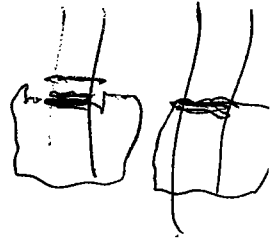


SE-7343

## Sympathetic and Differential Tuning Fork Set



### Sympathetic Tuning Forks

Two class A4/C-256 resonators, accurately matched to produce strong resonance. The massive fork configuration facilitates louder and longer audible tone.

### Assembly Instructions

As shipped, the weighted fork is set at unison (256 Hertz). Resonators are shipped unassembled. Forks must be securely attached to the resonator boxes utilizing mounting hardware provided. Washers are provided for both upper (top) and underside (inside) of resonator box. Insert screw through fork, washer and box to washer and bolt located on the inside of box to securely anchor the fork to the box.

### Sympathetic Resonance Demonstration

The weighted fork is provided with adjustable tuning weights. When affixed at the lower of the calibration markings (lower of the two calibration markings on the prong containing two markings, the fork will resonate at 256 Hertz (cycles per second).

With the open ends of the two boxes facing each other, excite one fork only to instill sympathetic resonance in the other fork (dampen the excited fork).

### Beat Demonstration

To demonstrate one beat per second phenomenon, move the weight on the prong with two markings up in line with the top calibration marking. The fork will now be set at 255 Hertz. With open ends of the resonator boxes facing one another, activate both forks. The one beat per second difference will be audible.

NOTE: Weights must be securely fastened to fork prongs utilizing the knurled thumbscrew.