



SERVICE BULLETIN

from: TRIO-KENWOOD COMMUNICATIONS, INC.

Number 11R

SUBJECT: Adapting the TR-2200A Antenna to early Trio and Drake Portables.

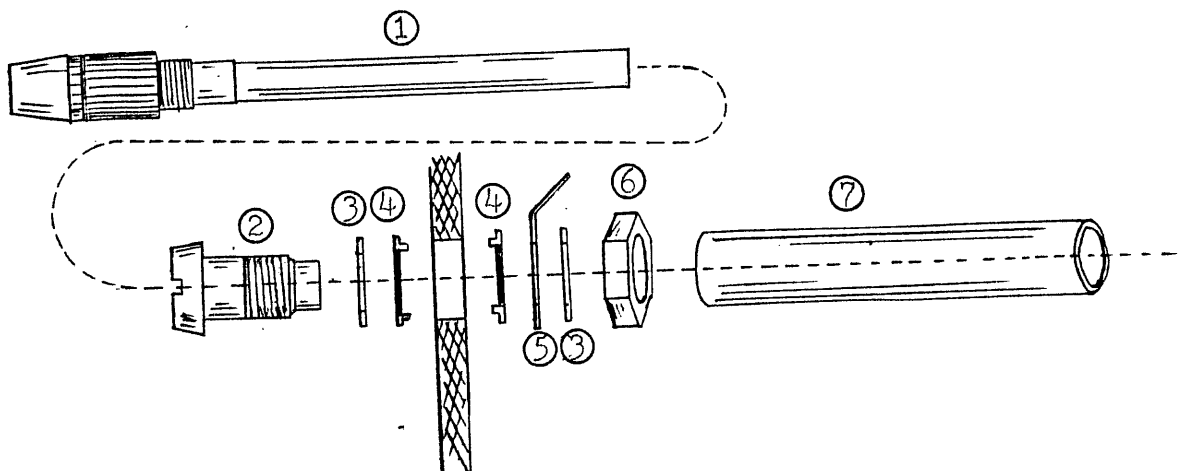
DATE 1/13/77

We have had several inquiries about adapting the TR-2200A whip antenna to the Drake TR-22C and Trio TR-2200. We now have a kit of parts to do this. Following is a copy of the instruction sheet supplied with each kit.

TR-2200 Antenna Kit Instructions

No.	Part Name	Part Number	Q'ty
①	Whip Antenna	T90-0082-05	1
②	Antenna Connector	J32-0230-04	1
③	Washer	N19-0282-04	2
④	Insulating Ring	N19-0283-04	2
⑤	Antenna Lug	E23-0097-04	1
⑥	Nut	N14-0116-04	1
⑦	Pipe	F29-0018-14	1
⑧	Ground Lug	E23-0015-04	3
⑨	Screw	3x6 mm	1
⑩	Cable with Lapacitor		1

- 1 - Remove original antenna
- 2 - Enlarge antenna hole to 9.5 mm
- 3 - Install parts 1 thru 8 as shown in the exploded view below:



- 4 - Remove coaxial cable that runs from the original whip antenna to the SO-239.
- 5 - Connect original coaxial cable from terminals ANT and E to the external antenna connector (SO-239). (This cable originally went from terminals ANT and E to the whip antenna.)
- 6 - Locate the 2 "L" brackets mounting the TX unit to the side and install 2 ground lugs between the bracket and the side of the unit.
- 7 - Install the coaxial cable so that the end with the capacitor is at the SO-239.
- 8 - Solder the free end of the capacitor to the center pin of the SO-239 and solder the coax braid to the ground terminal.
- 9 - Mount the last ground lug with 3x6 mm screw at the hole next to the whip antenna.
- 10 - Solder the braid of the supplied coax to the ground lug installed in Step 9 and the center conductor of the coax to the antenna lug 2.
- 11 - Carefully solder the coax braid to the 2 lugs installed in Step 6. (See diagram below.)

