

Driver Reconing Procedure

1

Cone cutting

Cut the cone with a sharp edge tool and remove it.



2

Voice coil removal

Cut the coil wires, spiders and remove the complete moving assembly



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Steel Ring support removal

Remove the steel ring support as shown in the pictures.



4

Basket cleaning

Protect the magnetic air gap via adhesive tape, remove gasket, spider parts and adhesive residues from the basket and spider area.



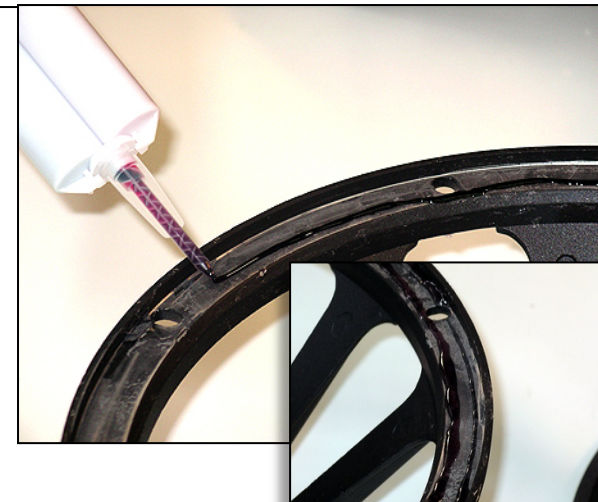
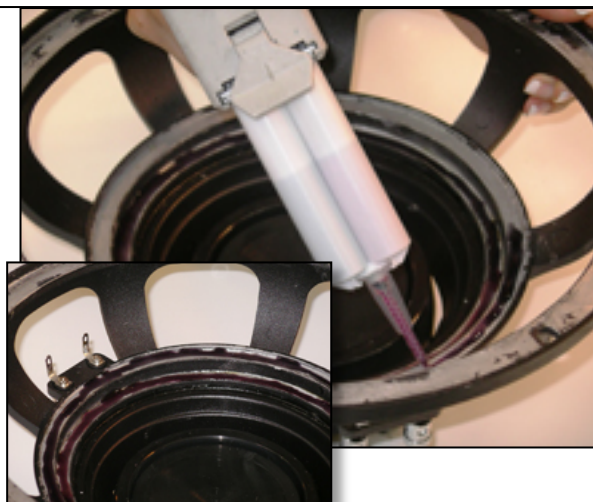
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Applying adhesive on cone and spider areas

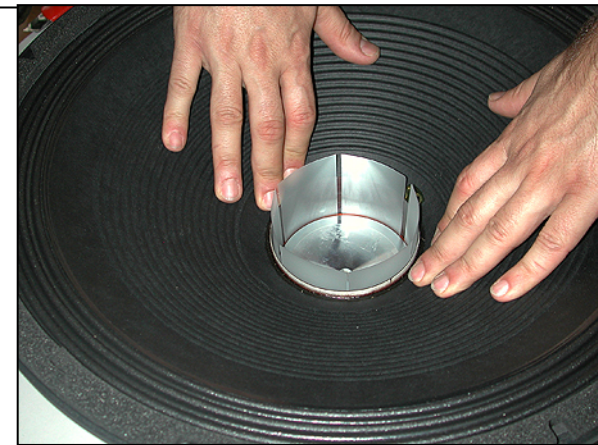
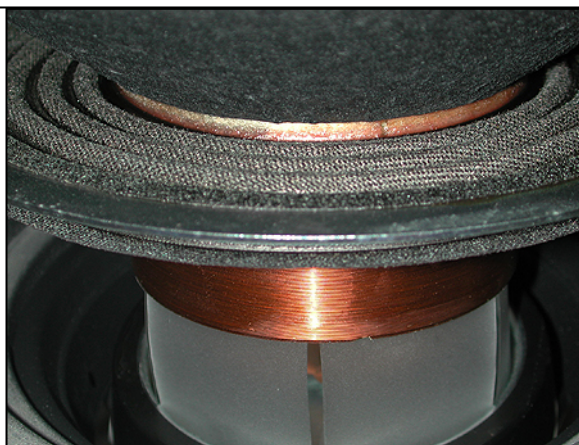
Apply adhesive on the suspension and spider areas.



6

Centering the moving assembly

Insert the aligning tool in the voice coil recone kit and place the complete moving assembly in the basket, as shown in the picture) taking care of leaving the voice coil lead wires aligned with the basket connectors. Let the adhesive cure at least ... hours then take out the aligning tool.



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Dust Cup

Apply glue on the dust cap and position it centered over the cone (voice-coil opening).



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Dust Cup

Place a weight on the dust cap to keep it stable during the adhesive curing.



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Wires soldering

Solder the voice coil wires to the basket connectors taking care of leaving a bridge to support the natural mechanical excursion of the cone.



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Polarity check

Check the electrical polarity applying 4.5V DC (from a battery or power supply).

Connect the positive pole to the red terminal. You should report a positive movement of the cone (up-wards)

Acoustic check

Apply a 20Hz side tone with voltage between 10 and 20Vrms (depend on the size and impedance of the speaker).

You should'y heard spurious signal or noise that could be due to improper assembly.

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Suggested Glues

<i>Manufacturer</i>	3M	3M	3M	CIBA	CIBA	MOYEN
<i>Model</i>	DP-125	DP-420	DP-190	2011	2012	RS-3087
Voice Coil - Spider	OK		OK	OK	OK	
Spider - Basket	OK	OK		OK	OK	
Membrane - Basket	OK					OK
Dust cup - Membrane	OK		OK	OK		OK

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