

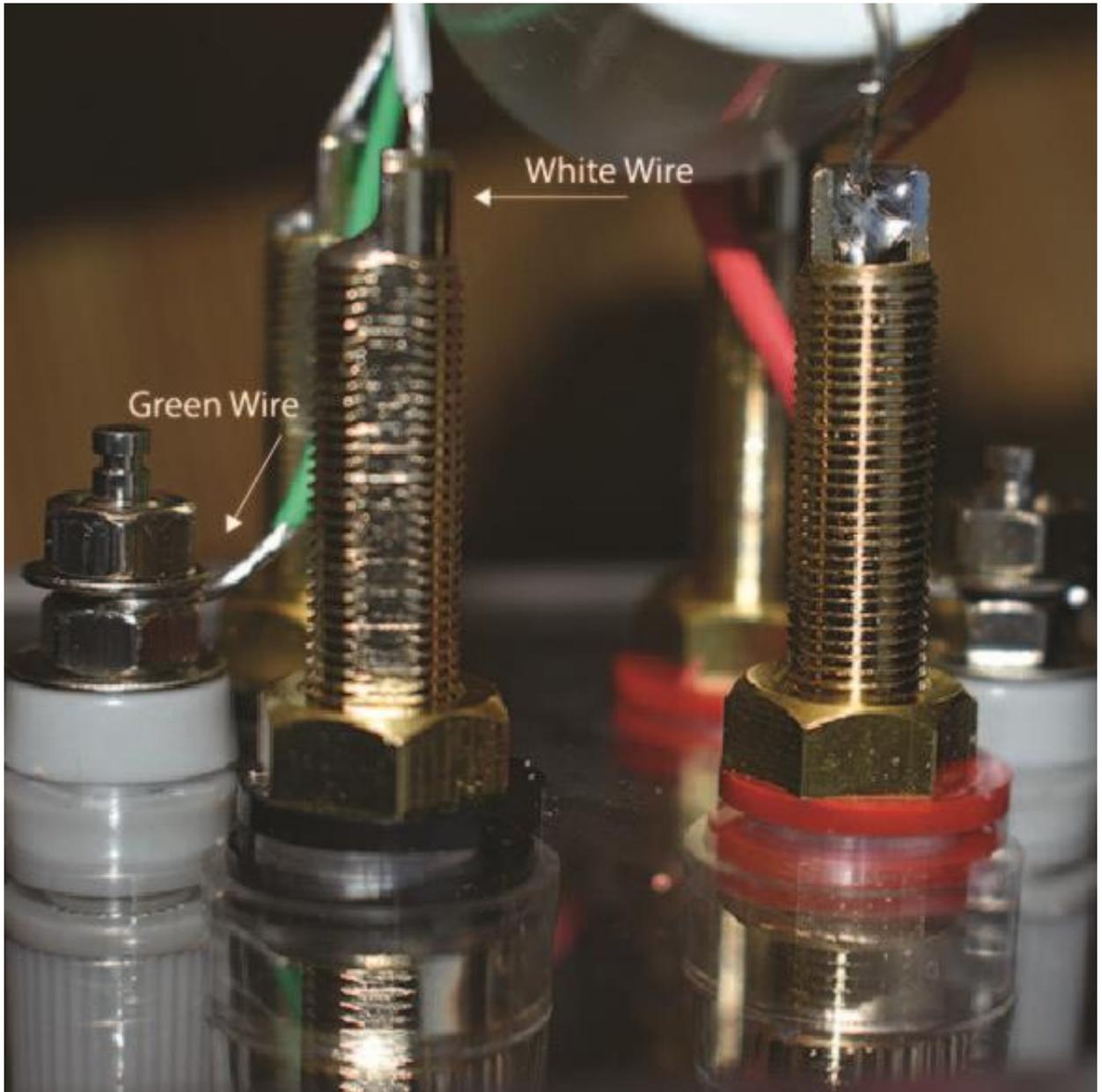
## Hon Hiro upgrade path

- Remove all previous horn(s) from top of speaker. If you have the Hon Itaria horn just remove the horn and plinth.
- If you are upgrading from the Gen 1 speakers remove the Heil Transformer, connection block and two wires going to the crossover on the rear panel. Keep the capacitor connected.

New mounting holes for the connection clock must be drilled. Use a drill bit just large enough for the silver connection tabs to penetrate the wood and allow the wires to enter the speaker. Place the new connector block on the speaker top to measure for the holes. It should be as illustrated:



- Once the wires are through the top of the speaker look for them to be inside near the top. Pull them through the back panel 3-inch hole and attach them in the same polarity (negative white wire to negative terminal **BLACK** and positive green wire to the **small grey/silver terminal** on the inside back crossover panel. exactly where the original high frequency driver wires were.



- Reinstall the back plate.
- As noted in the photo of the connection terminal, connect the red wire from the Hiro Horn to the terminal block LEFT side and the black wire to the RIGHT

terminal. Place the LARGE .5 OHM green resistor as shown into the terminal block. No polarity is needed. **Make sure all wires are in their proper place and not dislodged.** TIP: back the terminal screws out and place the Hiro Horn wires first then snake in the resistor wires.

- Here is another resistor. It's a smaller one that is green. The value is 10 OHMS of upgrading from the Heil Transformer to the Hon Hiro Horn. This takes the place of your former resistor on the back plate. It sets the volume for the horn. If the horn is giving too much treble go to a large value resistor such as a 12 OHM 10 watt. If the horn needs to give more treble go to a smaller resistor such as an 8 OHM 10 watt. It's fine to play with these values until you get the sound quality you desire. Leave the large top green resistor alone.
- If you need assistance feel free to email us at : [morris@shinjitsuaudio.com](mailto:morris@shinjitsuaudio.com)