TECHNICAL DOCUMENTATION
CHANGE NOTICE

This Change Notice provides information that updates revision 002 of the KC750 Technical Manual, EK-KC750-TM. The information on pages 1 through 5 of this Change Notice was published previously as Change Notice EK-KC750-TM-CN1, March 1982.

This Change Notice was released to Manufacturing in preliminary form so it could be shipped with KC750 kits as soon as possible.

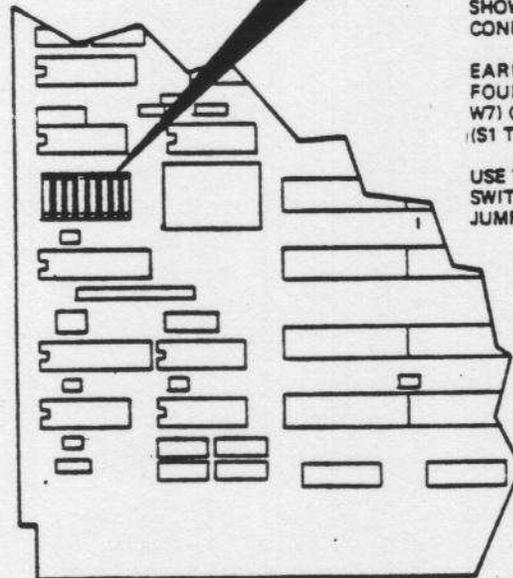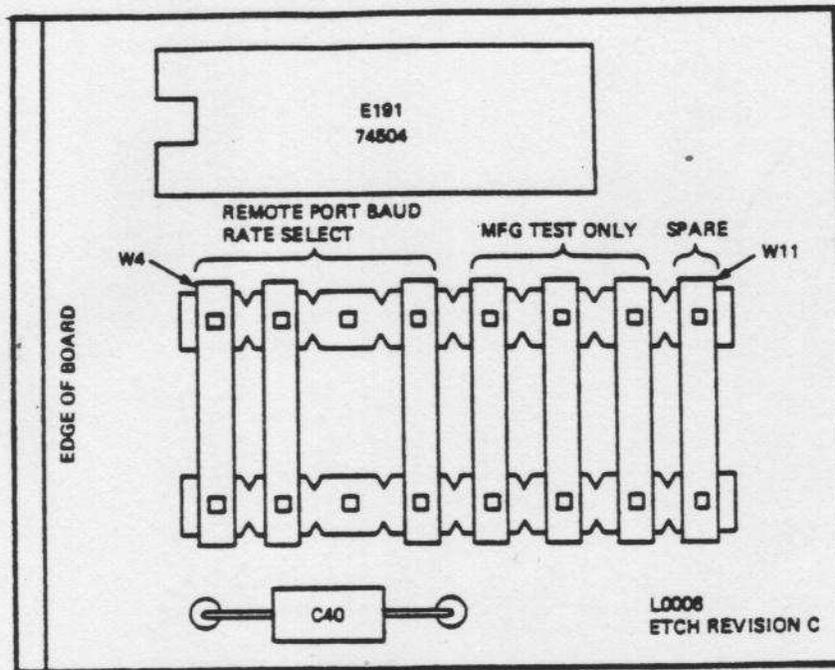**digital equipment corporation • maynard, massachusetts**

o **Page 2-21   Paragraph 2.4.2.26 Talk**

An in-plant ECO has created three new Module Revision
Levels (MRL) for the L0006 RDM:

    Etch - Multiwire - MRL *3
    Etch - B   - MRL B1
    Etch - C   - MRL D

When the RDM is any one of these boards (or a later
MRL), the TALK state cannot be entered when the
keyswitch is in the LOCAL position.

A note is added to the figure to indicate that only Revision C
etch boards have the set of eight jumpers. Earlier boards have
either a set of four jumpers or a four-switch pack.

E191
74S04

REMOTE PORT BAUD
RATE SELECT

MFG TEST ONLY SPARE

W4 W11

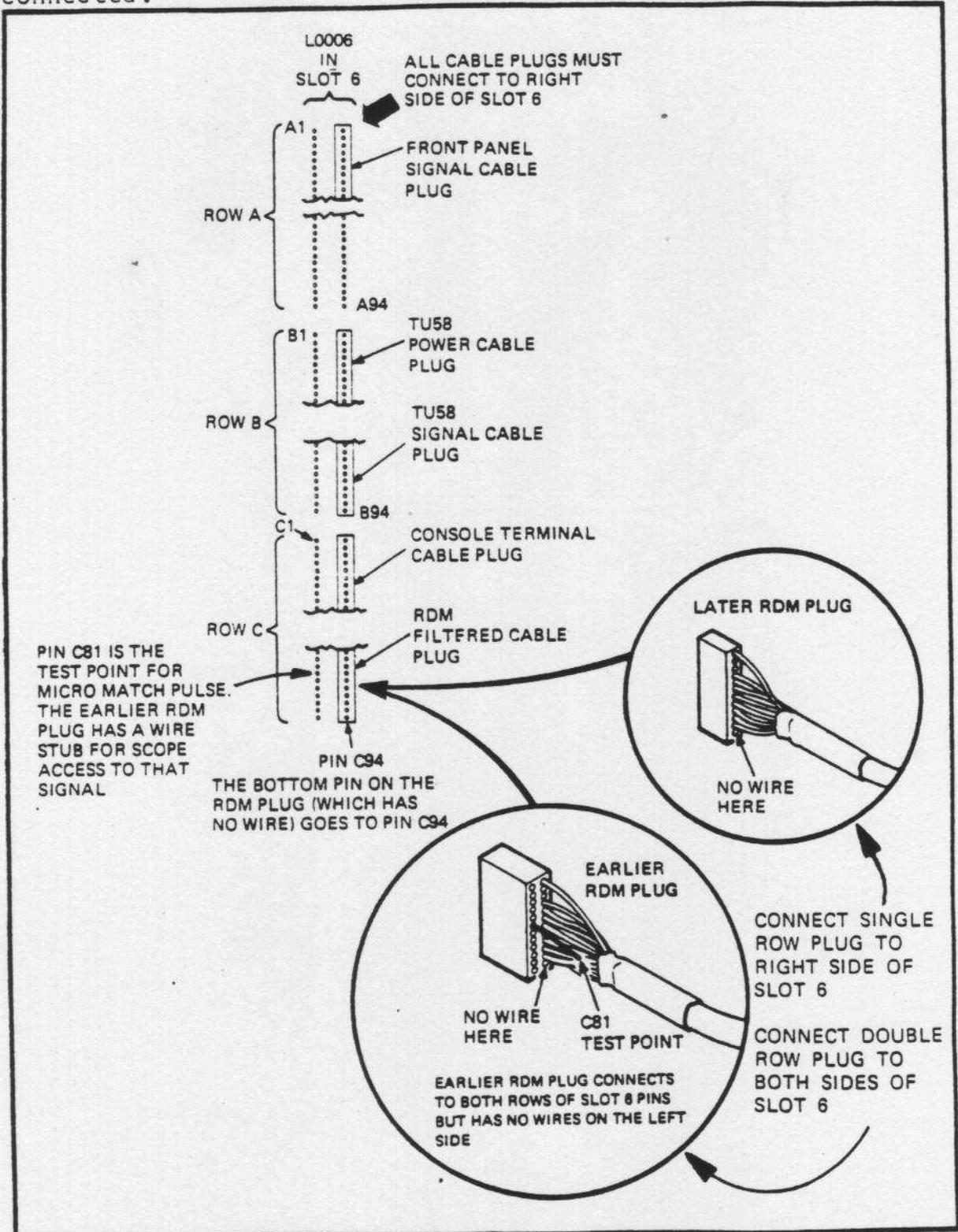EDGE OF BOARD

C40

L0006
ETCH REVISION C

ETCH REVISION C BOARDS HAVE THE
EIGHT-JUMPER PACK (W4 THROUGH
W11) AS ILLUSTRATED. THIS FIGURE
SHOWS THE FACTORY-SET 300 BAUD
CONFIGURATION.

EARLIER BOARDS HAVE EITHER A
FOUR-JUMPER PACK (W4 THROUGH
W7) OR A FOUR-SWITCH PACK
(S1 THROUGH S4).

USE TABLE 3-2 TO CONFIGURE
SWITCHES, TABLE 3-3 TO CONFIGURE
JUMPERS.

MA-0389

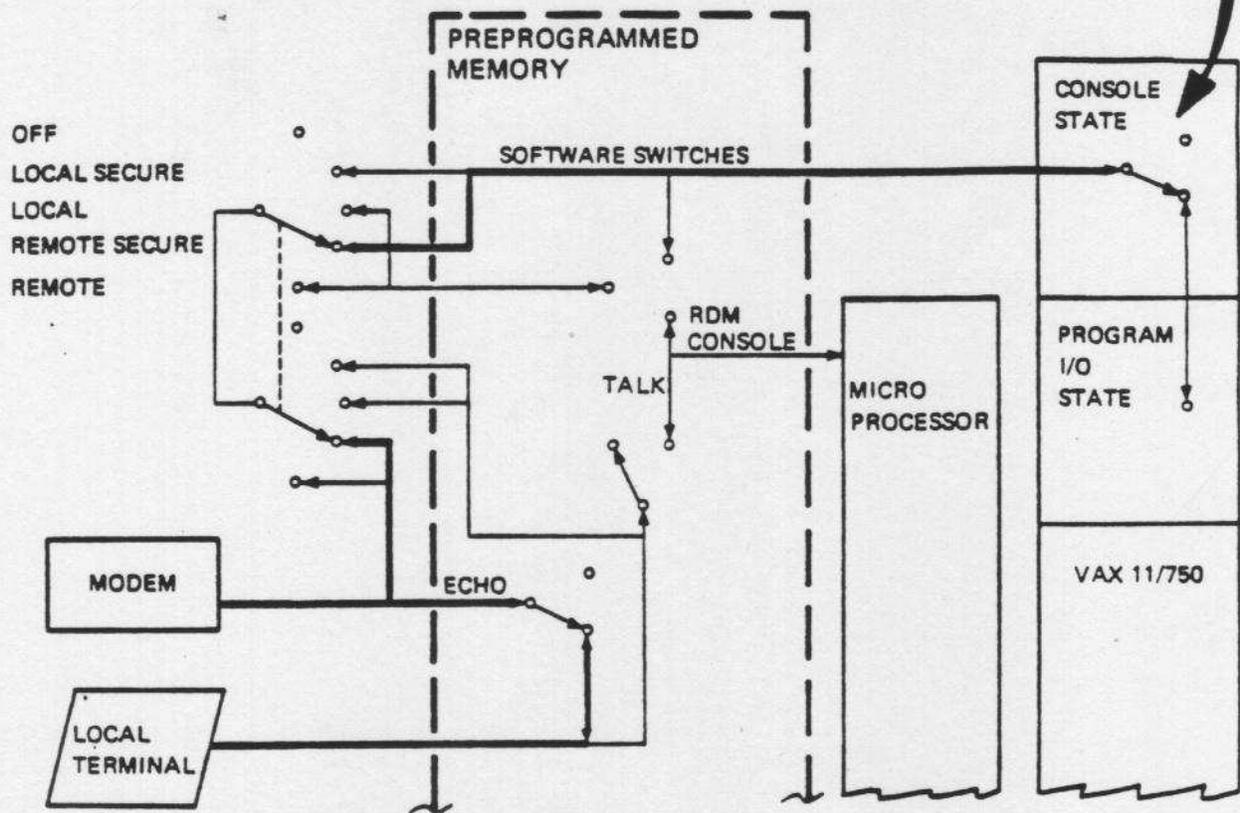o Page 3-9 Figure 3-6 Closeup of Backplane Slot 6

The figure is changed to show that the TU58 Power Cable plug
must be connected to the pins on the _right_ side of slot 6.
Other changes show the two types of RDM plugs and how they are
connected.

L0006
IN
SLOT 6

ALL CABLE PLUGS MUST
CONNECT TO RIGHT
SIDE OF SLOT 6

A1

FRONT PANEL
SIGNAL CABLE
PLUG

ROW A

A94

B1

TU58
POWER CABLE
PLUG

ROW B

TU58
SIGNAL CABLE
PLUG

B94

C1

CONSOLE TERMINAL
CABLE PLUG

ROW C

RDM
FILTERED CABLE
PLUG

PIN C81 IS THE
TEST POINT FOR
MICRO MATCH PULSE.
THE EARLIER RDM
PLUG HAS A WIRE
STUB FOR SCOPE
ACCESS TO THAT
SIGNAL

PIN C94
THE BOTTOM PIN ON THE
RDM PLUG (WHICH HAS
NO WIRE) GOES TO PIN C94

LATER RDM PLUG

NO WIRE
HERE

EARLIER
RDM PLUG

NO WIRE
HERE

C81
TEST POINT

EARLIER RDM PLUG CONNECTS
TO BOTH ROWS OF SLOT 6 PINS
BUT HAS NO WIRES ON THE LEFT
SIDE

CONNECT SINGLE
ROW PLUG TO
RIGHT SIDE OF
SLOT 6

CONNECT DOUBLE
ROW PLUG TO
BOTH SIDES OF
SLOT 6

o   **Page 4-4**

Figure 4-3   Remote Secure VAX Console State With Local Echo

The figure is changed to show Program I/O State instead of
Console State.   Console State cannot be entered when the
keyswitch is in the Remote Secure position.

The corrected figure title is:

"Remote Secure Program I/O State With Local Echo".

o Page 3-2, Table 3-1

Since the August 1981 publication of the manual, DF03 modems
were phased-in to KC750 kits as replacements for DF02's. In
November 1984, the new DF112-AA modems will be shipped in the
kits. Note that both the DF03 and DF112-AA modems operate at
either 300 or 1200 baud, and are typically used in the KC750 at
1200 baud. Table 3-1 is revised to include the DF03-AA and
DF112-AA modems.

Table 3-1 FCC Registration Numbers

MODEM MANUFACTURER	MODEL NUMBER	FCC REGISTRATION NUMBER	RINGER EQUIVALENCE NUMBER
GDC	103A3	AG697J-62418-DM-E	0.6, Type B
VADIC	VA355P	AJ496M-70263-DM-N	1.0, Type B
DIGITAL	DF02	A0994Q-67693-DM-R	0.3, Type A
DIGITAL	DF03-AA	A0994Q-69391-DM-R	0.3, Type A
DIGITAL	DF112-AA	A0994Q-13634-DM-E	0.3, Type B

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o Page 3-4, Installation Step 4

The wording of this instruction does not make clear what is to
be done and why. A rewording of the instruction is as follows.

4. Set the RDM remote port baud rate to match the baud rate at
   which the modem will be used.

   Compare your RDM to the layout diagram in Figure 3-2 (page 3
   of this Change Notice). The RDM may have either DIP switches
   or jumpers for Remote Port Baud Rate Select. Use the tables
   on Page 3-4 (Table 3-2 for switches, Table 3-3 for jumpers)
   to set the RDM to 300 or 1200 baud. GDC, Vadic, and DF02
   modems operate only at 300 baud. Dual speed modems, DF03 and
   DF112-AA, operate at either 300 or 1200 baud (300 baud when
   the HS switch is out, 1200 when it is in). Dual speed modems
   are used typically at 1200 baud with the KC750.

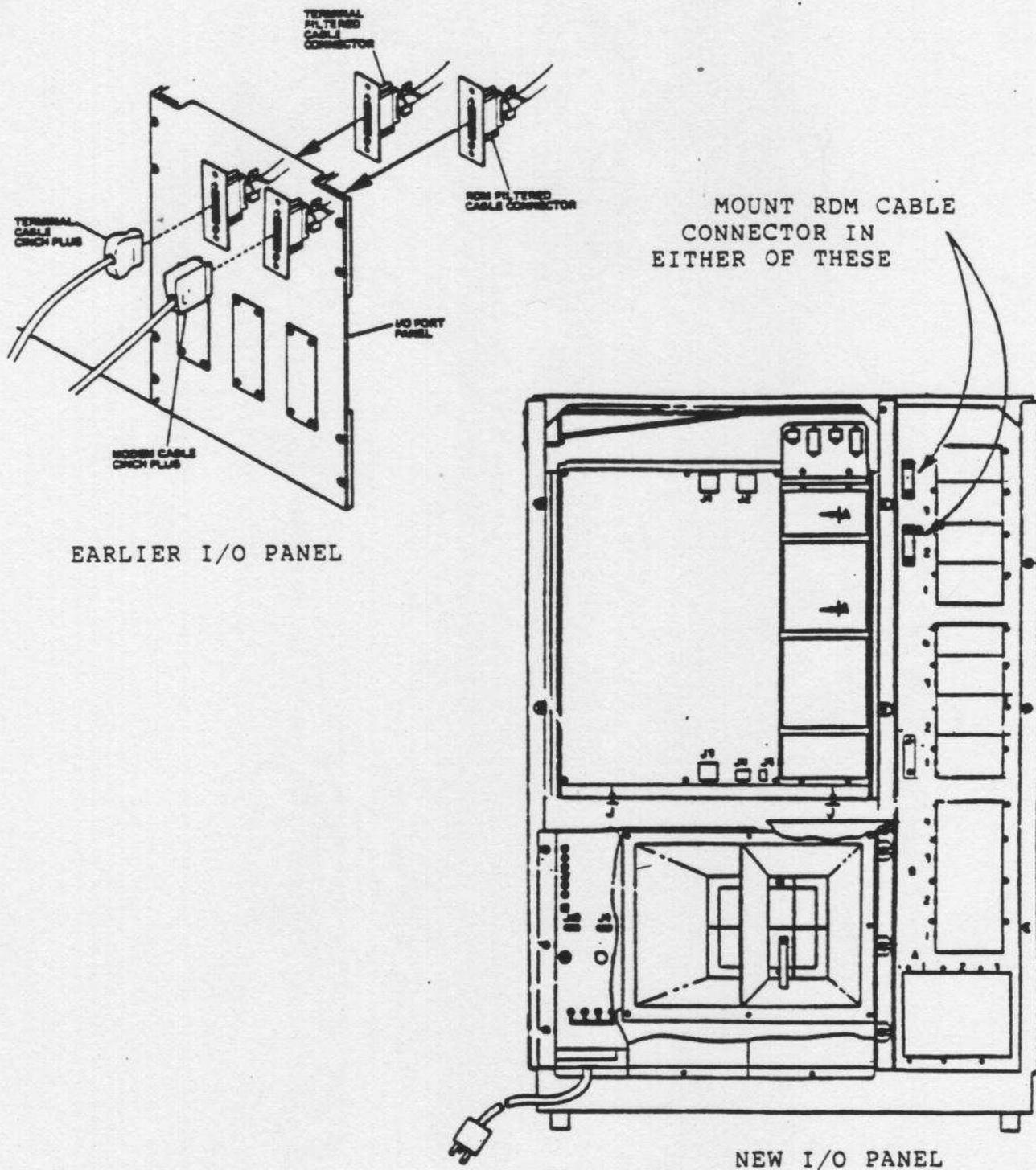--

o Page 3-6, Installation Step 7

The 70-16921 RDM filtered cable referenced in this instruction
has been replaced by a 17-00907-01 cable in kits shipped since
November 1984. Note that a revised Figure 3-6 (page 4 of this
Change Notice) shows how this cable is connected to the RDM.

o Page 3-6, Installation Step 9

Figure 3-7 on page 3-10 shows the earlier I/O panel. The
revised Figure 3-7 below now shows the new FCC-compliant I/O
panel also.

Remove the blank plate, pass the cable connector through the
port, and secure it using the same screws.

EARLIER I/O PANEL

MOUNT RDM CABLE
CONNECTOR IN
EITHER OF THESE

NEW I/O PANEL

o Page 3-8, Installation Step 11

The BC05D-25 EIA cable referenced in this instruction has been replaced by a BC22F-25 cable in kits shipped since November 1984. The mounting hardware is the same for the two cables.

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o Page 3-12, Installation Step 9

Information about the new DF112-AA modem will be included. The KC750 does not use auto dial and other new features of the DF112-AA at this time. Set the front panel switches as follows:

   All switches except HS (High Speed) out.
   HS switch out for 300 baud operation.
   HS switch in for 1200 baud operation. (1200 is typical.)

If telephone line quality causes problems for the DDC/RDC at 1200 baud, they may ask you to set the RDM switches (or jumpers) to 300 baud and operate the DF112-AA (or DF03) with the HS switch out (300 baud).