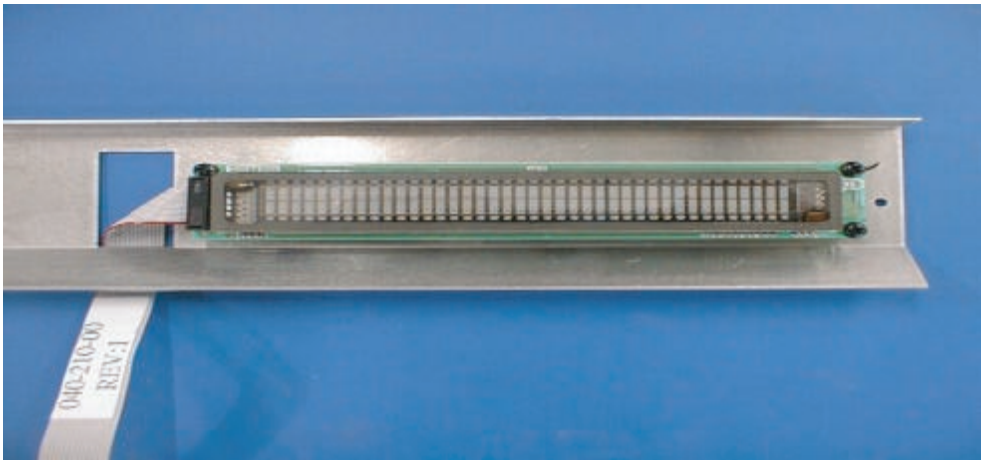
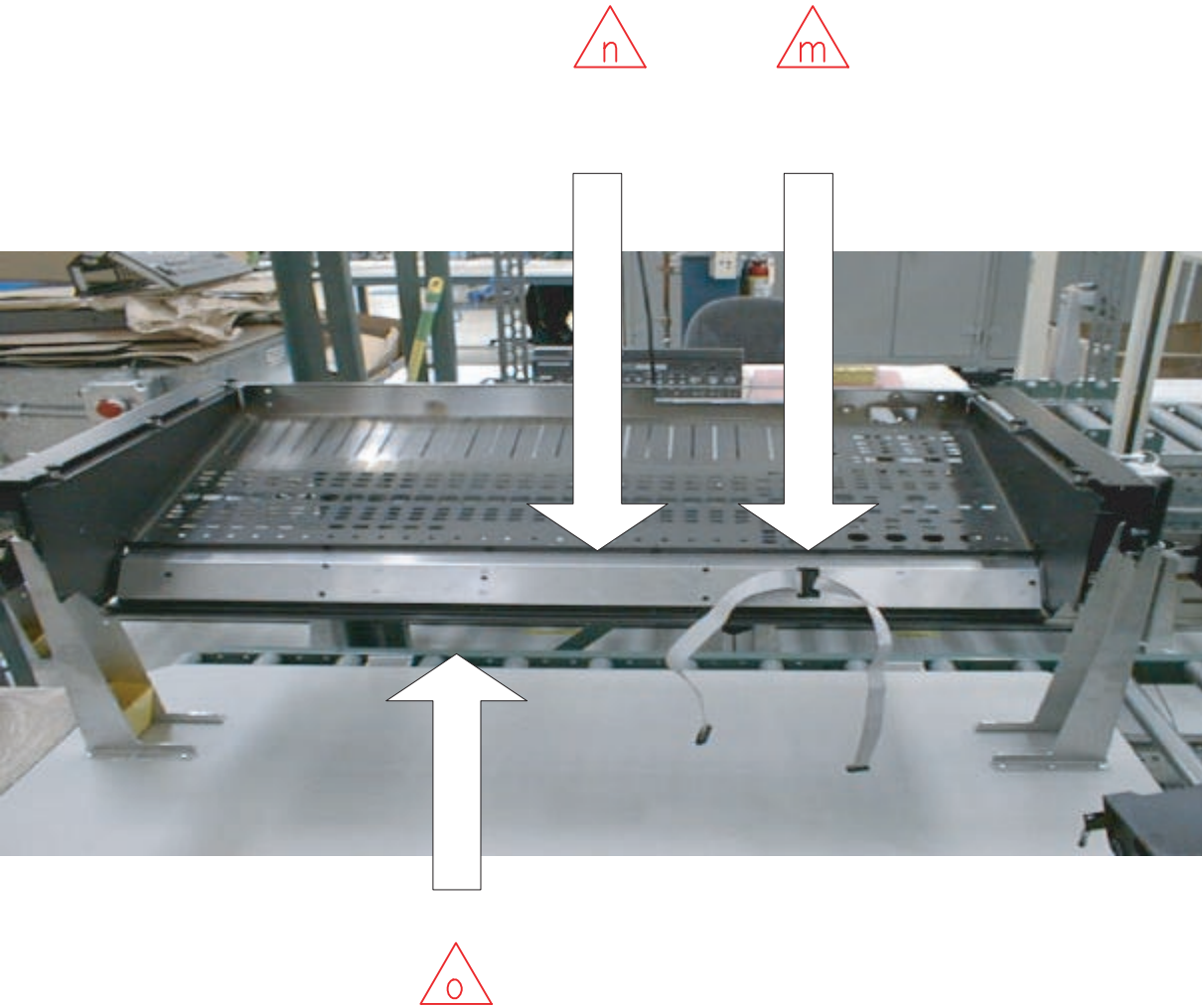
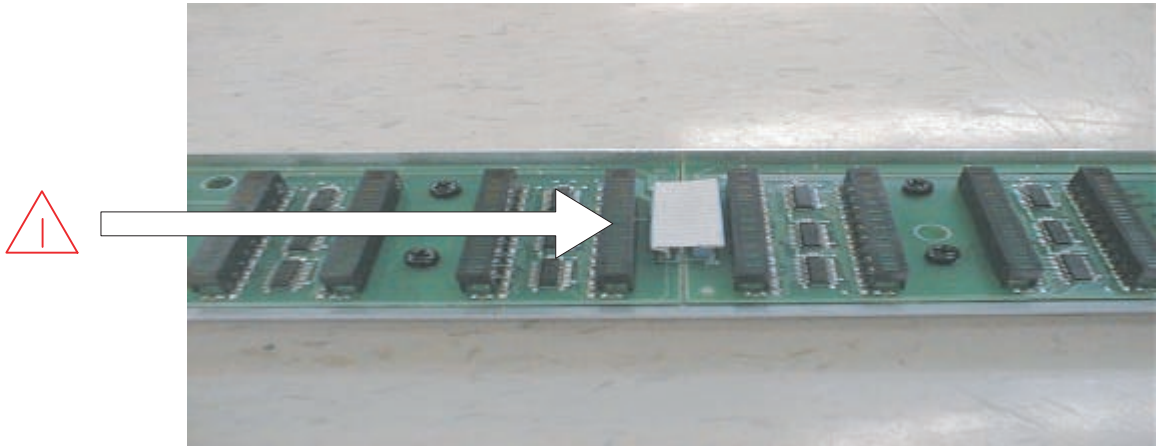
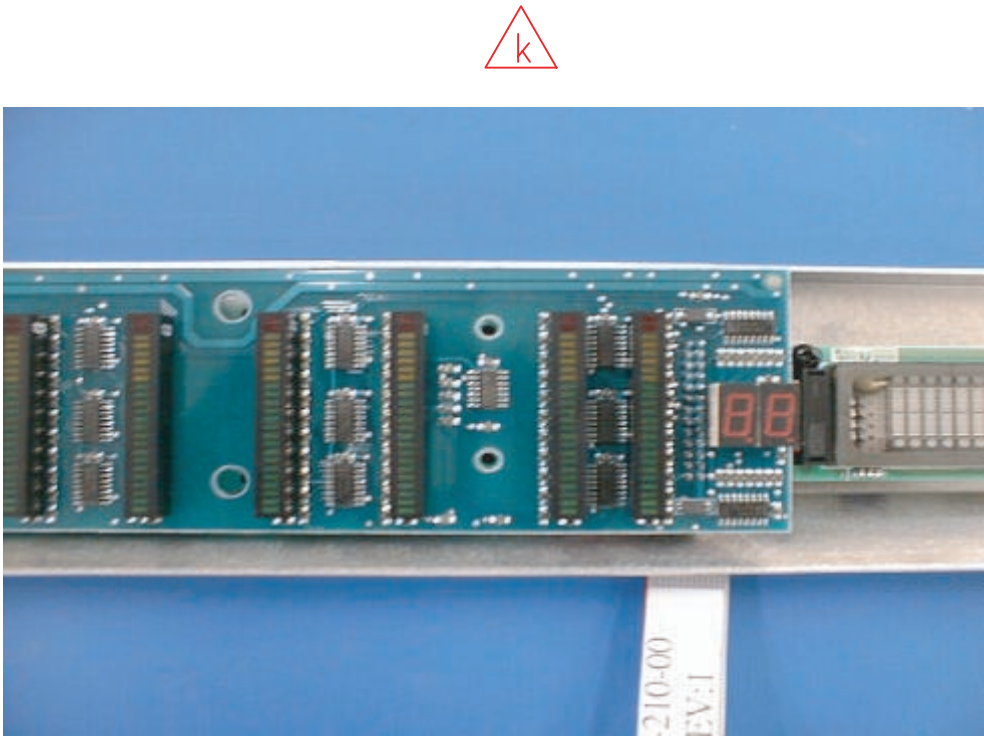


REV #	PART	PART NBR	CREV	QTY		
①	SCREEN TOP PANEL D8	550-260-00	*	1		
②	FAB SIDE PANEL RIGHT D8	550-264-00	*	1		
③	FAB SIDE PANEL LEFT D8	550-263-00	*	1		
④	SEMS 6-32x1/4 Php Blkzc	700-028-00	*	38		
⑤	EXTR PNT MTR BRIDGE RIDGE	551-039-00	*	1		
⑥	PNT FRONT MTR BRIDGE D8	550-261-00	*	1		
⑦	Sm A-AB 6x1/4 Php Blkzc	701-005-00	*	6		
⑧	SA VFD D8	080-096-00	A1	1		
⑨	FAB SHIELD METER - D8	550-279-00	*	1		
⑩	PCB ASSY MIC/LINE METERS	055-108-00	A1	1		
⑪	PCB ASSY LINE/MASTER METER	055-109-00	A1	1		
⑫	RIB 28GA 26C 13.5IN PLZD	040-211-00	*	1		
⑬	GASKET EMI NYL FOAM 32IN	712-051-00	*	1		
SEQ. TASK					SEQ. TASK	
					⚠ Attach the CONNECTOR linking the MIC/LINE and LINE/MASTER METER BOARDS and push it down so it is not higher than meters.	
					⚠ Attach Cable J28 ⑫ to the REAR of METER BRIDGE ASSY and leave it hanging	
					⚠ Attach the METER BRIDGE ASSEMBLY to the TOP PANEL with SCREWS ④ (7x)	
					⚠ Attach METAL GASKET ⑬ to the METER BRIDGE. Make sure gasket edge is flush with metal edge toward inside of unit.	
SEQ. TASK						
SHELL ASSEMBLY						
a Attach RIGHT SIDE PANEL ② to the HOLDING FIXTURE using FIXTURE SCREWS (3x)						
b Attach LEFT SIDE PANEL ③ to the HOLDING FIXTURE using FIXTURE SCREWS (3x)						
c Place the TOP PANEL ① in between the two SIDE PANELS on the HOLDING FIXTURE						
d Attach RIGHT SIDE PANEL to TOP PANEL using screw ④ (3x) from the outside.						
e Attach LEFT SIDE PANEL to TOP PANEL using screw ④ (3x) from the outside.						
f Attach the FRONT METER BRIDGE ⑥ to the TOP PANEL and SIDE PANELS with SCREWS ④ (10x)						
g Attach the CROWN ⑤ to the FNT MTR BRIDGE using SCREWS ⑦ (6x)						
THE THICK EDGE MUST BE POSITIONED TOWARD THE FRONT OF THE UNIT!						
VFD SUB ASSEMBLY						
⚠ Feed Cable J27 from the VFD ASSEMBLY ⑧ through the hole in the METER SHIELD ⑨						
⚠ Attach the VFD ASSY to the METER SHIELD on the FAR RIGHT SIDE with SCREWS ④ (3x)						
j Attach the MIC/LINE METER BOARD ⑩ to the METER SHIELD on the FAR LEFT with the RED LEDs on TOP and using SCREWS ④ (6x)						
⚠ Attach the LINE/MASTER METER BOARD ⑪ to the METER SHIELD in the MIDDLE with the RED LEDs on TOP using SCREWS ④ (6x). MAKE SURE THAT THE CONNECTOR ON THE BACK IS PUSHED THROUGH THE PUNCH OUT IN THE SHIELD!						
					<div><div>⚠ ⚠</div><div></div></div>	



REV #	PART	PART NBR	CREV	QTY
①	TRIM RING – D8	760–070–00	*	1
②	FAB PLATE MOUNT JOG – D8	550–283–00	*	1
③	PCB ASSY JOG WHEEL D8	055–191–00	A1	1
④	JOG WHEEL – D8	760–071–00	A1	1
⑤	ARMREST – D8	760–077–00	*	1
⑥	MCH 10–32x3/8 PHP BLKZC	700–019–00	*	7
⑦	PCB ASSY FADER X 8 – D8	055–124–00	A1	2
⑧	FAB STIFFENER – D8	550–278–00	*	1
⑨	MCH 4–40x3/16 BTNSK BLKOX	700–011–01	*	52
⑩	PCB ASSY FADER X 9 – D8	055–125–00	A1	1
⑪	LENS DISPLAY – D8	780–041–00	A1	1
⑫	NUT CAP 1/2 DIA OD STLZC	705–021–00	*	3
⑬	SEMS 6–32x1/4 PHP BLKZC	700–028–00	*	3
⑭	WASH FLAT M9 (W/ENCODER)	710–027–00	*	1
⑮	NUT HEX M9 (W/ENCODER)	705–020–00	*	1
⑯	RIB 28GA 34C 11.5IN PLZD	040–199–00	*	1
⑰	RIB 28GA 34C 8.25IN PLZD	040–198–00	*	1
⑱	RIB 28GA 34C 18IN PLZD	040–200–00	*	1

SEQ. TASK
JOG WHEEL ASSEMBLY
<b>a</b> Attach the JOG WHEEL RING ① to the TOP PANEL from the UNDER SIDE using NUTS ⑫ (3x) <b>TIGHTEN BY HAND – CHECK ALIGNMENT ON TOP PANEL MAKE SURE RING RESTS FLAT AGAINST THE TOP PANEL!</b>
<b>b</b> Attach the JOG WHEEL MOUNTING PLATE ② to the UNDER SIDE of the TOP PANEL with SCREWS ⑬ (3x)
<b>c</b> Attach the JOG WHEEL BOARD ③ to the JOG WHEEL MOUNTING PLATE with WASHER ⑭ (1x) and NUT ⑮ (1x) <b>CONNECTOR SHOULD FACE THE INSIDE OF THE UNIT. TIGHTEN BY HAND – BE VERY CAREFUL NOT TO CROSS THREAD THE NUT.</b>
<b>d</b> Push the JOG WHEEL ④ into the JOG WHEEL RING <b>MAKE SURE IT SPINS SMOOTHLY &amp; EVENLY</b>
<b>e</b> Attach the ARMREST ⑤ to the TOP PANEL using SCREWS ⑥ (7x) <b>MAKE SURE THAT THE ARMREST POSITIONS OVER THE EDGE OF JOG WHEEL RING</b>
FADER ASSEMBLY
<b>f</b> Attach the STIFFENER ⑧ to the TOP PANEL on the FAR RIGHT SIDE using SCREWS ⑨ (2x)
<b>g</b> Attach Cable J38 ⑰ to the 8 CHAN FADER BOARD ⑦ and leave hanging

SEQ. TASK

**h** Attach 8 CHANNEL FADER BOARD to the left side of the TOP PANEL with screws ⑨ (16x).  
**INSERT WITH MOTORS TOWARD FRONT OF MIXER. CHECK STIFFENEER ALIGNMENT BEFORE TIGHTENING.**

**i** Attach Cable J39 ⑯ to the second 8 CHAN FADER BOARD ⑦ and leave hanging

**j** Attach 8 CH FADER BOARD ⑦ to middle of TOP PANEL with SCREWS ⑨ (16x) .

**k** Attach Cable J40 ⑱ to the 9 CHAN FADER BOARD ⑩ and leave hanging

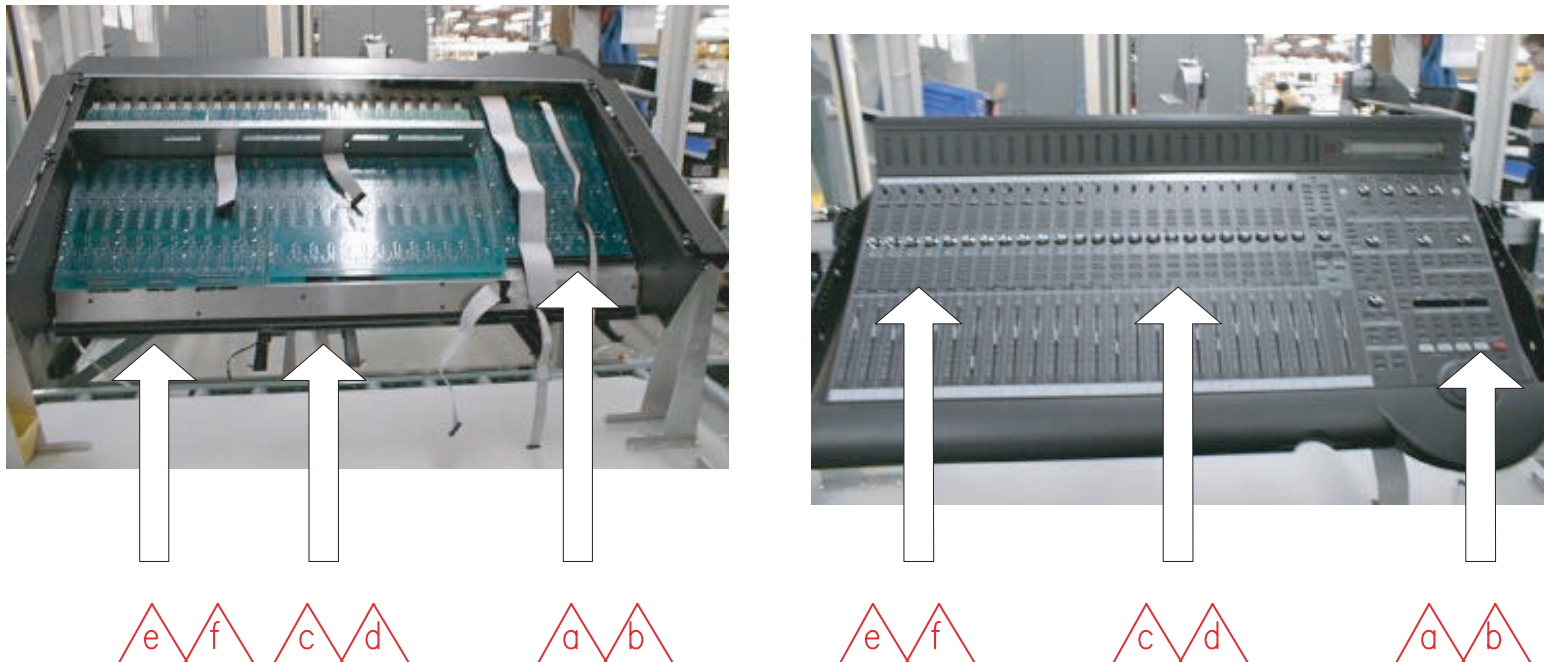
**l** Attach the 9 CHANNEL FADER BOARD ⑩ to the TOP PANEL with SCREWS ⑨ (18x)

**m** Attach the WINDOW LENS ⑪ to the BACK SIDE of the TOP PANEL.

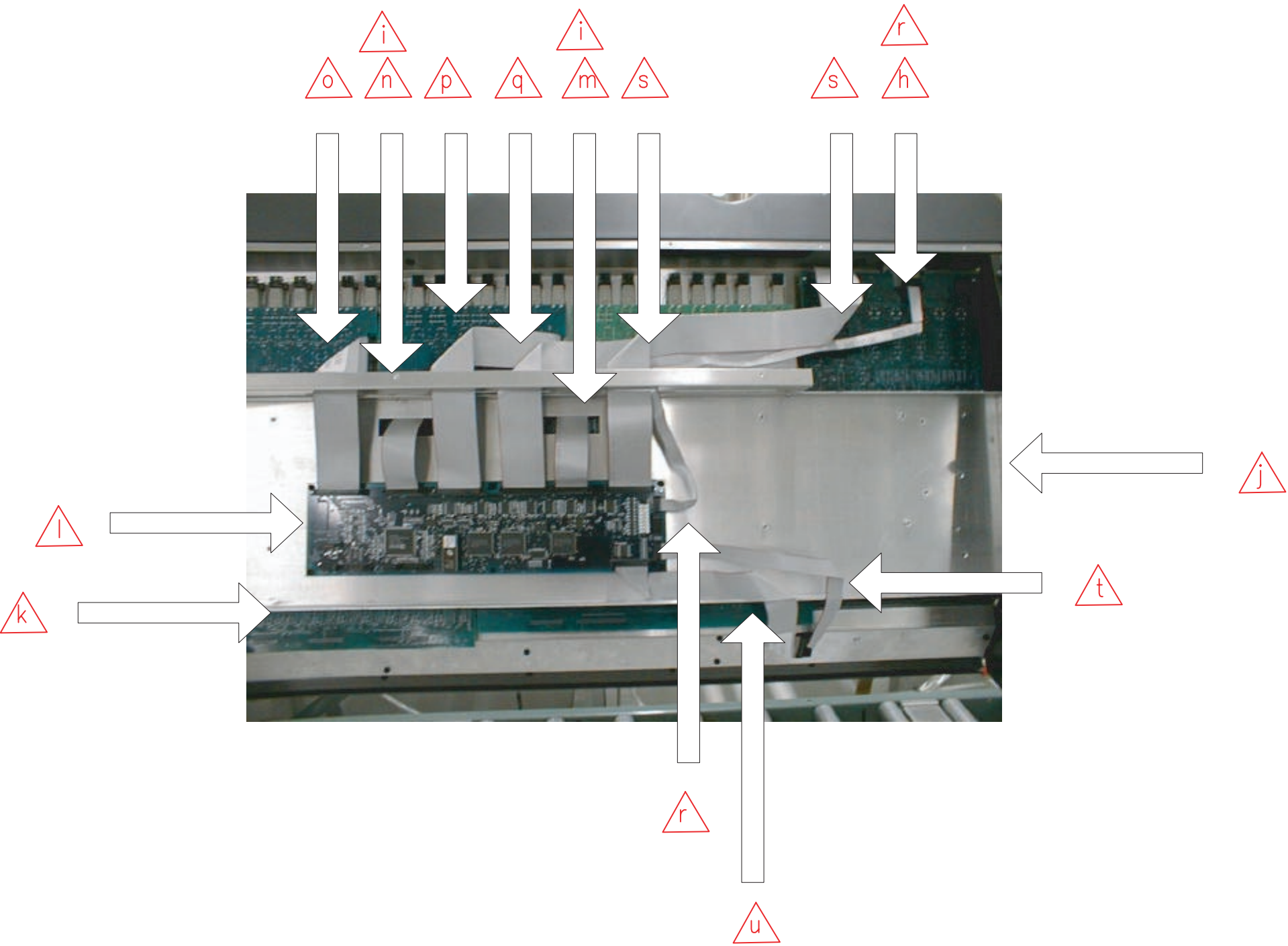




AFTER FADER BOARD INSTALLATION

					SEQ. TASK
REV #	PART	PART NBR	CREV	QTY	
①	RIB 28GA 10C 23IN PLZD	040-195-00	*	1	△ <sub>n</sub> Attach Cable J37 to CONTROL BRAIN BOARD POS. J37
②	RIB 28GA 34C 21IN PLZD	040-196-00	*	1	△ <sub>o</sub> Connect Cable J38 from THE END 8 CHAN FADER BOARD POS.J39 to CONTROL BRAIN BOARD POS. J38. <b>ROUTE THROUGH THE STIFFENER</b>
③	RIB 28GA 26C 6IN PLZD	040-197-00	*	2	△ <sub>p</sub> Connect Cable J39 from the MIDDLE 8 CHAN FADER BOARD to CONTROL BRAIN BOARD POS. J39 <b>FOLD, THEN ROUTE THROUGH THE STIFFENER</b>
④	PCB ASSY MIC/CTL SURF	055-120-01	A1	1	△ <sub>q</sub> Connect Cable J40 from 9 CHAN FADER BOARD to CONTROL BRAIN BOARD POS. J40 <b>ROUTE THROUGH THE THIRD HOLE FROM THE RIGHT ON THE STIFFENER</b>
⑤	PCB ASSY LINE/CTL SURF D8	055-121-01	A1	1	△ <sub>r</sub> Attach Cable J34 from the JOG WHEEL BOARD to CONTROL BRAIN BOARD POS. J34 <b>ROUTE THROUGH THE SECOND SLOT FROM THE RIGHT ON THE STIFFENER</b>
⑥	PCB ASSY OUT/CTL SURF – D8	055-122-01	A1	1	△ <sub>s</sub> Attach Cable J35 from the OUT/CTL SURFACE BOARD POS. J35 to CONTROL BRAIN BOARD POS. J35 <b>ROUTE THROUGH THE SECOND SLOT FROM THE RIGHT ON THE STIFFENER WITH J34</b>
⑦	PSB ASSY CNTRL BRAIN – D8	055-136-00 -01	A1	1	△ <sub>t</sub> Attach Cable J27 from the VFD BOARD to CONTROL BRAIN BOARD POS. J27 <b>MUST ROUTE OVER THE SUB CHASSIS BEFORE IT FOLDS AND THEN LAY TO THE LEFT.</b>
⑧	FAB SUB CHASSIS D8	550-273-00	*	1	△ <sub>u</sub> Attach Cable J28 from the METER BRIDGE ASSY TO CONTROL BRAIN BOARD POS. J28. <b>BEND IT SO THAT IT FOLLOWS J27</b>
⑨	MCH 4-40x1/4 BTNSK BLK0X	700-011-00	*	39	
⑩	SEMS 6-32x1/4 PHP BLKZC	700-028-00	*	12	
⑪	BUMPON ROUND BLK	750-001-00	*	1	
SEQ. TASK					
CONTROL SURFACE ASSEMBLY					
△ <sub>a</sub> Attach Cable J35 ② to the OUT/CTL SURFACE BOARD ⑥ POS. J35 <b>THE RIBBON CABLE MUST BE ATTACHED BEFORE PLACING IT IN THE TOP PANEL!</b>					
△ <sub>b</sub> Attach the OUT/CTL SURFACE BOARD to the TOP PANEL with SCREWS ⑨ (15x)					
△ <sub>c</sub> Attach Cable J36 ③ to the LIN/CTL SURFACE BOARD ⑤ POS. J36 <b>THE RIBBON CABLE MUST BE ATTACHED BEFORE PLACING IT IN THE TOP PANEL!</b>					
△ <sub>d</sub> Attach the LIN/CTL SURFACE BOARD to the TOP PANEL with SCREWS ⑨ (12x)					
△ <sub>e</sub> Attach Cable J37 ③ to the MIC/CTL SURFACE BOARD ④ POS. J37 <b>THE RIBBON CABLE MUST BE ATTACHED BEFORE PLACING IT IN THE TOP PANEL</b>					
△ <sub>f</sub> Attach the MIC/CTL SURFACE BOARD to the TOP PANEL with SCREWS ⑨ (12x)					
△ <sub>g</sub> Fold Cable J35 from the OUT/CTL BOARD ⑥ and position it so that it is out of the way					
△ <sub>h</sub> Connect Cable J34 ① to the JOG WHEEL and fold it so that the SUB CHASSIS can be placed in the unit					
SUB CHASSIS ASSEMBLY					
△ <sub>i</sub> Feed RIBS J36 & J37 of the CONTROL SURFACE BOARDS through holes in the SUB CHASSIS					
△ <sub>j</sub> Attach the SUB CHASSIS ⑧ to the STIFFENER & SIDE PANEL with SCREWS ⑩ (6x) <b>TIGHTEN DOWN THE JOG WHEEL SIDE FIRST. THE SCREWS MUST GO THROUGH THE STIFFENER</b>					
△ <sub>k</sub> Place one BUMPON ⑪ on the UNDER SIDE of the LEFT CORNER of the SUB CHASSIS					
△ <sub>l</sub> Attach the CONTROL BRAIN BOARD ⑦ to the SUB CHASSIS with SCREWS ⑩ (6x) <b>J41 OF THE BRAIN BOARD MUST POINT AWAY FROM THE JOG WHEEL!</b>					
△ <sub>m</sub> Attach Cable J36 to CONTROL BRAIN BOARD POS. J36					





REV #	PART	PART NBR	CREV	QTY
①	PCB ASSY DCA – D8	055–112–00 –01	C1	1
②	FAB SHIELD DSP – D8	550–280–00	*	1
③	SEMS 6–32x1/4 PHP BLKZC	700–028–00	*	24
④	RIB 28GA 20C 11.5IN PLZD	040–147–00	*	1
⑤	PCB ASSY CODEC – D8	055–113–00 –01	B1	1
⑥	PCB ASSY DSP – D8	080–095–00	B1	1
⑦	RIB 28GA 20C 8.5IN PLZD	040–212–00	*	1
⑧	RIB 28GA 40C 1IN PLZD	040–277–00	*	1
⑨	RIB 28GA 34C 3IN PLZD	040–146–00	*	1
⑩	RIB 28GA 26C 2.5IN PLZD	040–145–00	*	1
⑪	1/2” COPPER TAPE	720–012–00	*	A/R

- SEQ. TASK
- a

Mount the DCA BOARD ① to the DSP SHIELD ② with SCREWS ③ (8x)  
MOUNT WITH COMPONENT SIDE DOWN! BOARD WILL BE AT THE BOTTOM OF A STACK OF BOARDS.  
MOUNT WITH THE SHIELD ENDTABS FACING UP!

b

Attach Cable J15 ④ to CODEC BOARD ⑤ POS. J15 and leave it hanging

c

Mount the CODEC BOARD with SCREWS ③ (8x). IT WILL BE SANDWICHED BETWEEN 2 BOARDS  
MOUNT WITH COMPONENT SIDE DOWN

d

Attach the DSP BOARD ⑥ to TOP OF CODEC BOARD with SCREWS ③ (8x)  
MOUNT WITH COMPONENTS FACING UP

e

Connect Cable J12 ⑩ from DSP BOARD POS. J12 to CODEC BOARD POS. J12

f

Connect Cable J13 ⑨ from DSP BOARD POS. J13 to CODEC BOARD POS. J13

g

Connect Cable J31 ⑦ to DCA BOARD POS. J31 and leave it hanging

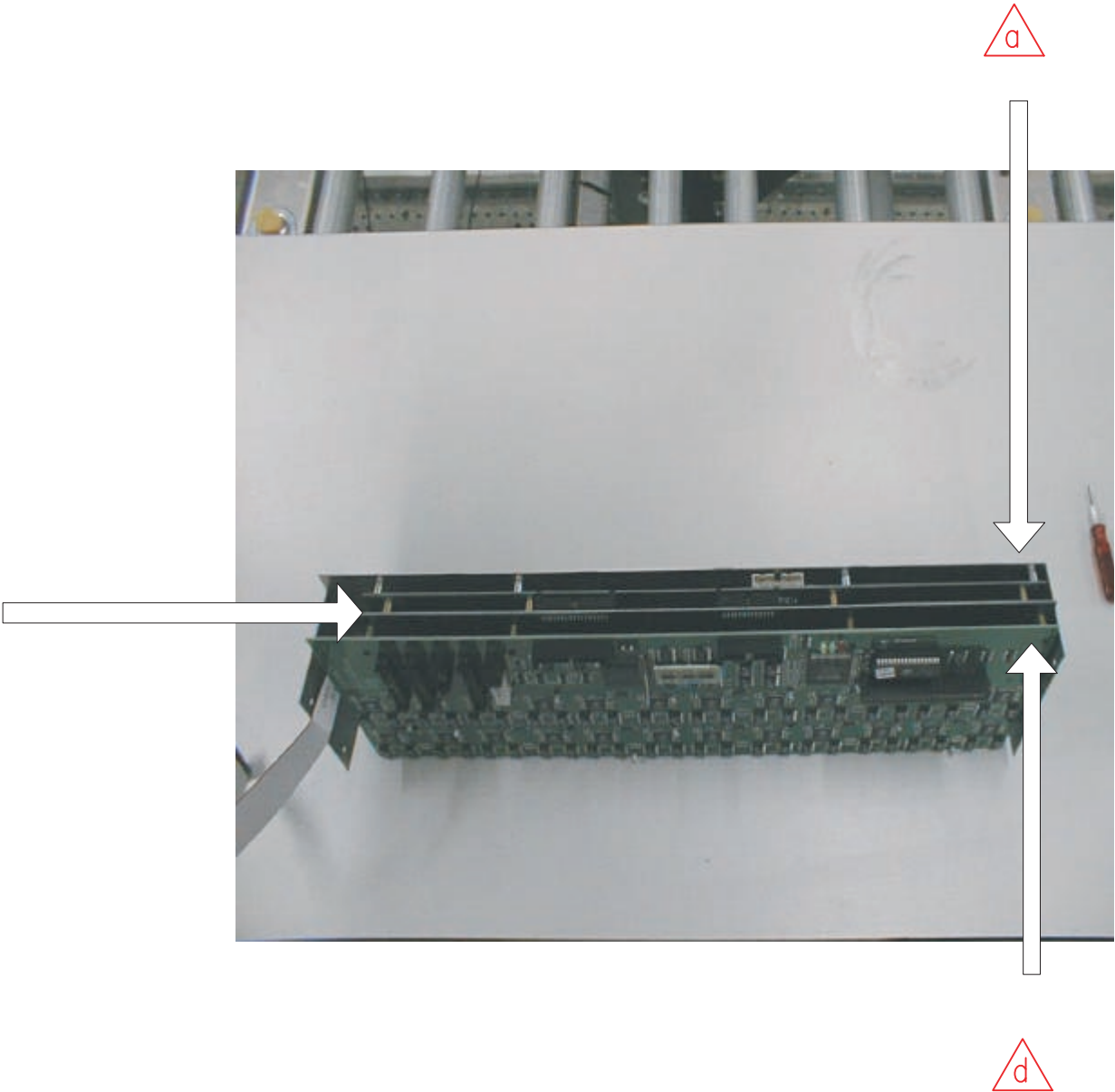
h

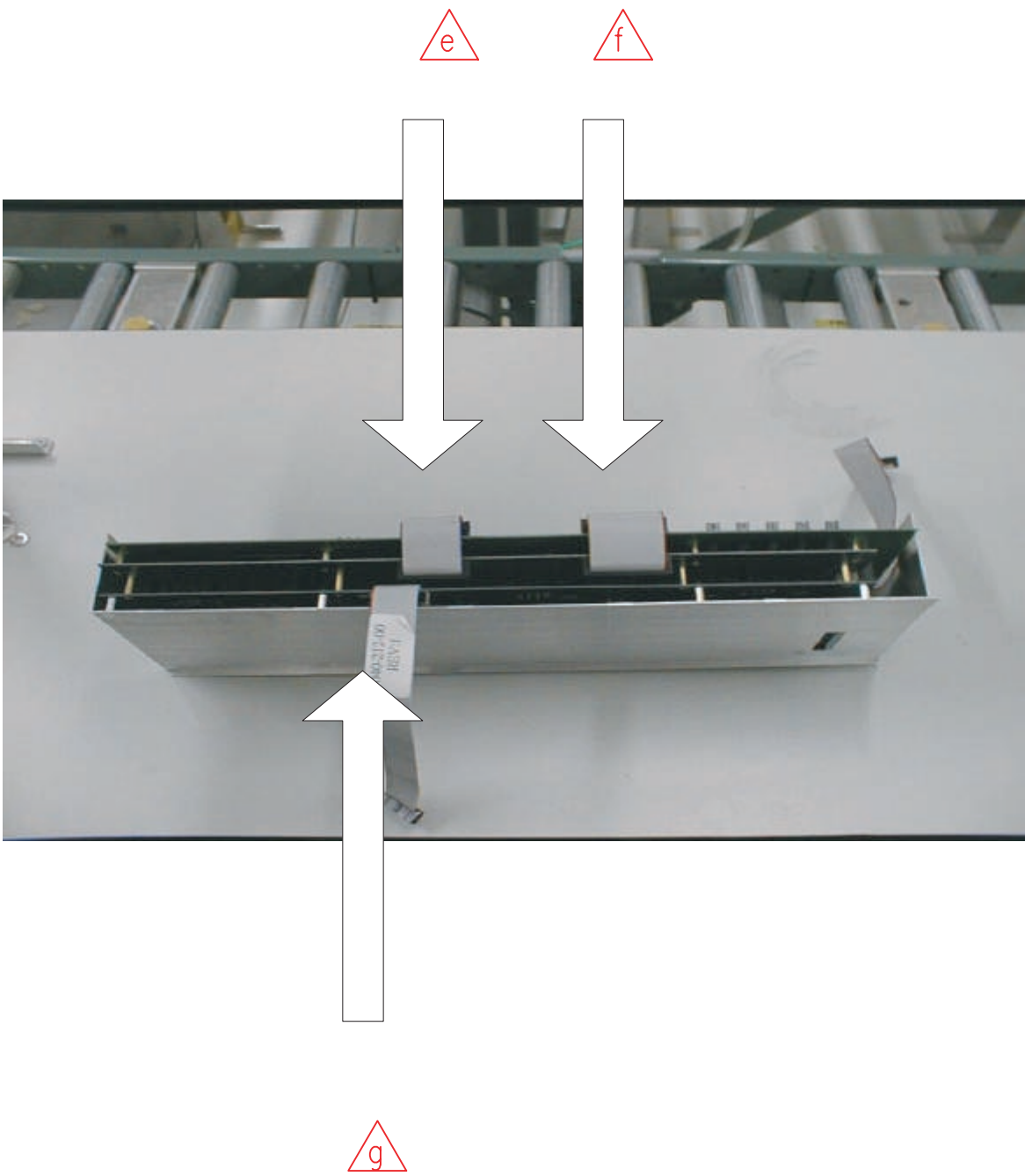
Connect Cable J11 ⑧ from DCA BOARD POS. J11 to CODEC BOARD POS. J11

i

Attach COPPER TAPE ⑪ from Copper Patch on CODEC BOARD to TOP of DSP BOARD

b  
c







REV #	PART	PART NBR	CREV	QTY
①	SCREEN REAR PANEL D8	550-303-00	*	1
②	RIB 28GA 25C 4.5IN DSUB	040-143-00	*	1
③	STDF 4-40x.25 JACKSCREW	706-017-00	*	2
④	WASHER SPLTLCK NO 4	710-008-00	*	4
⑤	PCB ASSY ANA I/O JACKFLD	055-110-00 -01	B1	1
⑥	RIB 28GA 26C 8IN PLZD	040-141-00	*	4
⑦	RIB 28GA 40C 8IN PLZD	040-142-00	*	4
⑧	RIB 28GA 20C 22 28IN DSUB	040-252-00	*	1
⑨	WASHER (SPLD WITH JACK)	710-002-00	*	66
⑩	NUT (SPLD W/JACK)	705-003-00	*	66
⑪	MCH 4-24X3/8 PHP BLK HILO	700-055-00	*	28
⑫	FAB CARD CAGE	550-285-00	*	1
⑬	SEMS 6-32x1/4 PHP BLKZC	700-028-00	*	16
⑭	CARD GUIDE 4.0L SNAP-IN	740-017-00	*	20
⑮	PCB ASSY EFFECTS BACKPLN	055-163-00 -01	C1	1
⑯	RIB 28GA 26C 20.5IN PLZD	040-202-00	*	1
⑰	STDF 4-40\M2.6F JACKSCREW	706-065-00	*	2

- SEQ. TASK
- REAR PANEL ASSEMBLY
- a

Attach Cable J8② to the REAR PANEL① with SCREW⑰(2x) and WASHERS④(2x)
- b

Attach Cable J25 & J26⑧ to the RIGHT END of the REAR PANEL with SCREWS③(2x) and WASHERS④(2x) then cover with PLUG⑱(1x)
- c

Sub assemble the REAR PANEL BOARD⑤ with Cables J1,J2,J7,J9⑥(4x)
- d

Sub assemble the REAR PANEL BOARD with Cables J4,J5,J6,J10⑦(4x).
- e

Attach Cable J43⑯ to REAR PANEL BOARD POS. J43 and leave it hanging.
- f

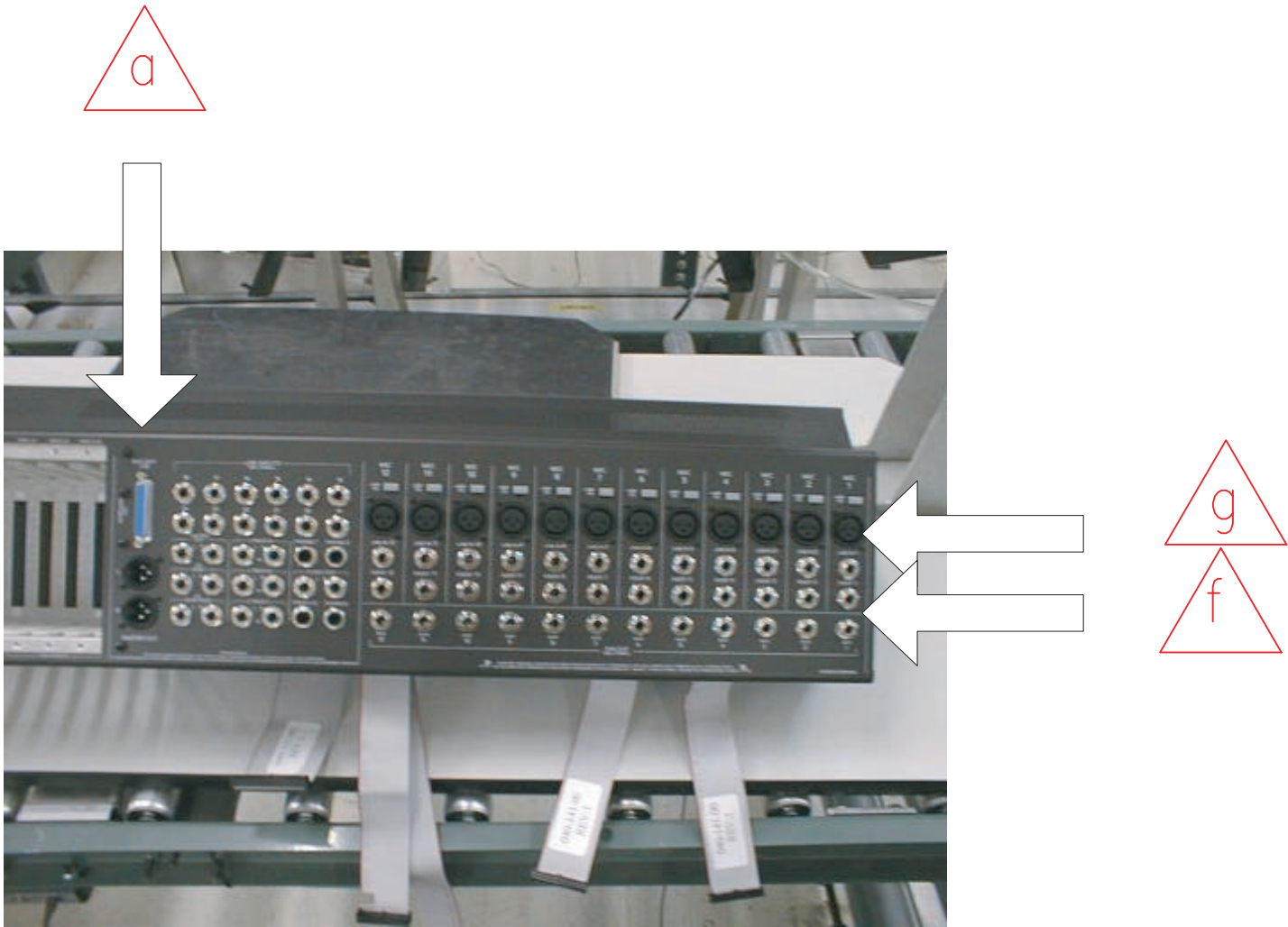
Attach assembled REAR PANEL BOARD to the REAR PANEL, install WASHERS⑨ and tighten with NUTS⑩. THE NUTS ON THE PLASTIC JACKS MUST BE TIGHTENED BY HAND
- g

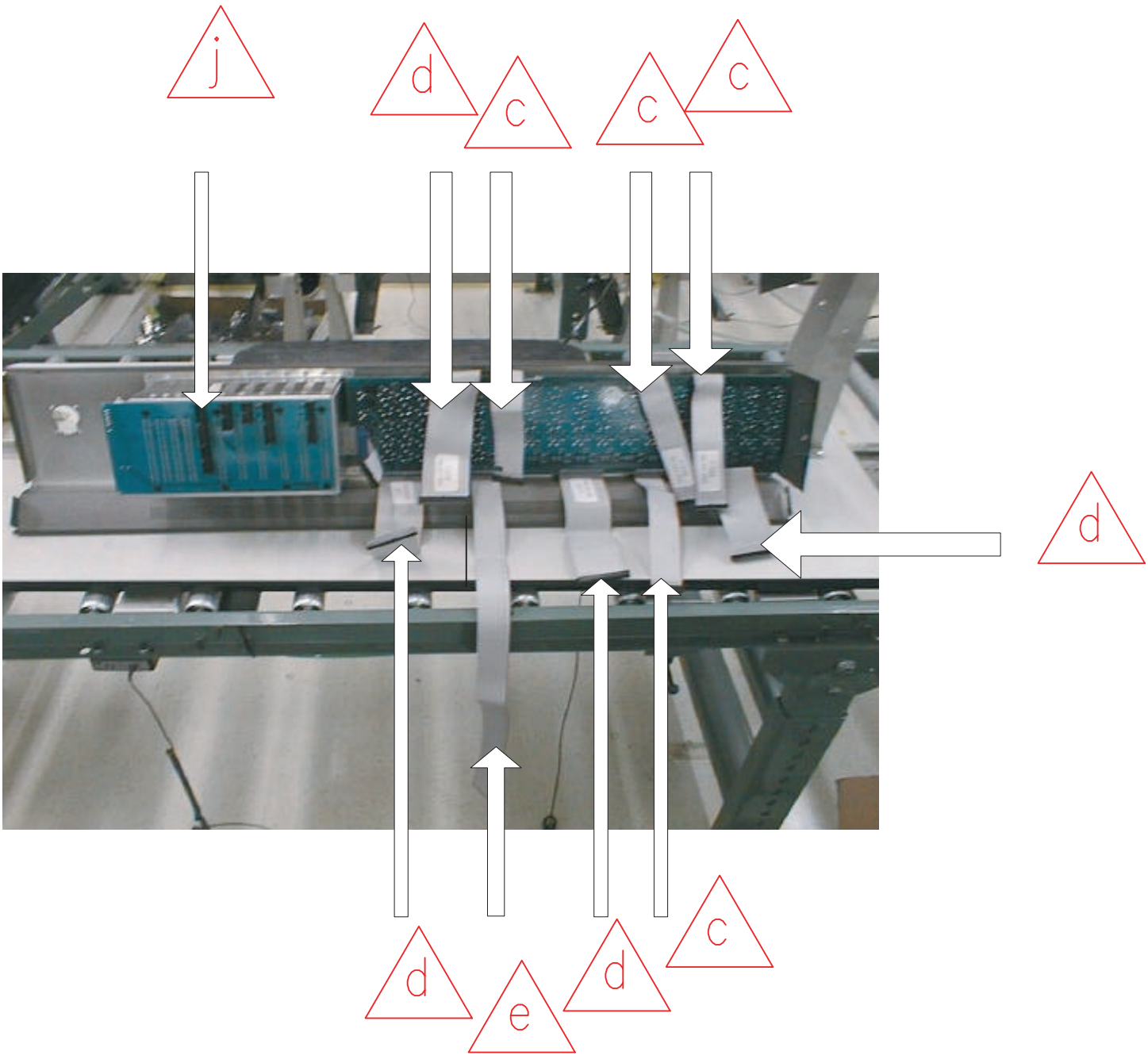
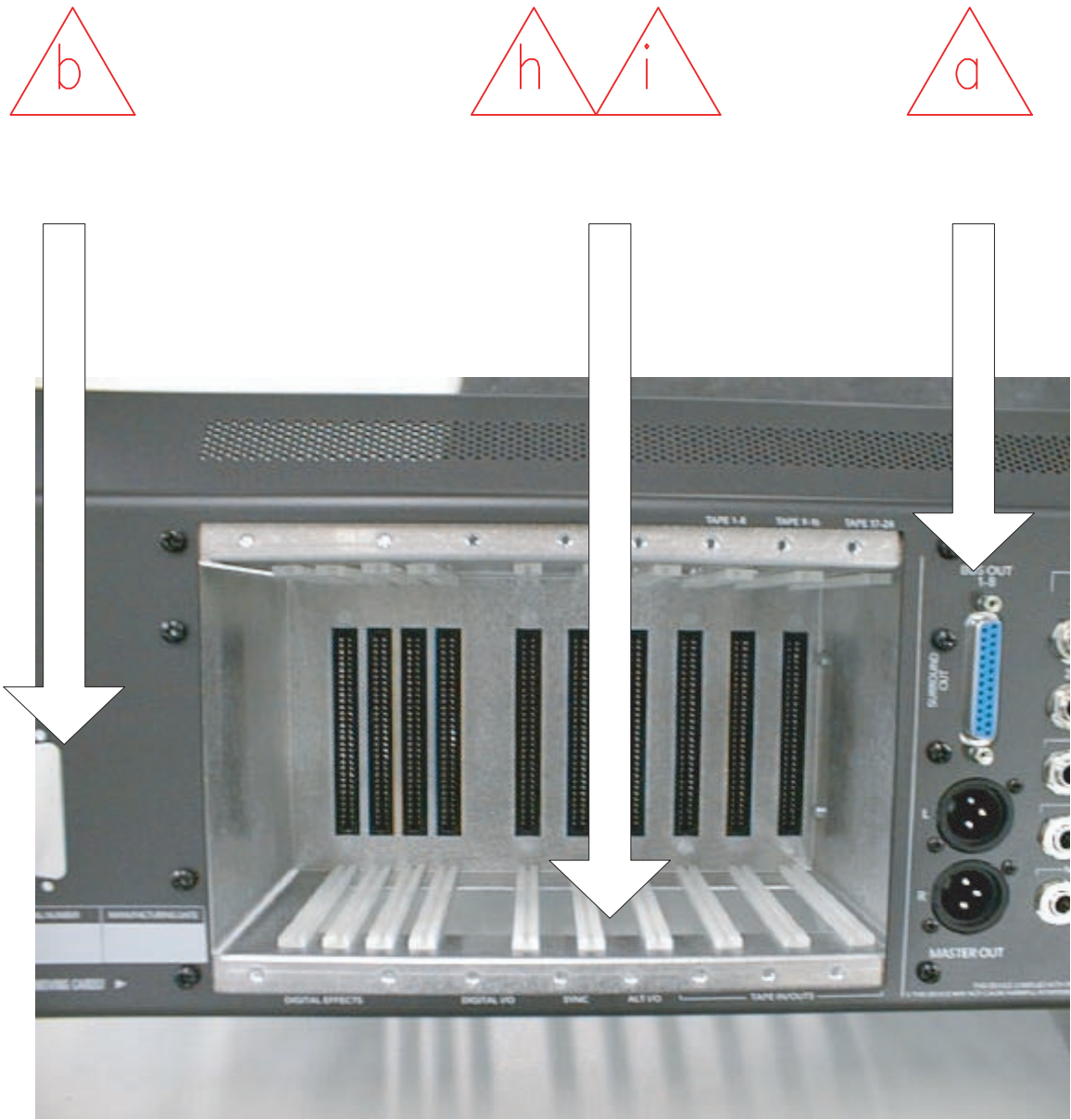
Tighten down XLR MALES and XLR FEMALES with SCREWS⑪.
- CARD CAGE ASSEMBLY
- h

Snap CARD GUIDES⑭- WIDE END FACING OUT - into place in the CARD CAGE⑫.
- i

Attach CARD CAGE to the REAR PANEL with SCREWS⑬(8x)
- j

Attach CARD CAGE BAKPLANE BOARD⑮ to BACK OF THE CARD CAGE using screws⑬(8x).







REV #	PART	PART NBR	CREV	QTY
①	RIB 28GA 26C 8IN PLZD	040-141-00	*	1
②	CBL 3P 22GA .098CL 17IN	040-138-00	*	1
③	SEMS 6-32x1/4 PHP BLKZC	700-028-00	*	4
④	RIB 28GA 34C 4IN PLZD	040-203-00	*	1
⑤	RIB 28GA 34C 6.5IN PLZD	040-204-00	*	1
⑥	RIB 28GA 20C 8.5IN PLZD	040-212-00	*	1
⑦	RIB 26GA 20C 17.5IN PLZD	040-213-00	*	1
⑧	RIB 28GA 34C 10.5IN PLZD	040-149-00	*	1

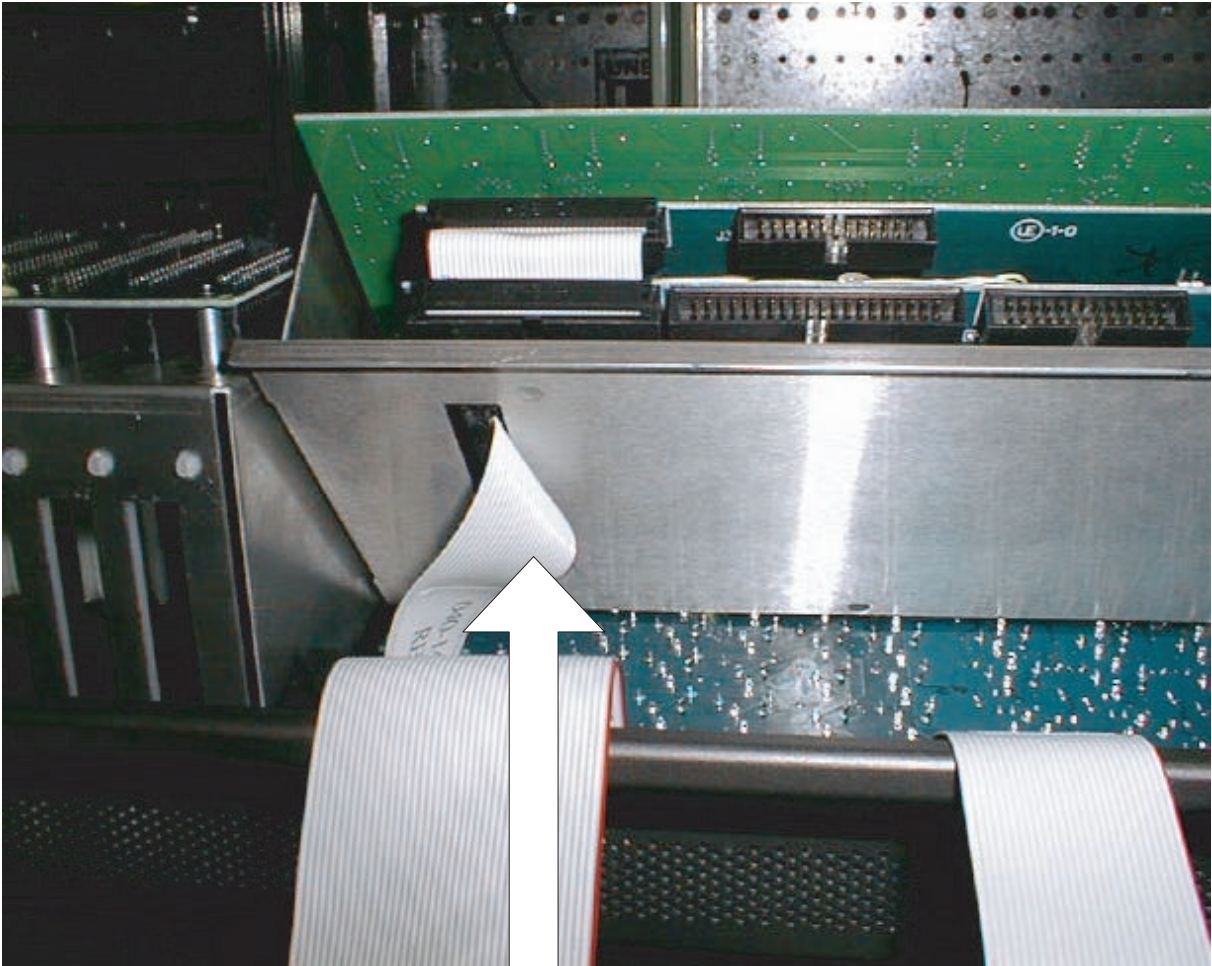
SEQ. TASK

CABLE ASSEMBLY FROM REAR PANEL TO DSP ASSEMBLY

- a Position ALL CABLES from rear panel board so that the connectors are toward the ANGLED METAL. Four cables will route over the NON-COMPONENT SIDE of the REAR PANEL BOARD. They will route UNDER the DSP SHIELD!
- △b** Attach the LEFT DB25 CABLE from the REAR PANEL to DCA BOARD POS. J8  
VERY IMPORTANT TO POSITION CORRECTLY! OTHERWISE IT WILL HAVE TO BE RE-ASSEMBLED!
- △c** Plug Cable J10 from REAR PANEL BOARD POS. J10 to DCA BOARD POS. J10
- △d** Plug Cable J9 from REAR PANEL BOARD POS. J9 to DCA BOARD POS. J9
- △e** Plug Cable J2 from REAR PANEL BOARD POS. J2 to CODEC BOARD POS. J2
- △f** Plug Cable J1 from REAR PANEL BOARD POS. J1 to CODEC BOARD POS. J1
- △g** Attach Cable J3 ① to CODEC BOARD POS. J3 and leave it hanging
- △h** Attach CABLE ASSY J60 ② to DCA BOARD POS. J60 then to the LINE/CTL SURFACE BOARD POS. J60 (MUST ROUTE UNDER J3 & J6 TO LINE/CTL SURFACE)
- △i** Slip the DSP ASSY into the REAR PANEL ASSY. Rest it on it's BACK EDGE, not on PCBS
- △j** Attach one end to the CARD CAGE using ③ (2x)
- △k** Attach the other end to the REAR PANEL using ③ (2x). Make sure that the BLACK WIRE coming from the CODEC BOARD is attached under one of the screws.

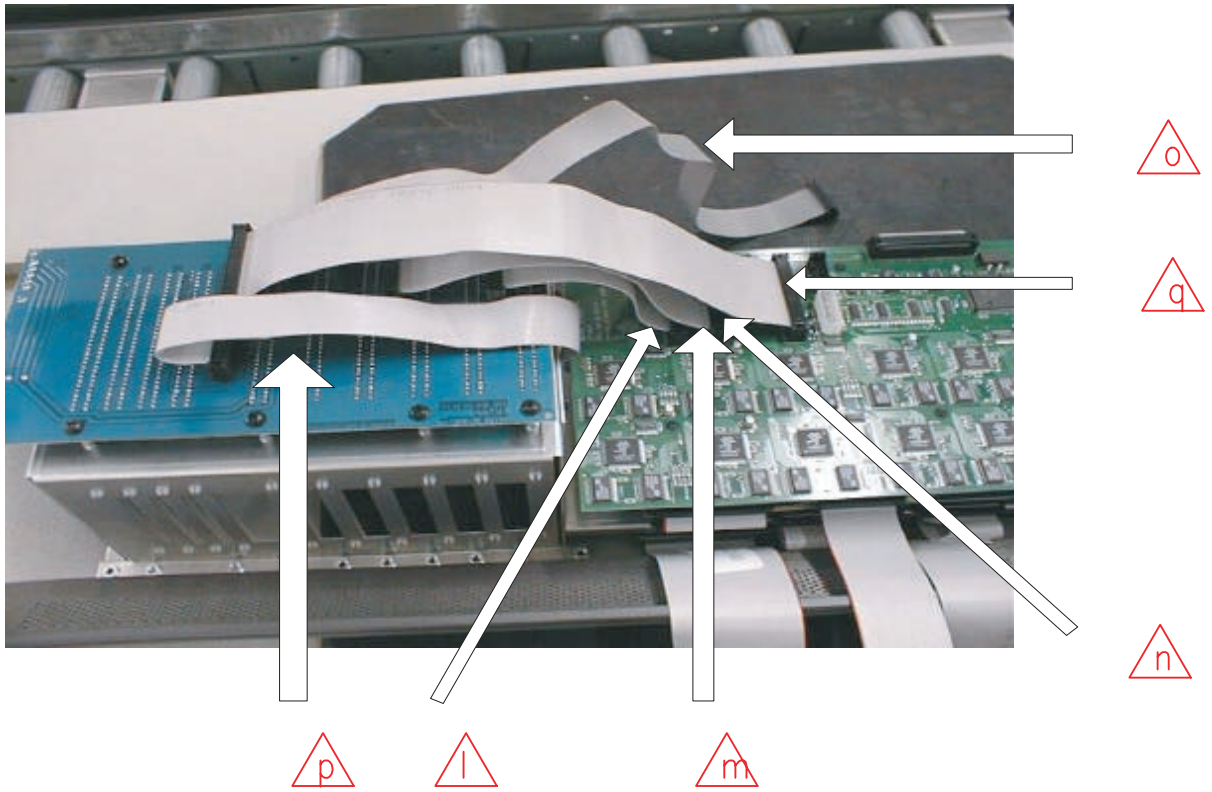
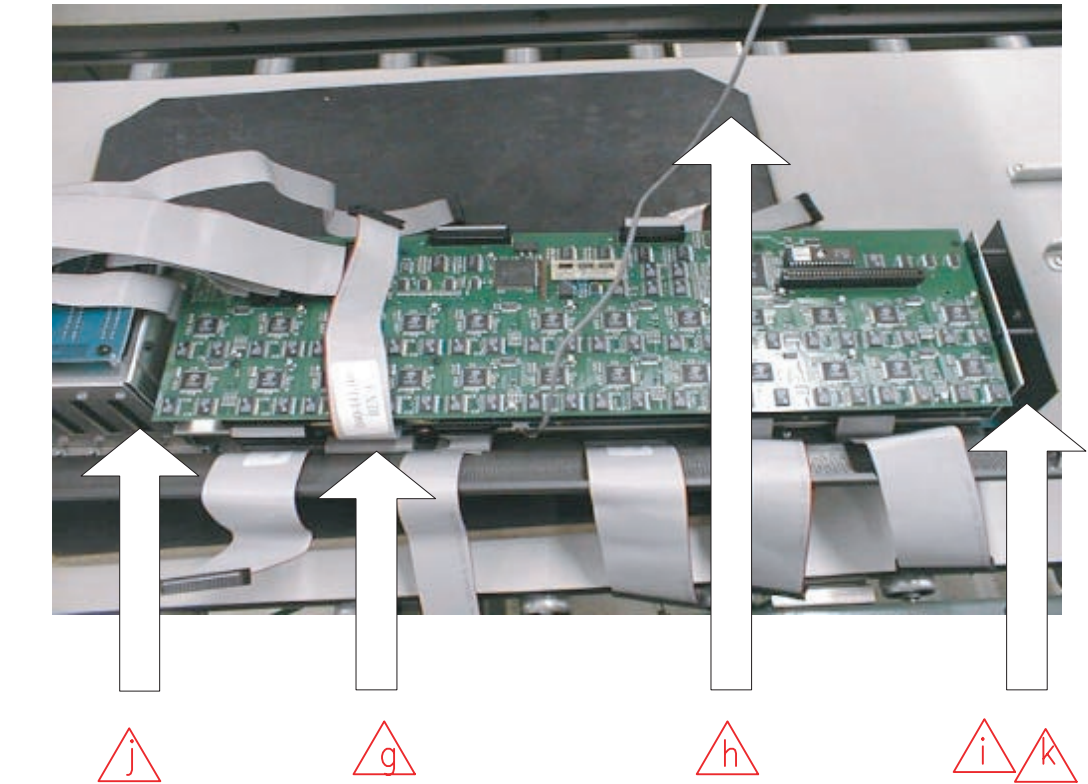
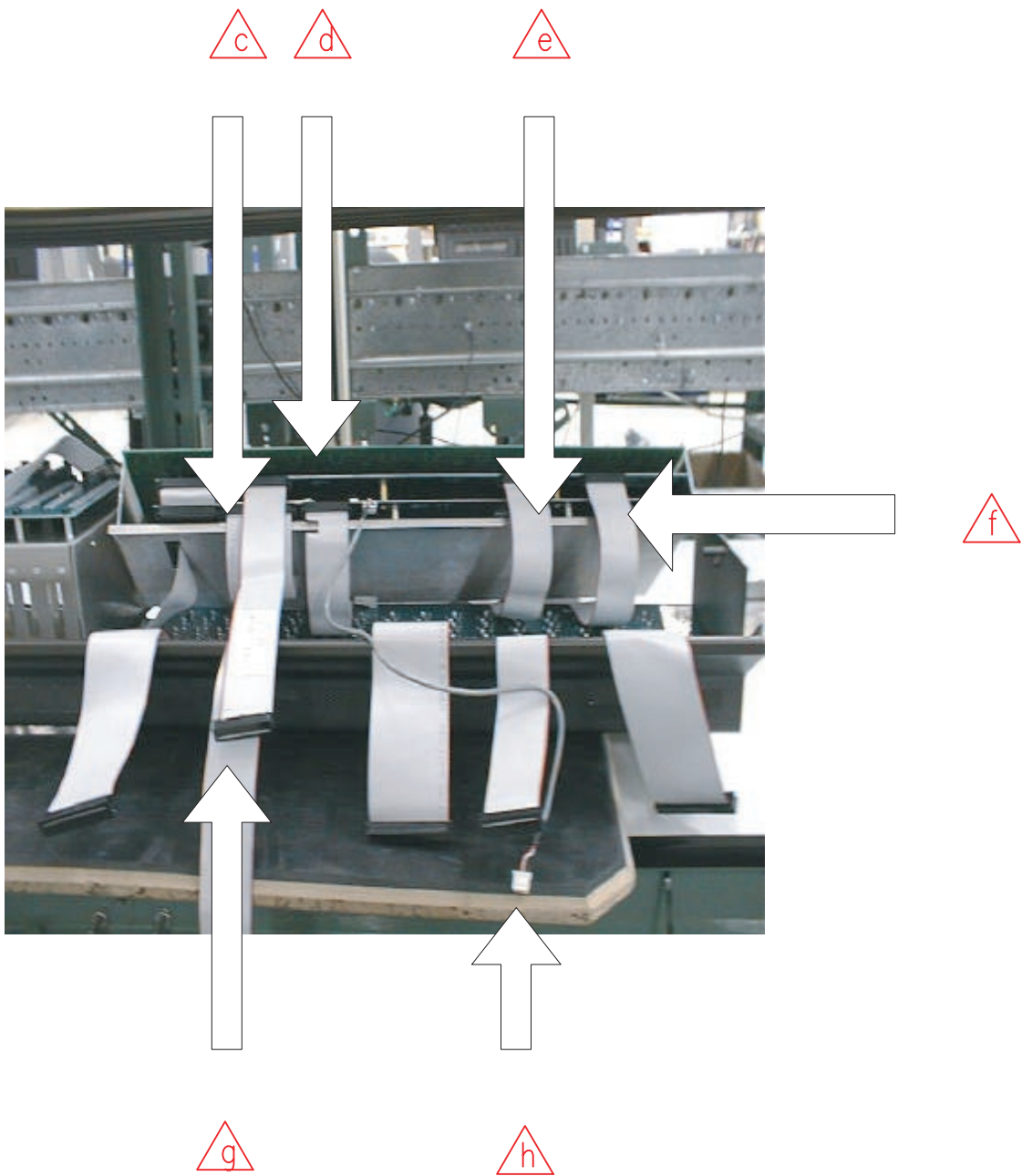
CABLE ASSEMBLY FROM DSP ASSEMBLY TO CARD CAGE

- △l** Attach Cable J47 ④ to DSP BOARD POS. J47 and to CARD CAGE BACKPLANE POS. J47
- △m** Attach Cable J48 ⑤ to DSP BOARD POS. J48 and to CARD CAGE BACKPLANE POS. J48
- △n** Attach Cable J21 ⑥ to DSP BOARD POS. J21 and to CARD CAGE BACKPLANE POS. J21
- △o** Attach Cable J32 ⑦ to CARD CAGE BACKPLANE POS. J32 and leave it hanging
- △p** Attach Cable J15 from the CODEC BOARD to the CARD CAGE PLANEBOARD POS. J15
- △q** Attach Cable J24 ⑧ to DSP BOARD POS. J24 and to CARD CAGE BACKPLANE POS. J24



**△b**

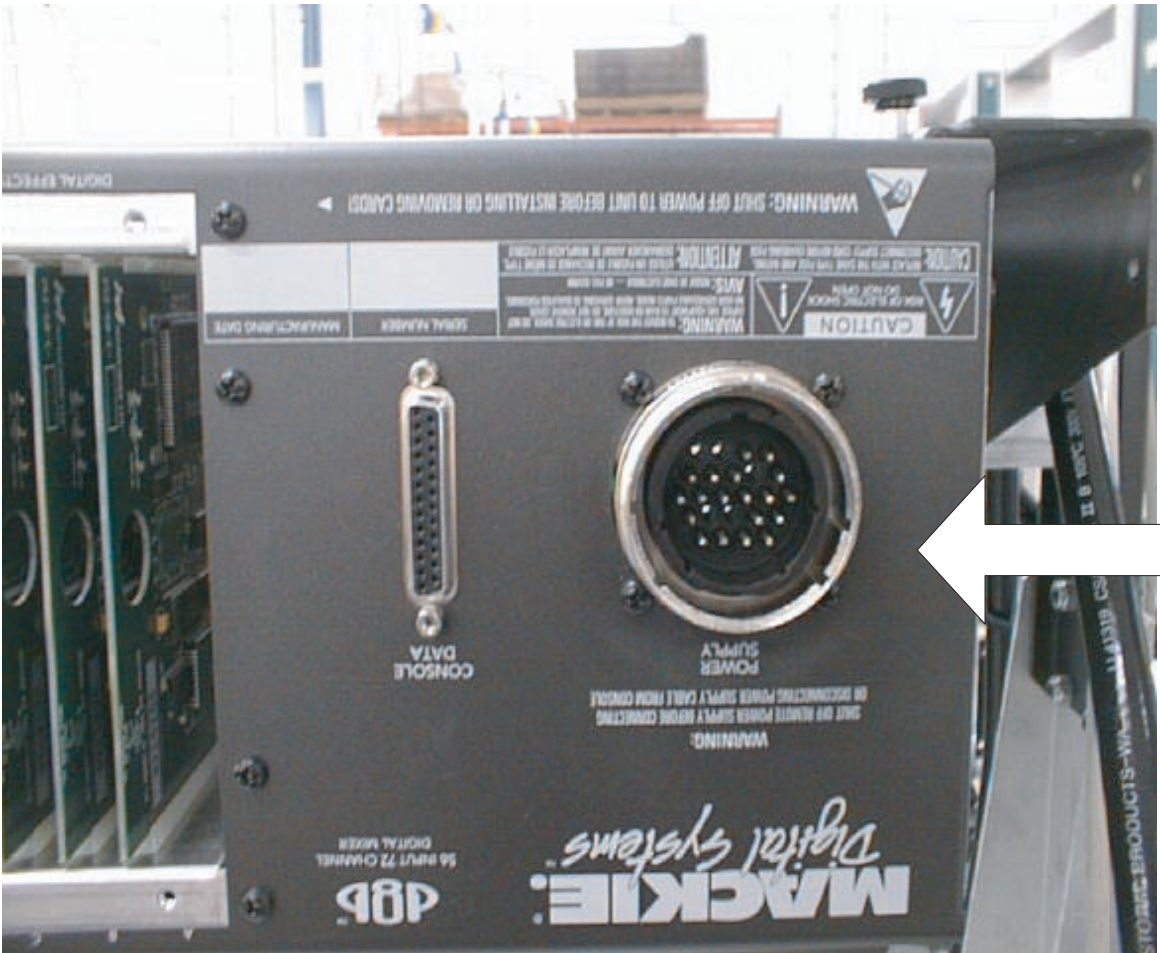




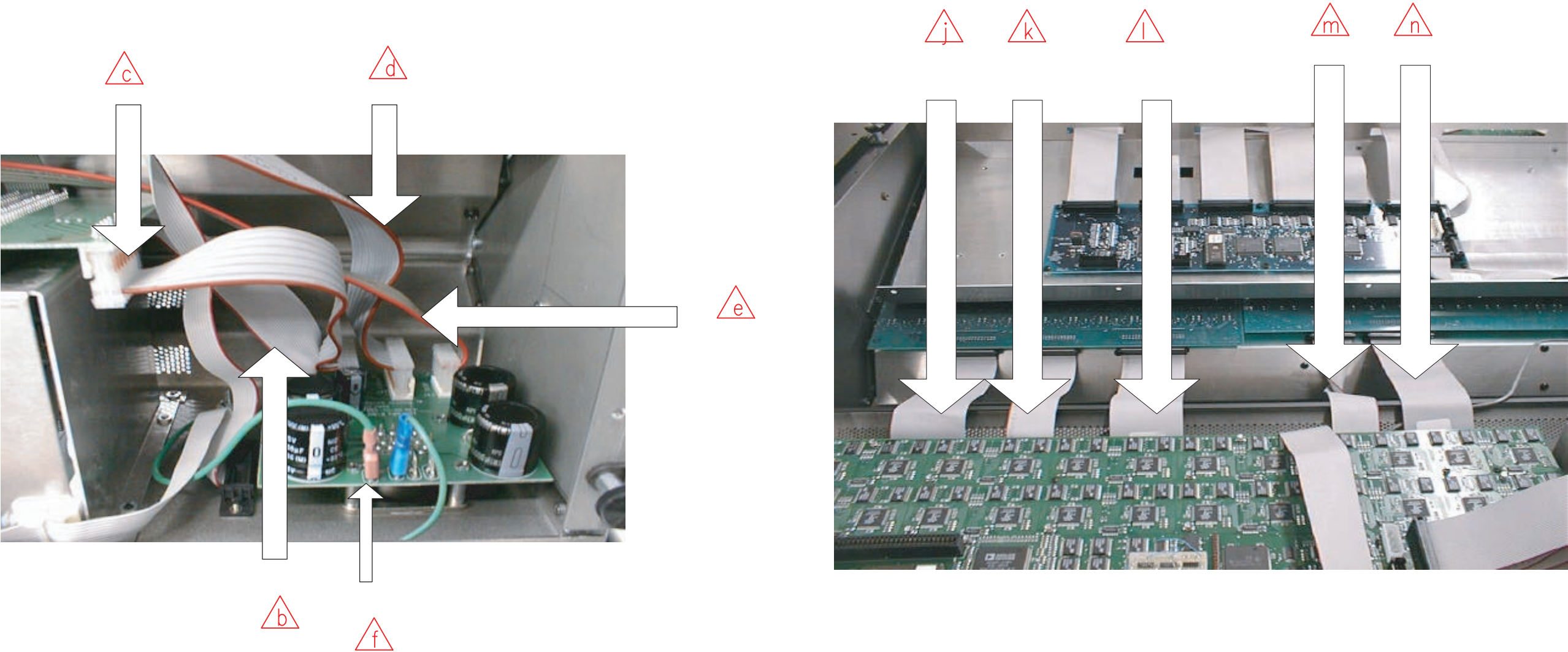
REF #	PART	PART NBR	CREV	QTY
①	PCB ASSY PWR DIST – D8	055–111–00	B1	1
②	SEMS 6–32x3/8 PHP BLKZC	700–028–02	*	4
③	RIB 18GA 7C .156x1 6.75IN	040–253–00	*	1
④	RIB 18GA 8P .156x1 19IN	040–254–00	*	1
⑤	RIB 18GA 5C .156x1 21.5IN	040–255–00	*	1
⑥	DIS 214GA BLK 6.5IN LIG/LUG	040–340–00	*	1
⑦	DIS 16GA 1007 GN/YL 5 Q/L	040–278–00	*	1
⑧	KEPNUT 6–32	705–001–00	*	2
⑨	SEMS 6–32x1/4 PHP BLKZC	700–028–00	*	9

SEQ. TASK				
△a	Attach the POWER DIST BOARD ① to the REAR PANEL with SCREWS ② (4x)			
△b	Attach Cable J43 from the REAR PANEL BOARD to POS. J43 of the POWER DIST BOARD			
△c	Attach Cable J50 ③ to the CARD CAGE BACKPLANE BOARD POS. J50 and to POWER DIST BOARD POS. J50			
△d	Attach Cable J41 ④ to CONTROL BRAIN BOARD POS. J41 and to POWER DIST BOARD POS. J41			
△e	Attach Cable J42 ⑤ to DSP BOARD POS. J42 and to POWER DIST BOARD POS. J42			
△f	Attach cable with GROUNDING LUG 7 from the FAR LEFT TERMINAL on the POWER DIST BOARD to the GROUNDING LUG on the BACK PANEL and tighten down using 8 (1x)			
g	Attach Cable with GROUNDING LUGS ⑥ to Card Cage using Screw ⑨ and then to the Grounding Lug on the Back Panel and tighten down using ⑧ (1x)			
h	POSITION ALL CABLES OUT OF THE WAY SO THAT THE REAR PANEL ASSY CAN BE ATTACHED TO THE SHELL			
i	Place the REAR PANEL ASSY on the fixture for support			
△i	Attach Cable J4 from the REAR PANEL to MIC/CTL SURFACE BOARD POS. J4.			
△k	Attach Cable J7 from the REAR PANEL to MIC/CTL SURFACE BOARD POS. J7.			
△l	Attach Cable J5 from the REAR PANEL to MIC/CTL SURFACE BOARD POS. J5. MUST ROUTE OVER THE TALK BACK CABLE!			
△m	Attach Cable J3 from the CODEC BOARD to POS J3 of the LINE/CTL SURFACE BOARD IT WILL HAVE TO BE TWISTED ONCE AS CLOSE AS POSSIBLE TO THE REAR PANEL. MUST ROUTE OVER THE TALK BACK CABLE!			

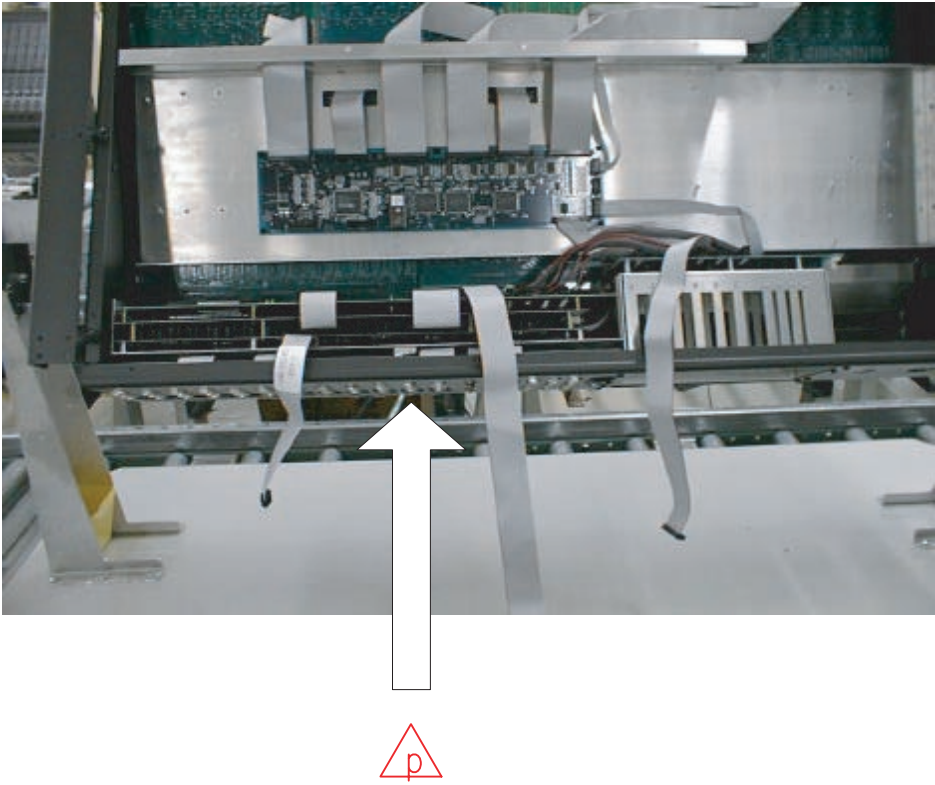
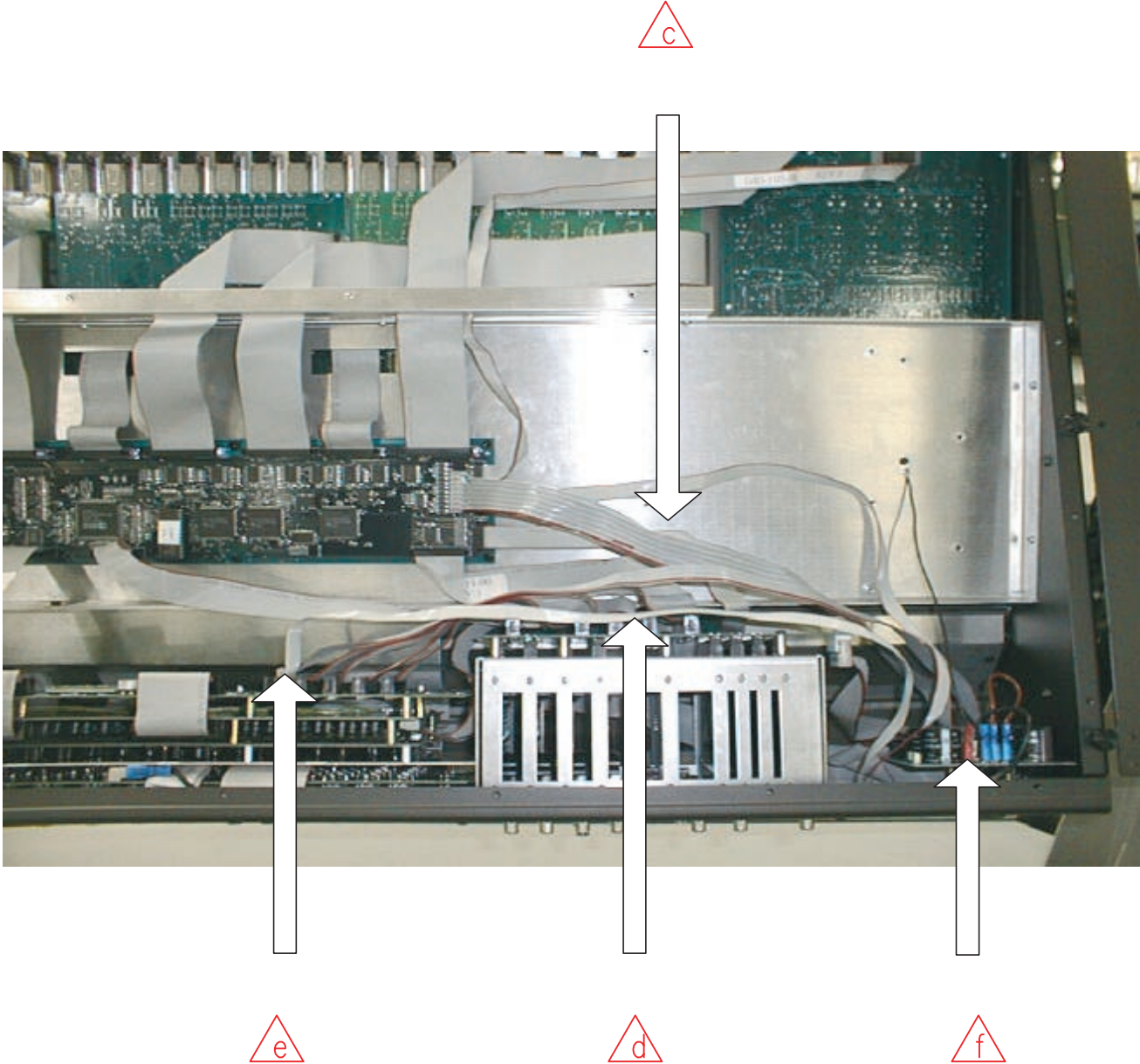
SEQ. TASK
△n Attach Cable J6 from the REAR PANEL to Pos. J6 of the LINE/CTL SURFACE BOARD o Roll the REAR PANEL ASSEMBLY PARTIALLY into the TOP PANEL. Bend ALL RIBBON CABLES so that they FOLD OPPOSITE of how they naturally fold and tuck under the meter shield.
△p Roll The REAR PANEL ASSEMBLY into the TOP PANEL and tighten with SCREWS ⑨ (8x) BE SURE THAT NONE OF THE CABLES GET PULLED OUT!



























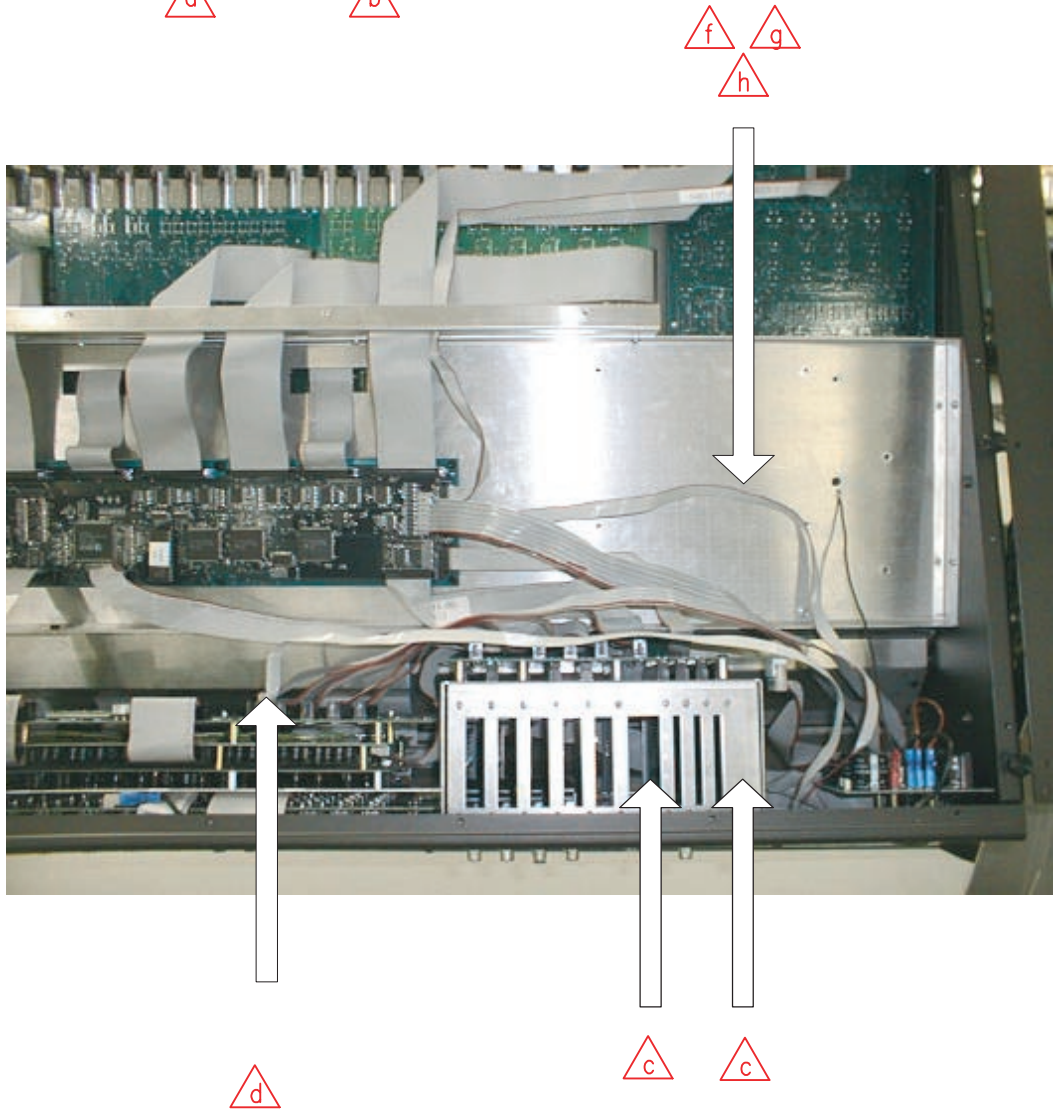
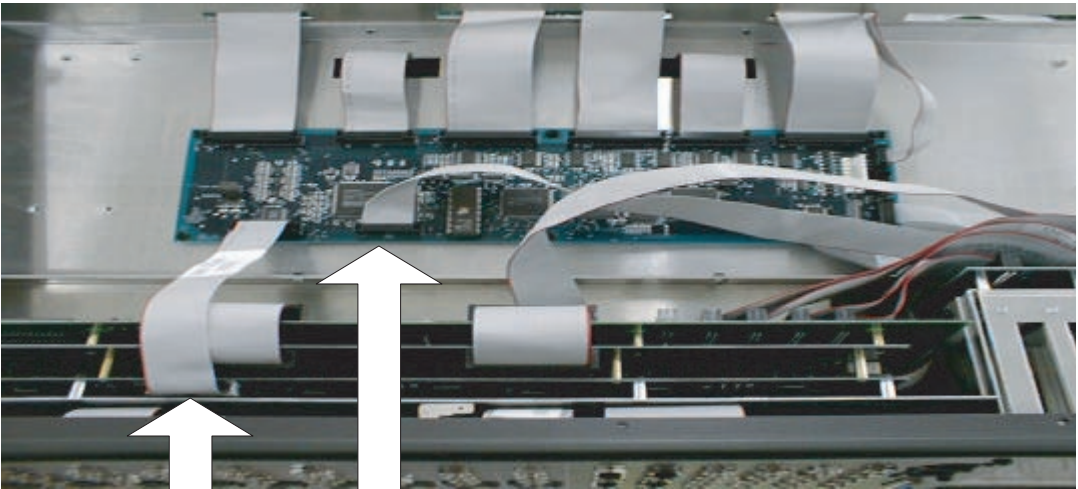




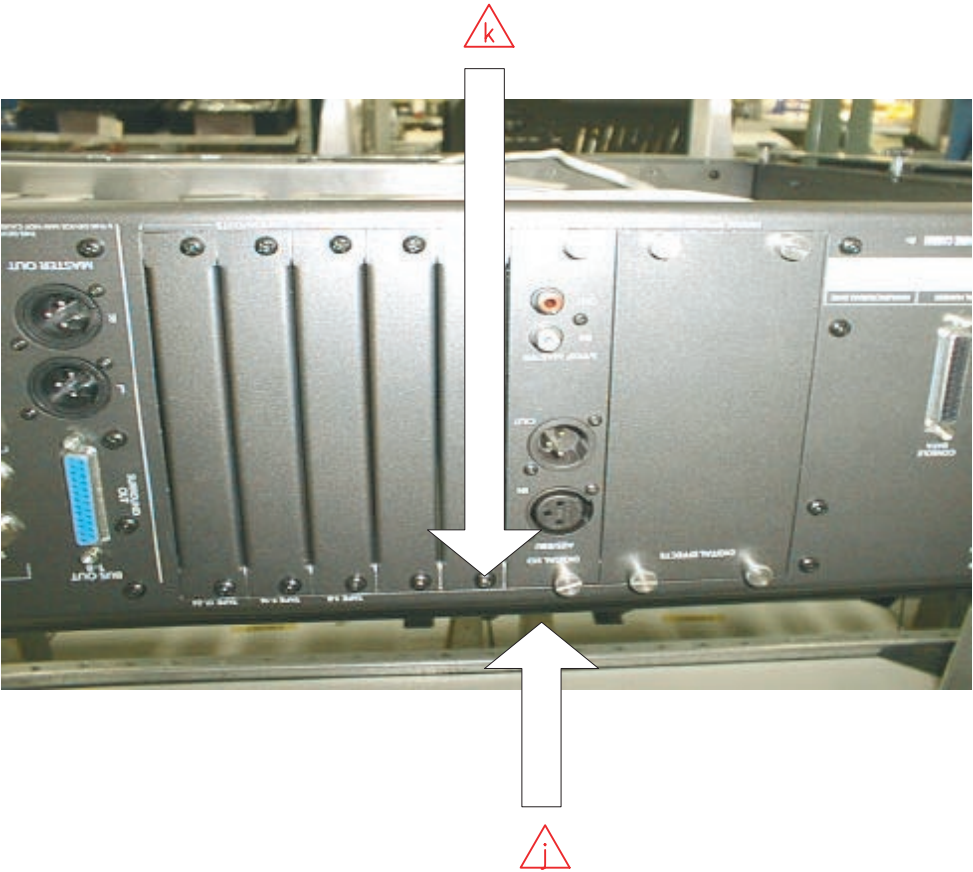
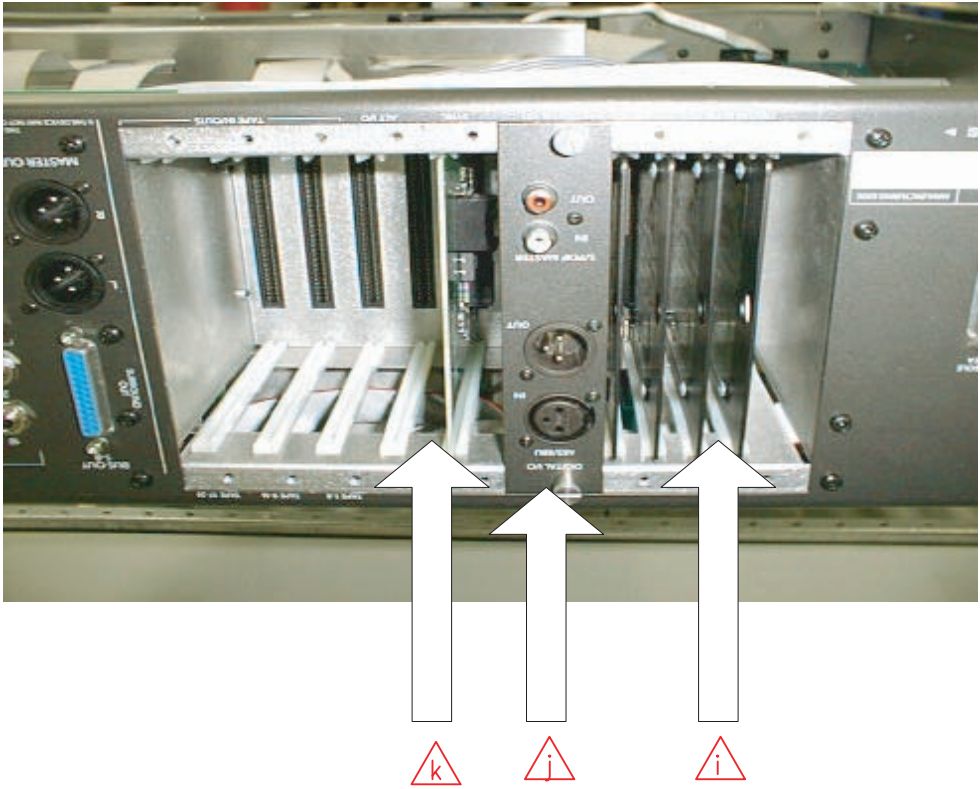
REF #	PART	PART NBR	CREV	QTY
①	SEMS 6-32x1/4 PHP BLKZC	700-028-00	*	1
③	PCB ASSY DIGITAL I/O	055-115-00-03	E3	1
④	PCB ASSY CLOCK	055-164-00-01	C1	1
⑤	PNT BLANK COV PLATE SM D8	550-332-00	*	1
⑥	PCB IVL EFFECTS D8	055-154-00	A1	1
⑦	KNOB 24X10 T-SLOT MLD LIN	760-085-01	*	25
⑨	TYRAP MOUNT .75 X .75	740-002-00	*	3
⑩	TYRAP 3-1/4L	740-001-00	*	3

SEQ. TASK

- CABLE ASSEMBLY
-  Connect Cable J31 of DCA BOARD to POS. J31 of the CONTROL BRAIN BOARD
  -  Connect Cable J32 of the CARD CAGE BP BOARD to POS. J32 of the CONTROL BRAIN BOARD
  -  Stick Tyrap mounts  (2x) to the top of the card cage metal.
  -  Attach the FIRST PART (LONG PORTION) of the SPLIT DATA CABLE to POS. J26 of DSP BOARD.
  -  Route the SPLIT DATA CABLE over the tyrap mount and fasten down with tyraps  (2x).
  -  Attach the SECOND PART (SHORT PORTION) of the SPLIT DATA CABLE to POS J25 of the CONTROL BRAIN BOARD
  -  Stick a Tyrap mount  to the right of the brain board on the sub chassis.
  -  Route the SECOND PART of the SPLIT DATA CABLE through the mount and fasten it down with a tyrap .
- CARD CAGE ASSEMBLY
-  Slide the IVL EFFECTS CARD  into the CARD CAGE on FAR RIGHT END
  -  Slide it into the REAR PANEL and tighten using attached hardware
  -  Slide the CLOCK CARD  into the REAR PANEL SYNC SLOT. Place the COVER  over it using screws  (2x)
  - I Attach FADER KNOBS  to FADERS









REF #	PART	PART NBR	CREV	QTY
①	FAB SHIELD AUDIO – D8	550–287–00	x	1
②	SEMS 6–32x1/4 PHP BLKZC	700–028–00	x	33
③	PNT BLANK COV PL LG D8	550–307–00	x	1
④	PNT BLANK COV PLATE SM D8	550–332–00	x	4
⑤	PAINT BOTTOM – D8	550–262–00	x	1
⑥	FOOT #10 BLK 1x.562	750–004–00	x	4
⑦	SEMS 6–32x5/8 PHP BLKZC	700–044–08	x	4
⑧	KNOB TRIM W/PNTR	760–081–00	x	24
⑨	VFD FILTER – D8	780–046–00	x	1
⑩	LENS MTR BRIDGE – D8 SLKSCR	780–040–00	x	1
⑪	LOGO NAMEPLATE – MOLDED	840–100–00	x	1
⑫	ENDCAP RT – D8	760–079–00	x	1
⑬	MCH 10–32x3/4 PHP BLKZC	700–015–00	x	12
⑭	ENDCAP LT – D8	760–080–00	x	1
⑮	ADHESIVE RTV162	730–026–00	x	A/R
⑯	1/2” ALUMINUM TAPE	720–013–00	x	A/R

- SEQ. TASK
- △a RTV ⑮all cables located beneath the rear panel that connect to the control surface boards. Make sure that both portions of the connector have RTV.
  - △b Attach the AUDIO SHIELD ①to the SUB CHASSIS with SCREWS ②(3x) from the FRONT SIDE and ②(2x) on the LEFT SIDE; SCREW FROM THE OUTSIDE  
MAKE SURE THAT ALL CABLES GET PUSHED UNDER THE METAL BUT DO NOT GET PULLED OUT
  - △c Attach the COVER PLATE ③over IVL EFFECTS CARD on REAR PANEL using attached hardware
  - △d Attach the COVER PLATES ④(4x) to the open slots on REAR PANEL with SCREWS ②(8x)
  - △e Attach CHASSIS BOTTOM ⑤with SCREWS ②(20x) **DO NOT TIGHTEN SCREWS IN CLOCKWISE ORDER. TIGHTEN SCREWS OPPOSITE ONE ANOTHER (ZIG-ZAG)**
  - △f Place FEET ⑥(4x) on the bottom of the unit and tighten down with SCREWS ⑦(4x)
  - △g Attach TRIM KNOBS ⑧(24x)
  - △h Attach the VFD FILTER ⑨to the VFD DISPLAY AREA. MAKE SURE IT IS CLEAN & CENTERED
  - △i Attach ALUMINUM TAPE ⑯from RIGHT EDGE of VFD Filter to Meter Bidge. Be sure tape touches both parts.
  - △j Attach the METER BRIDGE LENS ⑩to the TOP PANEL METAL. MAKE SURE IT IS CLEAN  
**NO COPPER TAPE SHOULD SHOW THROUGH THE LENS!**
  - △k Attach LOGO NAMEPLATE ⑪to ARMREST
  - l Remove unit from fixture

- △m Attach RIGHT ENDCAP ⑫with SCREWS ⑬(6x)
- △n Attach LEFT ENDCAP ⑭with SCREWS ⑬(6x)
- o POSITION ALL FADER KNOBS DOWN
- p TURN ALL KNOBS ALL THE WAY TO THE LEFT

