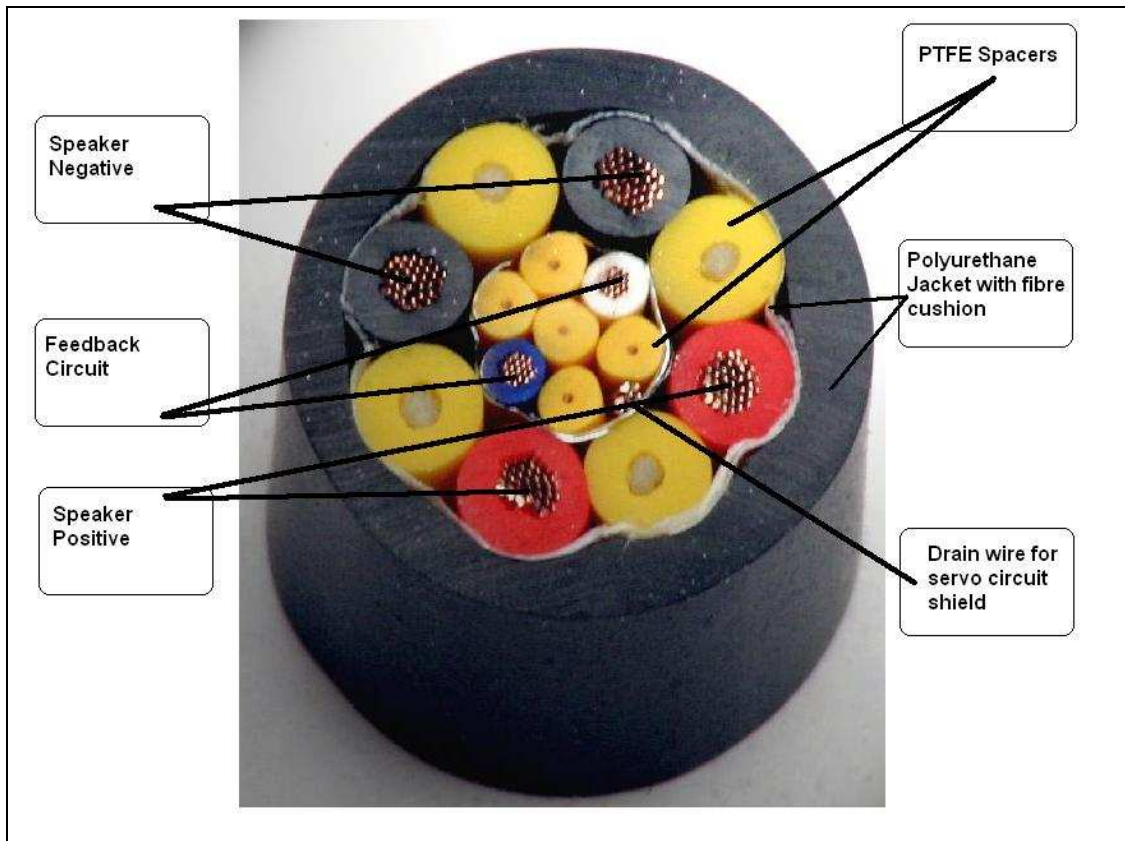


Genesis Servo Bass Cable Owner's Manual

Rev.1.0



The Genesis Servo/Bass Cable



The concept of our servo-bass system is an easy one to understand. It employs an accelerometer in the woofer to constantly monitor the movement of the cone and instantaneously compare it to the input signal. This comparison circuit identifies any deviation from the input signal and applies a corrective signal to compensate; resulting in the virtual elimination of the inherent distortion of the woofer.

In the Genesis products with an external amplifier, this means that the servo/bass cable that connects the woofer and accelerometer to the servo amplifier is a critical part of the servo system feedback circuit. The Genesis Servo/Bass cable is designed to work as a system with the servo circuit and the amplifier. It is a speaker cable, and a feedback circuit cable engineered together.

Grounded shielding is employed to ensure minimal crosstalk interference between the accelerometer return and the high-voltage speaker signal. Spaced and tightly constrained conductors are used for the speaker signal to ensure that the inductance, capacitance, and resistance of the cable are optimal for the servo system.

Instructions For Grounding the Shield On Genesis Servo Cables

Step 1.- Remove the grounding screw from the amplifier chassis. This screw is located on the rear left hand corner of the chassis bottom.



Figure 1

Step 2. – Using a small piece of 240 grit sandpaper sand the paint around the screw hole until the chassis metal is exposed.



Figure 2



Figure 3

Step 3. – Using the screw removed in step 1, attach the ring terminal connector on the Y-cable to the chassis.



Figure 4

Step 4. – Connect the male 1/8" mini jack connector on the ground lead of the left channel cable pair to one of the female 1/8" mini jack connectors on the Y-cable.

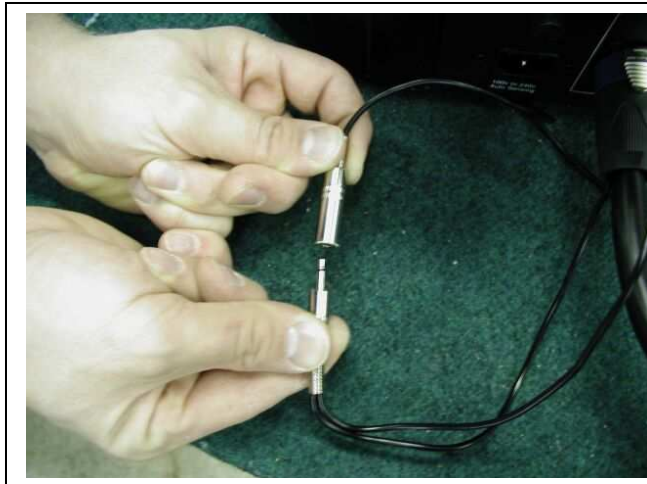


Figure 5

Step 5. – Connect the male 1/8” mini jack connector on the ground lead of the right channel servo cable pair to the second female 1/8” mini jack connector on the Y-cable.



Figure 6

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