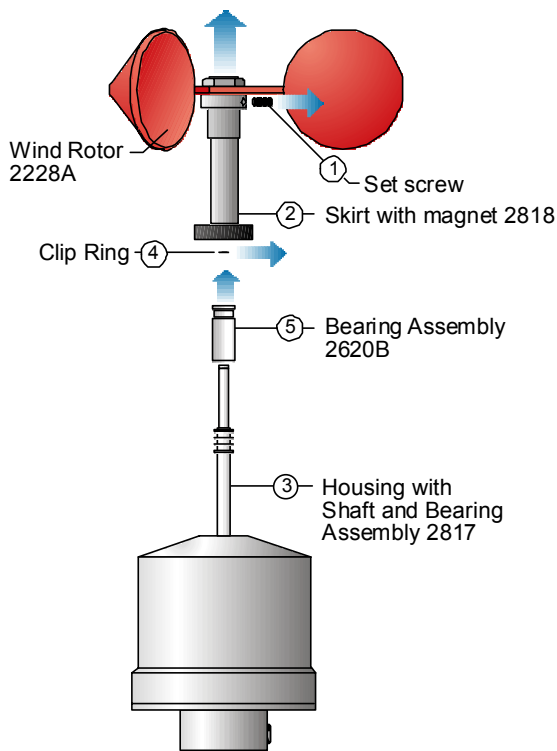


RECOMMENDED ANNUAL MAINTENANCE FOR WIND MEASURING SENSORS

Necessary Tools: Fine/Stub Blade Screw Driver, Clean Lint Free Wipes, 4 mm Hex Key, Gloves



Wind Speed Sensor 2740:

All sensors have identical rotors and bearings.

Type calibration is valid for all sensors.

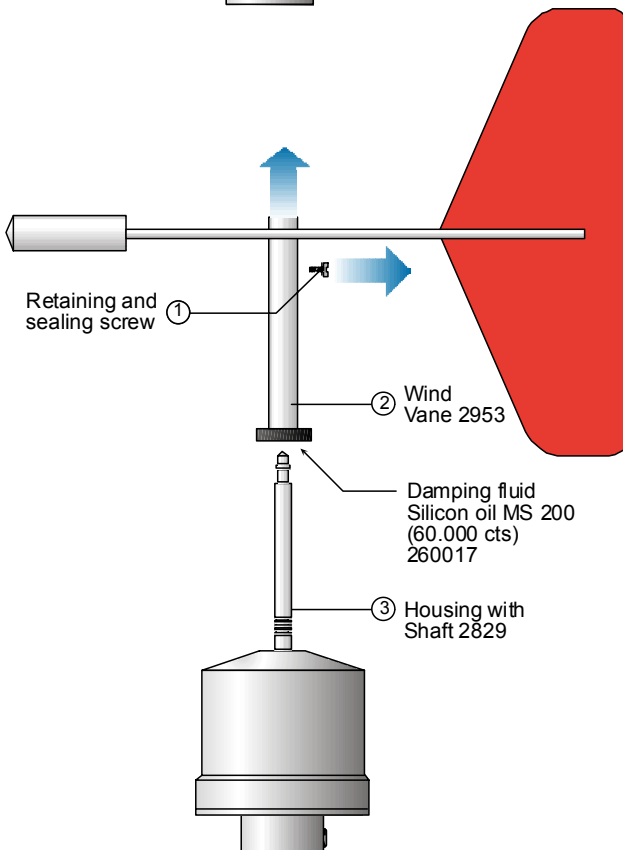
Individual sensors are tested for performance only.

Calibration is not required.

Bearings should be replaced annually.

To change the Bearing Assembly 2620B (5) proceed as follows, do not lubricate:

- Loosen setscrew (1), pull Rotor with skirt and magnet (2) off the shaft (3).
- Remove the clip ring (4) and old Bearing Assembly (5). Clean the shaft prior to installing new bearing.
- Install new Bearing (5) and clip ring (4).
- Reinstall Rotor (2) with skirt and tighten set screw (1).



Wind Direction Sensor 3590:

Positioning of internal compass is done during calibration.

Recalibration is not required unless compass is changed.

Annual renewal of damping fluid for the wind vane is recommended.

- Refill damping fluid (part no. 260017, 25 ml) as follows:
- Remove o-ring seal screw (1), pull Vane Assembly (2) off shaft (3) and clean same.
- Turn Vane upside down and pour or inject damping oil, Silicone 60000 cts., into bore (2).
- Place Vane on shaft (3) and let Vane slide down under its own weight when turning, until only clear oil escapes through the screw hole (no air bubbles).
- Install and tighten screw (1), replace o-ring as necessary.
- Wipe off excess oil.