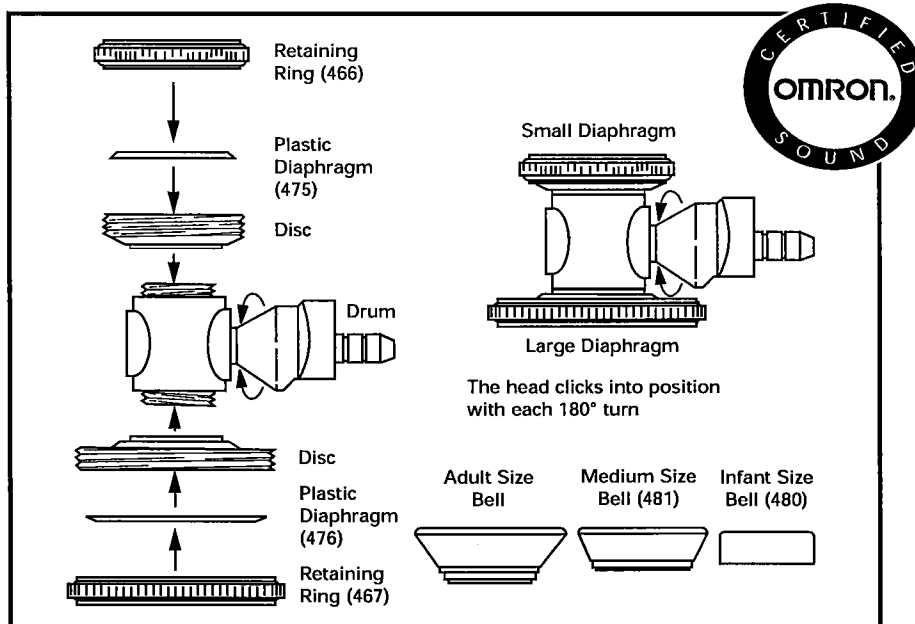


THE STRUCTURE OF THE CHESTPIECE



Sprague Rappaport-Type Stethoscope

The Sprague Rappaport-Type Stethoscope actually takes the place of five different stethoscopes! Designed with 5 different sized chestpieces, this instrument is highly useful in the detection of a wide range of heart and lung sounds. With such a wide range of uses you will find that you are always reaching for your Sprague Rappaport-Type Stethoscope and will not need any other stethoscope! The specific uses are as follows:

Diaphragm:

Use the diaphragm to detect faint, high-pitched respiratory sounds and components of certain cardiac sounds. The diaphragm attenuates low-pitched frequencies making high-pitched frequencies easier to recognize. To accommodate a range of patients, use the various sized diaphragms to better isolate the origin of sounds. Included are both child and adult sizes.

Bell:

Use the bell to detect low-frequency cardiac sounds, such as first and second heart sounds. As with diaphragms, you can match the bell size to the size of your patient to better locate the origin of a sound. For this reason, we provide three different sized bells: infant, child and adult.

Accessory Kit:

The accessory kit contains the following components:
 Two Diaphragms in adult and child sizes
 Three Bells in adult, child, and infant sizes
 Two Pair of Eartips

Instructions for Use

1. Make certain the eartips are securely fastened onto the binaural. The stethoscope comes complete with three sets of eartips. To secure the plastic tips you must screw them onto the binaural. To secure the mushroom tips, simply press firmly into place.
2. Carefully insert the binaural into your ears. For a more comfortable fit, you may find it necessary to adjust the binaural. Do NOT adjust binaural while inserted in ears. To reduce or increase spring tension, grasp the binaural on each side near the tension spring and gently pull apart or push together. Repeat process until desired tension is reached. For proper anatomic fit, we recommend twisting each arm of the binaural slightly out so when eartips are inserted they are pointing towards your face.
3. To make certain your stethoscope is working properly, **GENTLY** tap your finger on one of the diaphragms. You should be able to hear the tapping clearly. To determine which diaphragm is in the open position, **GENTLY** tap each diaphragm. The diaphragm that transmits the loudest sound is open. Now rotate the head of the stethoscope 180° until it clicks into position. Tap the second diaphragm. You should hear the tap strongly and clearly.
4. To replace a diaphragm, gently grasp the retaining ring and turn it counter-clockwise to unscrew. Be certain to unscrew only the retaining ring from the disk. Do NOT unscrew the entire diaphragm assembly. (Please refer to the chestpiece diagram.) Insert new diaphragm into retaining ring (as shown in the chestpiece diagram) and replace retaining ring by turning it clockwise.
5. To change from a diaphragm to a bell, firmly grasp the retaining ring and unscrew entire diaphragm assembly (retaining ring, diaphragm and metal disc) by turning it counter-clockwise. (See diagram of chestpiece assembly.) Attach the bell to the chest piece drum by turning it clockwise until secure.

