

DESCENT

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Tools Required:

1/8" Allen head tool.

To Replace Woofer:

- 1 Turn off the Descent power switch. Disconnect AC power cord and inputs.
- 2 Use 1/8" Allen tool to carefully loosen all 8 woofer screws. Remove the bottom 2 screws last. Firmly support the heavy woofer and be careful not to let it fall free (fig. 1).
- 3 After it is free, gently position the woofer so that you can disconnect the 4 push-on connectors from the rear of the woofer. There are 2 heavy audio wires and 2 light weight servo wires for each woofer. Note that there is a positive and negative for both. The positive wires are both marked with RED. Also note that the woofer audio wire terminals are wider (3/16 in.) whereas the servo terminals are much thinner (3/32 in.) (fig. 2)
- 4 When replacing the woofer, be sure to connect the woofer and servo wires correctly. Note the RED dot on the woofer terminal indicates the positive (+) terminal. Also note that the wide woofer terminals are for the audio signal. The narrow terminals are for the servo wires. Be sure that the Servo wires are not allowed to lie directly on top of the toroidal transformer when re-installing the woofer. If these are allowed to get too close to the toroidal transformer, this can cause a hum in the system (fig. 3).

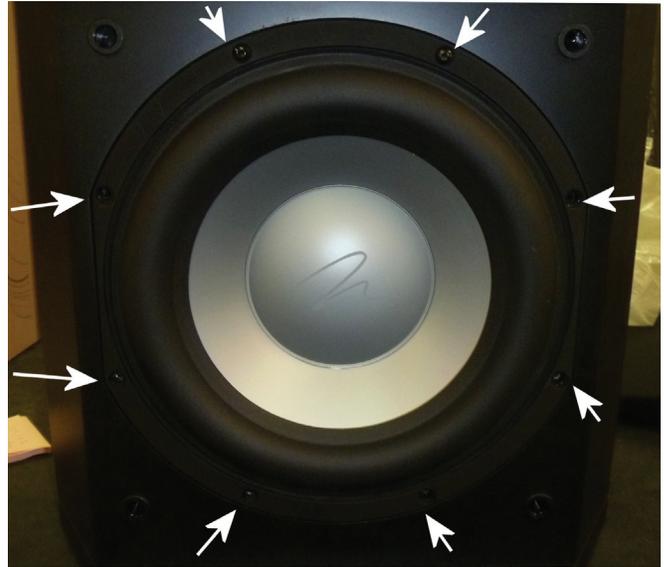


Figure 1

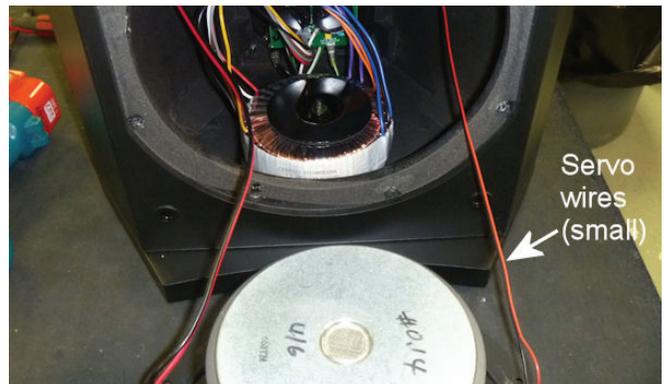


Figure 2

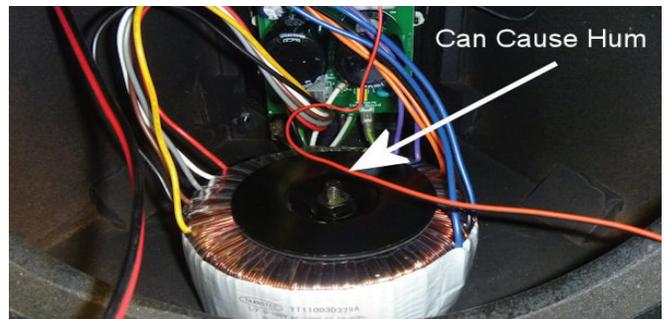


Figure 3

c l s e l e c t r o s t a t i c



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To Remove or Replace Backplate/Amplifier

- 1 Turn off the Descent power switch. Disconnect AC power cord and inputs.
- 2 Use 1/8" Allen tool to carefully loosen all 12 screws on the back of the speaker as shown (fig. 4).



Figure 4

- 3 Finish removing the screws and gently pull backplate away from cabinet. Disconnect the wires from the backplate as shown (fig. 5).
 - 1 = Woofer Servo wires (Pull straight up on this connection)
 - 2 = To Front control plate (Telephone style connector)
 - 3 = Woofer Wires (6 connections, 3 black and 3 red)
 - 4 = Transformer 1 (Squeeze Sides)
 - 5 = To Front control plate (Telephone style connector)
 - 6 = Transformer 2 (Squeeze Sides)
- 4 When re-installing backplate, make sure that all screws are installed snug, but are not over-tightened.



Figure 5

c l s e l e c t r o s t a t i c



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To Remove or Replace the Front Control Plate"

- 1 Locate and remove the 12 – 1/8" Allen head screws on the front control plate as shown (fig. 6).



Figure 6

- 2 Unplug the 2 "telephone style" connectors. Remove the Black and Red LED wires by carefully pulling up with a slight side to side motion (fig. 7).



Figure 7

c l s e l e c t r o s t a t i c



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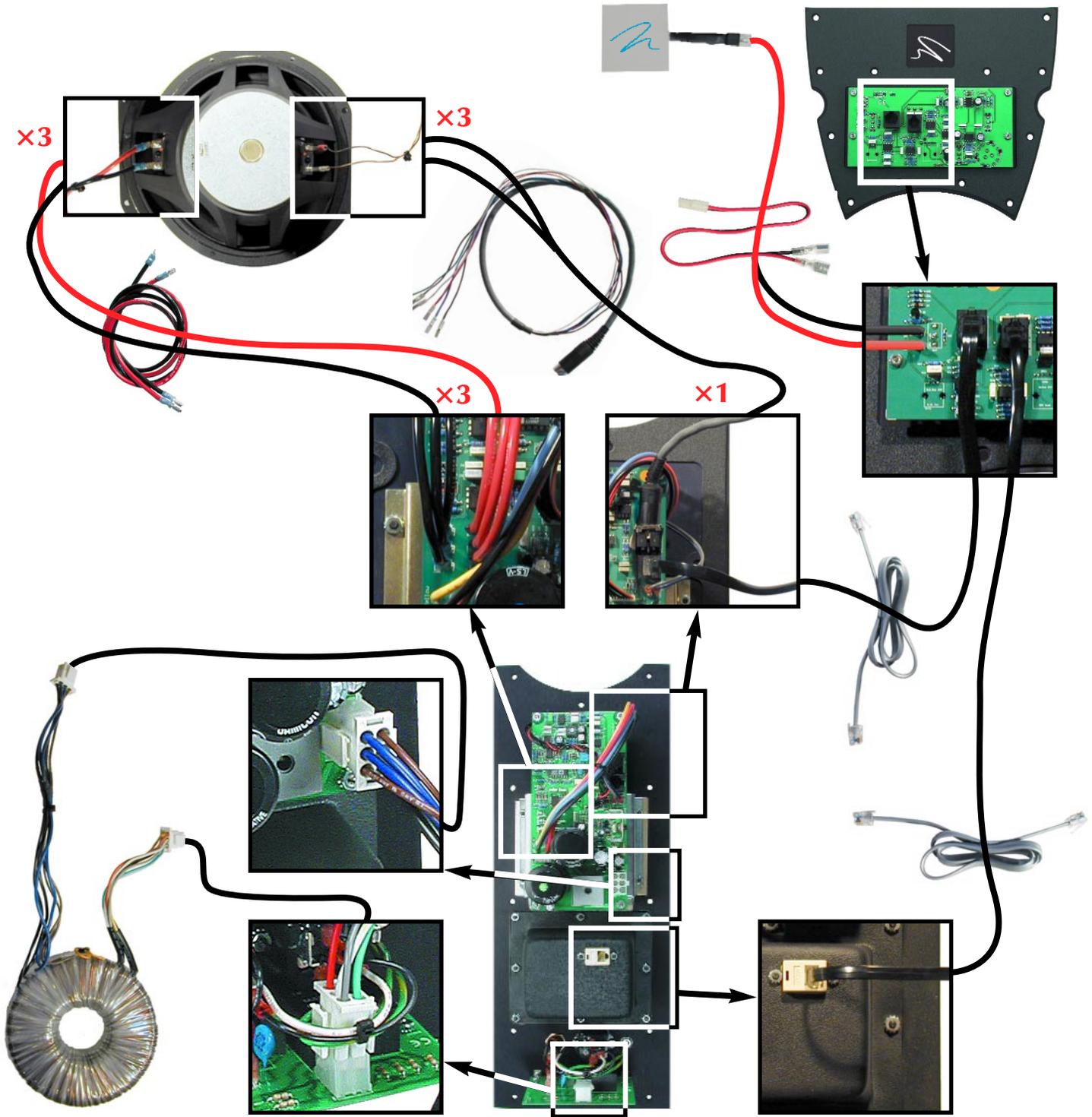
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Wiring Diagram



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