

Ambulance Regulator Adjustment

1. Follow instructions to start up the ambulance and provide power to the power outlets as outlined in the operator's manual. Typical sequence is as follows:
 - a. Turn battery switch on (located to the right of the driver on the engine cowling).
 - b. Insert ignition key and turn to first position to warm glow plugs (diesel engines).
 - c. Once "glow plug" light goes out turn vehicle on.
 - d. With engine running, turn on master power rocker switch (located on the top of interior engine cowling).

NOTE: Ensure parking brake is set and transmission in park!
2. Enter the patient transport compartment, once inside turn on rocker switches: Electric O₂ and inverter. These rocker switches are located by the pass through window where the technician monitoring the patient is seated.
3. Plug the RT-200 into a power outlet, select test 22, zero the transducer and wait for five minutes for the calibrator to stabilize.
4. Connect an oxygen hose from the RT-200 high-pressure connector to the ambulance O₂ outlet. The reading should be right around 50 + / - 5psi.
5. If not, the regulator on the O₂ tank will need adjustment. To gain access to this regulator the panel by the rear double doors of the ambulance can be used or the bench in the patient transport compartment can be raised and secured as another access point depending on the orientation of the regulator on the bottle.
6. A 3/16" Allen wrench is required for the adjustment. Remove the plug on the regulator. Adjust clockwise to increase pressure and counterclockwise to decrease the pressure. Allow a few minutes for a stabilized reading after adjustments.

NOTE: An O₂ test gauge can be substituted for the RT-200 calibration analyzer. This gauge is part number 7342 from RC Medical, Inc at a cost of \$37.00 each.