

## **TRANSFORMER UPGRADES FOR THE MARSHALL DSL100H AMPLIFIER**

These instructions are for upgrading the Marshall DSL100H amplifier's output transformer and adding a filter choke, using our ClassicTone 40-18026 output transformer and 40-18058 choke.

**WARNING:** Transformers should always be installed by a professional electronics technician since there are high voltages involved and may result in serious physical harm to yourself, the transformer and/or your equipment if installed incorrectly.

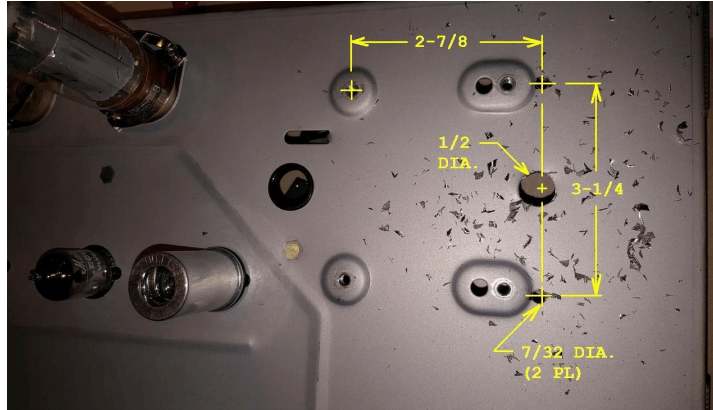
**Make sure amplifier is unplugged and allow five minutes for the high voltage on the filter capacitors to discharge.**

See page 2 for the output transformer installation instructions.

See page 3 for the choke installation instructions.

## \*REPLACING THE OUTPUT TRANSFORMER

- 1) Unsolder all six leads of the output transformer.
- 2) Remove the four screws holding the output transformer to the chassis.
- 3) Remove output transformer.
- 4) Drill two new holes with a 7/32" drill bit.
- 5) Drill a 1/2" diameter hole for a 3/8" I.D. rubber grommet. Insert grommet in hole. See photo below.



- 5) Connect the 40-18026 output transformer lead wires per the cross reference chart below.

<u>PRIMARY</u>		<u>SECONDARY</u>	
<u>ORIGINAL OT</u>	<u>40-18026 OT</u>	<u>ORIGINAL OT</u>	<u>40-18026 OT</u>
BRN	BLU	BLK	BLK (common)
GRY	WHT	NOT USED	ORN (4 Ohms)
RED	RED	GRN	YEL (8 Ohms)
		VIO	GRN (16 Ohms)

- 6) Attach the transformer with two original screws and two #8-32 x 1/2" screws. See photo below.



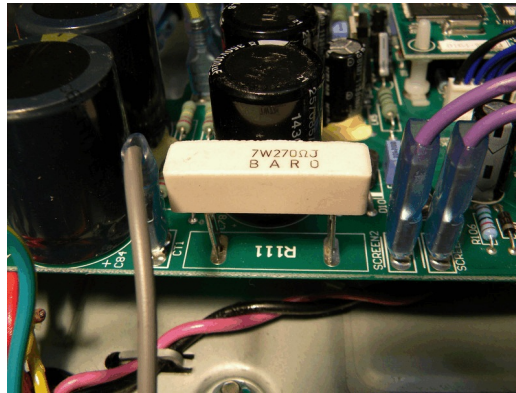
**\*Make sure amplifier is unplugged and allow five minutes for the high voltage on the filter capacitors to discharge.**

## \*ADDING THE FILTER CHOKE

- 1) Drill two new holes with a 7/32" drill bit, 2-13/16" apart. Mount the choke behind the power transformer. See photo below.



- 2) Attach the 40-18058 choke with two #8-32 x 1/2" screws.
- 3) Unsolder and remove power resistor R111 (7W, 270Ω). See photo below.



- 4) Solder the two lead wires from the choke to the circuit board in R111's place.

**\*Make sure amplifier is unplugged and allow five minutes for the high voltage on the filter capacitors to discharge.**