

February 1963

S-8000II  
S-3000III  
S-3000IV

#### SHERWOOD SERVICE DATA BULLETIN

All S-8000II, S-3000III with serial number 3223261 and up, S-3000IV with serial number 3224501 and up

If a complaint is made that the unit is:

1. off log or frequency shifts
2. blocking, (only picking up stations on the high end of the band)
3. drifting
4. tuning eye opening up (weak oscillator not cured by replacing oscillator tube.)

This can be detected by any one of three different methods. While looking at the I.F.'s on a scope, take a NON-METALLIC tool and applying pressure, slide the tool across the stator plates on the oscillator section of the tuning gang. If the I.F. pattern shifts and at the same time the oscillator grid voltage drops or rises along with the tuning eye opening. This indicates a defective tuning gang, Part number B125L4

To correct this fault:

1. heat and break solder connections on oscillator stator plates front and back.
2. remove oscillator stator plates completely.
3. place on bench, exposing bottom of stator plates. run solder over portion of plates where it is staked (NOTE:) stator plates are aluminum and will not take solder, but solder can be flowed around aluminum plate.

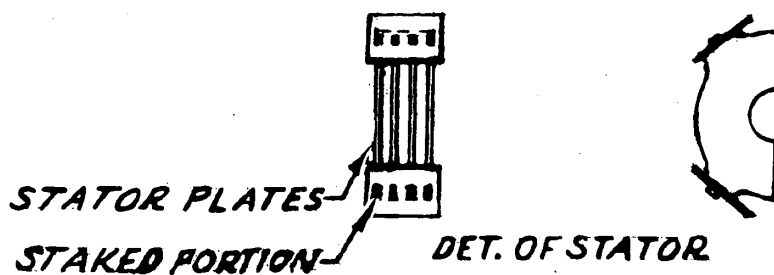
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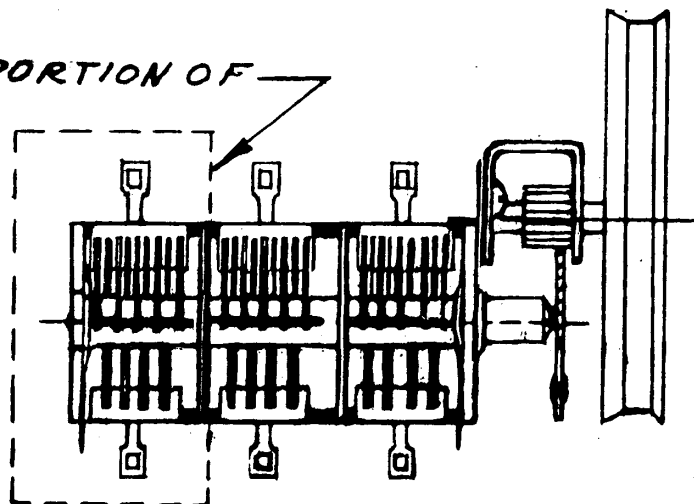
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4. re-install stator plates and solder in place
5. re. log.



OSCILLATING PORTION OF  
TUNING GANG



USED ON ALL S-8000II  
S-3000III SER.# 3223261 & UP  
S-3000IV SER.# 3224501 & UP