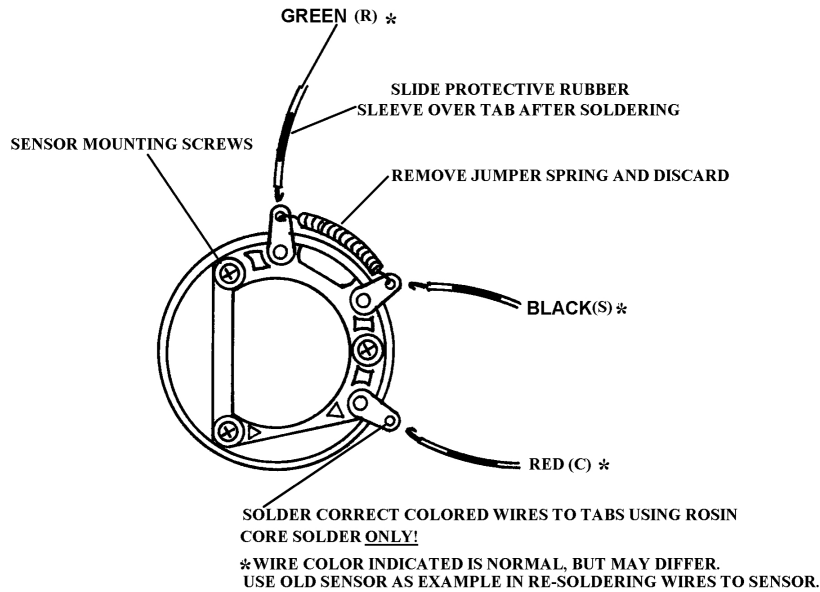


# MST REPLACEMENT CARBON MONOXIDE SENSOR P.N. 80045



**NOTE:** When replacing sensor in older monitors (Rev. 1 and Rev. 2), carefully snip off the pins on the top of the sensor. When replacing sensor in newer monitors (Rev. 3 and up), unplug circuit board from old sensor and plug into new sensor. Tab closest to housing will require bending to fit into monitor's housing.

## REPLACEMENT SENSOR INSTALLATION INSTRUCTIONS:

1. Remove old sensor from housing by removing the (3) screws securing sensor. NOTE: Be sure O-ring and filter disc (if present) remains in housing.
2. Unplug cable assembly from main monitor circuit board noting the proper location for re-assembly. Be extremely careful when removing face plate- The Zero and Span pot wires are very fragile.
3. Cut wires close to the tabs on the old sensor and strip wires back approximately 3/8".
4. Remove null jumper spring from R and S tabs on new sensor.
5. Insert proper wires through holes in tabs on new replacement sensor and bend wire back. NOTE: be sure to connect wires to the proper tabs as noted on the above schematic, (use old sensor as example). Solder wires using a low heat soldering iron and rosin core solder. DO NOT OVERHEAT TABS! - Use a Heat Sink Clamp if available to protect sensor housing.
6. Install sensor back into housing.
7. Plug connector back into the main monitor circuit board.
8. Turn the instrument on and allow to stabilize for approximately (1) hour.
9. Calibrate the monitor as outlined in the monitor's instruction manual.