

TMC SPECIFICATION

NO. S 1279

REV:

COMPILED: AGC

CHECKED: *P.L.*

APPD: *DOB*

SHEET OF

TITLE: Installation of Shock Mounting & Air Intake & Exhaust Equipment for BCT-10KA

5/14/71 jb/

KIT-370

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SHEET 1 OF

TITLE: KIT-370

I. EQUIPMENT AFFECTED

A. TMC Model BCT-10KA

II. PURPOSE

A. Provide equipment and information for:

1. Shock Mounting
2. Stabilizing
3. Air Intake and Exhaust
4. No change in Model will result

III. MATERIALS SUPPLIED IN KIT

ID393 Drawing (2 Sheets)

<u>ID 393</u>	<u>Item No.</u>	<u>Amount</u>	<u>Description</u>
	1	3	MS5985-1 Pad Shock Mtg. (Loose Item)
	6	6	SH104-4 Shock Stabilizer (MTD on MS59854)
	10	2	SH104-2 Shock Stabilizer (On Xmtr)
	11	1	MS5984, Pad Xmtr Mtg (Loose Item)
	17	1	MS5981, Retainer Filter (On Xmtr)
	18	6	CU-129-1855 Clamp (Loose Items)
	19	3	PO328-10-8 Flexaust (Loose Item)
	20	6	FP206-4 Ring (3 on Xmtr, 3 Loose Items)

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<u>ID 393</u>	<u>Item No.</u>	<u>Amount</u>	<u>Description</u>
	22	1	MS5986 Pad Stabilizer Mtg (Loose Item)
	23	1	AD103-1 Filter Air (On Xmtr)

Misc. Hardware

1	Bag of 1/4-20 Hardware (Xmtr Mtg.)
1	Bag of 1/4-20 Hardware (Mtg. Stabilizer)
1	Bag of 1/4-20 Hardware (Mtg. Shock Pad)
1	Bag of 1/4-20 Hardware (Mtg. TF410 380V.)
1	(If supplied) MS-5222-6, Bracket (On Xmtr)
1	MS5985-2 Pad Shock Mtg. (On Xmtr)
1	MS5987 Cover (On Xmtr)
1	MS5988 Side Right (On Xmtr)

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TITLE: KIT-370

IV. TOOLS REQUIRED

(To be supplied by Installing Activity)

1. 7/16 Open End Wrench or equivalent.
2. 9/16 Open End Wrench or equivalent.
3. Philips Screw Driver (Small and Large)

V. PROCEDURE

1. If installation of Kit is to existing equipment follow all precautionary practices, i.e., Turning off and/or disconnecting all power to equipment.
2. Procure ID393 Installation Diagram (2 Sheets).
3. All pertinent information is contained in the Installation Diagram ID393.
4. TF410 (in container) Item 19 should be placed close to transmitter.
5. In order to install shock mounting pads it is necessary to disassemble (It. 6 of KIT/It. 11 of ID393): Disengage rectangular plate by removing (It. 12, 13 and 14 of ID393) 3/8-16 screws. The same procedure is necessary for installation of stabilizer pad (It. 9 of KIT/It. 22 of ID393). All other equipment installation can be performed by referring to ID393, Sheet 1.

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6. The suggested positioning of the equipment and the required penetration of shelter or container is obtained by referring to Sheet 2 of ID393.
7. Prepare container or shelter as suggested above. Installing Activity should understand that the suggestions offered are only as a guide.
 - a. Mount shocks (Item 1) on floor.
 - b. Fasten Xmit pad to shocks.
 - c. Connect Item 20 to shelter on unit.
 - d. Connect Item 22 through approx. 1 inch thick wood filler and side wall.
 - e. Position transmitter on flood pad and fasten to floor pad loosely.
 - f. Fasten stabilizer to transmitter side shocks (Item 10) with Items 12, 13 and 14. It may be necessary to loosen Item 16 to cause holes to align up and/or to shift transmitter position slightly.
 - g. After transmitter is secured, connect the flexible air duct (Items 18 and 19) between the transmitter and shelter unit.

WARNING

INSURE THAT POWER SOURCE IS OFF AND TAGGED (NOT TO BE ENERGIZED)

8. Connect external transformer (TF410) to power source and to transmitter.
9. Refer to technical manual for Installation and Checkout Procedure of transmitter.

