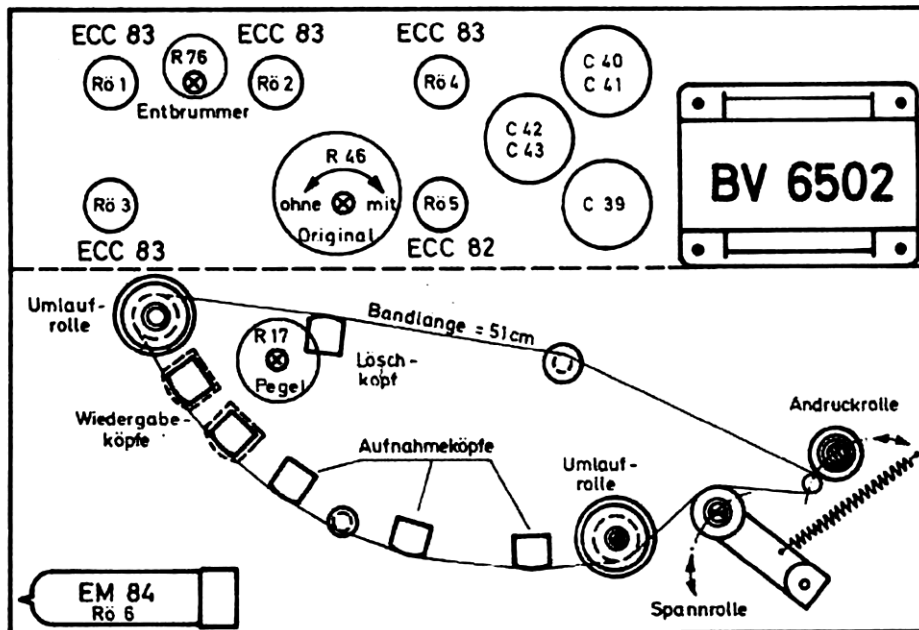


ATTENTION! Before replacing the mains fuse, the line cord must be unplugged.

The line cord is placed in a special compartment at the rear of the unit. When it is plugged into an appropriate mains outlet, the unit is ready for operation.

G) Mechanical design

The E 51 is basically a tape recorder with a circulating magnetic tape loop. Access to the tape drive chassis is achieved by opening the top cover.



The tape drive is controlled mechanically as well as electrically by the four push-buttons. When the push-buttons REVERB. or MAINS are depressed, the pressure roller is detached from the capstan by the pressure lever. If both the push-buttons REVERB. and MAINS are released, that is the case when the unit is switched on and one of the buttons SHORT or LONG is depressed, the pressure lever is released and the electric motor starts. The pressure roller is then pressed against the capstan and the magnetic tape loop is transported. Both the tension and movement roller should be rotating freely and truly circular. Non-circular rotation of these rollers will impair the sound reproduction by wowing and distorted reverberation. After approx. 500 operating hours the mentioned rollers might jam or rotate irregularly. In this case the mounting screws of the rollers must be unscrewed and the rollers and bearings must be cleaned with alcohol-soaked linen cloth. It is recommended to clean at the same time also the rubber pressure roller, the magnetic head faces, and the capstan in the same manner.