



Ear Mold Impression INSTRUCTIONS

P.N. EAR-MOLD-KIT

Attached are your Ear Mold Impression instructions.
Please read thoroughly before proceeding.

How the Process Works:

STEP ONE

Create your ear mold impressions.

STEP TWO

Send the molds back to Rugged Radios:

Rugged Radios
509 Traffic Way
Arroyo Grande, CA
93420

STEP THREE

We will produce Challenger-II buds with
your custom ear molds and ship your
custom earbuds to you. Please allow
up to 3 weeks turnaround once your
molds are received at Rugged Radios.



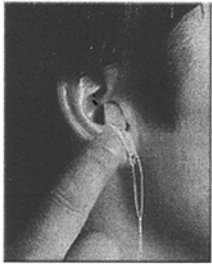
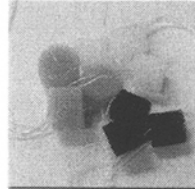
E-Z IMPRESSION KIT INSTRUCTIONS

Thank you for ordering the E-Z Impression kit. The following instructions will guide you step by step through the impression taking process. The kit contains 3 pairs of foam Oto Blocks, 1 syringe, and 3 containers of 2-part silicone impression material (green & white)

PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY BEFORE ATTEMPTING YOUR FIRST IMPRESSION. IF YOU HAVE ANY QUESTIONS PLEASE CONTACT OUR CUSTOMER SERVICE DEPARTMENT AT 1-800-327-4792

Step 1 - Inserting Foam Blocks

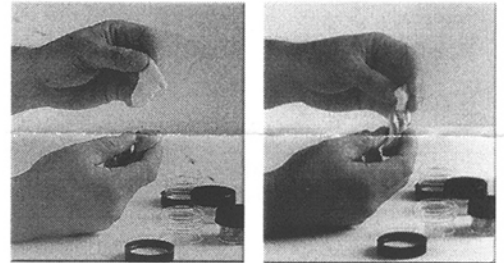
The foam Oto Blocks come in 3 different sizes small (gray), medium (white) and large (blue). Select the proper size for your ear canal. The string attached to the block will assist in the removal from the ear.



The block is placed in the opening of the ear canal with your finger. Then use a cotton swab or similar device, position the block just beyond the second bend in the ear canal. When properly positioned, the block should not be seen or should be barely visible when looking in the ear canal. Repeat process for other ear.

Step 2 - Preparing the Impression Material

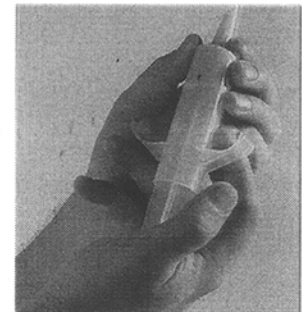
The silicone impression material is a two part compound, which consists of a base and a hardener (white & green). Only one container of white and green compound is required per impression. The compound must be kneaded together in order for the impression to be made. Once kneaded into a consistent texture and into a light green color, it is ready to be quickly inserted into the plastic syringe for insertion.



The compound will begin to harden immediately and will become rubber-like after Setup time may be affected by temperature. Compound will harden quicker at higher temperatures.

Step 3 - Inserting Compound into syringe

Remove plunger from syringe and insert kneaded impression compound. Insert plunger into the syringe and force compound down until it is 1/8" from the end of the tip or nozzle, this will eliminate air pockets



Step 4 - Inserting Compound into ear

Place the tip or nozzle of the syringe 1/8" into the ear and force the compound through the end with the plunger



Step 5 - Filling the ear

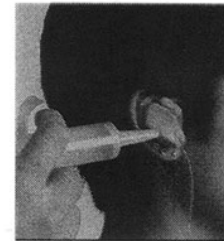
As the material fills the ear canal, slowly withdraw the syringe and continue filling the helix and bowl area



With the canal, helix and bowl area filled, lightly firm the material into the ear with your finger. This will eliminate air pockets in the compound.



Shoot the remaining material into the bowl area, helix, tragus, etc....



Lightly firm the material again into the ear to eliminate lines or air pockets. Be careful not to distort the ear or the impression.



Step 6 - Removing Impression

Allow material to setup for 10 minutes before removing from ear. If you remove it too early, you may distort the canal. To remove the impression, work your finger between the impression and the outer ear to loosen, then grasp the edges and pull out.



The Oto Block should be attached. If the block does not come out with the impression use the syringe to remove it.

Now that you have an impression, you must make an appraisal of its quality for your fitting. The following checklist is a useful tool:



- 1. Does the canal position extend to the second bend?
- 2. Is the Helix full and smooth?
- 3. Are there bubbles of air in the impression body?
- 4. Is the impression smooth and complete?
- 5. Is the impression shiny and slick?
- 6. Are the contours of the ears fold smooth and rounded?
- 7. Is the tragus covered by impression material?
- 8. Are there mold marks that look like wrinkles and cracks?

If you answered "Yes" to questions 1,2,4,7 you probably have an excellent impression to send to the lab. You should have answered "No" to questions 3,5, & 8.