

HARRIS



COMMUNICATION AND
INFORMATION PROCESSING

SERVICE BULLETIN

Equipment: MW-5/5A

Bulletin No. AM-148-TAB

Date May, 1980

SUBJECT: Procedure for Installation of Protective Shield

PURPOSE: The purpose of this modification is to dress the primary AC wires of the high voltage transformer in a manner that will not permit them to make contact with the core of the transformer.

PART REQUIRED: 994-8509-001 SHIELD KIT MW-5/5A NO CHARGE

PROCEDURE:

- 1) Make a diagram showing all wire numbers and jumper locations on the primary of the high voltage transformer.
- 2) Remove all wires from primary of HV transformer (after making diagram).
- 3) Connect mounting bracket to top right side of transformer using the supplied bracket, bolt, washer and nut. Leave bracket loose at this time to allow movement. (See Photo)
- 4) Remove the bolt on the top right and top left hand sides of the transformer. These bolts will be used to secure the clear plastic shield. When removing these bolts it is advised to place some masking tape or paper on the top of the transformer core to prevent any hardware from falling into the air gap of the transformer.
- 5) Install the clear plastic shield over the primary connections of the transformer and secure in place with the bolts just removed. Use nylon washers and large steel washers supplied in kit. (See Photo)
- 6) Remove lower right hand mounting bolt on HV transformer and install second mounting bracket. (See Photo)
- 7) Cut tie wraps which secure primary wiring to main cable harness. Cut only enough tie wraps as necessary to swing primary wiring to brackets mounted on right side of transformer.
- 8) Slip protective tube over primary wiring and fasten tube to mounting brackets with hose clamps supplied. (See Photo)
- 9) Reconnect all primary wiring to transformer.

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- 10) Tighten down brackets to secure protective tube and wiring in position.
- 11) Use supplied tie wraps to replace those cut.
- 12) Inspect transformer to make sure that no loose hardware has fallen into the air gap of the transformer.

Please fill out completely the enclosed postage-paid card and return it to us. This assures us that you have received this Service Bulletin and that the modification has been made.

THIS COMPLETES THE MODIFICATION.

Should you have any questions relative to this modification, please direct your inquiries to:

Supervisor - Radio Service
P.O. Box 4290
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