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R-14M Monitor Speaker Service Manual

Product Type: R-14M Monitor Speaker
Manual Part #: 1061500
Model Line: Reference Premiere
Product Launch Year: 2014

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Table of Contents

SPECIFICATIONS	2
R-14M SPECIFICATIONS	2
EXPLODED VIEW AND WARRANTY PARTS LIST	3
R-14M EXPLODED VIEW AND WARRANTY PARTS LIST	3
TROUBLESHOOTING GUIDELINES	4
TWEETER REMOVAL FOR R-14M	4
WOOFER REMOVAL FOR R-14M	10

Service Manual – Consumer

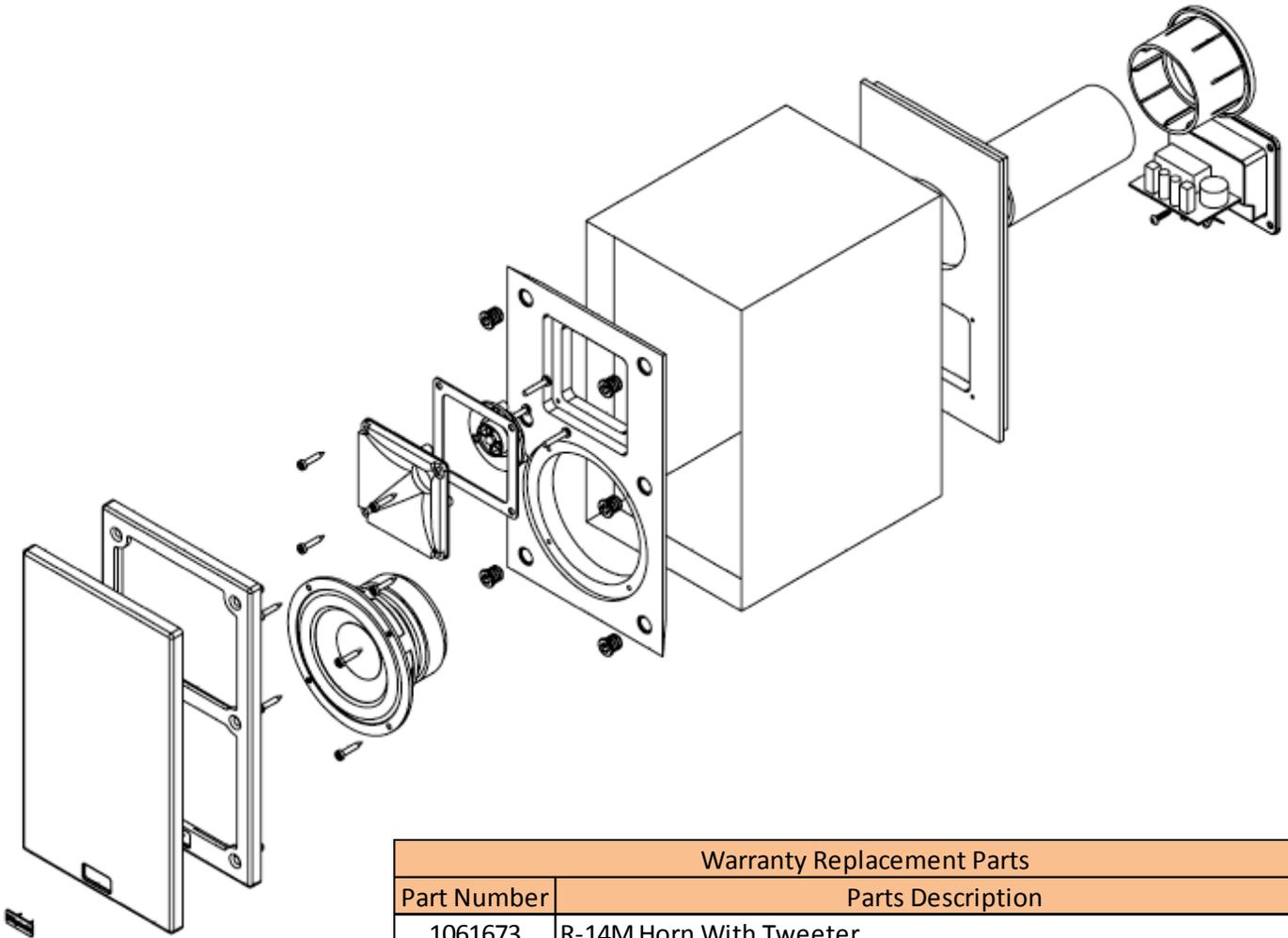
Specifications

Model: **R-14M**

SPECIFICATIONS	
FREQUENCY RESPONSE	64Hz - 24kHz +/- 3dB
SENSITIVITY	90dB @ 2.83V / 1m
POWER HANDLING (CONT/PEAK)	50W/200W
NOMINAL IMPEDANCE	8 Ohms Compatible
LOW FREQUENCY EXTENSION	58Hz
CROSSOVER FREQUENCY	2250Hz
HIGH FREQUENCY DRIVER	1" (2.54cm) Aluminum diaphragm compression driver mated to 90° x 90° square Tractrix® Horn
LOW FREQUENCY DRIVER	4" (10.2cm) copper spun magnetically shielded IMG woofer
ENCLOSURE MATERIAL	MDF
ENCLOSURE TYPE	Bass-reflex via rear-firing port
INPUTS	Single binding posts
HEIGHT	9.75" (24.8 cm)
WIDTH	5.88" (14.9 cm)
DEPTH	7.5" (19.1 cm)
WEIGHT	7.13 lbs (3.2 kg)
FINISH	Brushed Black Polymer Veneer
BUILT FROM	2014

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Exploded View and Warranty Parts List



Warranty Replacement Parts	
Part Number	Parts Description
1061673	R-14M Horn With Tweeter
1061674	R-14M Woofer
1061675	R-14M Grill With Logo
1061676	R-14M Network W/ Input Cup
1061677	R-14M Beauty Carton
1061678	R-14M Inner Pack

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Tweeter Removal for R-14M

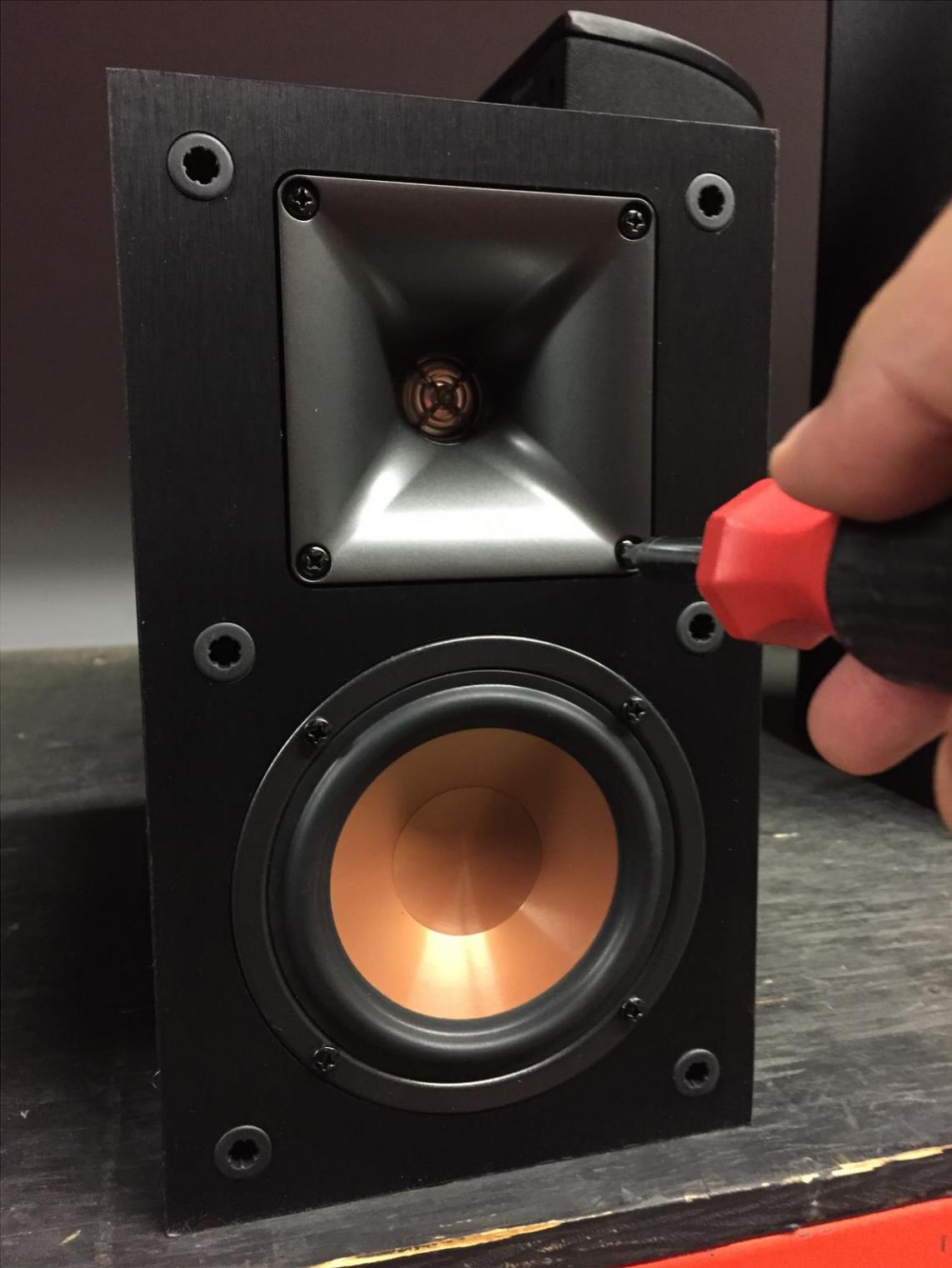
Tools needed:

#2 Philips Head Screwdriver

Small Flat Blade Screwdriver

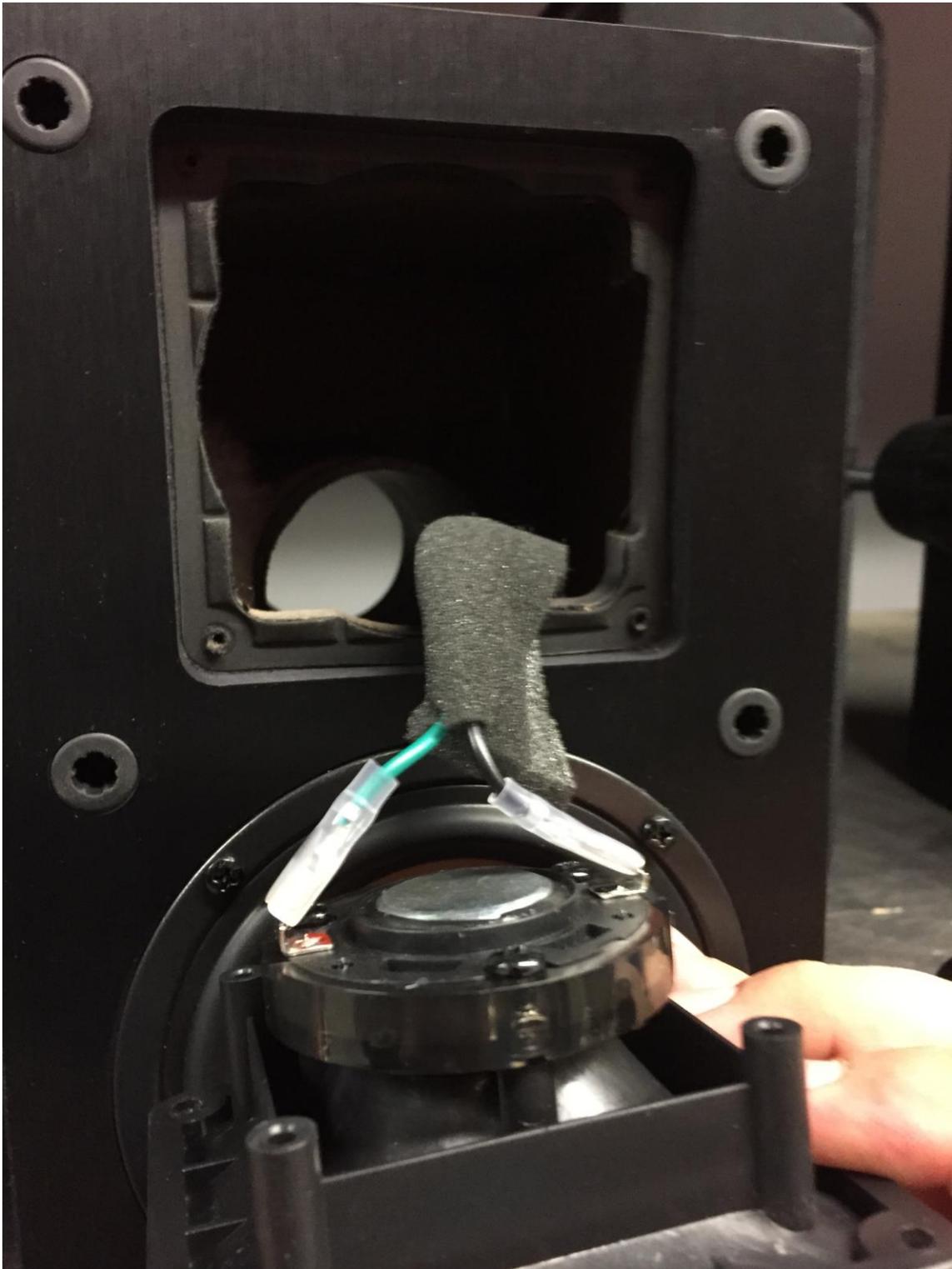
First, remove the four (4) screws from the corners of the tweeter, highlighted in red





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Once the screws are removed, the tweeter should come free and appear similar to the picture below.



Service Manual – Consumer

Once the tweeter is removed from the cabinet, slide back the silicone covers on the terminals, and use a small flat blade screw driver to release the wire clips holding to the positive and negative terminals of the tweeter.



Service Manual – Consumer

Once the tweeter is removed, the speaker will look as shown below.



Service Manual – Consumer

Next, plug the wires on to the new tweeter, and slide the silicone covers back over the terminals.

Place the tweeter back into position, and replace the screws.

Service Manual – Consumer

Troubleshooting Guides

Woofers Removal for R-14M

Tools needed:

#2 Philips Head Screwdriver

Small Flat Blade Screwdriver

First, remove the four (4) screws from perimeter of the woofer, highlighted in red



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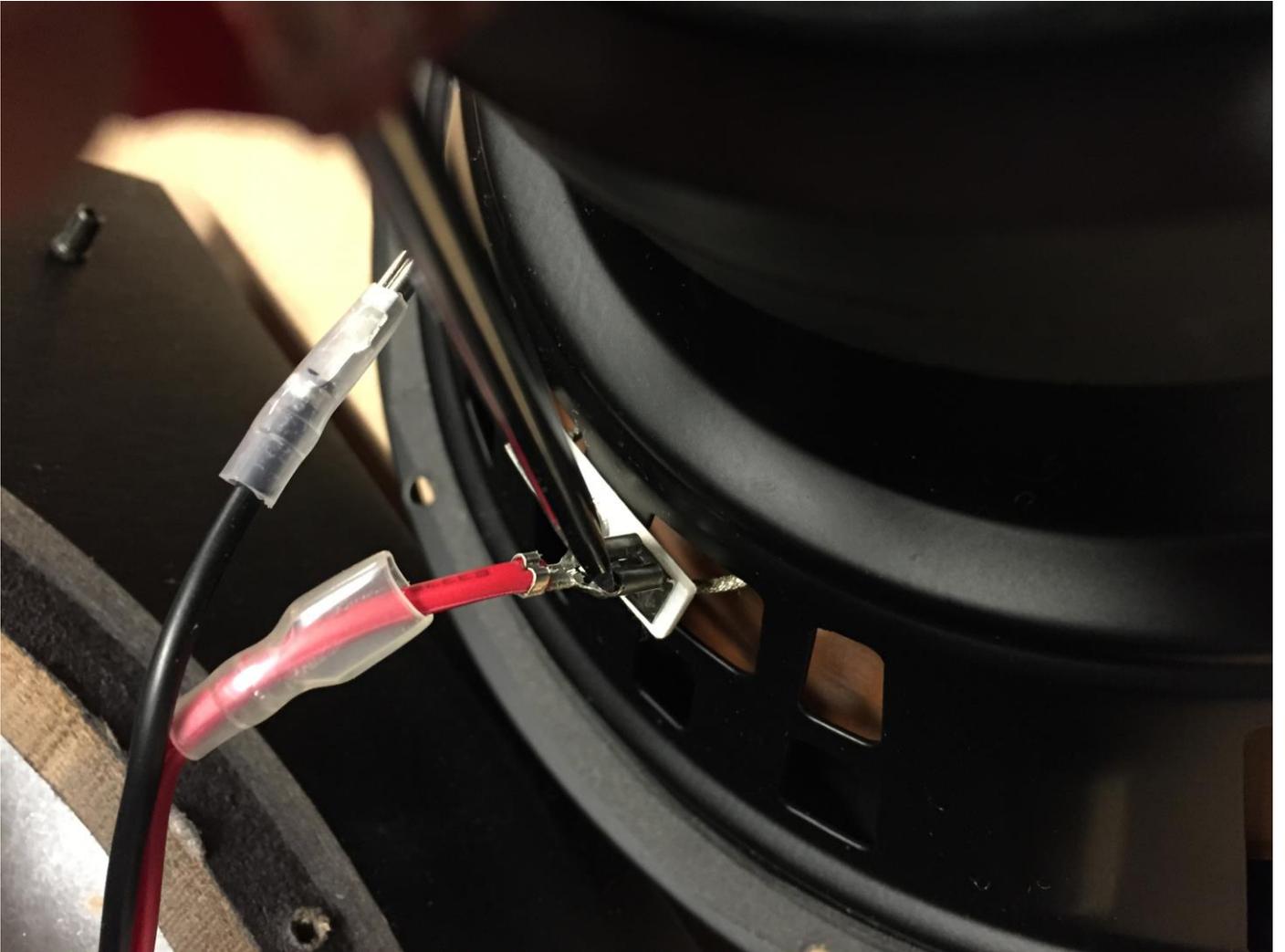
Service Manual – Consumer

Once the screws are removed, the woofer should come free and appear similar to the picture below.



Service Manual – Consumer

Once the woofer is removed from the cabinet, slide back the silicone covers on the terminals, and use a small flat blade screw driver to release the wire clips holding to the positive and negative terminals of the woofer.



Service Manual – Consumer

Once all the screws have been removed, the woofer should come free as shown below.



Service Manual – Consumer

Next, plug the wires on to the new woofer, and slide the silicone covers back over the terminals.

Place the woofer back into position, and replace the screws.

Replace the trim ring by setting into position and gently pressing the trim ring around the edge, verifying the clips on the back are locking into place. Once this is done, the trim ring should sit flush with the front of the speaker