What you'll need...

**Tools:**
1. Magnetic Wand  
2. Calibration Cap  
3. 1/4” Clear Tubing

**Gases:**
1. Zero Gas: a gas that is free of any substance that will adversely affect the operation of or cause a response of the instrument.
2. Mid span Gas: a reference gas used in calibration of a concentration ±20% from 50% of sensor’s full range.
3. Full span Gas: a reference gas used in calibration of a concentration higher 75% of sensor’s full range.

**STEP ONE**

1.a  
TAP the Button with the Magnetic Wand (MW) to access the Menu.

1.b  
TAP the Buttons to highlight “Calibrate 1”:

1.c  
TAP the Button to Select “Calibrate 1” and begin calibrating Sensor 1.

**STEP TWO**

2.a  
Connect the zero gas cylinder to the inlet of the calibration cap.

2.b  
Apply the zero gas at NO MORE than 0.5 l/min, for at least 1 Minute; wait for gas reading to STABILIZE.

2.c  
TAP the Button to Set zero point calibration.

**STEP THREE**

3.a  
TAP the Buttons to adjust number of gases for span calibration

3.b  
Select 1 for mid-span gas only (1 gas cylinder)  
Select 2 for full & mid span gases (2 gas cylinder)

3.c  
TAP the Button to Enter selection

**STEP FOUR**

4.a  
TAP the Button to Advance cursor to the next digit.

4.b  
TAP the Buttons to adjust value of each digit. Refer to the gas concentration on the gas cylinder

4.c  
TAP the Button after the last digit has been edited to proceed
**STEP FIVE**

**This screen will NOT APPEAR if a single (1) gas span calibration was selected.**

5.a
Connect the full span gas cylinder to the inlet of the calibration cap.

5.b
Apply the full span gas at NO MORE than 0.5 l/min, for at least 2 Minute; wait for gas reading to STABILIZE.

5.c
TAP the + Button to Set the full span point.

**STEP SIX**

**This screen will NOT APPEAR if a single (1) gas span calibration was selected.**

6.a
TAP the + Button to Advance cursor to the next digit.

6.b
TAP the ▲▼ Buttons to adjust value of each digit. Refer to the gas concentration on the gas cylinder.

6.c
TAP the + Button after the last digit has been edited to proceed.

**STEP SEVEN**

7.a
Connect the mid span gas cylinder to the inlet of the calibration cap.

7.b
Apply the mid span gas at NO MORE than 0.5 l/min, for at least 2 Minute; wait for gas reading to STABILIZE.

7.c
TAP the + Button to Calibrate mid span.

**STEP EIGHT**

8.a
Remove the mid span gas from the sensor & the calibration cap. Wait until the gas reading drops to Zero.

**For O2 sensors, gas concentration reading does not drop to Zero. Concentration will remain at approximately 20.8% v/v**

8.b
TAP the + Button to exit calibration procedure

8.c
You are done!

The Alarm 3 latch will stay set until the device is restarted.