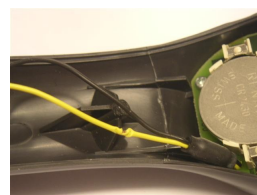


Vandagraph

Replacement of the Oxyspy Oxygen sensor Using Vandagraph Teledyne R-22D

The following notes are a guide

1. Refer to manufacturers instructions.
2. Pull the yellow ring off the rear of the case
3. Loosen the 7 screws located around the case.
4. Carefully separate the two parts.
5. Disconnect the connector carefully from the back of the sensor
6. Remove the sensor from the unit.
7. Remove the new sensor from its pack and check it for leaks
8. Remove the new sensor O-ring .
9. Attach the yellow mounting ring from the old sensor onto the new sensor by gently twisting until it fits snugly
10. Ensure that the prongs on the sensor and sockets on the connectors line up and push in firmly.
11. Fit the sensor with the yellow mounting ring back into the housing so that the ring fits into the notch.
12. Ensure the wires are not trapped under the sensor
13. Replace the cover carefully taking care that the sensor locates properly and that you do not trap any wires
14. Do not over tighten the screws.
15. Refit the rear yellow ring ensuring that gas can get to the sensor
16. Leave exposed to dry outdoor air for at least two minutes NB (All galvanic sensors can take an hour to fully stabilize after they have first been exposed to to achieve maximum accuracy. This may be visible as a rising output)
17. Calibrate to 20.9%
18. Dispose of the old sensor according to local regulations for Lead and Potassium Hydroxide solution



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