



T501X and T801X Instructions for Returning Removed Sensors

1 PURPOSE

The purpose of this instruction is to show how we would like to have the old sensors removed, labeled and packaged for shipment to a designated receiving facility.

The shipment you have received contains 3 documents

1. Instructions for returning removed sensors

This is the document you are currently reviewing. It will guide you through the contents of the shipment and the process for removing and returning the old sensor.

2. A pre-paid return-shipping label

Once you have removed all of the old sensors, please pack them in a huge box and cover the existing UPS label with the one provided. Seal the box and drop off at any UPS pickup station.

3. An RMA Rider

This document is for GE internal use only. We ask that you leave it in the large box. It helps GE properly disposition the returned sensors.

2 INSTRUCTIONS

The replacement sensors will be delivered in individual boxes. Each sensor is wrapped in bubble wrap, as shown in Figure 1.



Figure 1
New sensor out of box

Both the new and the old sensors plastic case look outwardly similar, so care should be taken to replace the old sensor with the correct model.

The sensor is shipped snapped together as one unit, however once out of the box it easily disassembles into three components, a sensor cover, a sensor base (This is the circuit board snapped into a plastic back plate) and finally a sensor mounting plate. An exploded view of a typical sensor is shown in Figure 2.



INSTRUCTIONS FOR RETURNING REMOVED SENSORS

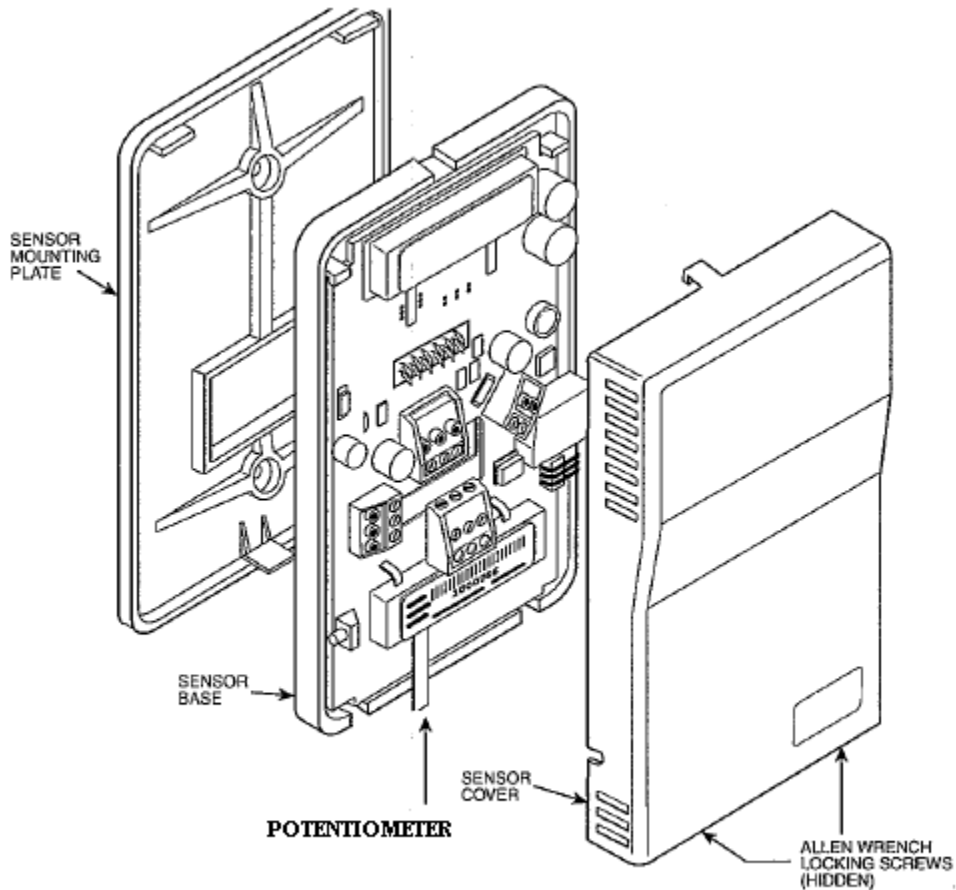


Figure 2
Typical sensor, this model utilizes a potentiometer

After unwiring the old sensor and removing the circuit board and base from the mounting plate, remember to also remove this old mounting plate. It will be tempting to leave it in place because it is outwardly identical to the new sensors mounting plate, but it is in fact made of a different polymer and needs to be removed. See Figure 3.



3 50 V WARNING

The working voltage for the sensor is well below 50V and should not represent a hazard. However, GE recommends that all necessary precautions and safety measures be observed when handling electrical wires.



Remember to remove the old sensor mounting plate when installing the new sensor

Figure 3
Replace with new sensor mounting plate



Snap the case cover back on the old sensor. The setscrews holding the sensor cover in place can be omitted.

Figure 4
Reassemble old sensor and label

4 ADDING A LABEL TO THE OLD SENSOR.

On the exterior of the sensor box a self-adhesive label is included in a clear plastic envelope. Remove the label and fill in the requested information as shown in Table 1.



Field	Values	Notes
RMA #	999000000	The RMA number generated by GE
Address		The address where the unit was installed
City & State		The city & state where the unit was installed
Unit Location		The relative location where the unit was installed, ex. 3 rd floor, boiler room, stairwell, etc.
HVAC Brand		The brand of HVAC system that the unit is tied to/controlling
Was sensor operational?	Y N	Was the unit operational at the time you removed it?
Visual Damage?	Y N	Is there visual damage to the unit? Is anything broken?
Installed Correctly?	Y N	Was the unit installed correctly?

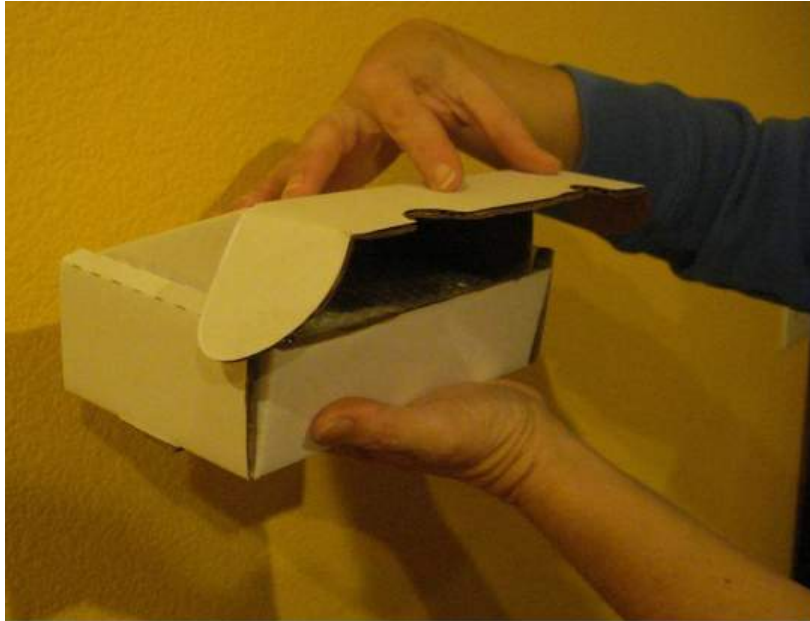
Table 1
Label Contents

Once you have filled out the label, please apply it to the front of the sensor.



Slide old sensor into plastic bubble wrap from the new sensor.

Figure 5
Package old sensor in replacement sensors box



Place old sensor
in box and reseal.

Figure 6
Reseal box for return