



stage accompany

Technical Documentation

Replacement instructions for 1202/3/5 and 1502/3 low frequency transducers

Tools needed: Knife, sharpened screwdriver (preferably non-ferro), adhesive tape, solder and soldering iron.

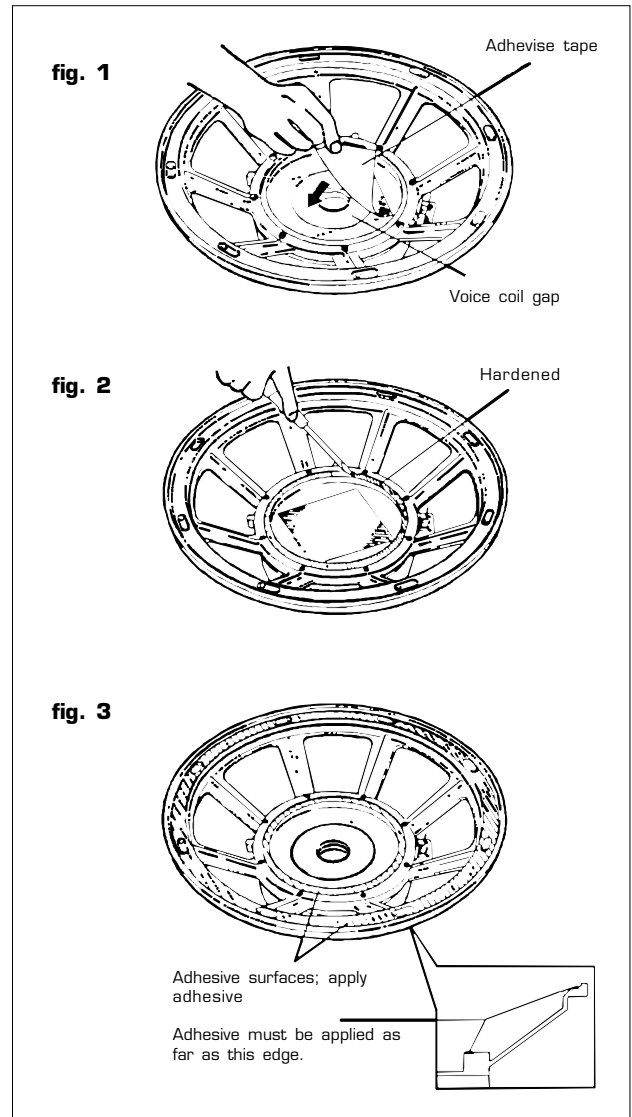
Reconing of a Stage Accompany low frequency driver always has to take place in a clean environment, free of any metal particles and dust.

Removing the speaker cone:

1. Mark the mounting holes on the frame, remove the gasket and unsolder the leads from the woofer terminals.
2. Cut around the surround of the cone and also the periphery of the spider using a knife or the like, and then remove the cone.
3. Clean the voice coil gap of the magnetic circuit with a strip of adhesive tape or high pressure air if necessary and apply adhesive tape to the gap to keep out dust and metal particles (see figure 1). Renew the dust filter if necessary.
4. Using a sharpened screwdriver, break up and remove hardened adhesive from the surround and the spider. Ensure that the adhesive is completely removed (see figure 2).
5. Apply ethyl acetate or similar solvent to the surround and the spider, and completely remove hardened adhesive. Carefully remove particles of adhesive from the frame and magnetic circuit.

Reconing the speaker:

6. Remove the adhesive tape from the voice coil and place the paper alignment card to centre the cone. Then apply adhesive to the surround and spider frame edges (see figure 3).
7. Place the new cone so that the leads are in the vicinity of the woofer terminals, and push the voice coil lower into the gap. After centering the voice coil, press the surrounds of the cone and spider into the respective adhesive surfaces of the frame.
8. Glue the 6 millimeter gasket in the specified position with regard to the marked mounting holes. Turn the frame, place it on a flat surface and glue the 2 millimeter gasket to the frame regarding the mounting holes.
9. Leave the woofer for approximately 24 hours. Then solder the leads to the terminals. Ensure that the leads are left long enough (1202/3/5: 5 cm, 1502/3: 7 cm) to allow free movement of the cone. Also ensure that the leads do not come into contact with each other or with the cone.
10. Place the woofer on a flat surface with the cone facing upwards. Remove the paper card



and check to ensure that there are no particles of foreign matter either on the top of the center pole or in the vicinity of the gap. Verify the free movement of the voice coil in the magnetic gap.

11. Apply adhesive around the voice coil and then install the cap into the cone. Place a little weight of approx. 175 g on it and leave it to dry naturally for 24 hours before testing and reinstalling.

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