



stage accompany

Technical Documentation

Replacement instructions for the SA 8535 Ribbon Compact Driver™

Tools needed: Screwdrivers: pozidrive 2 and 1 x 6 mms (non-ferro!).

Replacing of the diaphragm of a Stage Accompany Compact Driver always has to take place in a clean environment, free of any metal particles and dust.

Small metal parts attracted by the magnets can destroy the diaphragm!

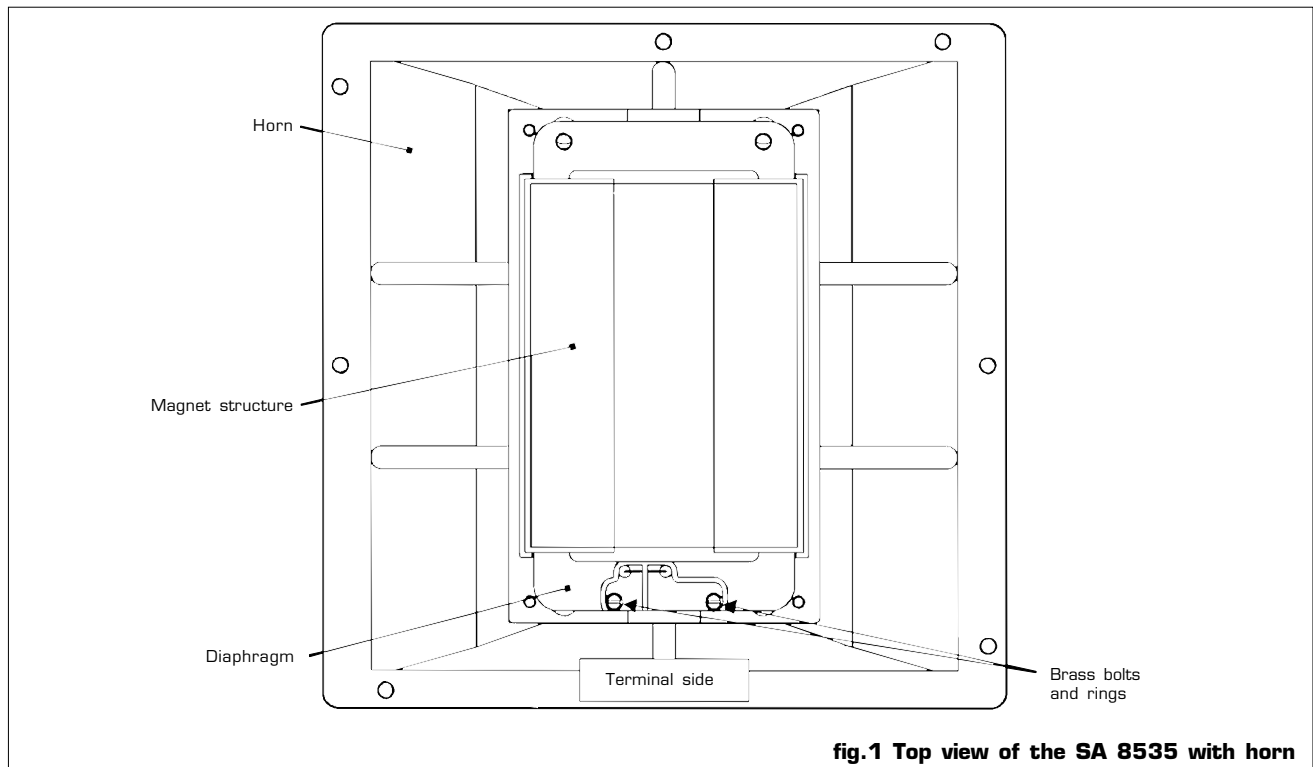


fig.1 Top view of the SA 8535 with horn

Removing the diaphragm:

1. Remove the four screws of the cap and keep them on a sufficient distance from the Compact Driver.
2. Remove the cap. Now the driver looks like the driver in the figure below.
3. Remove the two brass bolts and rings that keep the diaphragm in place (see figure 1).
4. Slide the diaphragm in the direction of the terminal side, out of the magnetic assembly. Take care that the sheet of diaphragm damping material is removed too.
5. Clean the driver from rests of the diaphragm damping material. Also clean the driver from any metal particles.

Replacing the diaphragm:

6. Unpack the new diaphragm with damping sheet and loading foil.
7. From the terminal side, slide the sandwich of diaphragm, damping sheet and loading foil

carefully into the magnetic assembly. The loading foil facing the magnet structure and the diaphragm facing the horn. Take care that the loading foil does not move with respect to the diaphragm and be sure that the diaphragm damping sheet remains evenly distributed over the entire diaphragm surface.

8. Position the diaphragm with the mounting holes above the terminals.
9. Remove the loading foil in the direction of the terminals while keeping the diaphragm and damping sheet in place.
10. Secure the diaphragm with the two brass bolts and rings to the terminals. Make sure the diaphragm is well centred.
11. Mount the cap and secure it with the four screws.

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