



stage accompany

# Technical Documentation

Replacement instructions for 8520/25/26 Ribbon Compact Drivers™

**Tools needed:** Screwdriver 1 x 6 mms (non-ferrol) and ringwrench 8 mms.

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.

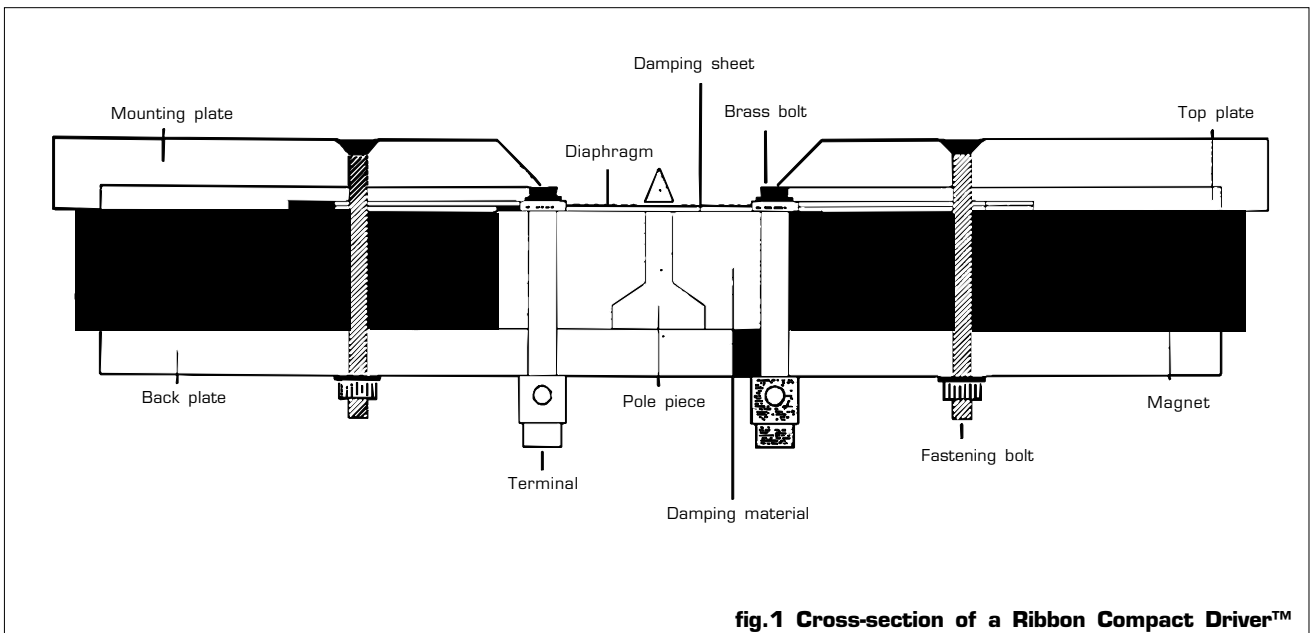


fig.1 Cross-section of a Ribbon Compact Driver™

## Removing the diaphragm:

1. Remove the four fastening bolts of the mounting plate and keep them on a sufficient distance from the Compact Driver.
2. Remove the mounting plate.
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 mounting holes, 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 and verify that the damping material in the back volume has been evenly distributed.

## 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 diaphragm facing the top and the loading foil facing the back volume. 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.

## Important:

Special care has to be taken that the diaphragm damping sheet remains evenly distributed!!

10. Secure the diaphragm with the two brass bolts and rings to the terminals.
11. Replace the mounting plate and secure it with the four fastening bolts.

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