TECHNICAL BULLETIN

 YAESU

FILE NO: TB-9045
RELEASE DATE: Nov 12, 1990JJ

Model No. FTL-2011 "VERTEX" 12-Channel Version

Serial No. Range: ALL

Problem or Symptom: Radio has only 12 Memory Channels.

Expected Results of Modification: Radio will have a total of 24 Memory Channels.

Component Changes: None

Component Additions:

Location	Device Added	Part No.
Control Unit	EEPROM BR93C56	ROM-12/24

Procedure: 1. Remove Top Cover of the FTL-2011.

2. Solder the EEPROM BR93C56 into the "OPTION" position, just behind Q2017, at the right rear of the Control Unit PC Board (Fig #1).

3. Solder bridge both JP2001, behind the EEPROM installed in 2 above, and JP2002, to the left of the battery (Fig #2).

4. Replace the Top Cover. The modification to the radio is now complete.

NOTICE: You must enter the **"Hardware Environment"** of the programming software and change the "Memory Channel" from 12 to 24. Make the change to the "Hardware Environment" by entering the FTL-2011 program and when the programming screen is displayed press [F2] <u>twice.</u> When the "Hardware Environment" is displayed use the Down Arrow Key to highlight the Memory Channel line and then using the space bar change the number to 24. If this procedure is not followed the radio will display (E 2) when you attempt to program it.

- REMOVE PURPLE JUMPERS & DIODES FROM BOTTOM OF CPU BOARD
- MOVE GREEN JUMPERS TO PINS OF EPROMS WHERE YOU SEE THE CUT TRACES
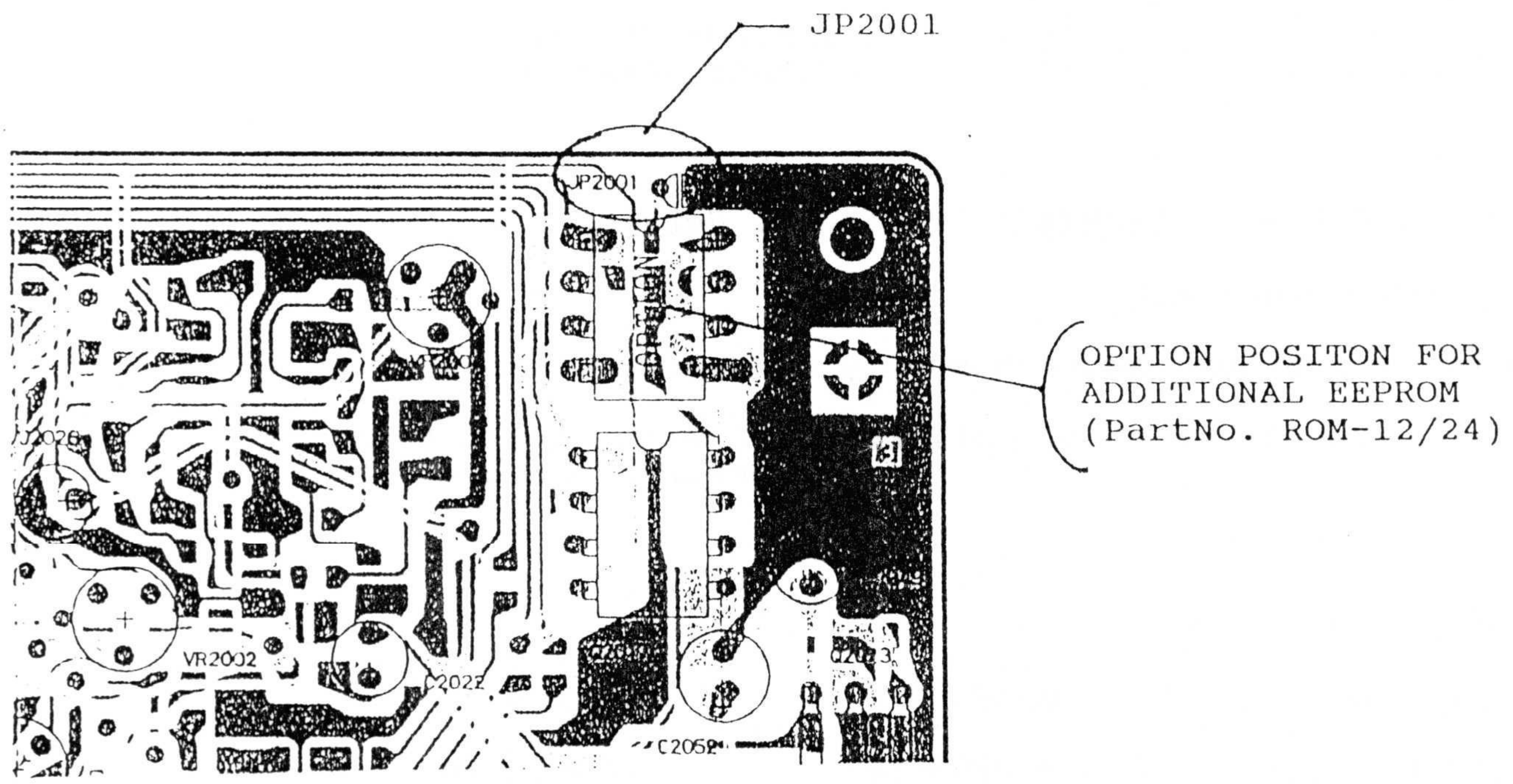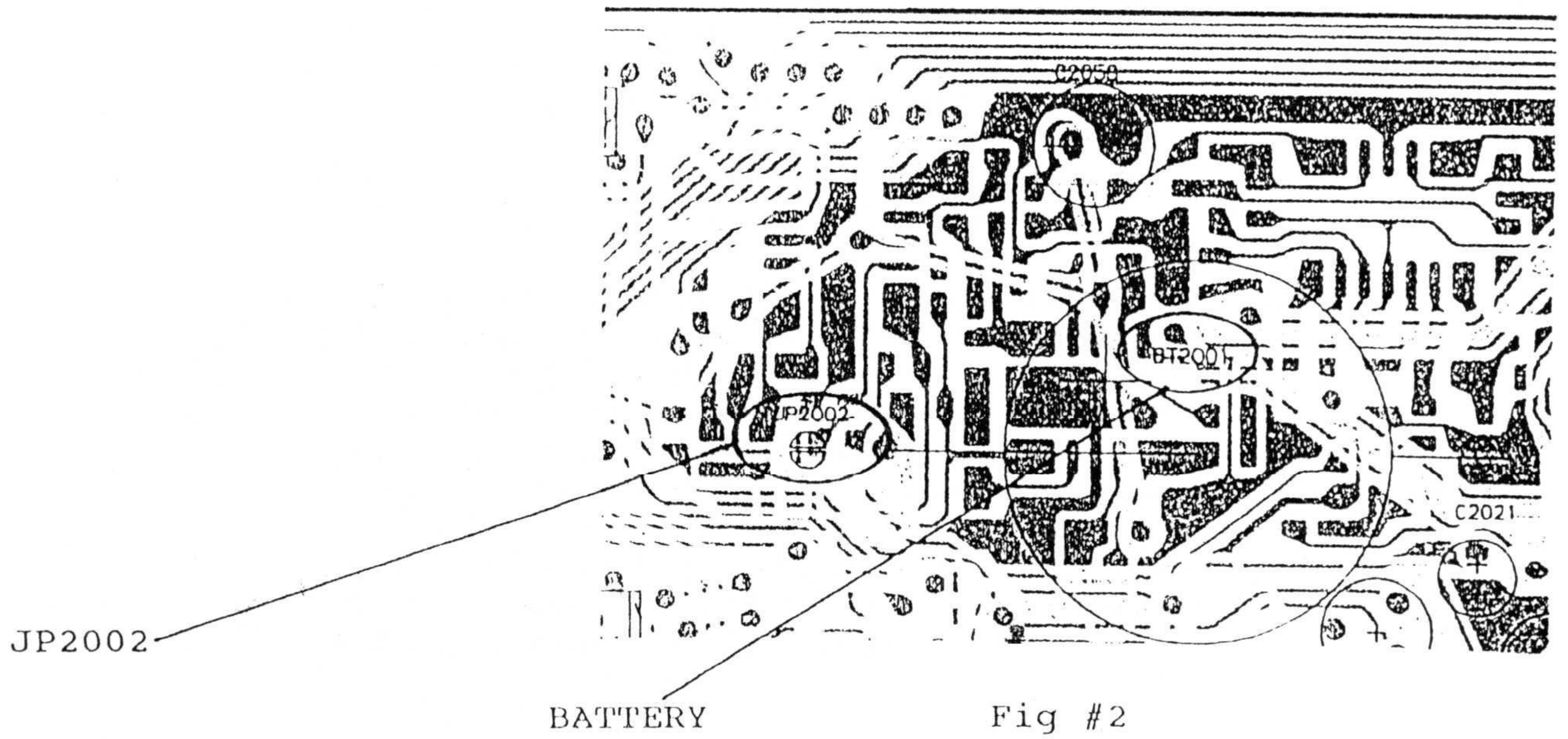- REPLACE GROUND TRACE TO ORIGINAL EPROM

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JP2001

OPTION POSITON FOR
ADDITIONAL EEPROM
(PartNo. ROM-12/24)

Fig #1

JP2002

BATTERY   Fig #2