

TMC SPECIFICATION

NO. S 1274

REV: 0 A

COMPILED: T. Coggia

CHECKED: P. Grove

APPD: 

SHEET 1 OF 5

TITLE: MODIFICATION KIT FOR AIR INTAKE GPT-40K() SERIES

KIT 364
MODIFICATION
OF
GPT-40K()
FOR REAR AIR INTAKE

TMC SPECIFICATION

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TITLE:

KIT 364

I. INTRODUCTION:

The TMC KIT364 is designed to be used on GPT-40K() series of transmitters equipped with hinged rear doors.

The purpose of the modification kit is to facilitate rear intake cooling of air to the transmitter in lieu of the side air intake.

Prior to modification of transmitter, note the following:

ALL PRIMARY AC INPUT TO TRANSMITTER MUST BE TEMPORARILY

REMOVED TO PROVIDE MAXIMUM SAFETY TO INSTALLATION PERSONNEL.

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SHEET 3 OF 5

TITLE: KIT 364

MATERIALS SUPPLIED IN KIT 364

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
1	MS2748-2	Power Supply Frame Rear Panel	1
2	MS2747-2	Power Amplifier Frame Rear Panel	1
3	MS2748-3	Main Frame Rear Panel	1
4	MS4465-2	Auxiliary Frame Rear Panel Top	1
5	MS4466-2	Auxiliary Frame Rear Panel Bottom	1
6	MS5929-1	Cover Used on Item 4	1
7	MS5148-6	Bracket Air Filter Used on Items 1 & 5	8
8	AD103-4	Filter Air Mounted on Items 1 & 5	3
9	MS2256	Cover Filter Opening	3
10	NP-362-46	Nameplate	1
11	TA-111-4-4-25.00G	Tape Adhesive Backing Mounted on Item 6	1

TOOLS REQUIRED BUT NOT SUPPLIED

1. 7/16" Spintite
2. 3/8" Spintite
3. 1/2" Spintite
4. Phillips Head Screwdriver #2
5. Flat Blade Screwdriver #6
6. 3/4" Open End Wrench
7. 8-32 Tap
8. #29 Drill
9. Tap Handle

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KIT 364

AIR INTAKE MODIFICATION

A. Preparation for Modification

1. Open and remove existing rear doors. Dispose of doors.
2. Remove grills and air filters from side skins; two (2) from left side and one (1) from right side. (See Figure I.)
3. Remove rear trims and discard.
4. Check rear of all frames for 8-32 tapped holes; if none, use item 1, 2, 3, 4 and 5 as templates.

B. Installation Procedure (Refer to Figure I)

1. Install item 9 (Cover Plate) in place of filter grill on side skins (removed in step A-2).
2. Install item 4 (Top Panel). If there is equipment in rack, check location and size and determine proper positioning of covers. Install item 11 to block air between panel and equipment.
3. Install item 5 (Bottom Panel).
4. Install item 3 (Main Frame 10K Panel).
5. Install item 2 (Power Amplifier 40K Frame Panel).
6. Install item 1 (Power Supply Frame Panel).
7. Affix item 10 (Nameplate) below transmitter overall nameplate to indicate completion of modification.

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40K XMTR

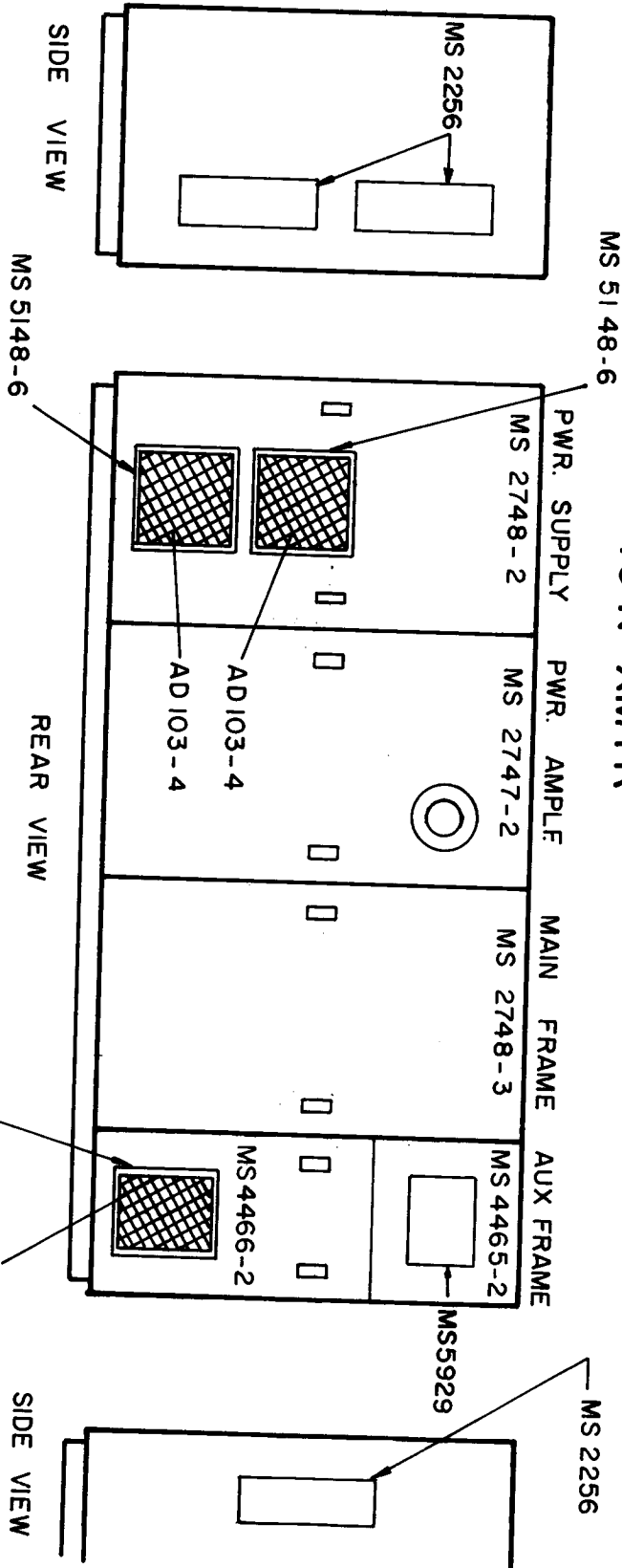


FIGURE 1

