

SAILOR

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Driver Tube for T128 (can be used in T121)

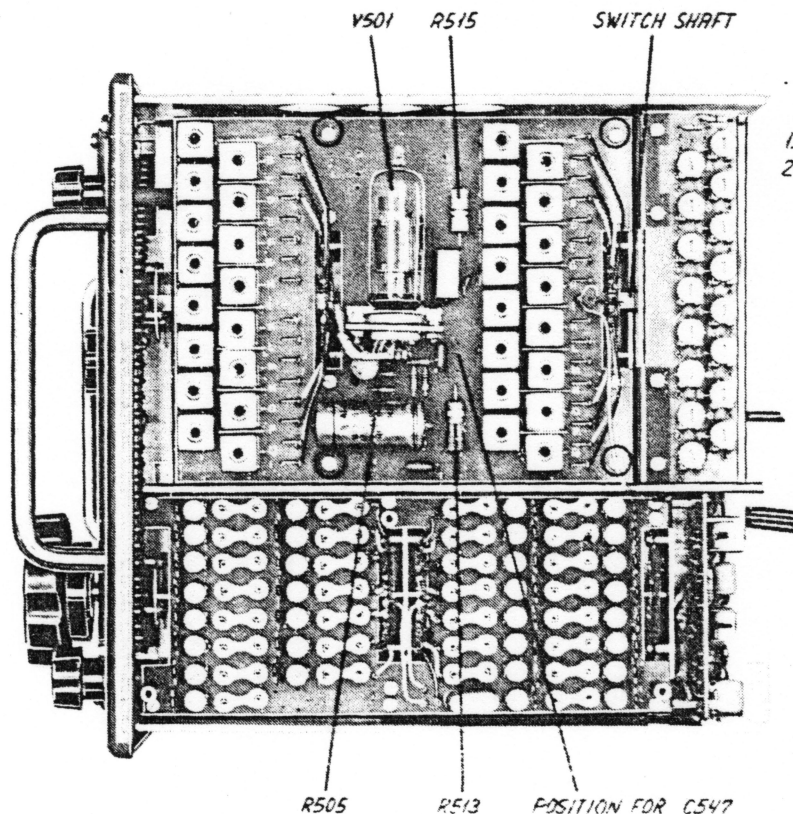
The driver tube type 12HG7/12GN7A has been replaced by the type 12BY7A in SAILOR SSB transmitters T128 as from serial No. 249365.

All transmitters equipped with 12BY7A as driver tube are inside marked with a label which states that only 12BY7A may be used by replacement.

When service is made on transmitters with old driver tube 12HG7/12GN7A, the tube 12BY7A may not be used as a replacement.

Modification of the Driver in T128 for 12BY7A

In order to change the driver for the tube 12BY7A, the following must be made:



TO REMOVE DRIVER UNIT:

1. UNSCREW SCREWS MARKED ○
2. REMOVE THE SWITCH SHAFT BY PULLING IT BACKWARD

Please file this information in the service-portfolio we have sent you.

Bitte archivieren Sie diese Mitteilung in der Kundendienstmappe, die wir Ihnen gesandt haben.

Nous vous prions de bien vouloir classer ce document dans le dossier bleu qui vous a été envoyé à cet effet.

Sivanse archivar esta información en la cubierta de servicio que les hemos enviado a Ustedes.

De bedes venligst arkivere denne meddelelse i den tilsendte servicemappe.



A/S S. P. RADIO
Aalborg - Denmark

1. Take the driver unit out as stated in the instruction manual section G IV and on fig. 5 and 6.

2. On the driver print the following components are changed:

R505 (47 ohm 1/3W)	is changed to 100 ohm 1/3W
R513 (39 kohm 1.15W)	is changed to 27 kohm 2.5W
R515 (330 ohm 1.15W)	is changed to 3.3 kohm 4W
C547 is inserted	0.1 uF
V501 is inserted	12BY7A

Placing of the components appears from the photo.

3. The driver is mounted again.

4. TEST SWITCH is put in pos. PRE DRIVE and POWER REDUCTION in FULL. The drive level potentiometer for the channel chosen, is put in middle position (P501...P516). TUNE button is pushed in, and P305 in the SSB generator is adjusted to meter reading 10.

(P305 is placed inside a can).

When adjusting anode and grid tuned circuit, the resonance (max. meter reading) for all mounted channels is found.

If the meter deflection is too big, it is brought inside the scale by using POWER REDUCTION.

The painting of the iron cores can be dissolved with cellulose diluent.

5. TEST SWITCH is placed in pos. FINAL DRIVE and POWER REDUCTION in FULL. With the aerial connected, the button TUNE is pushed in, AERIAL TUNE is adjusted to max. aerial current. With the drive level potentiometer for the chosen channel (P501...P516) is adjusted to correct drive (reading 1...4 on the right half of the scale).

NB! Point 5 is repeated for all mounted channels.

6. If it turns out that the potentiometers (P501...P516) do not have enough variation, then P305 can be used.

After each adjustment of P305, all the channels must be checked (P501...P516) point 5.

7. When all channels are tested, TEST SWITCH is put in pos. I_{k3}. The enclosed label concerning replacement of 12BY7A is placed on the driver chassis, and the transmitter is mounted in the cabinet. The two identical labels are pasted into the instruction manual, one on the page DRIVER PRINT and one on the diagram at the back of the instruction manual.

When you order driver tube 12HG7/12GN7A a modification kit consisting of the parts necessary will be delivered.