

# Sensor Cable Replacement

## Step 1. Remove cable from Sensor



Please clean and dry your hands before performing this procedure. Do not wear gloves since the powder inside them could be deposited on Sensor contacts. Place the Sensor on a clean, stable, moisture-proof surface.



Using a dental instrument, carefully lift and remove the tab cover from the back of the Sensor cable. Dispose of the tab cover as a new one will be used when the new cable is attached.



Using the screwdriver provided, loosen and remove the 2 screws that secure the cable to the Sensor. *If silicone gel is present, remove this material and discard it.* Dispose of the screws as new ones are supplied. Remove the cable from the Sensor.

### NOTE ABOUT HANDLING

Like other electronic devices, your Sensor is susceptible to electrostatic discharge (ESD), particularly when the device is used in or around carpeted areas or low humidity environments.

During cable replacement, when Sensor contacts are exposed, it is especially important to protect the device from potential ESD damage.

Touching a metal surface prior to replacing the cable will reduce the risk of damaging Sensor components by accidental static discharge.

The use of anti-static floor mats or floor treatments (for example Staticide 2005/2002) will also help eliminate static build-up in your office. Make sure the Sensor is placed securely on a clean, moisture-free surface.

### LIST OF MATERIALS

**To re-order accessories, use P/N B1209107**

Replaceable cable	(1)
Screwdriver	(1)
Screw tab cover	(2)
Elastomeric strip (blue, red)	(2)
Elastomer frame (blue)	(2)
Elastomer strip/frame (white)	(2)
Phillips flat-head screw (0-80)	(4)
Silicone gel disks	(4)

## Step 2. Identify configuration



If there is a white frame similar to the picture shown here, please continue with procedure A.



**A**

continues on reverse side



If there is a red frame similar to the picture shown here, please continue with procedure B.



**B**

continues on reverse side



If there is a blue frame similar to the picture shown here, please continue with procedure C.



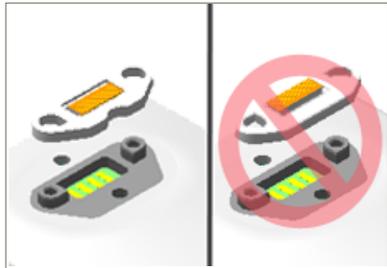
**C**

continues on reverse side

# Sensor Cable Replacement

## Step 3. Follow appropriate replacement

A



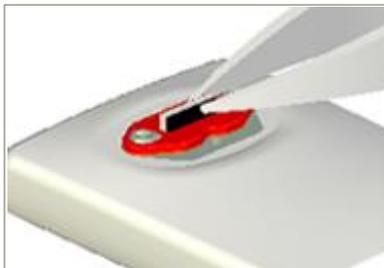
Using fingers, remove the small frame with elastomeric strip from the Sensor. Dispose of this part, as it will be replaced.

Take a new frame / strip from the spare parts kit and carefully place it into position, **flat surface facing up and notched cutout facing the longer side of the Sensor**. Avoid contact with the gold elastomeric strip in the center.

After inserting the frame / strip, apply a small amount of finger pressure around the outer edges to ensure that the material is seated squarely in the cutout area.

**IMPORTANT!** The frame / strip must be seated correctly for the Sensor to function.

B



Using tweezers, remove the small elastomeric strip from the Sensor. **Do not remove frame**. Dispose of this strip, as it will be replaced.

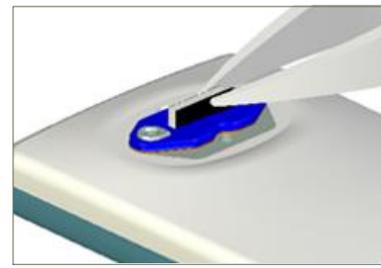
Take a new strip from the spare parts kit, holding it in the tweezers as shown above.

Insert the strip into its slot in the Sensor. *Strip shown darker for clarity.*

After inserting the strip, apply a small amount of finger pressure to ensure the elastomer is seated squarely in the slot.

**IMPORTANT!** The elastomeric strip must be seated squarely in the slot for the Sensor to function.

C



Using tweezers, remove the small elastomeric strip from the Sensor. Dispose of this strip, as it will be replaced.

Take a new strip from the spare parts kit, holding it in the tweezers as shown above.

Insert the strip into its slot in the Sensor. *Strip shown darker for clarity.*

After inserting the strip, apply a small amount of finger pressure to ensure the elastomer is seated squarely in the slot.

**IMPORTANT!** The elastomeric strip must be seated squarely in the slot for the Sensor to function.

## Step 4. Complete procedure



Remove cable from kit. Align the cable to the Sensor (sample shown) so the Sensor keying feature connects to the corresponding key in the cable. When properly aligned, the cable fits the back of the Sensor evenly and the metal area is completely covered.



Using the screwdriver, tighten the first screw just until you feel some resistance. Repeat this action for the second screw. Fully tighten both screws and make sure that they are securely tightened.



Using tweezers, remove a gel disk from its paper backing and place it over one of the screws you just tightened. Make sure that the gel material completely covers the screw. Remove another gel disk and repeat this action for the second screw.



Place a new tab cover over the screw slot and slide it across the slot while applying downward pressure, especially at the middle of the tab. When the tab completely covers the slot, snap it into place.

Part Number B1051081 Rev. 4  
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