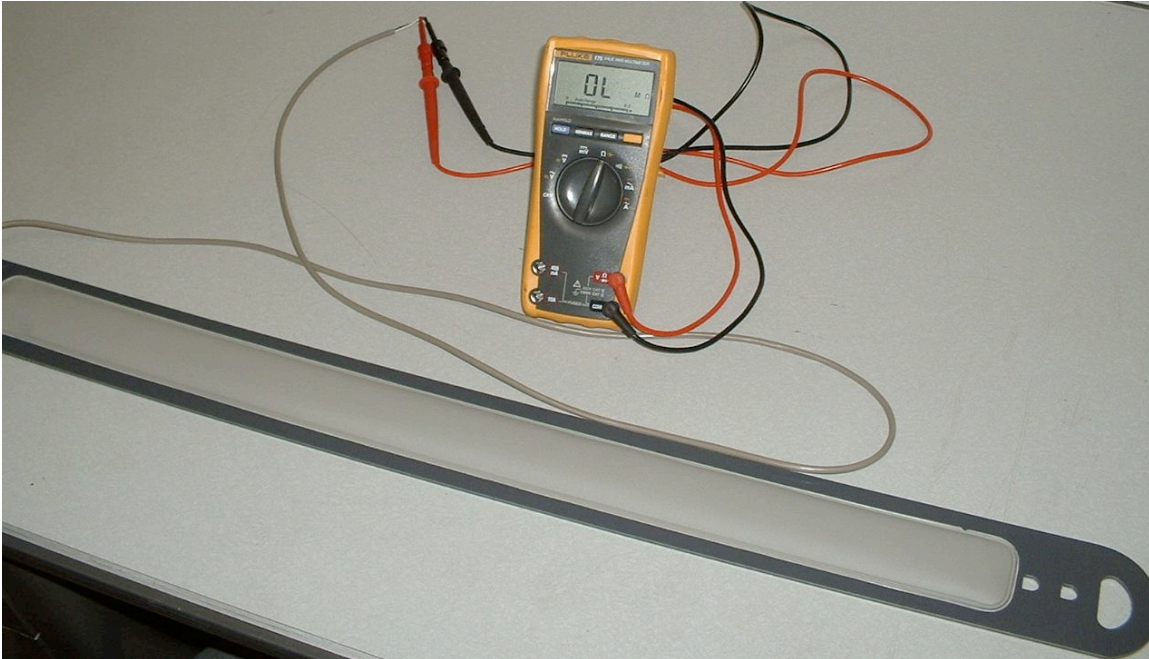


Best Practices for the use of Bed Occupancy Sensors (BOS) and Chair Occupancy Sensors (COS)

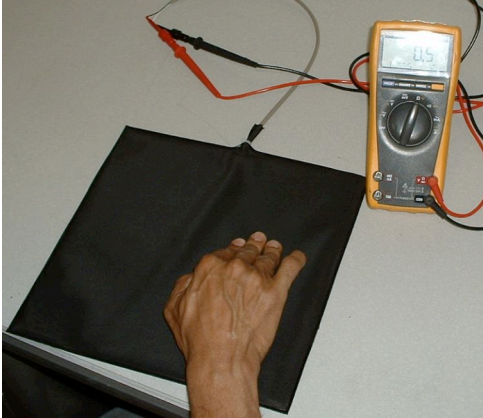
To clean the sensors wipe with a clean, dry cloth. Avoid holding any sensor by its connection wire while wiping.



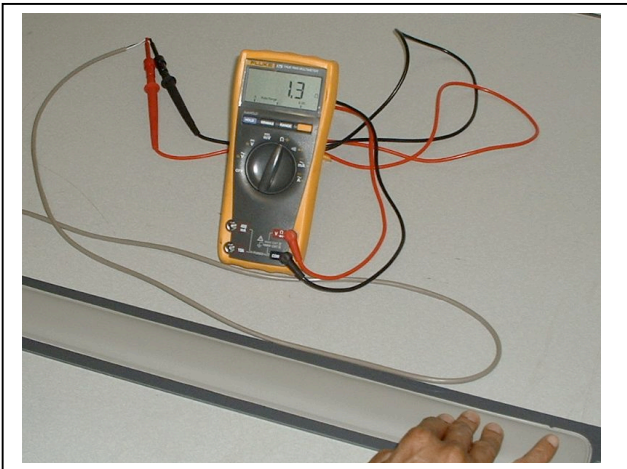
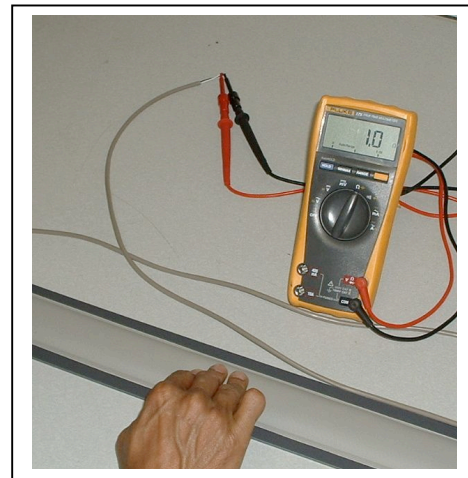
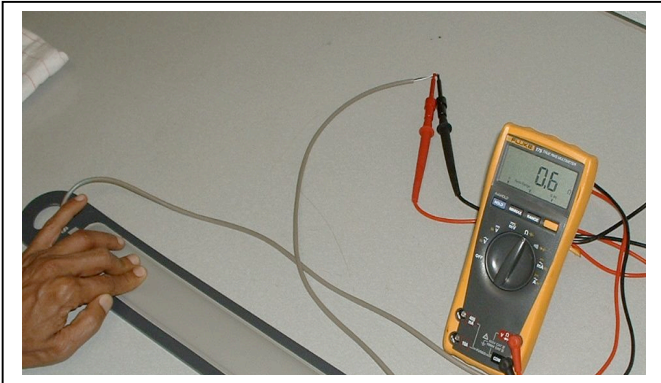
Test for correct activation of the BOS or COS using a resistance meter like a FLUKE Model 175. When not activated, the resistance should be greater than 10 Mohms, when activated, the resistance should be less than 10 ohms.



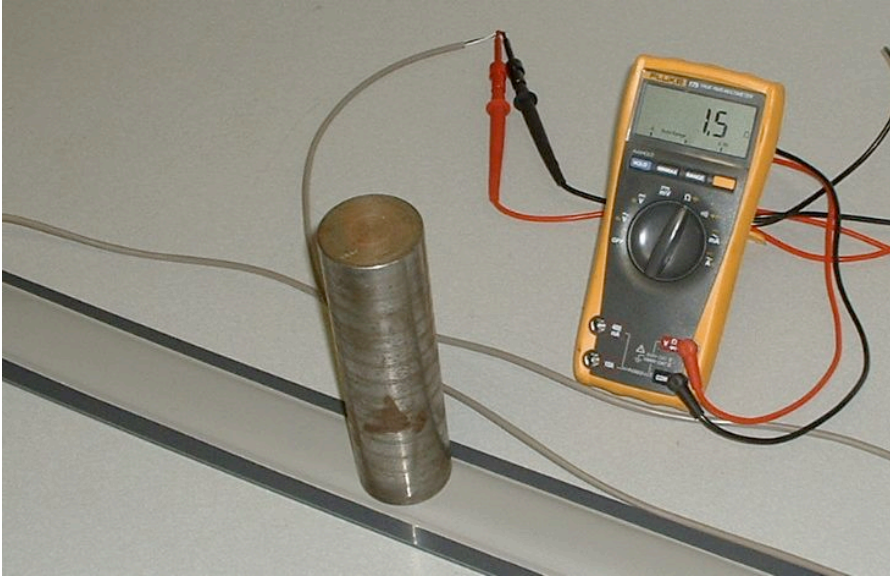
In the pictured test the resistance meter is reading beyond its capability to record a resistance reading. Interpret this as much greater than 10 Mohms.



When the sensor is activated the reading should be less than 10 ohms. In this picture the resistance indicated as the sensor is activated is 0.5 ohms, which is less than 10 ohms, indicating a functional sensor.



In testing the sensor, be sure to activate it in multiple positions as shown above left, middle and right.



The correct activation force may be tested by placing a five (5) pound weight on to the center of the BOS. The weight should have a pressure foot of one square inch to accurately test the BOS activation.



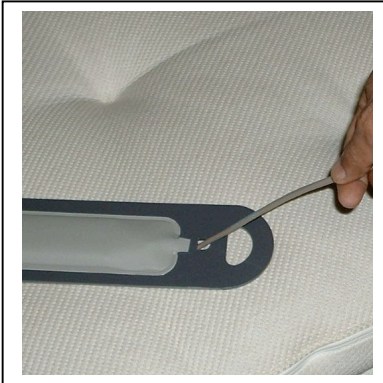
Place the COS onto the chair seat so that the maximum weight of the chair occupant is directly over the sensor.



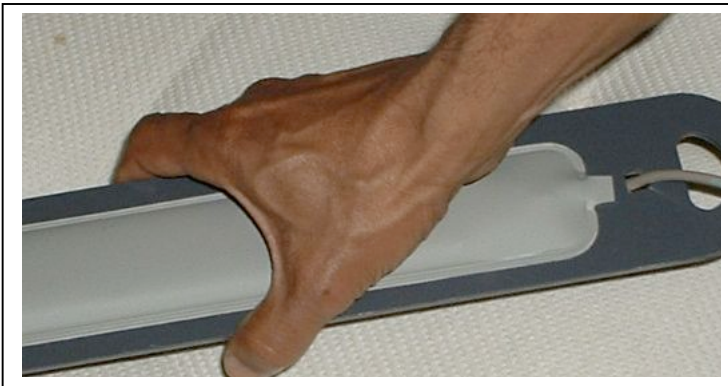
Position the BOS so that the person's weight is centered on the sensor. In general the best position for the sensor is under the buttocks or shoulders. In either case the sensor must be on a firm flat surface.



When placing the sensor be sure to have the wire exit the bed opposite the patient bed exit. Shown in this photo is the **WRONG** orientation for the bed sensor. Having the wire exit directly under a person's feet will encourage tripping and potential premature failure of the sensor due to accidental pulls on the wire.



NEVER remove the sensor from the bed or chair by pulling on the wire. The wire can pull out of the sensor. This breaks the sensor and cannot be restored.



Shown here is the correct way to remove the BOS from the bed. Grasp the sensor carrier and remove the sensor without pulling on the wire.