

INSTALLATION INSTRUCTIONS FOR  
MERIT PHRAZE CRAZE  
QUIK KIT  
WARRANTY

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## INSTRUCTIONS FOR INSTALLATION

1. Remove Nylon screw and nut that holds the CRT-205 board, and cut the tie-wraps from the support posts.
  2. Unplug the 2-pin connector that connects the CRT-205 board with the CRT-200 board.
  3. Carefully unplug the CRT-205 board, being cautious not to bend or break any pins. (Save the CRT-205 for future use to convert back or as a spare.)
  4. Remove 4 character EPROMS from U37, U38, U39, & U40 chip locations. (Save for future possible use to reconvert.) Replace them with the new character EPROMS in appropriate locations.
  5. Locate the decoder chip in the socket U-13. Remove and save. Replace it with the new chip marked DEC006
  6. Locate the RAM in socket U8. Replace it with the type 6264 chip (MFR # HM6264LP-15) (Some boards may already have this chip; if so, save the new chip as a spare part.)
  7. Locate the black jumper J4 between U8 and the battery (along the right edge of the board), and move the jumper to the position marked "6264". (If the board already had the 6264 RAM, the jumper should be a place.)
  8. Remove the program EPROM in location U5, (save for possible reversion), and insert the new one provided in location U5.
  9. Locate Jumper J8 in the upper right corner of the board. Move to the "256" position if not already there.
  10. Locate Jumper J6. Move the jumper to the position marked "2.5MHZ" if it is not already there.
  11. Locate Jumper J5. Move the jumper to the "WAIT" position.
  12. The CRT-200 conversion is complete. Now plug in the new CRT-205A board. Reconnect the 2-pin plug, replace the Nylon screw and nut, and install the 2 tie-wraps through the support posts.
  13. Adhere the Merit logo sticker to the switch panel cover plate.
- Operating instructions can be found in your operator's manual.

**IMPORTANT:** The installation of the Merit Qwik Kit requires a Merit Industries CRT 200 P.C. Board, Rev E-1 or later. Your board is a Rev D, Rev C or earlier, contact your distributor or the factory regarding an upgrade. You will find the revision level along the front edge of the board, in front of the connector pins. If the board does not say MERIT INDUSTRIES, it is not a genuine MERIT board, and will not be usable.

**ENCLOSED PARTS:** Check before proceeding that your QWIK KIT contains all listed parts.

PART	PART DESCRIPTION	EA
P.C.B.	CRT-205 P.C.B.	1
U 5	PROGRAM EPROM 6221-40	1
U 37	CHARACTER EPROM PHZ1-U37	1
U 38	CHARACTER EPROM PHZ1-U38	1
U 39	CHARACTER EPROM PHZ1-U39	1
U 40	CHARACTER EPROM PHZ1-U40	1
DEC ...	DECODER CHIP DEC006	1
TR 1,2	MINIATURE TIEWRAPS	2
ST 1	COVER PLATE STICKER	1
U 8	6264 RAM	1

-----W A R N I N G-----

The installation of this Conversion Kit should be done only by qualified personnel. Extreme caution should be exercised while working around the monitor or parts connected to the line source. The game should be unplugged from the wall receptacle, and the residual high voltage from the tube discharged before proceeding.