



EQUIPMENT SERIES: SIS

BULLETIN NO. 2

DATE: 6-22-64

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EQUIPMENT TYPE: SIS-1 H-F COMMUNICATIONS RECEIVER

SUBJECT: REPLACE TRANSFORMERS T14 AND T15 WITH MECHANICAL FILTER

The modification in this bulletin is for the substitution of a mechanical filter for transformers T14 and T15 to provide improved selectivity.

This modification is not essential for good operation and its incorporation is considered optional.

MODIFICATION PROCEDURE:

1. Disconnect all wires from T14 and T15, and remove T14 and T15 from chassis.
2. Disconnect from S2B, the wire which was connected to T15. Connect new wire (421-2220-00) and either lead of 110-pf capacitor (912-3882-00) to S2B as shown. Insulate wire and both capacitor leads with insulation (152-1558-00).
3. Disconnect from S2A, the wire which was connected to T14. Connect new wire (421-2220-00) and one lead of 100-pf capacitor (912-3879-00) to S2A as shown. Insulate wire and both capacitor leads with sleeving (152-1558-00).
4. Remove from GRD1, the bus wire which was connected to T14 and T15. Connect a new wire (421-2220-00) and other lead of 110-pf capacitor to GRD1 as shown. Insulate wire with sleeving (152-1558-00).
5. Connect bus wire (421-2220-00) and other lead of 100-pf capacitor to GRD2 as shown. Insulate wire with sleeving (152-1558-00).
6. Attach plate covers (549-2836-002) to top of chassis as shown, leaving open the screw hole to which the nylon clamp will be installed.
7. Attach wires from S2A and GRD2 to mechanical filter (526-9378-00) as shown.
8. Attach wire from S2B and GRD1 to mechanical filter as shown.
9. Slip nylon clamp (150-1544-00) over filter and secure to chassis as shown.

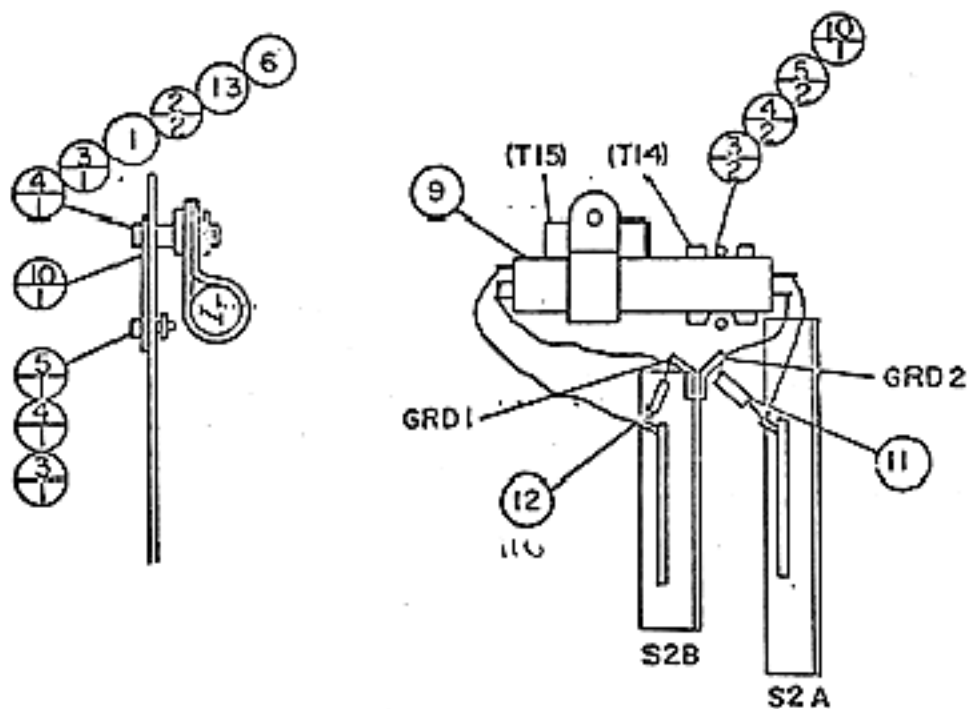
PARTS REQUIRED:

Price: \$78.64

Modification kit 549-2835-000, which consists of the following items:

<u>Item</u>	<u>Qty</u>	<u>Description</u>	<u>Collins Part Number</u>
1	1	Clamp, nylon	150-1544-00
2	2	Washer, flat	310-0054-00
3	4	Washer, splitlock	310-0076-00
4	4	Nut, hex 4-40	313-0156-00
5	3	Screw, machine, 4-40 x 1/4	343-0285-00
6	1	Screw, machine, 4-40 x 1	343-0293-00
7	1.1 ft	Wire, no. 22 AWG bus	421-2220-00
8	1.1 ft	Sleeving, Teflon insulation	152-1558-00
9	1	Filter, mechanical	526-9378-00
10	2	Cover, plate	549-2836-002
11	1	Capacitor, 100 pF	912-3879-00
12	1	Capacitor, 110 pF	912-3882-00
13	1	Spacer, tubular	541-5974-002

The above parts may be obtained from Collins Radio Company, Service Parts Department, Cedar Rapids, Iowa at the price indicated. All orders must specify modification kit 549-2835-000 and make reference to 515 Service Bulletin No. 2. These parts will be available for shipment August 15, 1964.



NOTE: ONSPLIT BALLOONS TOP FIGURE IS MATERIAL LIST ITEM AND BOTTOM FIGURE IS QUANTITY.