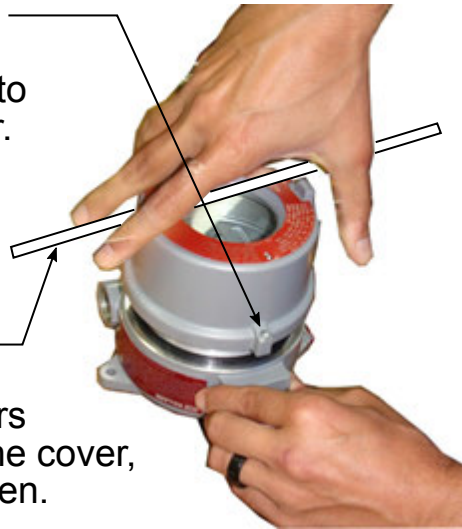


DISASSEMBLY / ASSEMBLY INSTRUCTIONS: LEL and PPM Gas Detectors

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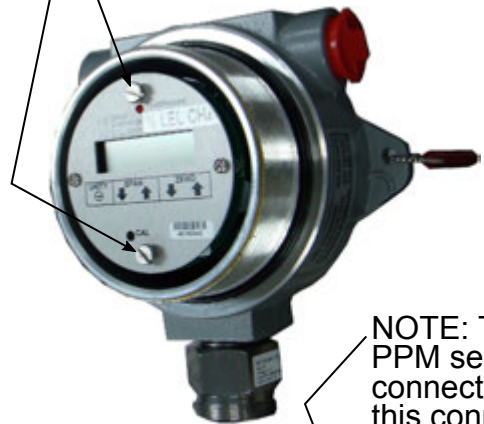
1-800-225-0473

- 1 Check this set screw. Loosen it if necessary to open the cover.



Using a rod, bar, or tube, engage the ears on the top of the cover, and twist to open.

- 2 Loosen these captive screws.



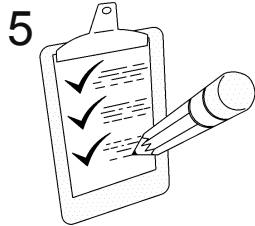
NOTE: The PPM sensor connects to this connector on underside of upper circuit board assembly.

- 3 Pull out the front display circuit board assembly taking care to not overstress the ribbon cable.



- 4 On PPM detectors, unscrew the plastic retainer holding the gas sensor cable, and detach the cable.

Pull out the display circuit board.

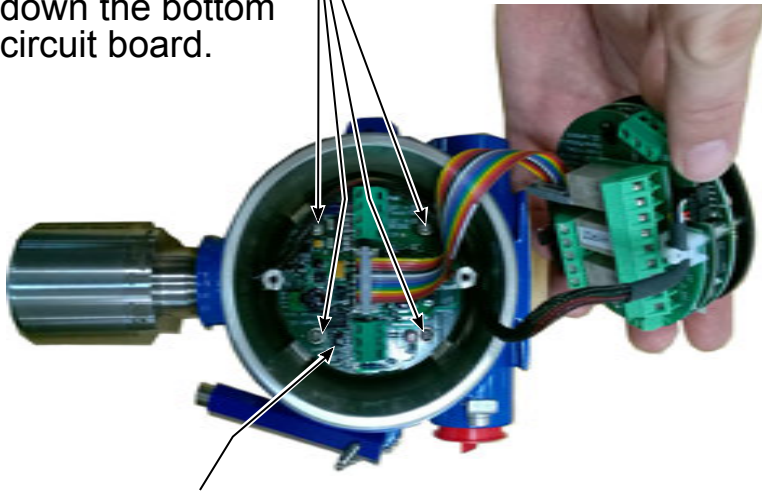


Note and record the wiring arrangement for all circuit boards so that the detector can be rewired correctly after disassembly.

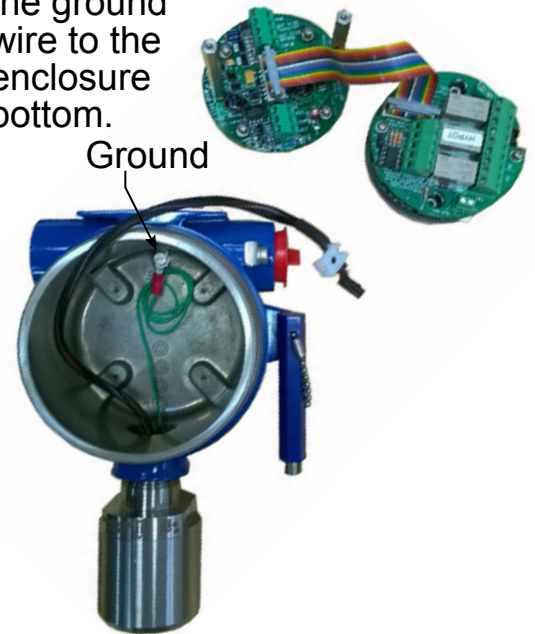


(LEL Detector Arrangement Shown)

6 Remove the (4) #4 screws holding down the bottom circuit board.



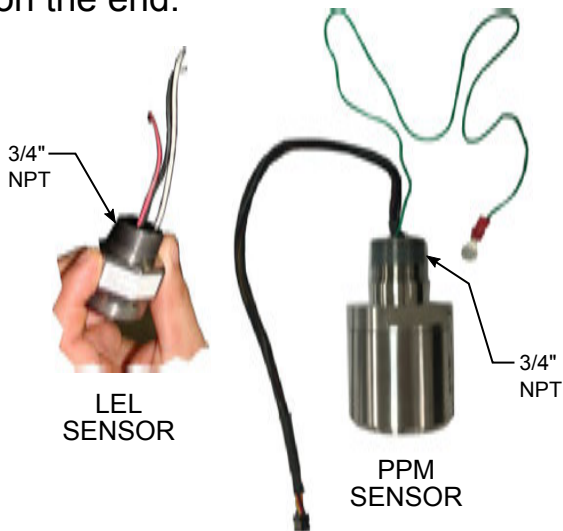
7 Pull out the circuit boards, and remove the #6 screw securing the ground wire to the enclosure bottom.



NOTE: On PPM detectors, there exists an unused LEL connector on the bottom circuit board.

DO NOT CONNECT THE PPM SENSOR HERE!!!

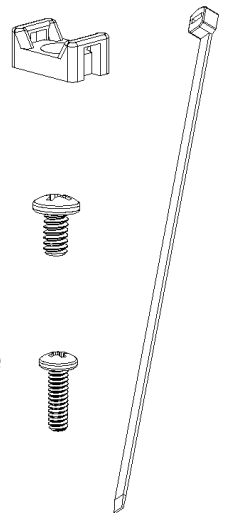
8 Unscrew and remove the gas sensor. LEL sensors have short, stripped-end wires. PPM sensors have a special 10-1/2" - 11-1/2" long cable with a polarized circuit board connector on the end.



9 Reassembly is the reverse of disassembly.

Use PTFE tape on the NPT threads to minimize the risk of galling the threads. On PPM detectors, be sure to use the cable anchor for the sensor cable to prevent the circuit board connector from popping off the circuit board.

CONCOA can provide a cable anchor kit (#8309240-59) which includes a new flame retardant cable anchor, a new flame retardant cable tie, a spare #4 screw for the bottom circuit board, and a spare #6 ground screw.



CONCOA Cable Anchor Kit #8309240-59