Bose-301 Series II Tweeter Replacement

Replace the tweeter on a Bose-301 Series II.

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INTRODUCTION

This repair guide visually maps out how to remove and replace the tweeters on a vintage Bose Series II speaker. Take caution when handling each component to ensure a successful repair.

🔧 TOOLS:

- Phillips #2 Screwdriver (1)
- 1/4" Drive Ratchet (1)
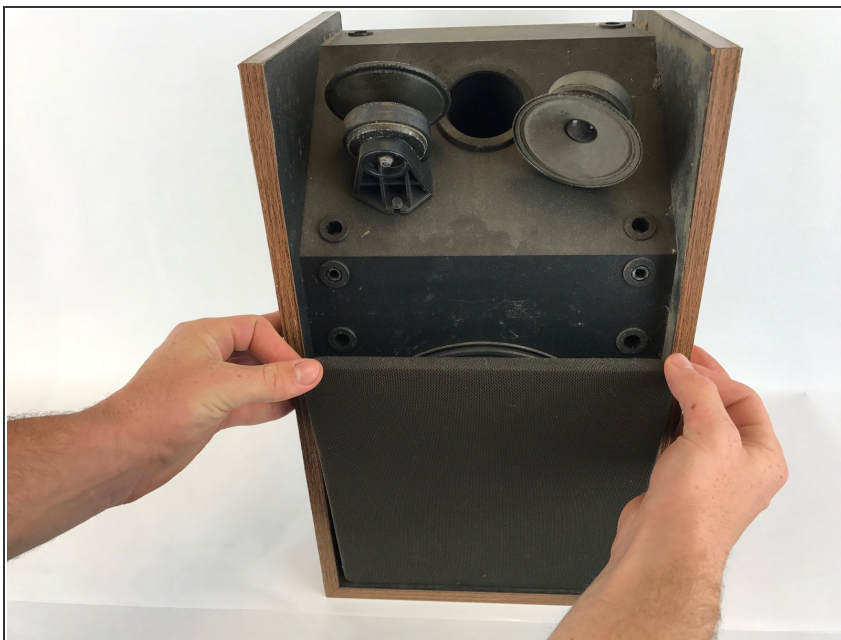- 1/4" Socket (1)
- Large Needle Nose Pliers (1)

⚙ PARTS:

- 2" Cone Tweeter (2)

1500 Hz, 90 dB

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Step 1 — Tweeter

- Begin the repair by placing the Bose-301 speaker vertically.

- Using two hands, pull the speaker grill towards you and away from the speaker body.
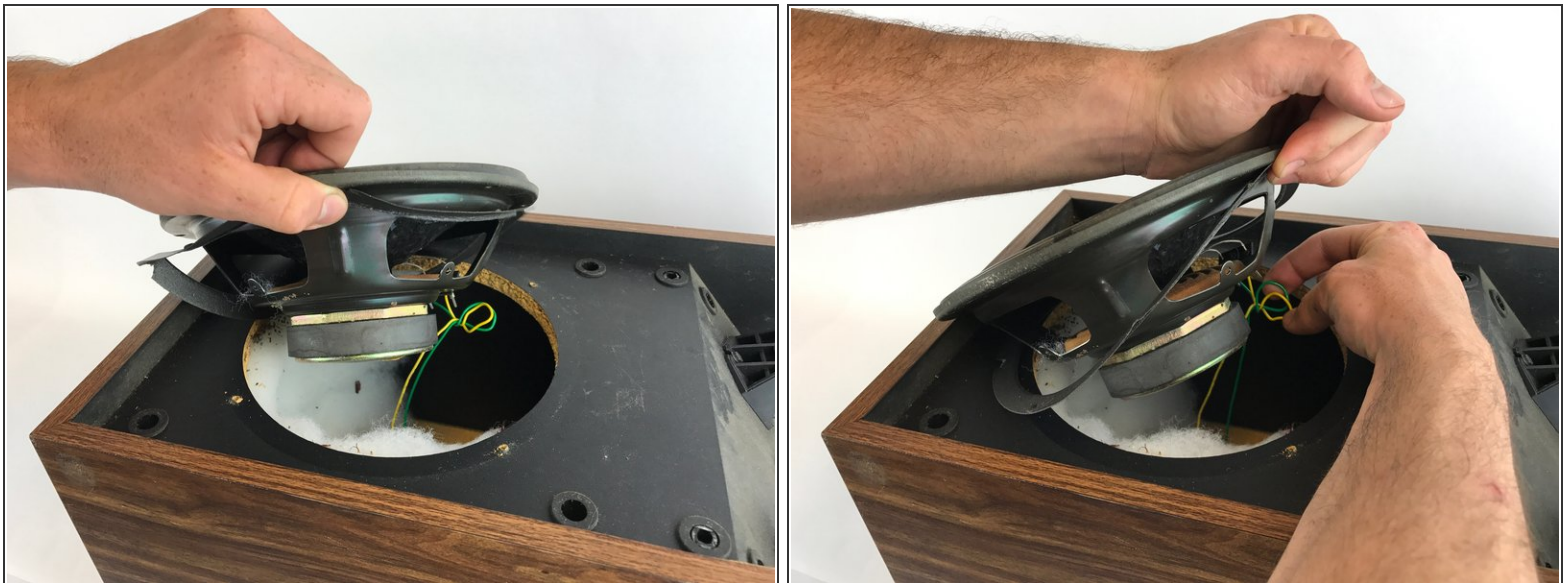
Step 2

- Pull the main speaker grill towards you to remove it from the body structure.

Step 3

- Lay the speaker body on its back.

- Using the Philips Screwdriver, carefully remove the four #2x19mm screws that mount the main speaker to the speaker body.

Step 4

- Untwist the slack in the wires that are connected to the main speaker.

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Step 5

- Carefully place the speaker off to the side.

⚠ Be sure to not place the speaker face down or put pressure on the speaker cone as this can damage the cone.

⚠ Be aware of the very strong magnet in the driver of the speaker, which can cause damage to electronic devices in close proximity.

- Then untwist the slack in the wires that are connected to the tweeters.

Step 6

- Using the socket wrench and the 1/4" socket, unscrew the 12.5 mm bolt that mounts the tweeter to the bracket.

Step 7

- While holding the tweeter, use your other hand to feed the wire through the hole at the bottom of the tweeter mount.

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Step 8

- Remove the tweeter from the mount and locate the two wires that connect it to the speaker.

- Using the pliers, untwist the wires that are attached to the two small rods at the bottom of the tweeter.

- Repeat process for the second tweeter.

⚠ Be sure not to excessively bend the bare wires in order to reuse it for the replacement tweeters.

To reassemble your speaker, follow these instructions in reverse order.