

# PHILIPS *Service*

## INFORMATION

5-11-1963

EL 3534 - EL 3549

Bc 430



### Reduction of mechanical noise

This section substitutes Bc 394

In order to reduce mechanical noise the following modifications can be made.

The five measures mentioned below should be taken in the order as stated. Should the mechanical noise be removed before all five measures have been taken, then it is not necessary to continue. The conversion kit, code number 4822 215 00783, contains all parts for the modifications mentioned below.

Contents of the kit:

|                  |                |
|------------------|----------------|
| 1 idler wheel    | WY 876 01      |
| 1 ring           | 4822 220 00332 |
| 1 torsion spring | 4822 214 00942 |
| 8 rubber grommet |                |
| 8 spacers        |                |
| 4 screws         | 999/4X25       |

#### I. Damping of idler wheel bracket

For this a torsion spring, item 183a, must fitted as shown in fig. 1. After mounting, check whether the idler wheel bracket can easily be operated. The contact faces of the spring must be greased (code number of grease: A9 881 22/P50). The code number of the spring is: 4822 214 00942.

#### II. Modification to the idler wheel

Should after some time the mechanical noise still be perceptible at  $7\frac{1}{2}$ " / sec., then the idler wheel, item 175, must be replaced. The new idler wheel has closer tolerances and is indicated with a blue cross. The code number is: WY 876 01. At the same time a ring, item 174, has been added (see fig. 1).

III. Modification to the mounting of the chassis

The chassis on the back side should be mounted to the cabinet by means of grommets. Use should be made of the grommets WRB 905 TU/8x1 and spacers with a length of 5.6 mm inner diameter 4.1 mm, outer diameter 5.6 mm.

Mounting should be effected as shown in fig. 3b of the Service Notes to the EL 3549. This way of mounting requires longer screws. Code number 999/4x25.

IV. Modification to the mounting of the motor


The mounting of the motor should be effected with the aid of the same rubber grommets and spacers as mentioned under III.

V. Check of the mounting of the metal cover plate

Check that the metal cover plate of the chassis remains entirely free from the bearing plate 138. If necessary, bend the cover plate upwards.

JFW/CB

CENTRAL SERVICE

  
A. Remmers.