



# GDX-350 Transmitter

## Instructions for Replacing a Calibrated Sensor

Instruction: 5600-9002

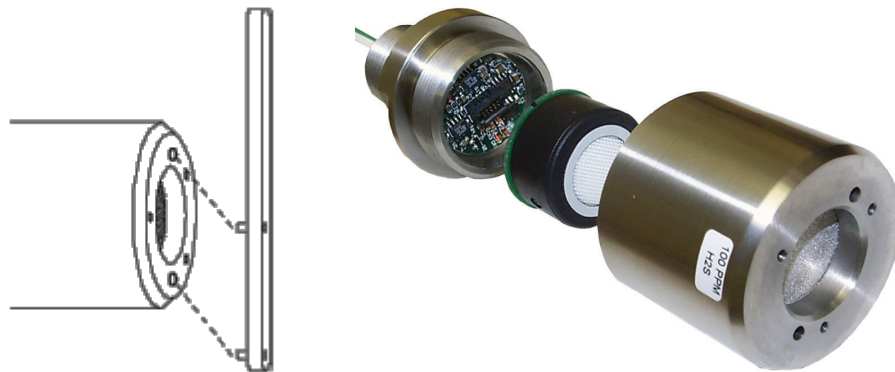
Revision: 1

September 13, 2012

---

### Replacement Instructions

1. Ensure the area is safe for maintenance to be performed in accordance with area requirements and local regulations.
2. Remove power from the GDX-350 transmitter.
3. Loosen, unscrew, and remove the sensor head cap using the sensor replacement tool (P/N: 5600-0002) as shown below.



**Figure 1. Sensor Head Cap and Sensor Replacement Tool**

4. Remove the old sensor assembly (sensor and printed circuit board), noting the position of the notch found on the PCB header.
5. Install the new replacement sensor module.



**IMPORTANT:** Be sure to orient the PCB header notch so that it engages into its socket.

---

6. Replace the sensor cap securely onto the sensor head using the sensor replacement tool.

7. Apply power to the GDX-350 transmitter.



**NOTE:** The new sensor is automatically recognized by the GDX-350 transmitter. The sensor identification screen is displayed at power-up after the new sensor has been installed.

8. After installing the new sensor, the sensor identification screen is displayed:
- automatically after power-up
  - manually by viewing **INPUT Type** in the **SENSOR SETTINGS/INFO** menu.

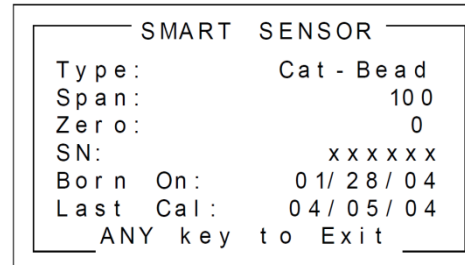


Figure 2. Sample Sensor Identification Screen

9. If the installed sensor type does not match one of those in the GDX-350 transmitter library, an error screen is displayed. Refer to operation manual for the GDX-350 Transmitter (P/N: 5600-9001) for detailed error screen information.

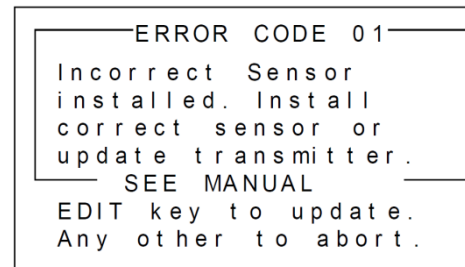


Figure 3. Sample Sensor Error Screen

10. After the sensor identification screen is displayed, the sensor has been successfully installed and is ready for use.
11. Additional information on span and calibration functions is contained in the operation manual for the GDX-350 (refer to P/N: 5600-9001).



Headquarters:

621 Hunt Valley Circle, New Kensington, PA 15068-7074

Toll Free: 1-800-736-4666 • Tel: +1-724-334-5000 • Fax: +1-724-334-5001

Website: [www.MyBacharach.com](http://www.MyBacharach.com) • E-mail: [help@MyBacharach.com](mailto:help@MyBacharach.com)

