



REPLACING NYAD O2% SENSOR

DANGER

Disconnect power to the unit before performing any maintenance to the control board.

Removing O2 Sensor

- 1) Remove the plastic cover (6 captive screws) on model OA-250N. All other instruments, remove appropriate screws to enclosure or panel.
- 2) Remove the front panel (two thumb screws Model OA-250N).
- 3) Remove the O2% electronic board from the O2 assembly by pulling it away from the sensor where it is held by three connector pins.
- 4) Disconnect O2% harness from display motherboard and O2% sensor.
- 5) Next, cut clipped cable tie and remove clear tubing from the O2% sensor flow chamber.
- 6) Loosen 3/8" nut using 3/8" open wrench.
- 7) Unscrew O2% sensor by turning counter clockwise.

Installing O2% Sensor

1. Screw O2% sensor back into the inlet port by turning clockwise.
2. Orientation of the flow chamber on the O2% hood should now be facing the outlet port.
3. Tighten with 3/8" open wrench, keeping the O2% flow chamber in position.
4. Take existing clear tubing and attach to the O2% flow chamber.
5. Tighten tubing to the O2% flow chamber with a cable tie.
6. Attach the O2% electronics board to O2% sensor by matching the three connector pins.
7. Replace harness with new harness provided with your metal box. Connect blue connector to O2% sensor and white connector to the display/motherboard labeled analog.
8. O2% sensor is now installed.
9. The O2% analyzer is now ready to be calibrated.