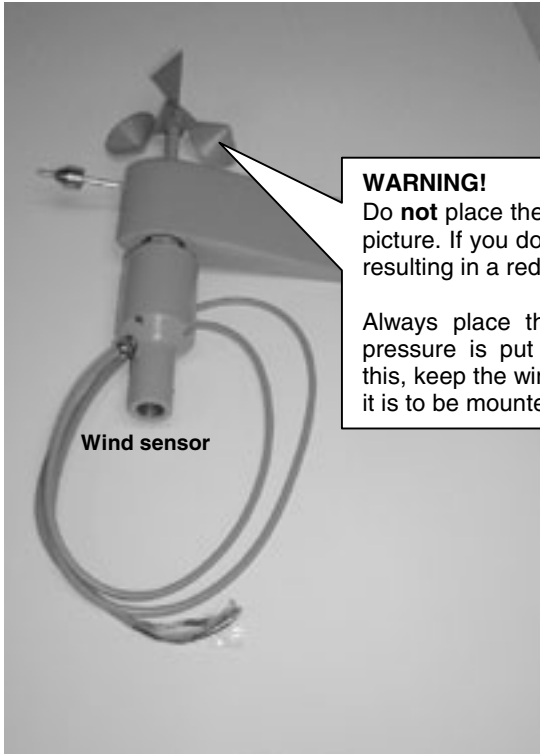
Illustration of the transport box



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**WARNING!**

Do **not** place the wind sensor like illustrated in this picture. If you do so, the bearings will be damaged resulting in a reduction of lifetime by a factor of 10.

Always place the wind sensor so that no side pressure is put on the bearings. To accomplish this, keep the wind sensor in the transport box until it is to be mounted on the tap.

The transport box contains:

- the wind sensor
- the tap for mounting the wind sensor
- a bag containing copper grease

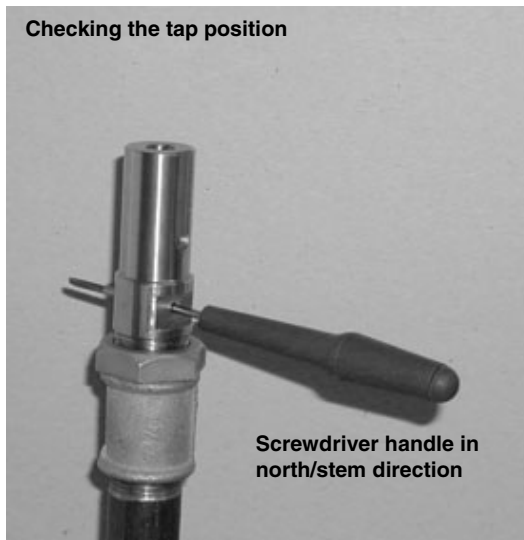
**Very important information:**

The tap must always be used to ensure correct ventilation of the wind sensor house. The tap must be lubricated with the copper grease to enable demounting of the wind sensor.

The wind sensor is delivered with 2 m fixed cable as standard. This cable must not be replaced. If the wind sensor is dismantled, warranty is not valid.

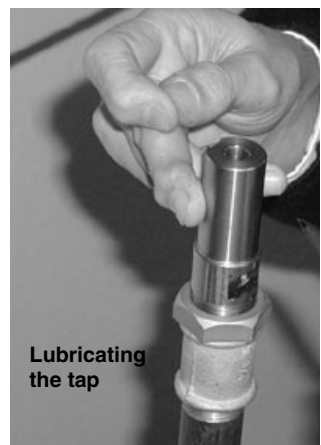


In the above illustrations a 3/4" water pipe and a 3/4" socket joint are used as support for the tap for the wind sensor. It is recommended to use a washer between the 3/4" socket joint and the tap to obtain a good joint.

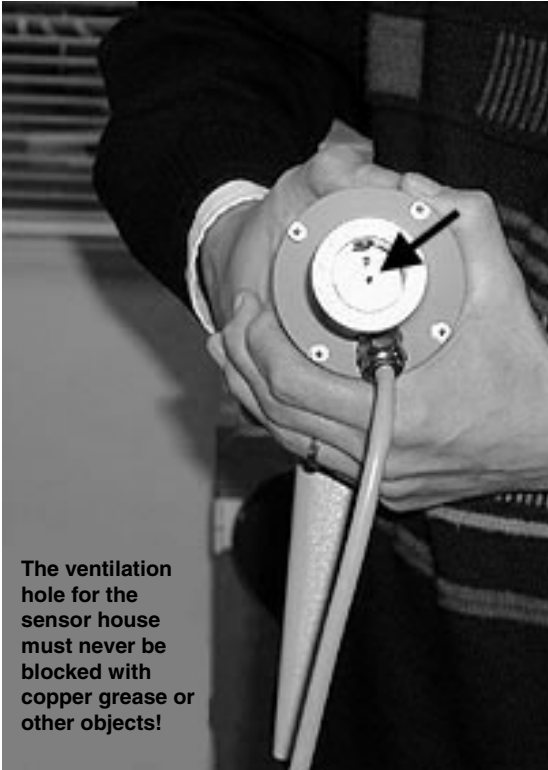


A screwdriver can be used as a pointer to make sure that the position of the tap is correct according to the ship's stem (on land-based installations according to north).

Make sure the tightening of the tap is done properly.



The tap is lubricated with copper grease. This is necessary to enable demounting of the wind sensor for service.



The ventilation hole for the sensor house must never be blocked with copper grease or other objects!

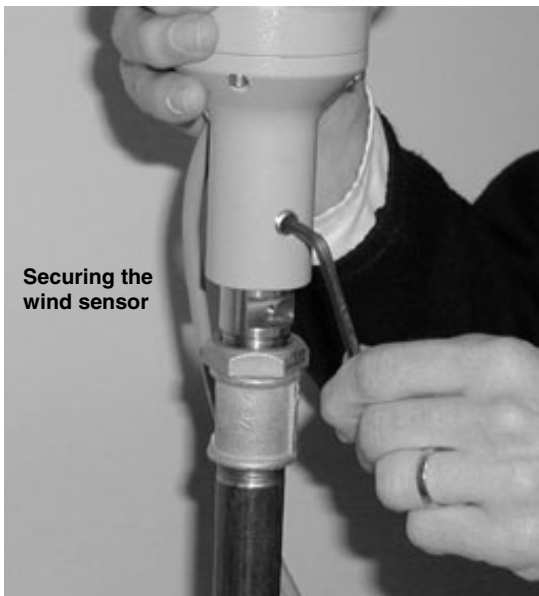
**Very important information:**

Ventilation of the wind sensor house is very important to make sure that any condense is avoided. Condense in the wind sensor house will damage the built-in electronics and the bearings in the wind vane and the bearings for the three-cup rotor.

If the wind sensor is mounted without using the tap included, it must be mounted in such a way that ventilation is possible. E.g. by boring one vertical and one horizontal hole  $\varnothing 8$  mm in the tap used. DEIF A/S strongly recommends always to use the included tap.



The wind sensor is mounted on the tap as illustrated. Notice that the “key way” on the tap (screw on the wind sensor) must point at the ship’s stem, or north on land-based installations.



Tighten the wind sensor on the tap.

**Necessary tools:**



**5 mm Allen key, 3 mm screwdriver, 10" and 15" adjustable spanner.  
Copper grease is included in the package.**

Necessary tools. Other types can be used, e.g. 20 mm and 36 mm fixed spanners.

**Electrical installation:**

About electrical installation, see the User's manual of 879.3C, document no. 1159040004.