

Plasma Display Panel – 65 HD

Type D7

BeoVision 4 – 65, type 8959, 8990 - 8996

Service Manual

Danish

*English, German, French, Italian, Spanish and Dutch versions
are available in the Retail System*



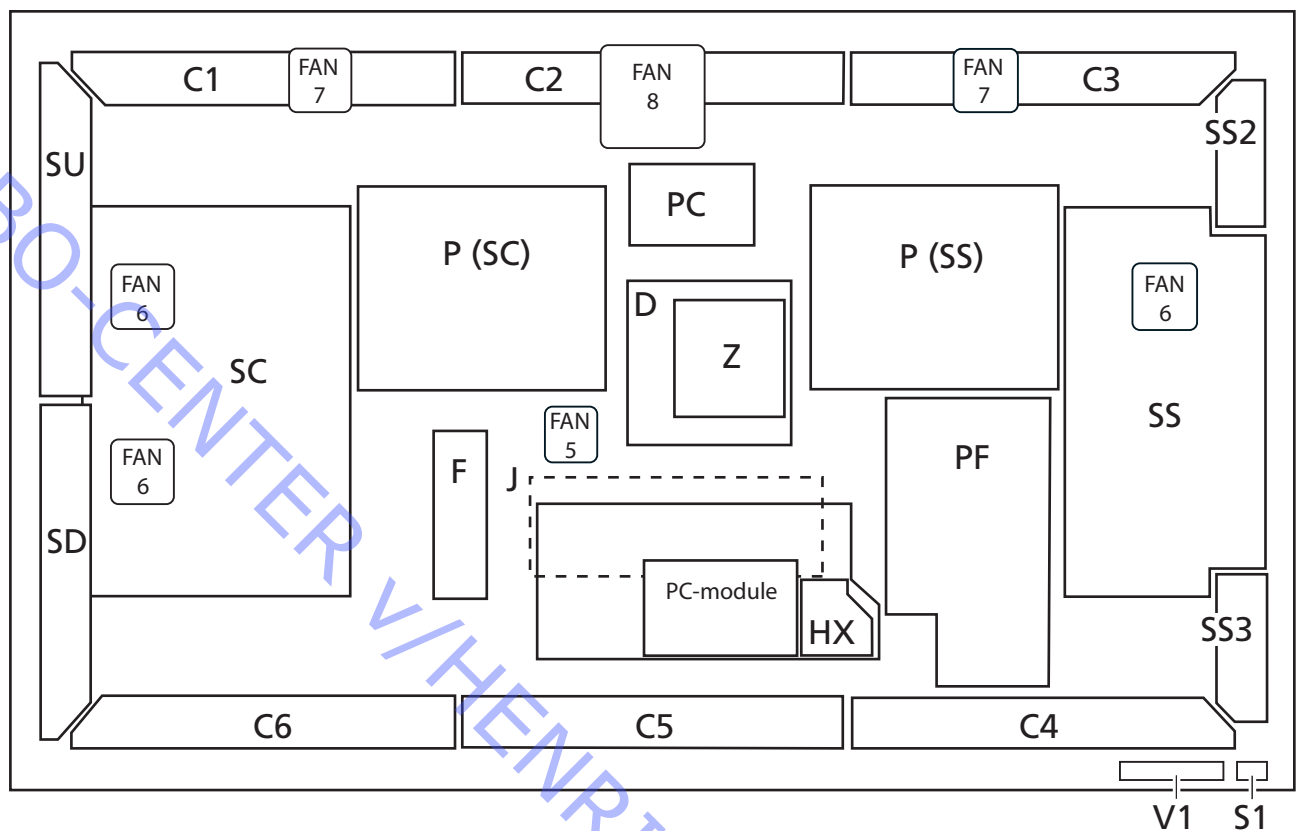
*This Service Manual must be returned with
the defective parts/back-up suitcase !*

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ABO-CENTER VILHENRIKSENS ELEKTRONIK

Oversigt over moduler, Plasma Display Panel (PDP)



C1	Data Drive (Upper left)	PF	Line Filter
C2	Data Drive (Upper center)	SC	Scan Out
C3	Data Drive (Upper right)	SD	Scan Connection (Lower)
C4	Data Drive (Lower right)	SS	Sustain Out
C5	Data Drive (Lower center)	SS2	Sustain Connection (Upper)
C6	Data Drive (Lower left)	SS3	Sustain Connection (Lower)
D	Digital Signal Processor	SU	Scan Connection (Upper)
F	Fuse & Line Filter	S1	Power switch
HX	PC Type Input Terminal	V1	Front SW & Remote receiver
J	Slot Interface & SYNC processor	Z	Audio Out
PC	Power Supply Interface		
P (SC)	Power Supply		
P (SS)	Power Supply		

Udførelse af service

Servicering

PDP'en må kun serviceres af uddannet teknisk personale.

Hvis det ikke er muligt at lokalisere fejlen, eller hvis fejlen ikke kan afhjælpes ved at udskifte reservedele, skal det danske servicecenter kontaktes for teknisk support.

Håndtering

PDP'en skal altid placeres lodret for at undgå at beskadige den. Der er stor fare for at beskadige PDP'en, hvis den placeres i vandret stilling. PDP'en skal så vidt muligt placeres i servicestanden.

Rengør produktet

Brug aldrig sprit eller andre opløsningsmidler til rengøring af produktet!

Brug hvide handsker for at undgå at snavse kontrastskærmen til.

Tør støv af overfladerne med en tør, blød klud eller en mikrofiberklud. Fedtpletter eller vanskeligt snavs fjernes med en hårdt opvredet, fnugfri klud dyppet i vand tilsat nogle få dråber mildt vaskemiddel, f.eks. et opvaskemiddel.

For at sikre det bedst mulige skærbillede skal du sørge for at undgå striber eller spor af rengøringsmidlet på skærmen.

Burn-in

Der kan opstå burn-in på PDP'en, hvis der vises et still-billede i mere end ca. 30 minutter.

Advarsel

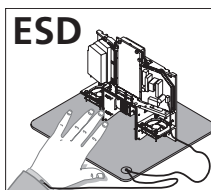
Statisk elektricitet



Statisk elektricitet kan ødelægge produktet.

Antistatisk serviceudstyr.

Der skal altid bruges antistatisk serviceudstyr, når produktet demonteres, eller modulerne håndteres.



Følg instruktionerne i vejledningen, og brug ESD-måtten både til gamle og nye moduler.

Bemærk!

Når der kræves netspænding på fjernsynet, skal tilslutningen mellem PDP'en og ESD-måtten slås fra.

Chassiset eller modulerne skal altid være sluttet til det antistatiske serviceudstyr eller placeret i en ESD-sikker pose.

Symbol for sikkerhedskomponenter



Når der udskiftes komponenter med dette symbol, skal samme type benyttes – også de samme værdier for ohm og watt.

Den nye komponent skal monteres på samme måde som den komponent, der udskiftes.

Fejlfinding

Før fejlfindingen påbegyndes

Bed kunden demonstrere eller forklare fejlen.

Kontrollér, at

Produktet er indstillet på den korrekte Option.

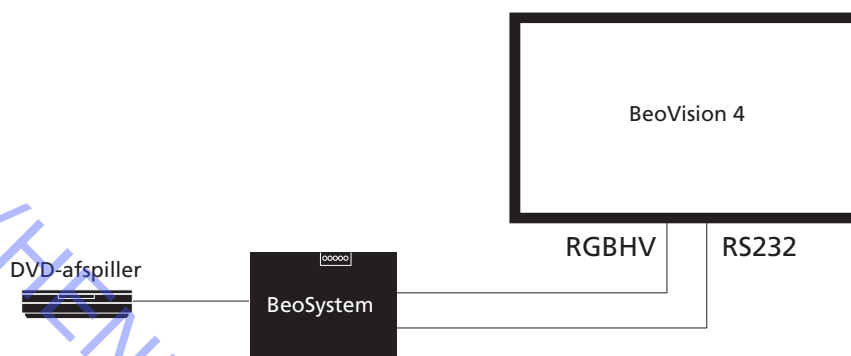
Alle ledninger er korrekt tilsluttet.

Netspændingen er tilsluttet.

Alle eksterne kilder er korrekt tilsluttet, og at produktopsætningen er korrekt.

Opsætning til test

Forbind følgende produkter for at klargøre opsætningen til test, BeoVision 4, et BeoSystem og en DVD-afspiller.



Standardindstillinger ved brug af fejltræ

- Tryk på TV på Beo4.
- Vælg en tv-kanal med billede og lyd.

Fejlfinding

Handlinger før demontering af PDP'en

Kontrollér PDP'en for burn-in og pixel-fejl!

Denne kontrol er meget vigtig, når PDP'en skal transporteres til et værksted.

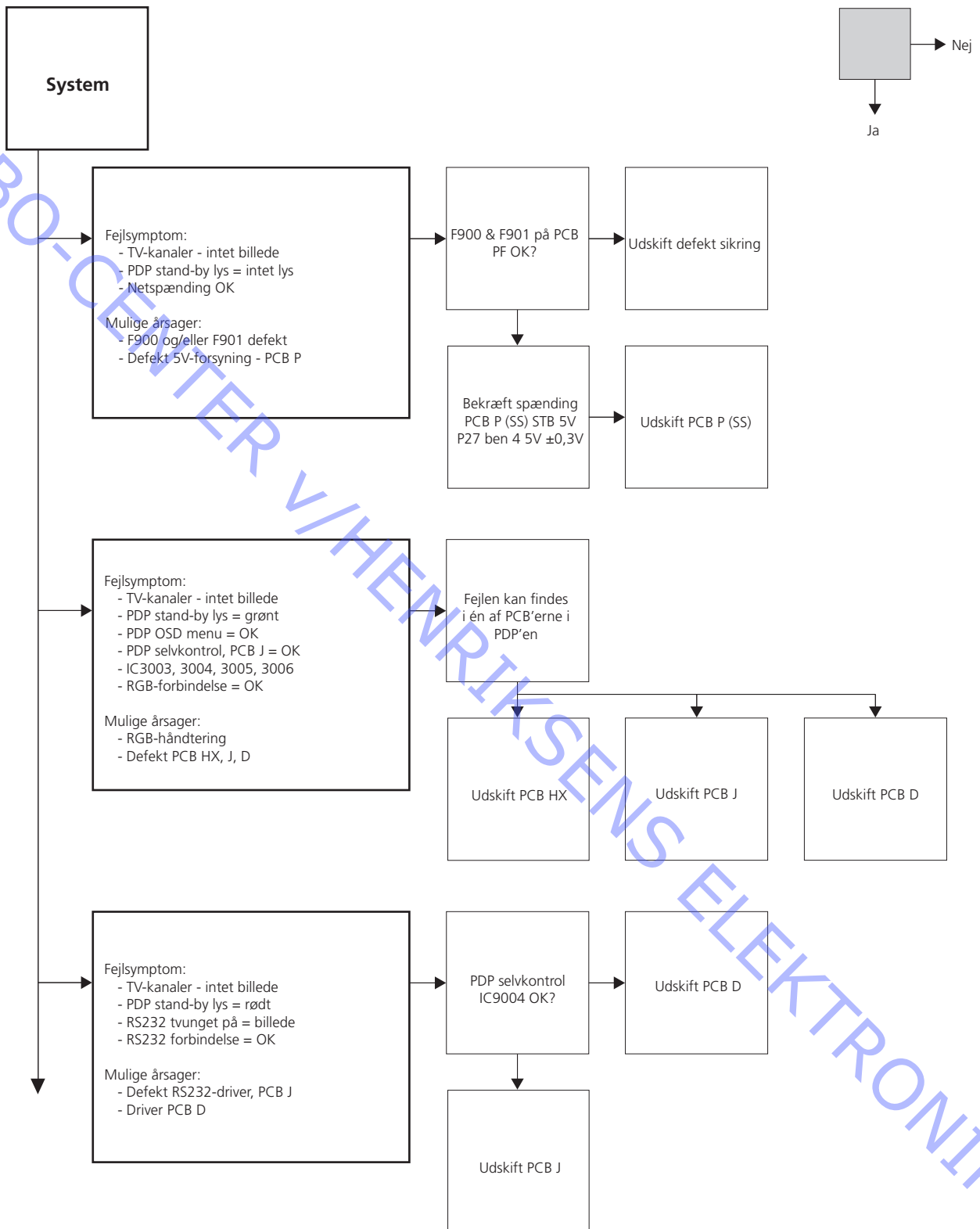
Se PDP pixel-test, side 3.3.

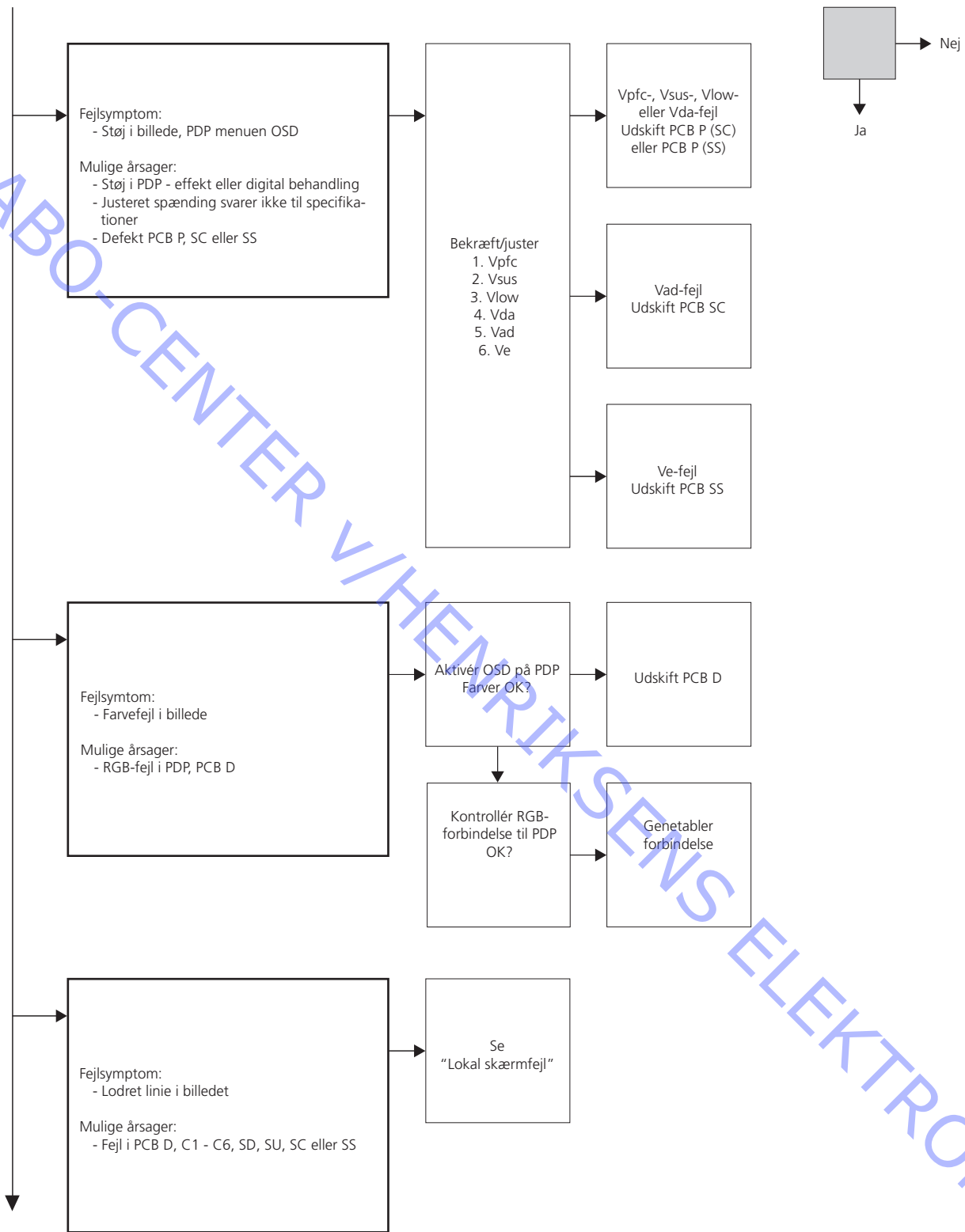
Vent mindst 1 minut, efter at du har taget stikket ud af stikkontakten, så de elektrolytiske kondensatorer kan aflades, før du demonterer PDP'en.

Tilslut ESD-måtten.

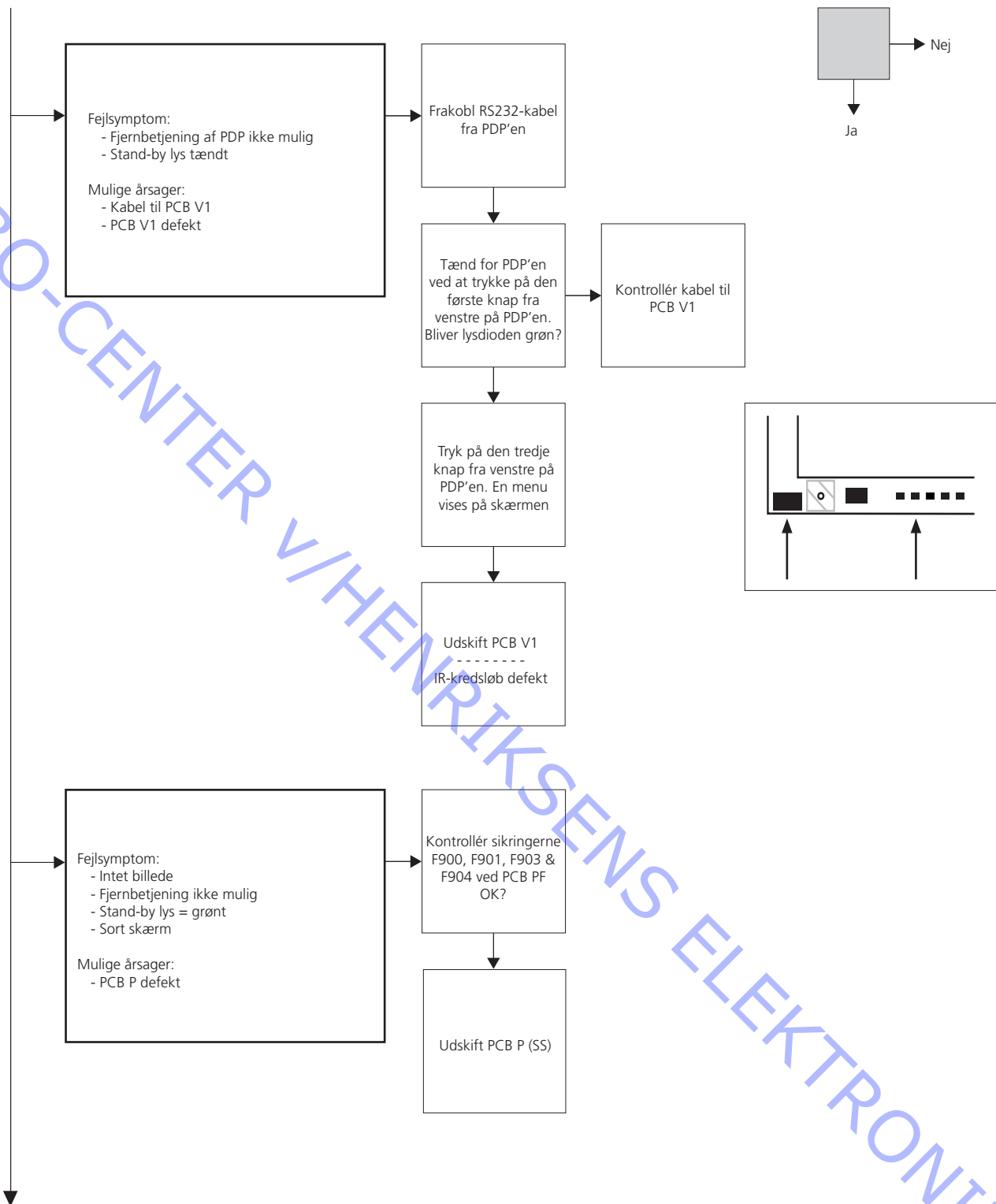
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Fejltræ





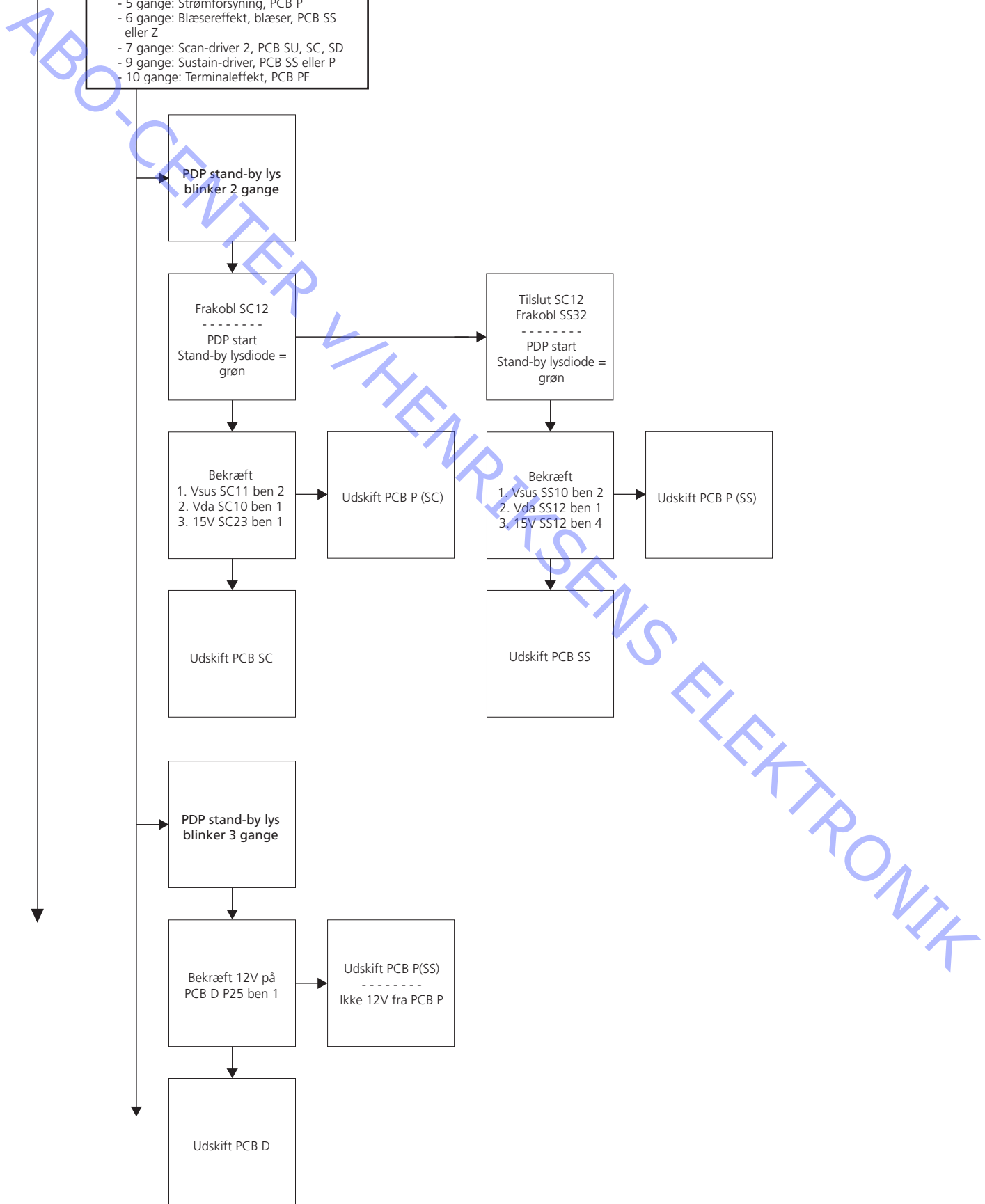
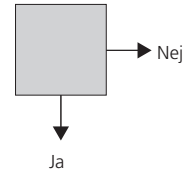
ABO-CENTER VILHJEMRIKSENS ELEKTRONIK

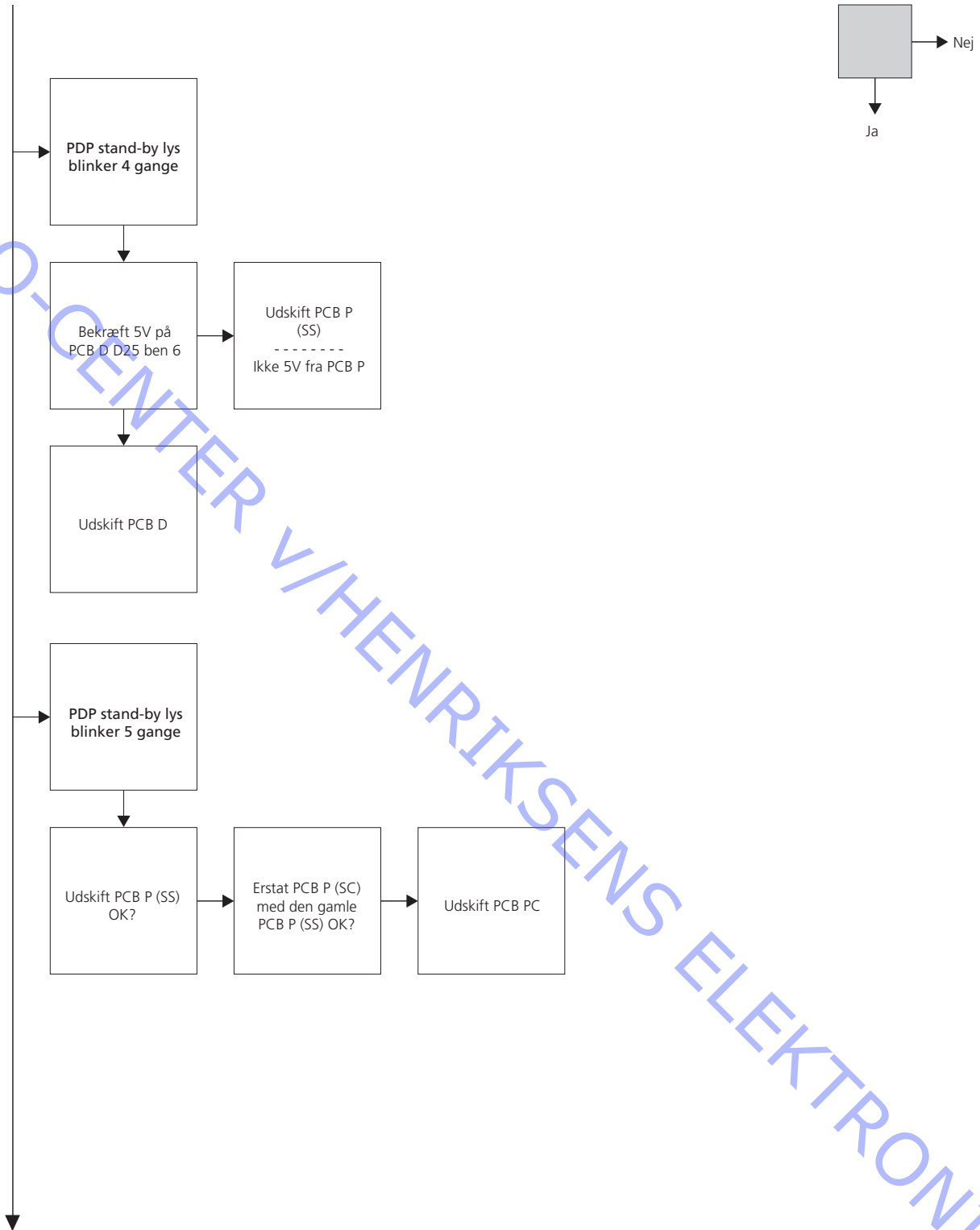


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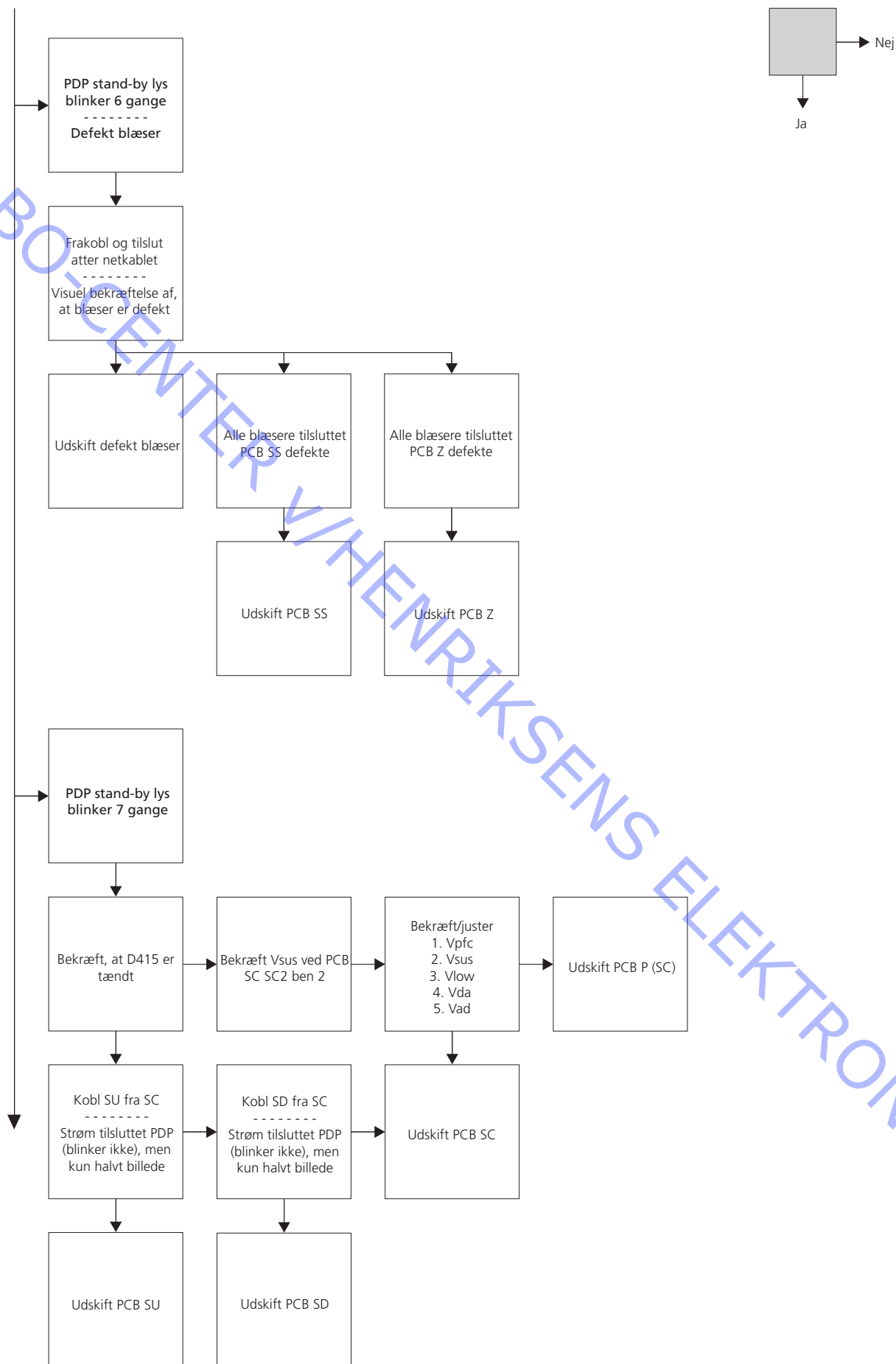
Fejlsymptom:
 - TV-kanaler - intet billede eller kun sne
 - PDP stand-by lys blinker

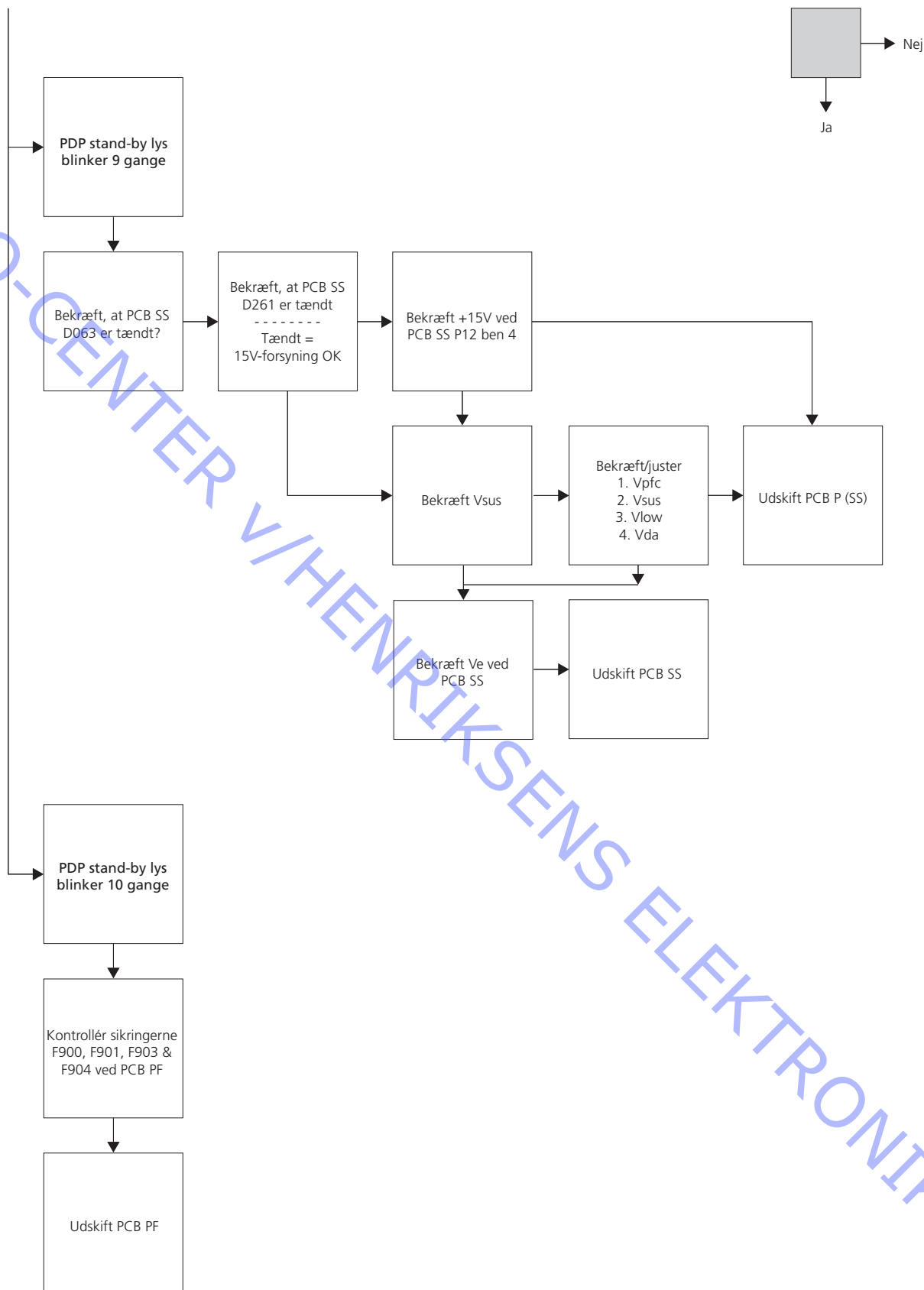
Mulige årsager:
 Blinker
 - 2 gange: Scan-driver 1, PCB P, SC, SS
 - 3 gange: 3,3V, PCB D eller P
 - 4 gange: 5,0V, PCB D eller P
 - 5 gange: Strømforsyning, PCB P
 - 6 gange: Blæsereffekt, blæser, PCB SS eller Z
 - 7 gange: Scan-driver 2, PCB SU, SC, SD
 - 9 gange: Sustain-driver, PCB SS eller P
 - 10 gange: Terminaleffekt, PCB PF





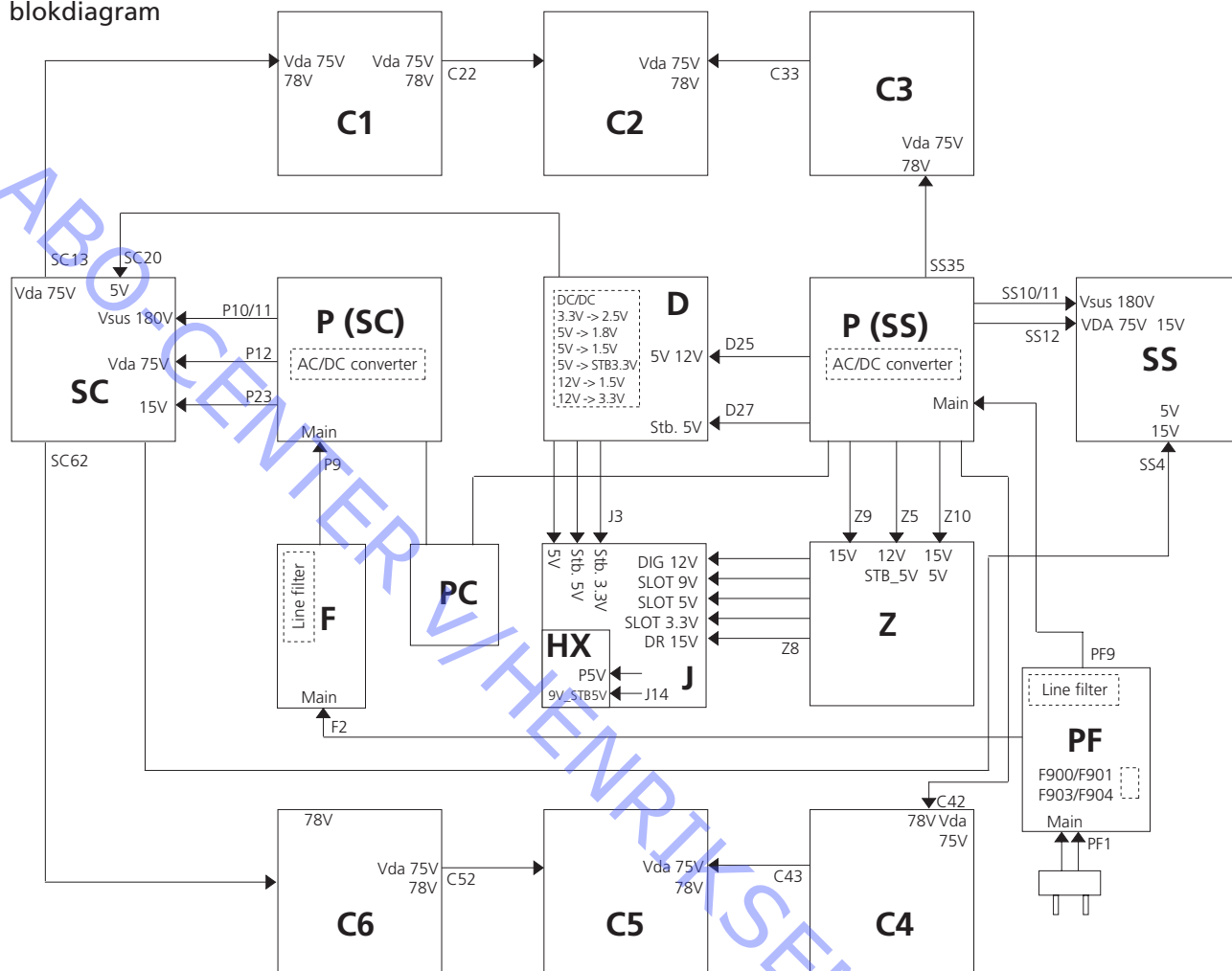
ABO-CENTER V/HENRIKSENS ELEKTRONIK



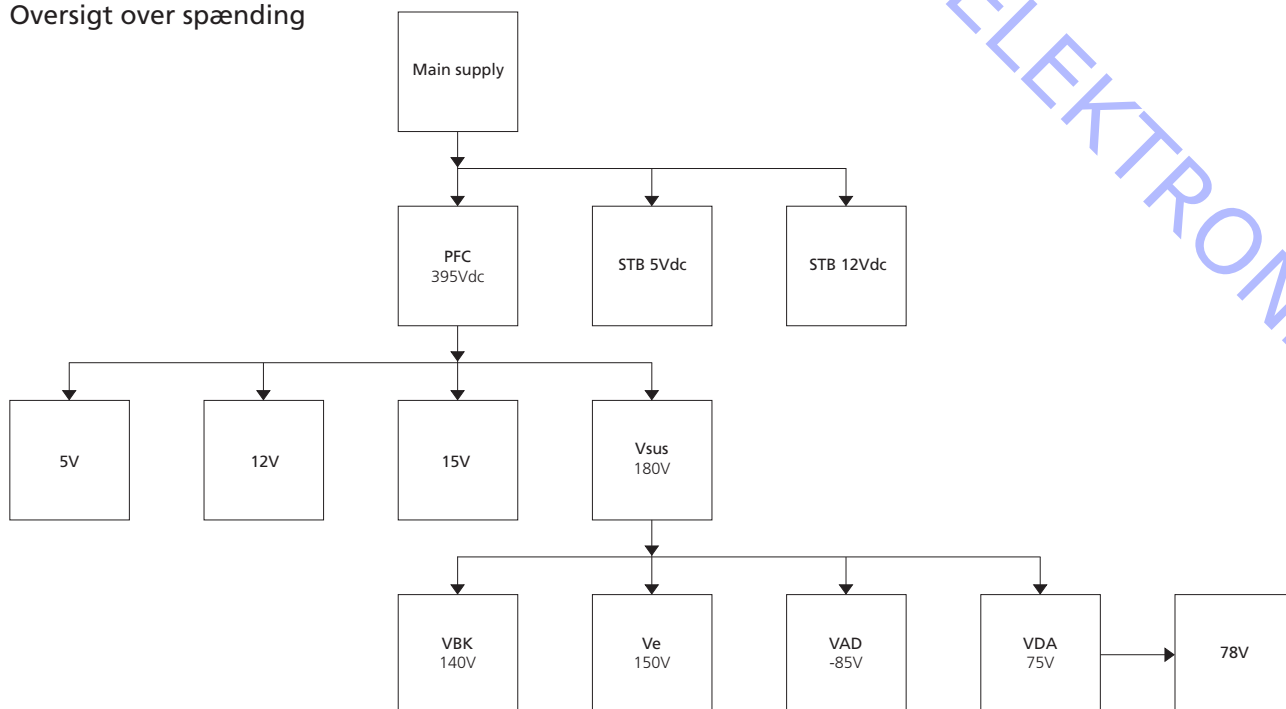


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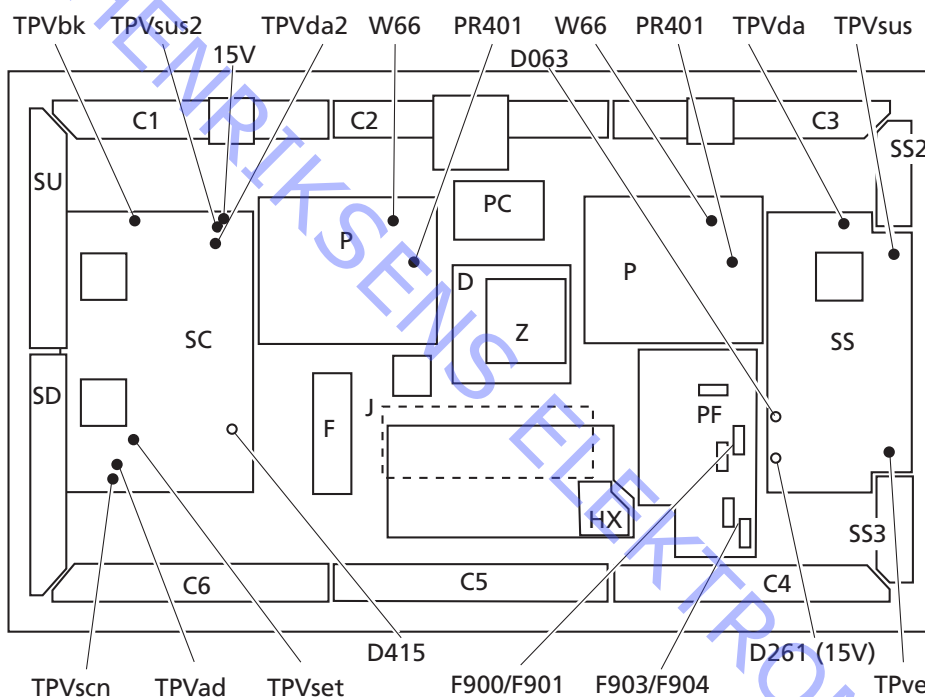
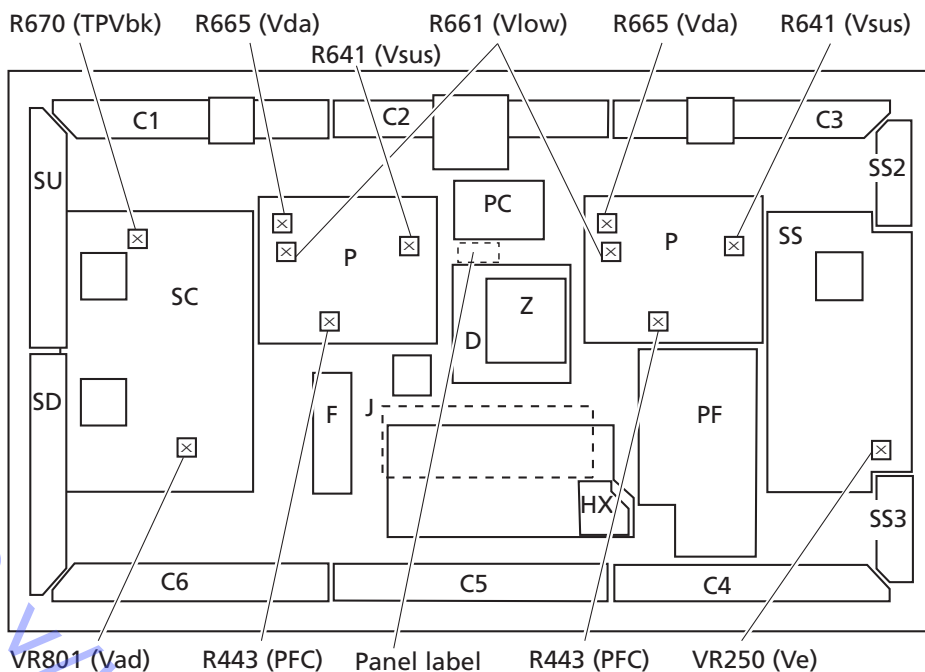
Spændingsforsynings-
blokdiagram



Oversigt over spænding



Placering af målepunkter - Brug et ikke-ledende værktøj til justering.



Justeringerne ved P-modulet (strømforsyningen) skal foretages i denne rækkefølge og skal altid gennemføres før andre justeringer: 1) PFC – 2) Vsus – 3) Vlow – 4) Vda.

Modul	Testpunkt	Værdi	Tolerance	Juster ved	Bemærkning
P (SS side)	PR401 (PFC)	395V	+/- 0,5V	R443 (SS side)	Jord = W14
P (SS side)	TPVsus	180V*	+/- 2V	R461	
P (SS side)	W66 (Vlow)	77V	+/- 0,1V	R661 (SS side)	
P (SS side)	TPVda	75V	+/- 1V	R665 (SS side)	
P (SC side)	PR401 (PFC)	395V	+/- 0,5V	R443 (SC side)	Jord = W14
P (SC side)	TPVsus2	180V*	+/- 2V	R461	
P (SC side)	W66 (Vlow)	77V	+/- 0,1V	R661 (SC side)	
P (SC side)	TPVda2	75V	+/- 1V	R665 (SC side)	
SC (Scan Out)	TPVad	-85V	+/- 1V	VR801	
SC (Scan out)	TPVbk	140V	+/- 1V	VR802	
SS (Sustain out)	TPve	150V*	+/- 1V	VR250	

* Se mærkat på panelet.

PDP selvkontrol

Selvkontrol kontrollerer status på de kredsløb, der er tilsluttet IIC-bussen

Hvis PDP'en er monteret i en aluminiumsramme, skal du pege fjernbetjeningen uden navn mod hullet i det forreste, nederste venstre hjørne af PDP'en. Se >6.

- Se illustrationerne vedrørende:
 - Placering af knapper på fjernbetjeningen uden navn.
- Tryk på stand-by knappen på fjernbetjeningen uden navn for at tænde for PDP'en. Brug et spidst værktøj eller en kuglepen til at trykke i hullet FF på fjernbetjeningen uden navn.

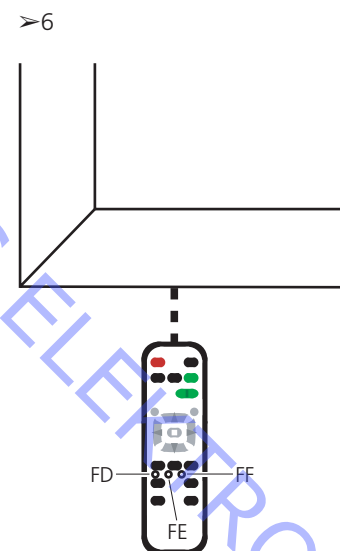
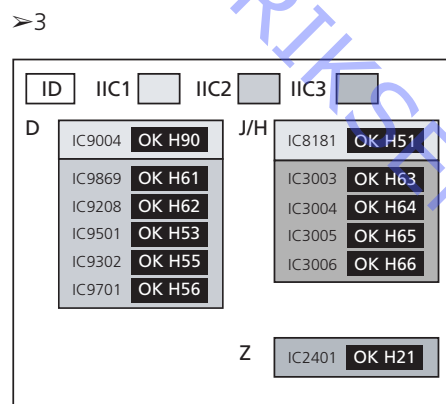
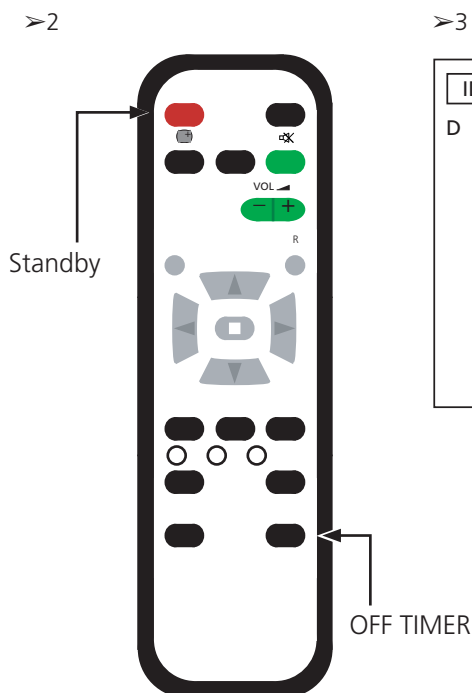
Resultatet af selvkontrollen vises i displayet. Se >3.

"OK" = Ingen fejl

"- - -" = Fejl

Peg fjernbetjeningen uden navn i samme retning ved anden betjening.

- Udskiftning af fejlbehæftet PCB.
 - Udskift PCB D, hvis nogen af følgende IC'er fejler: IC9004, IC9869, IC9208, IC9501, IC9302, IC9701.
 - Udskift PCB J, hvis nogen af følgende IC'er fejler: IC3003, IC3004, IC3005, IC3006.
 - Udskift PCB H, hvis følgende IC fejler: IC8181.
 - Udskift PCB Z, hvis følgende IC fejler: IC2401.
- Gå ud af selvkontrol mode.
 - Tryk på "stand-by" på fjernbetjeningen uden navn, og tryk derefter på stand-by på Beo4.



PDP pixel-test

Pixel-testen kontrollerer PDP'ens status for at fastslå antallet af defekte pixler

Testen skal gennemføres:

- Før produktet transporteres til PDP-værkstedet
- Før og efter service på PDP'en

Hvis PDP'en er monteret i en aluminiumsramme, skal du pege fjernbetjeningen uden navn mod hullet i det forreste, nederste venstre hjørne af PDP'en. Se >6.

- Se illustrationerne vedrørende:
 - Placering af knapper på fjernbetjeningen uden navn.
- Gå i Service mode.

Tryk på stand-by knappen på fjernbetjeningen uden navn for at tænde for PDP'en. Brug et spidst værktøj eller en kuglepen til at trykke i hullet FD og derefter FE på fjernbetjeningen uden navn. CAT Panel menu (Service mode) vises.
- Vælg IIC mode.

Flyt markøren med pil op/pil ned på fjernbetjeningen uden navn, og vælg ved at trykke på "OK".
- Vælg Aging.

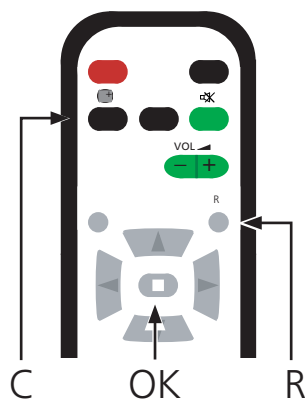
Tryk på pil op/pil ned for at finde "Aging". Vælg punktet ved at trykke på "OK".
- Skift testbillede.

Tryk på "OK" for at skifte testbillede.
- PDP pixel-test.

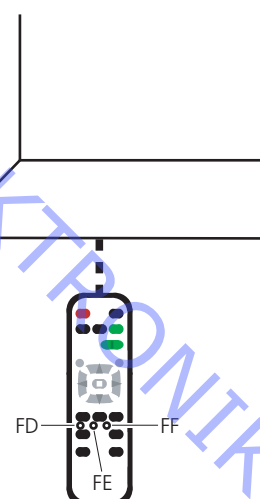
Brug testbillederne RED, GREEN og BLUE til at kontrollere pixlerne. Måske er der ingen defekte pixler.
- Gå ud af Service mode.

Tryk på "R" to gange for at vende tilbage til CAT Panel menu. Tryk på "C" for at gå ud af CAT Panel menu.

>5



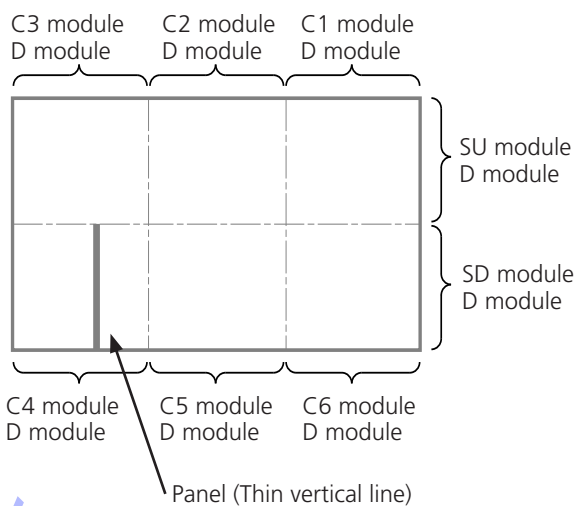
>6



Lokal skærmfejl

PDP'en kan have en fejl i et lokalt område på skærmen.

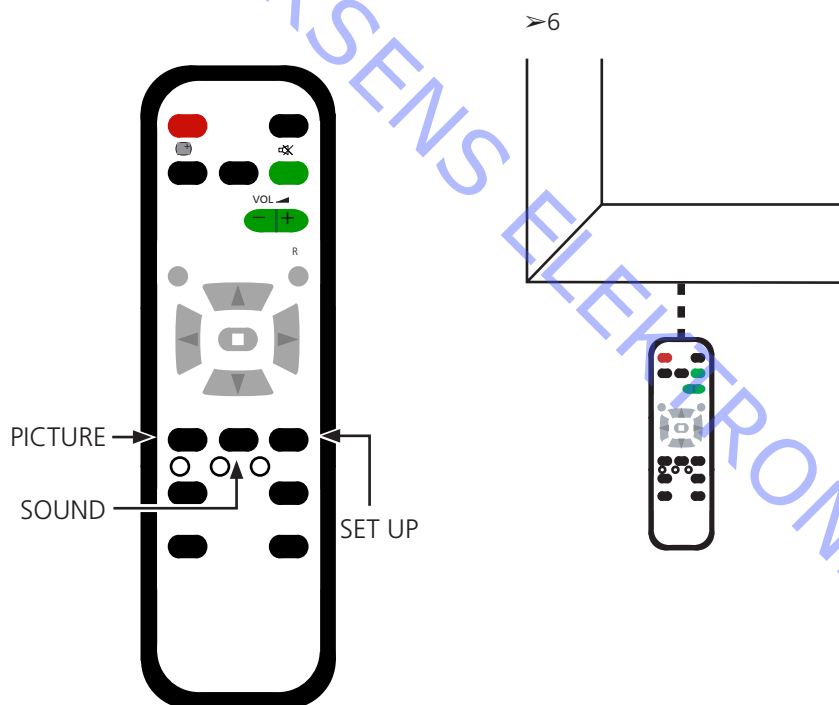
Illustrationen nedenfor viser en mulig sammenhæng mellem fejl og modul.



Menuen OSD på PDP'en

Hvis PDP'en er monteret i en aluminiumsramme, skal du pege fjernbetjeningen uden navn mod hullet i det forreste, nederste venstre hjørne af PDP'en. Se >6.

1. Tryk på PICTURE, SOUND eller SET UP på fjernbetjeningen uden navn.



Udskiftning af moduler

Udskiftning af moduler
Udskiftning af kontrastskærm

Handlinger før demontering af PDP'en

Vent mindst 1 minut, efter at du har taget stikket ud af stikkontakten, så de elektrolytiske kondensatorer kan aflades, før du demonterer PDP'en.

Tilslut ESD-måtten.

Når du har udskiftet modul(er) i PDP'en, skal du gennemgå testen og justeringsproceduren som beskrevet i afsnittet "Test og justering efter udskiftning af modul(er)" på side 3.8.

BEMÆRK

Indvendige ledninger i PDP'en.
Vær forsigtig, når du kobler ledningerne fra stikkene.

Udskiftning af moduler

Følg instruktionerne på side:
4.1 - 4.3 PDP i serviceposition
4.5 - 4.35 for udvalgte PCB'er

Udskiftning af kontrastskærm

Brug hvide handsker for at undgå at snavse kontrastskærmen til.

Brug kun mikrofiberkluden, del nr. 3375706, til at rengøre PDP'en.
Undgå enhver brug af rengøringsmidler på PDP'en.

Følg instruktionerne på side:
4.1 - 4.3 PDP i serviceposition
4.4 Fjern kontrastskærm og plasmaramme

Test, justering og konfiguration efter reparation

Konfigurer PDP til B&O menu.

Test og justering efter udskiftning af modul(er).

Advarsel

Der kan opstå burn-in på PDP'en, hvis der vises et still-billede i mere end 30 minutter.

Test og justering

Test og justering efter udskiftning af modul(er) skal udføres efter enhver reparation af PDP'en.

Konfigurer PDP til B&O menu

D-modulet skal konfigureres for at det kan fungere sammen med Bang & Olufsens funktioner.

1. Se illustrationen vedrørende:
 - Placering af knapper på plasmapanel og fjernbetjening uden navn.
 - CAT Panel menu og CD mode.
2. Tænd for plasmapanelet.
Tryk på knappen mærket "A".
Plasmalysdioden lyser grønt.
3. Gå ind i Service mode
Tryk på FD og derefter på FE på fjernbetjeningen uden navn.
4. Adgang til CD mode i CAT Panel menu.
Brug piletasterne til at fremhæve CD mode, og vælg punktet ved at trykke på OK.
5. Kontrollér Address og Data i Memory data change.
Brug piletasterne til at finde den nødvendige Address i Memory data change.
Den første Address code indstilles ved hjælp af pil til højre og pil til venstre.
Den anden Address code indstilles ved hjælp af pil op og pil ned. Se >7.

6. Kontrollér Address og Data.

Address

00	8E	00	8F	00	92	00	AD	03	0B	03	0C	03	0D	13	B8
10	10	01	01	10	10	00	00	03	03	03	03	03	03	FF	FF

Data

7. Ændring af Data i Memory data change.

Brug lydstyrkeknapperne (+/-) til at ændre Data værdien.

Data for plasmapanel.

Address

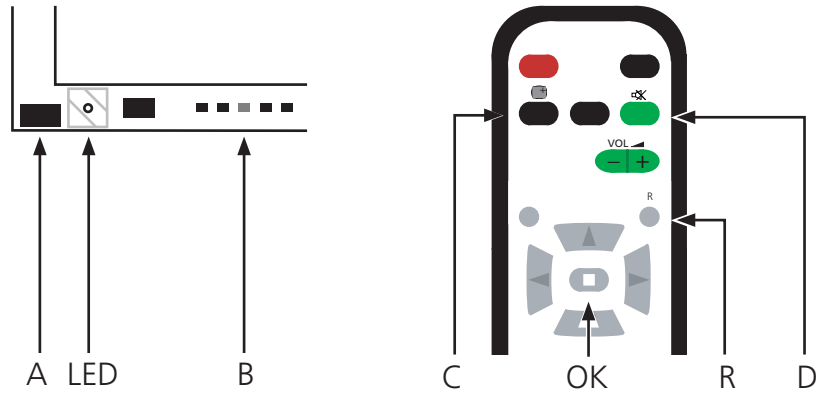
00	8E	00	8F	00	92	00	AD	03	0B	03	0C	03	0D	13	B8
10	10	01	01	10	10	00	00	03	03	03	03	03	03	FF	FF

Data

8. Gå ud af Service mode.

Gå ud af CD mode ved at trykke på knappen "R". Derefter vises CAT Panel menu igen.

Gå ud af CAT Panel menu ved at trykke på knappen "C".



>7

CD

MiCom Software version 2.11 S6 OK

Memory data version 1.20 24 8 63

Memory data version -- -- -- --

Memory data change Address ① 0 ② 0

Data 0 0 ③

The diagram shows the control panel with three numbered callouts: ① points to the directional pad, ② points to the volume knob, and ③ points to the volume knob's '+' and '-' symbols.

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Test og justering efter udskiftning af modul(er)

Forberedelser før justering

- Tilslut ikke ESD-måtten til PDP'en.

- Indstil PDP'en til at modtage et billede. Generér f.eks. et internt billede. Se PDP pixel-test, side 3.3.

- Kontrol og justering af spænding kan foretages med et DC-voltmeter (f.eks. et multimeter).
Jord forbindes til chassiset i PDP'en, medmindre andet er angivet.
Se side 3.1 vedr. måle- og justeringspunkter og -værdier.

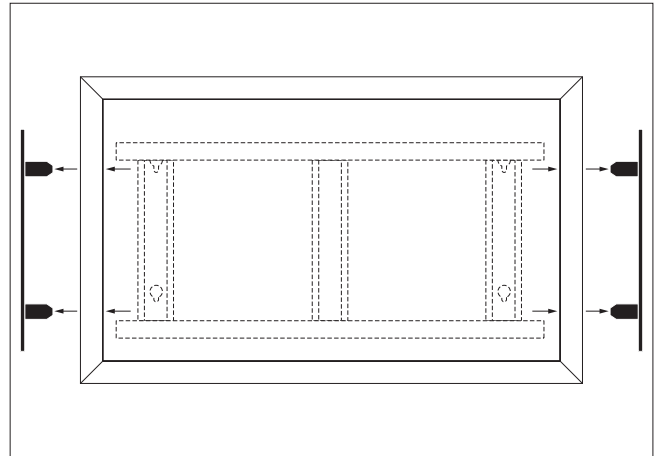
Afsluttende kontrol efter reparation

Før PDP'en geninstalleres i produktet, skal der gennemføres PDP selvkontrol, side 3.2.

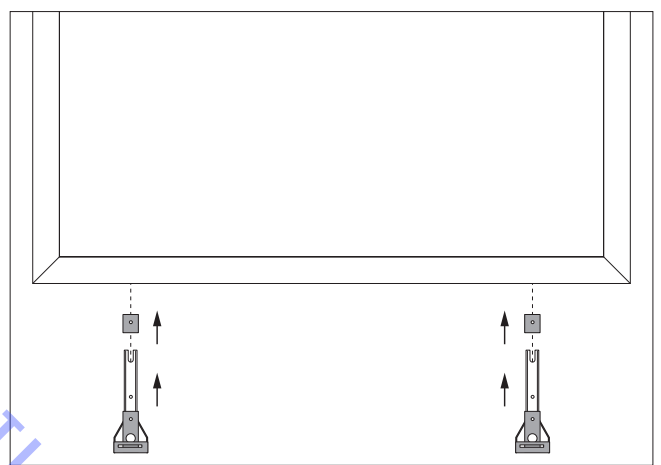
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Mounting service stands

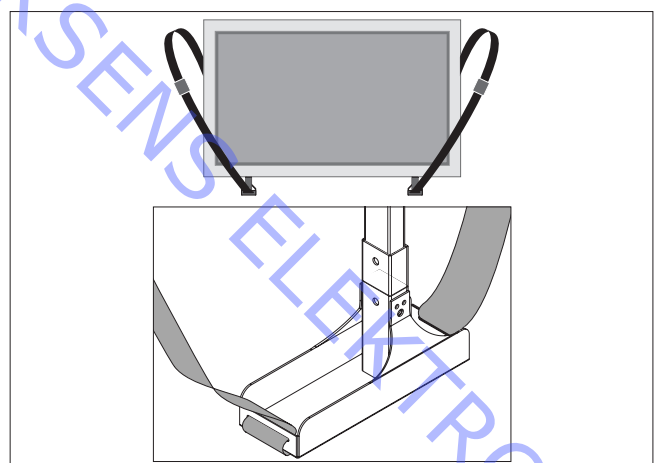
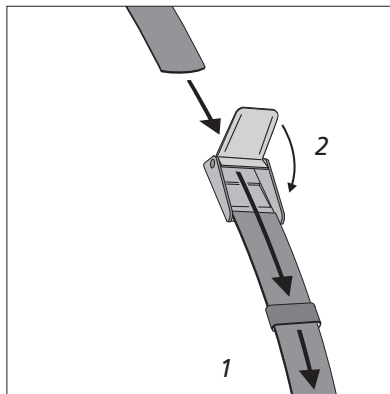
- Remove blinds



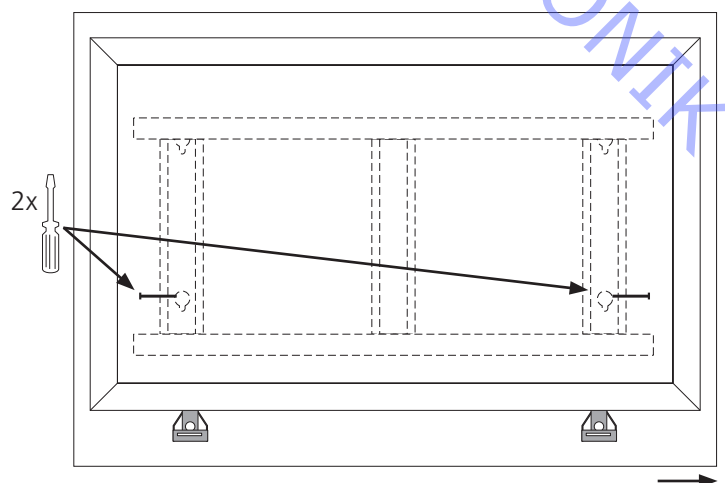
- Mount service stands incl. brackets



- Mount straps

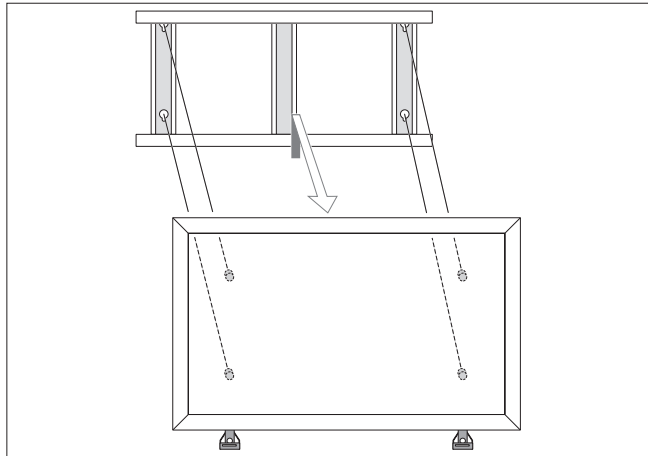


- Remove screws for wall bracket

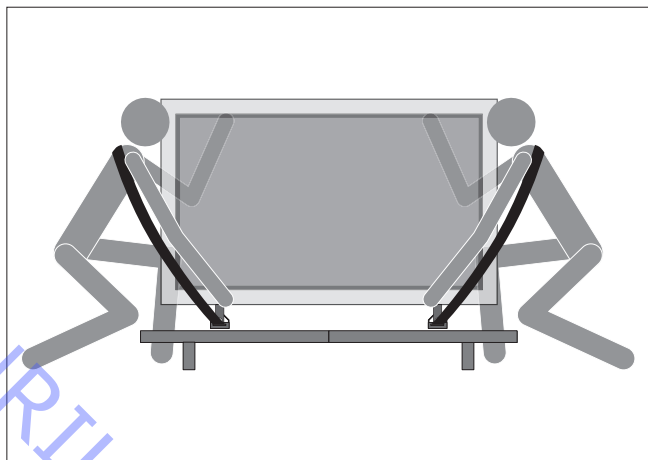


ABO-CENTER V/HENRIKSENS ELEKTRONIK

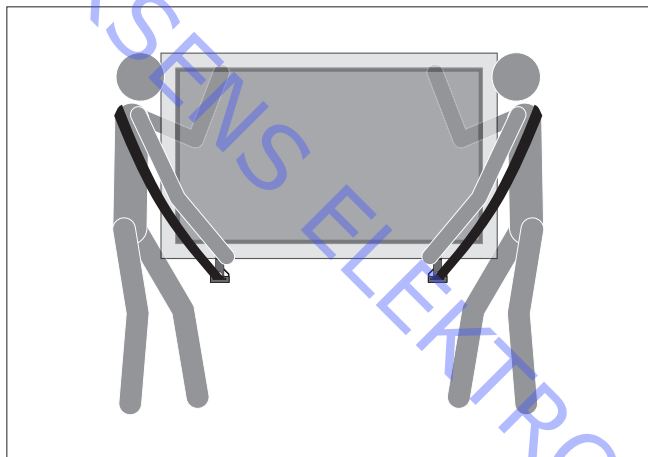
- Lift of PDP and place on floor
- Keep your backs straight!



- Positioning straps as shown, and keep your backs straight, lift the PDP



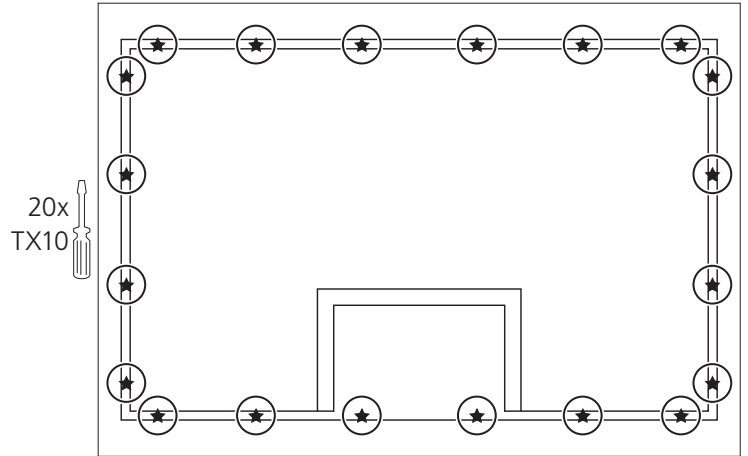
- Carry the PDP to a place suited for the repair



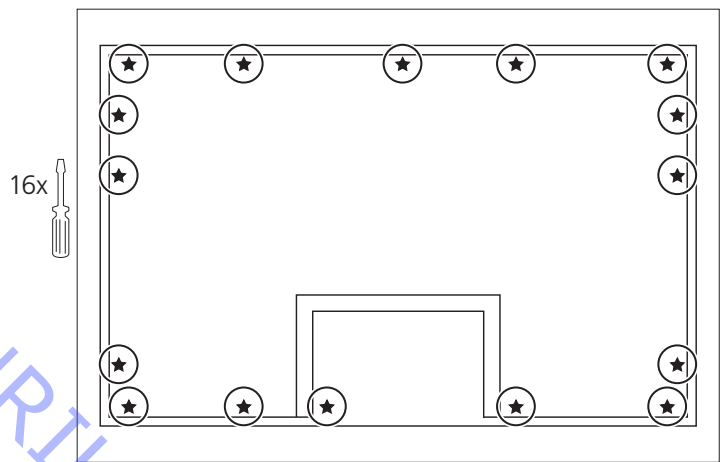
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Remove aluminium frame and back cover

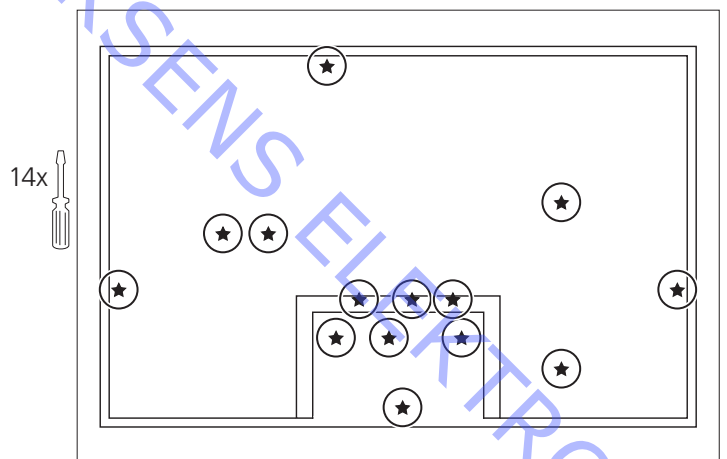
- Remove screws holding the aluminium frame



- Remove screws holding the iron frame



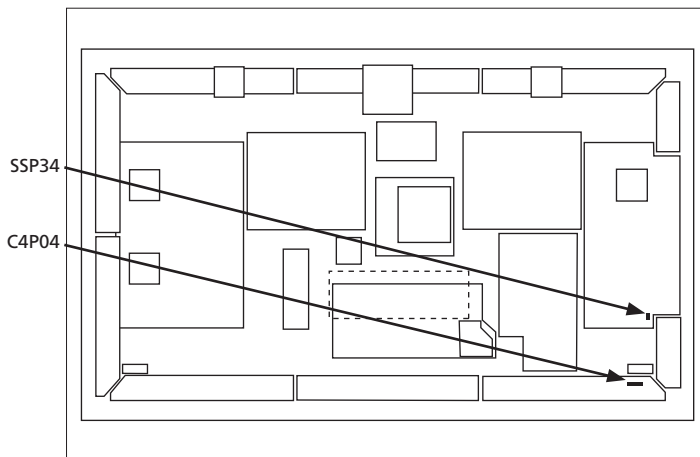
- Remove screws holding the back cover



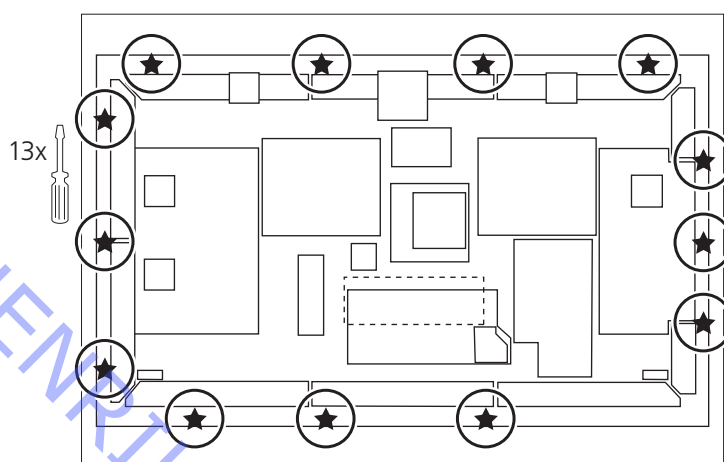
ABO-CENTER V/HENRIKSENS ELEKTRONIK

4.1 PDP in service position

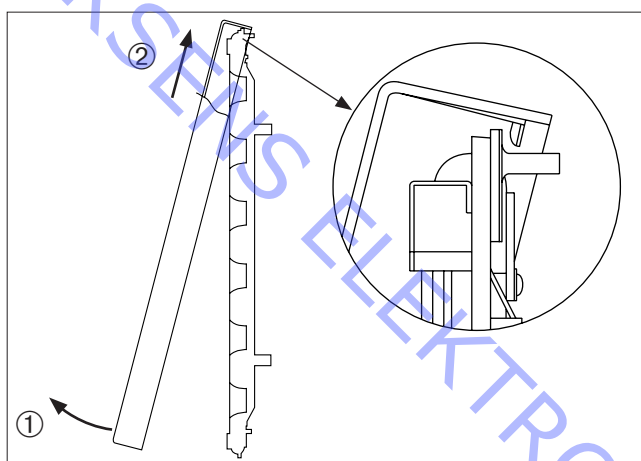
- Remove plugs



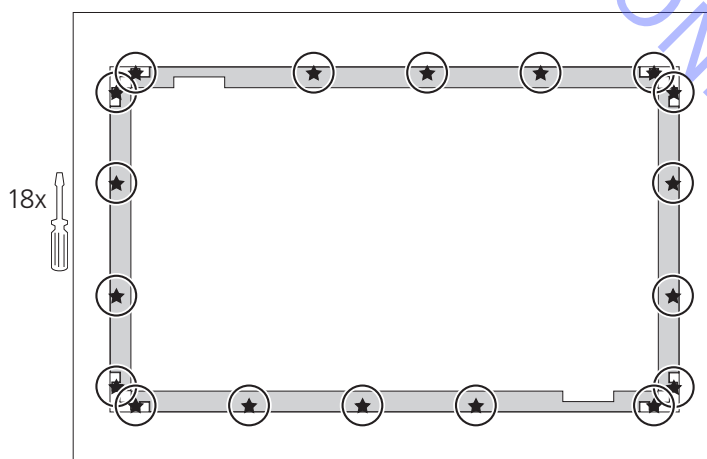
- Remove screws



- Pull out front at lift up

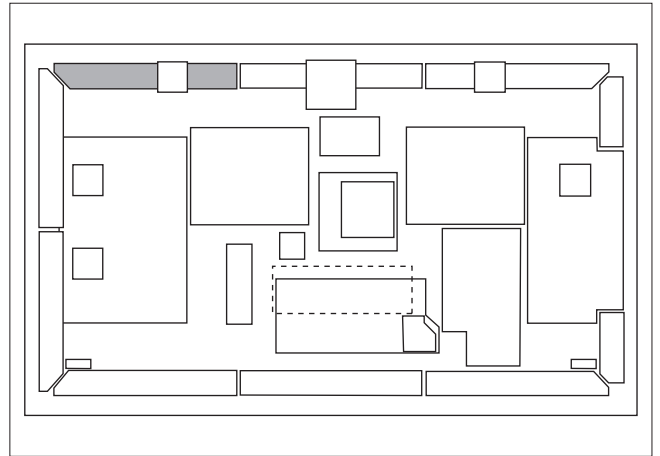


- Remove screws and gently lift out contrast screen

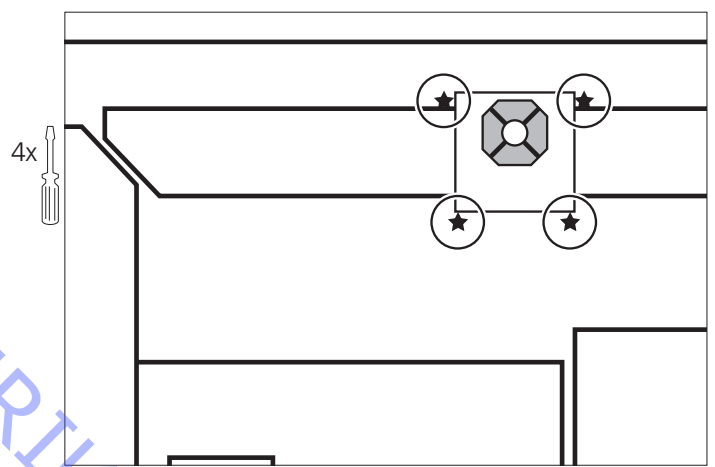


4.1 PDP in service position

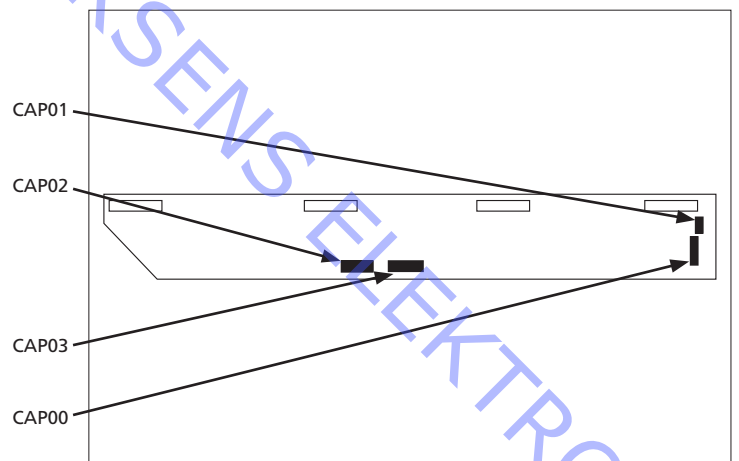
- Placement of PCB C1



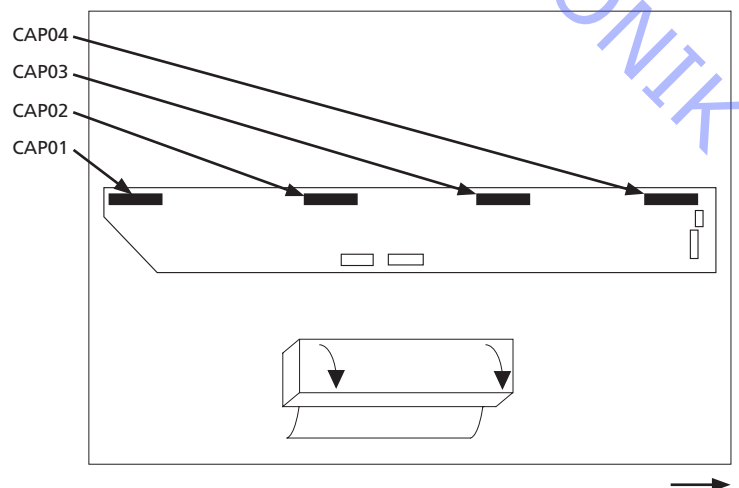
- Remove screws for FAN, unplug FAN



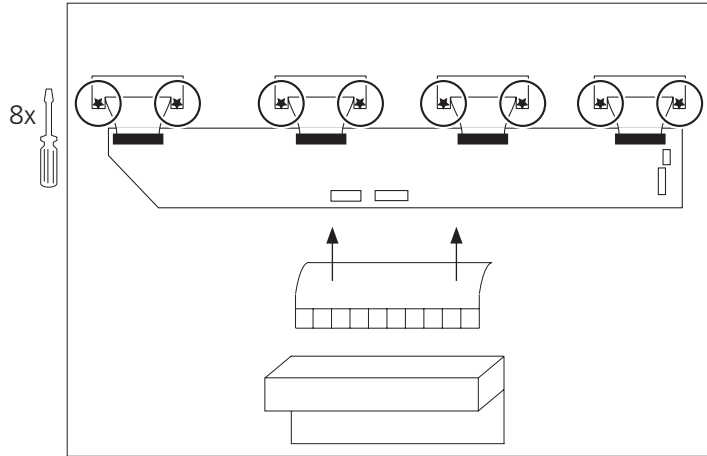
- Remove plugs



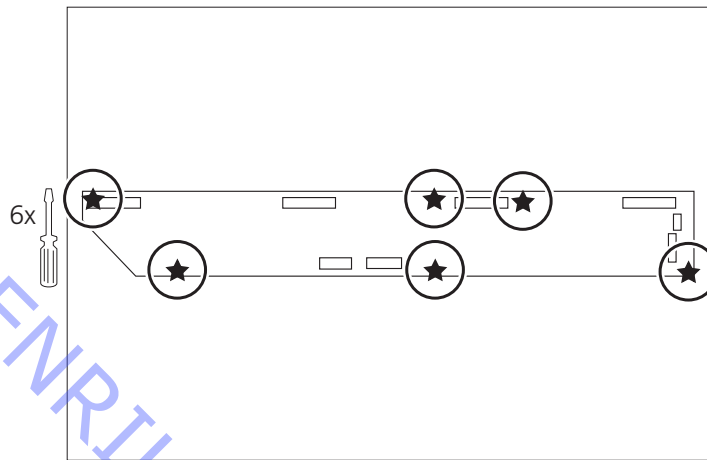
- Open plugs as shown



- Remove screws and gently pull out cables



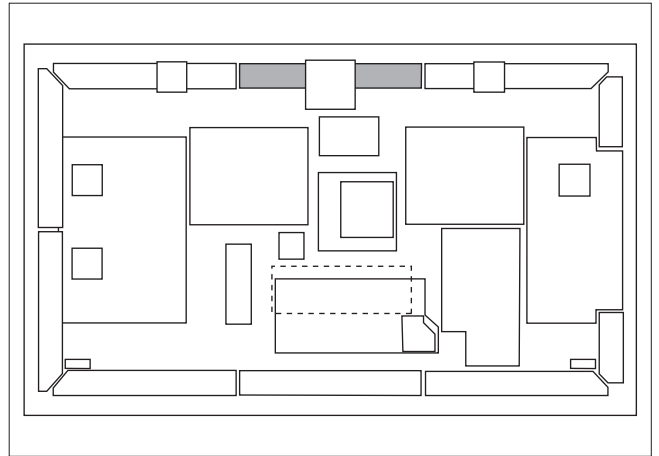
- Remove screws



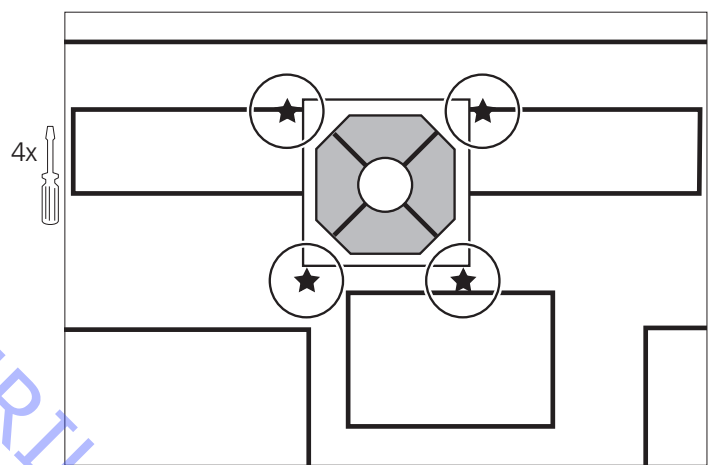
ABO-CENTER V/HENRIKSENS ELEKTRONIK

4.1 PDP in service position

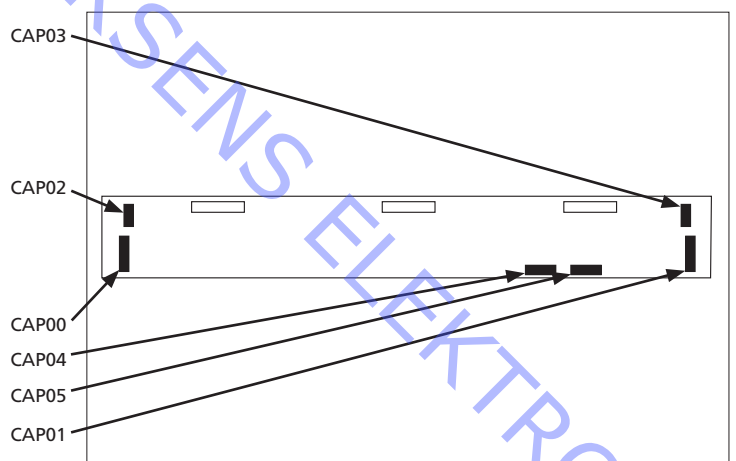
- Placement of PCB C2



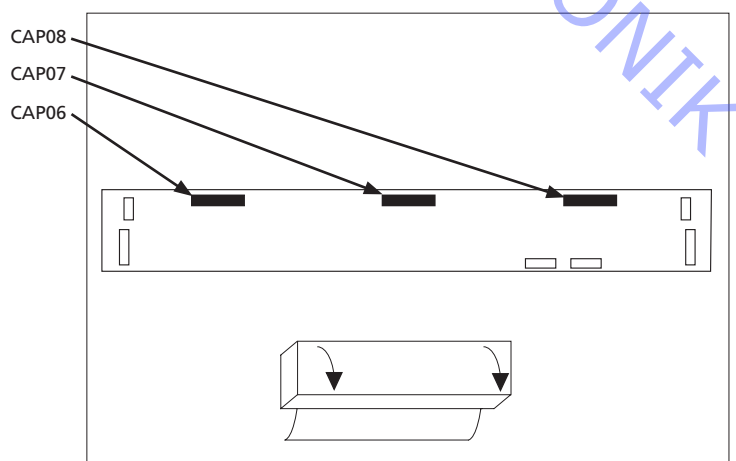
- Remove screws for FAN, unplug FAN



- Remove plugs

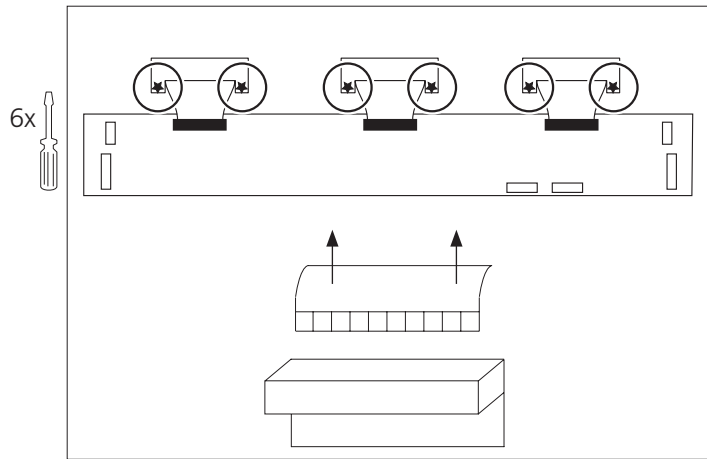


- Open plugs as shown

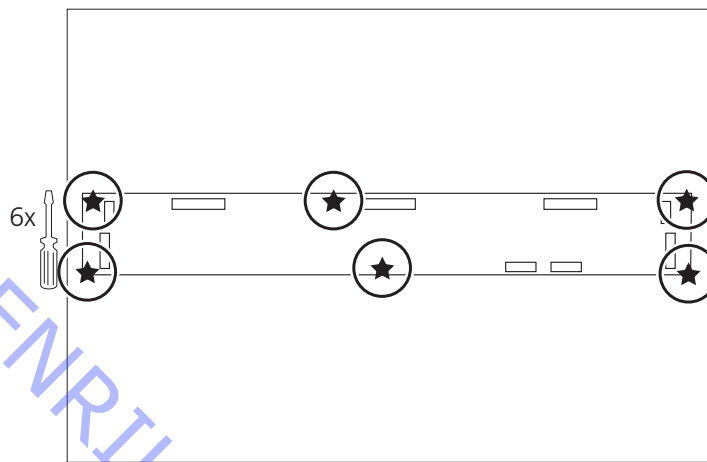


ABO-CENTER V/HENRIKSENS ELEKTRONIK

- Remove screws and gently pull out cables



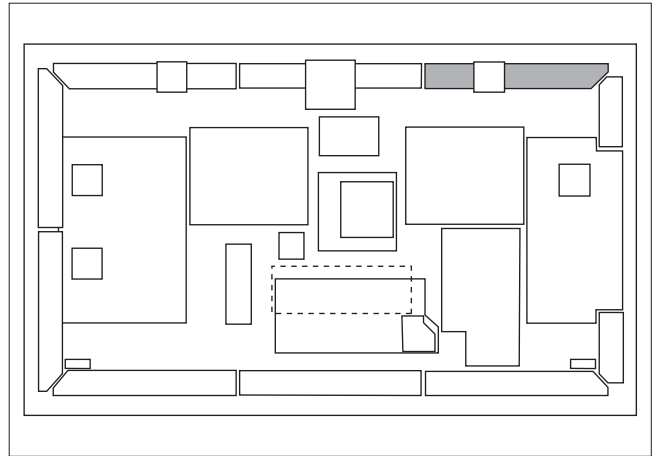
- Remove screws



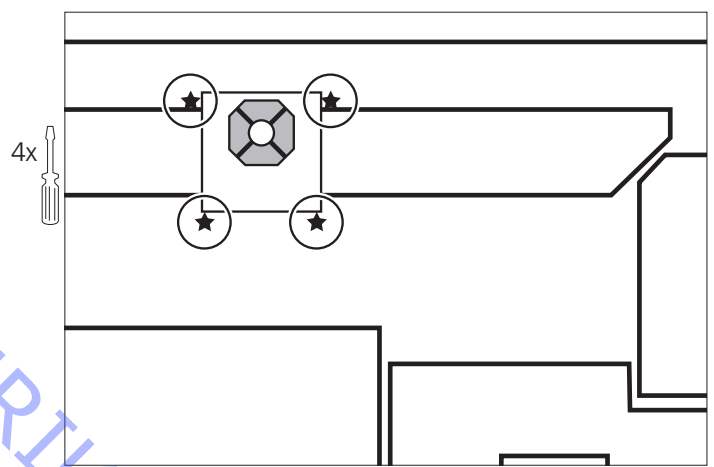
ABO-CENTER V/HENRIKSENS ELEKTRONIK

4.1 PDP in service position

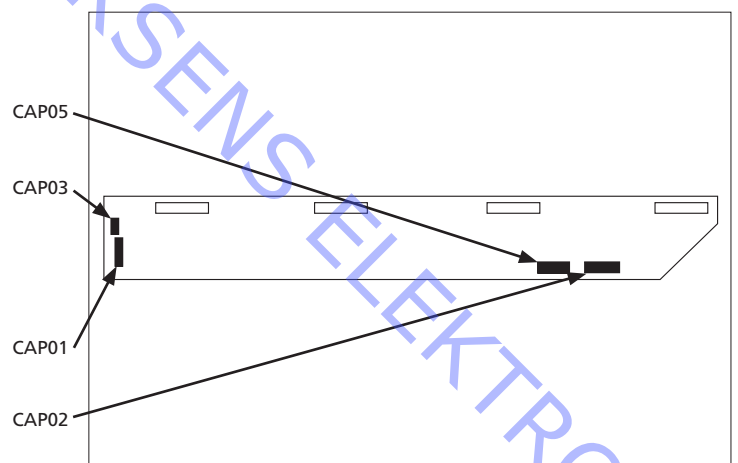
- Placement of PCB C3



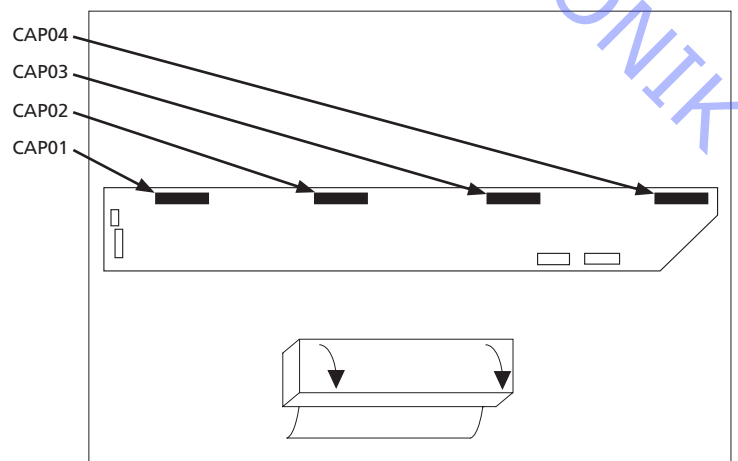
- Remove screws for FAN, unplug FAN



- Remove plugs

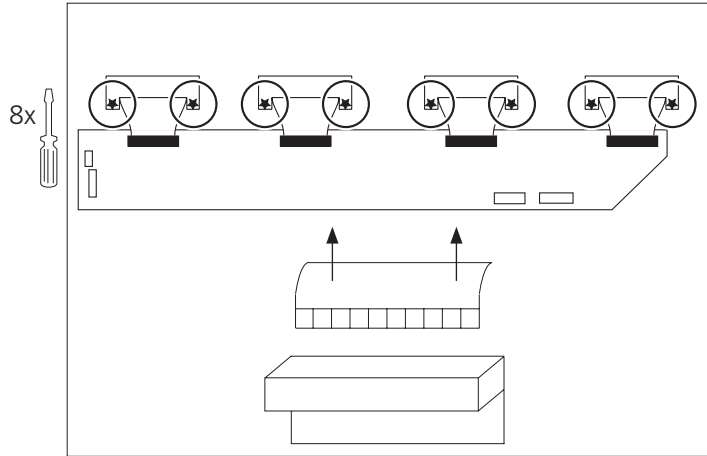


- Open plugs as shown

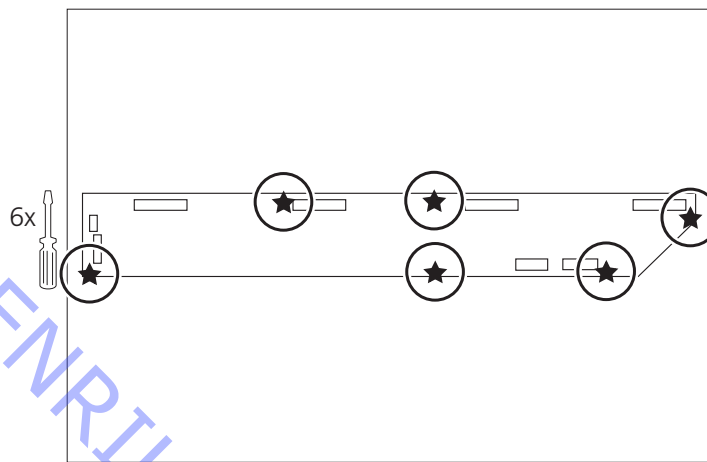


ABO-CENTER V/HENRIKSENS ELEKTRONIK

- Remove screws and gently pull out cables



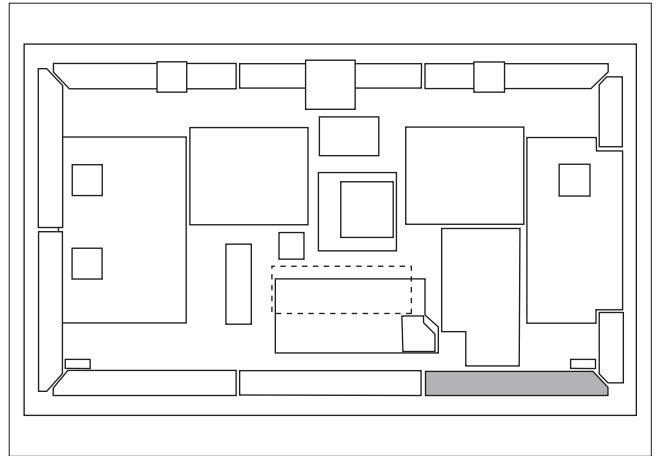
- Remove screws



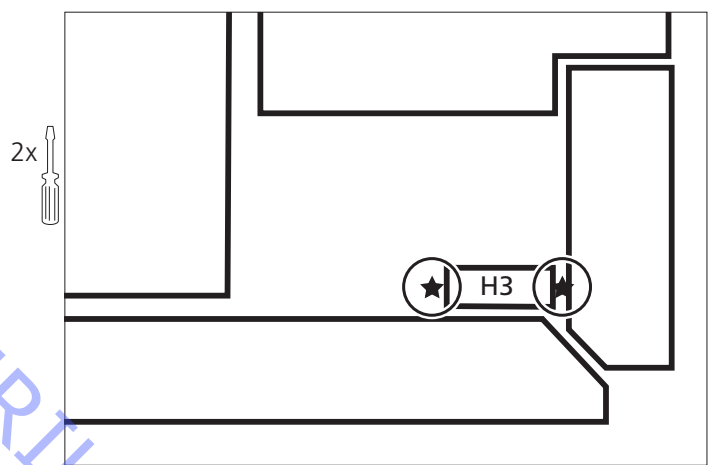
ABO-CENTER V/HENRIKSENS ELEKTRONIK

4.1 PDP in service position

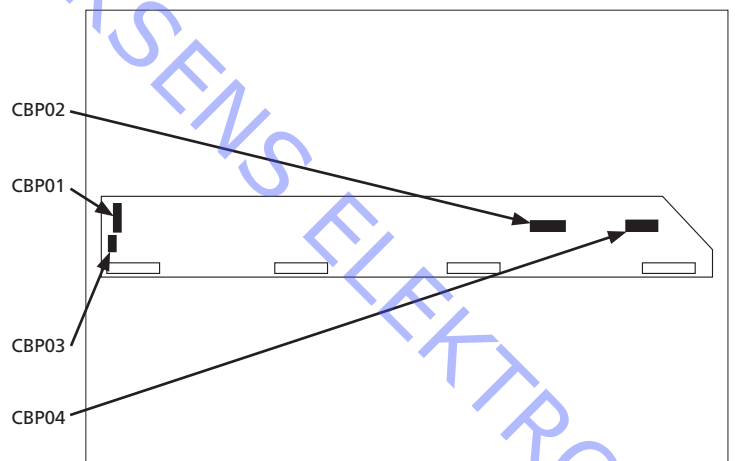
- Placement of PCB C4



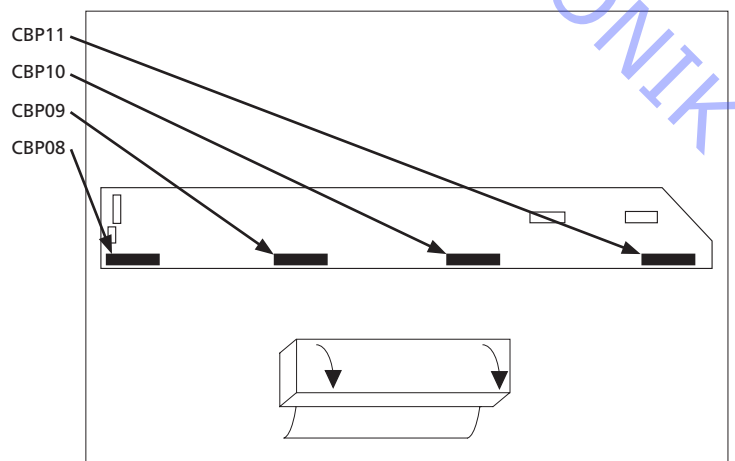
- Remove screws for FAN, unplug FAN



- Remove plugs

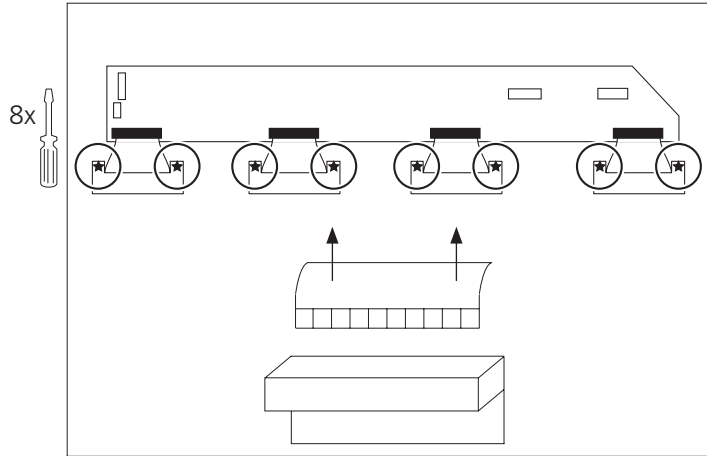


- Open plugs as shown

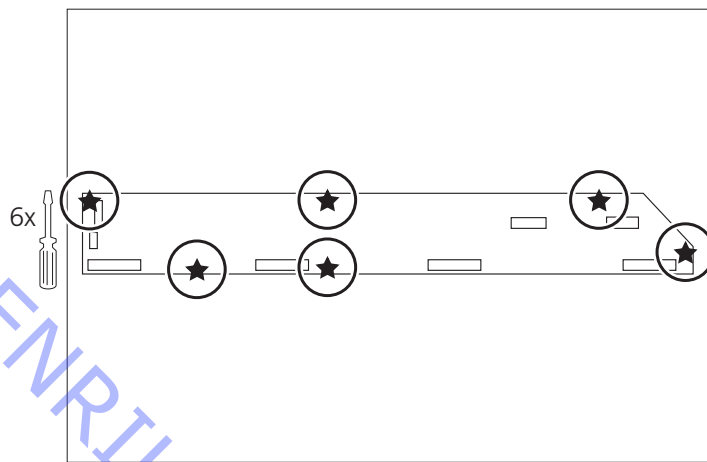


ABO-CENTER V/HENRIKSENS ELEKTRONIK

- Remove screws and gently pull out cables



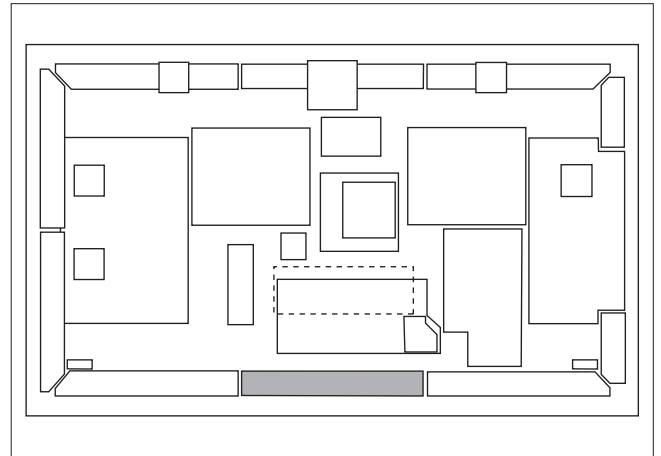
- Remove screws



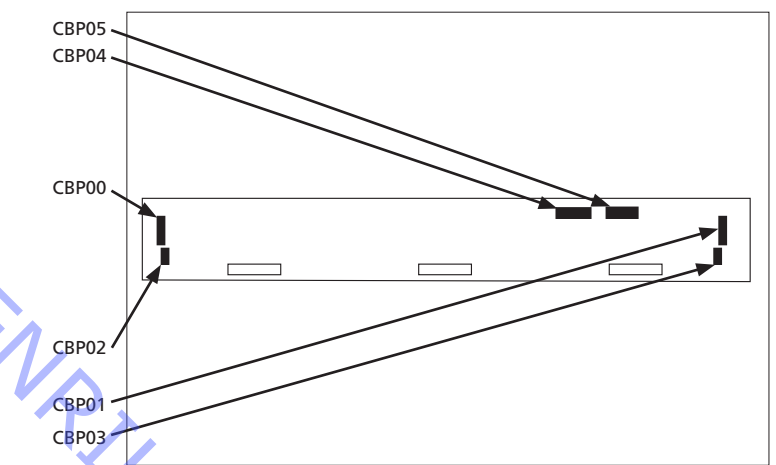
ABO-CENTER V/HENRIKSENS ELEKTRONIK

4.1 PDP in service position

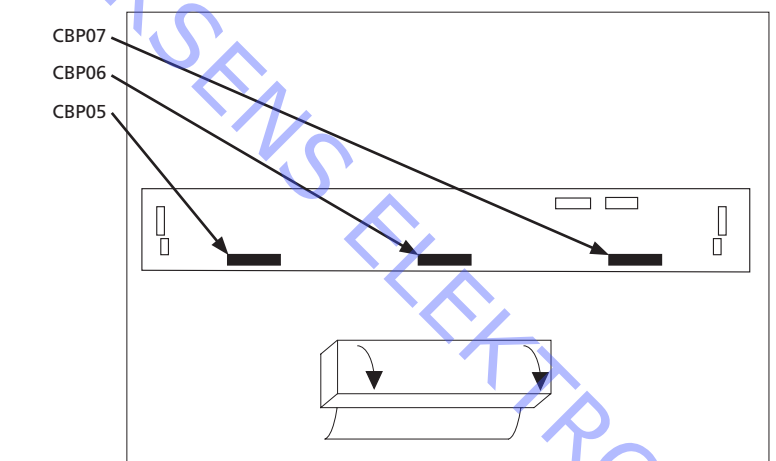
- Placement of PCB C5



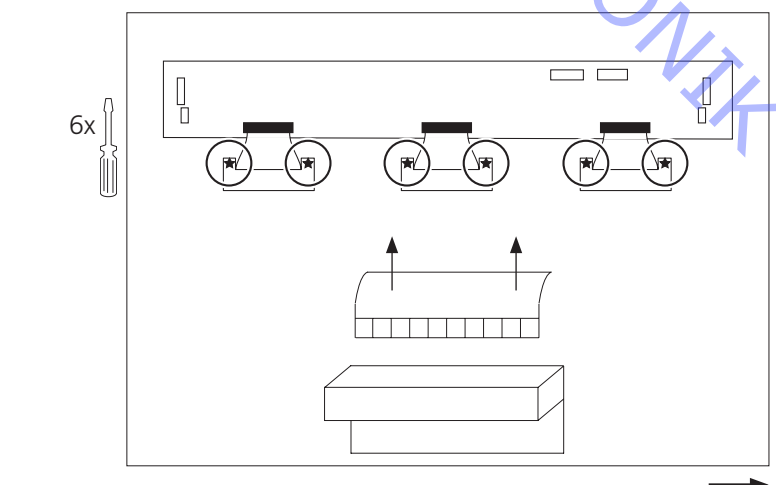
- Remove plugs



- Open plugs as shown

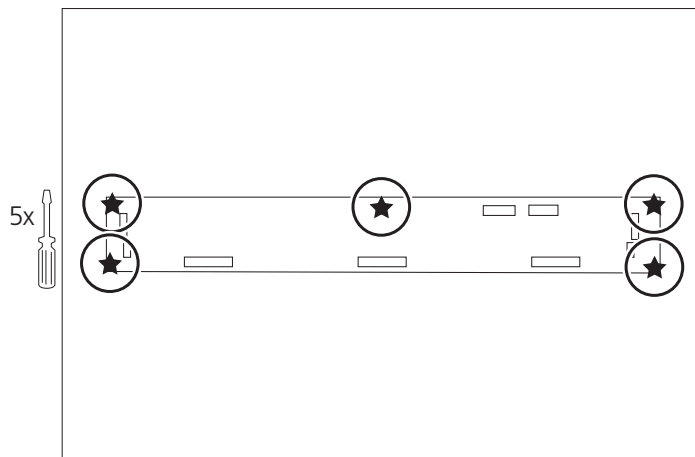


- Remove screws and gently pull out cables



ABO-CENTER V/HENRIKSENS ELEKTRONIK

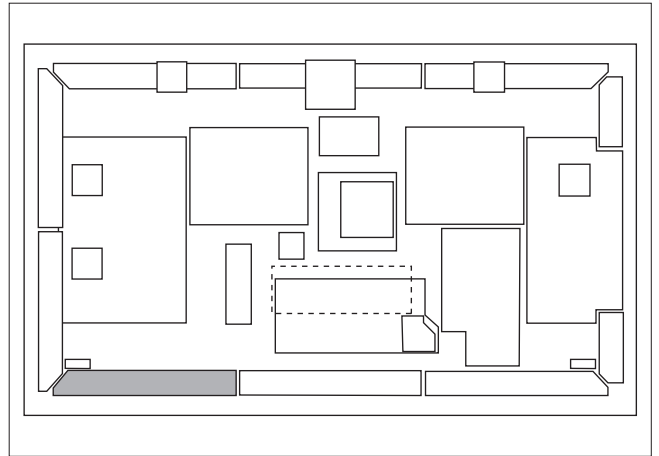
- Remove screws



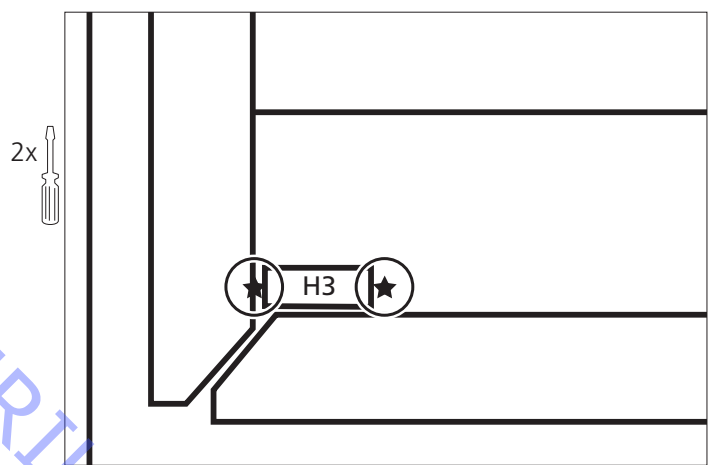
ABO-CENTER V/HENRIKSENS ELEKTRONIK

4.1 PDP in service position

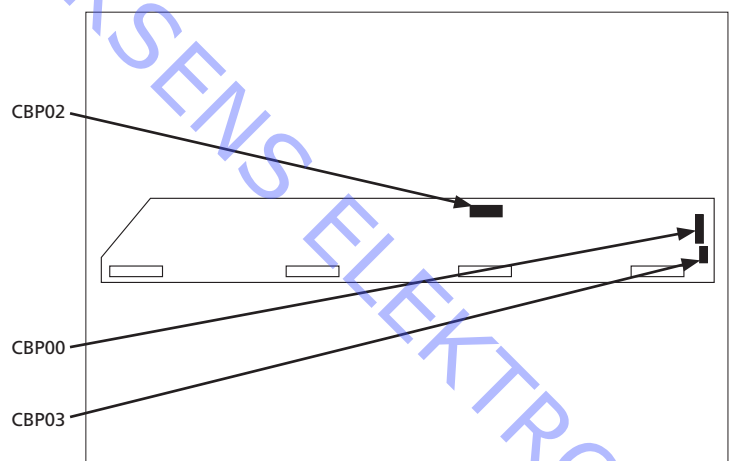
- Placement of PCB C6



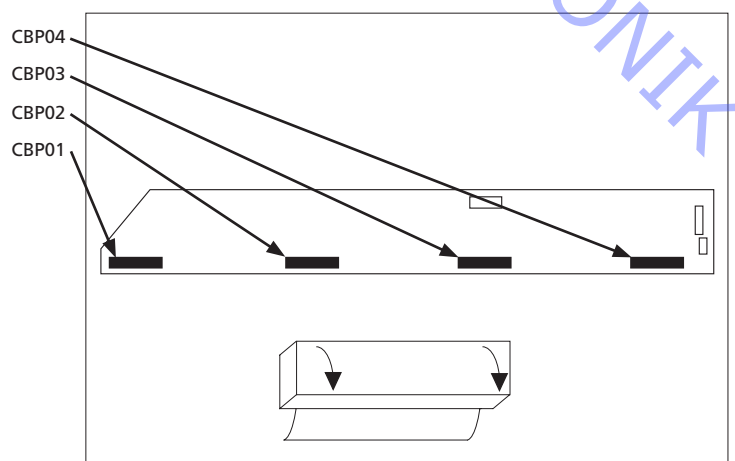
- Remove screws for H3, remove H3



- Remove plugs

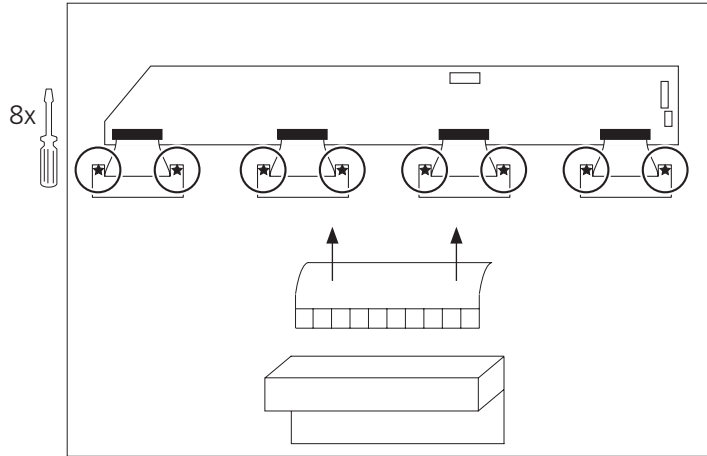


- Open plugs as shown

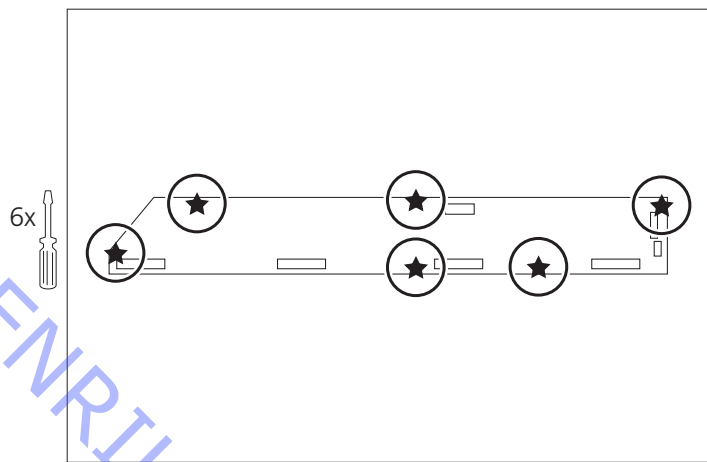


ABO-CENTER V/HENRIKSENS ELEKTRONIK

- Remove screws and gently pull out cables



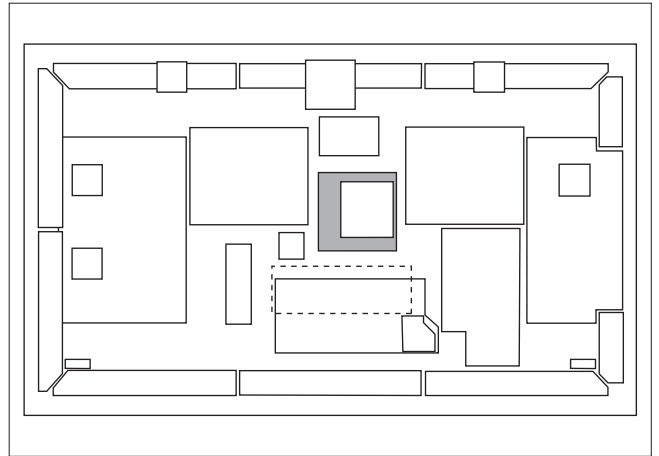
- Remove screws



ABO-CENTER V/HENRIKSENS ELEKTRONIK

4.1 PDP in service position

- Placement of PCB D

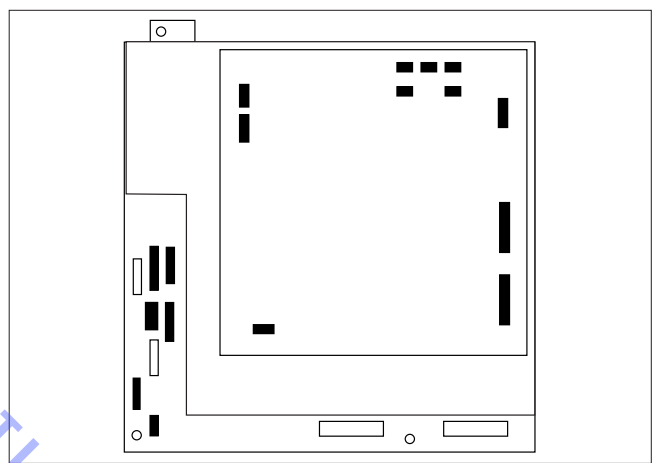


- Remove cables from PCB D and PCB Z

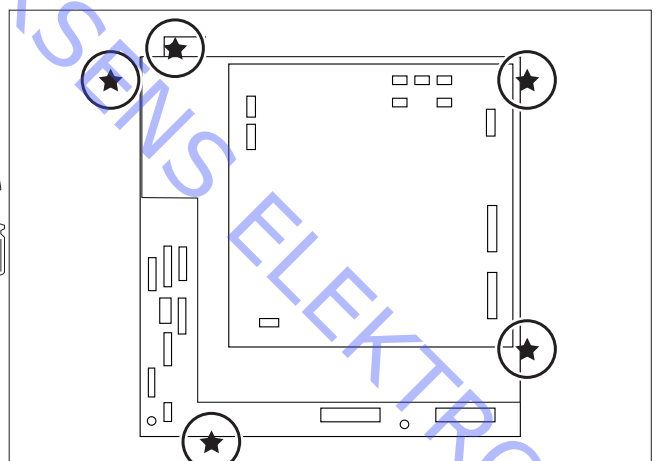


- ZP05
- ZP06
- ZP07
- ZP08
- ZP09
- ZP10
- ZP30
- ZP31
- ZP32
- ZP33
- ZP34

- DP01
- DP03
- DP05
- DP20
- DP25
- DP27



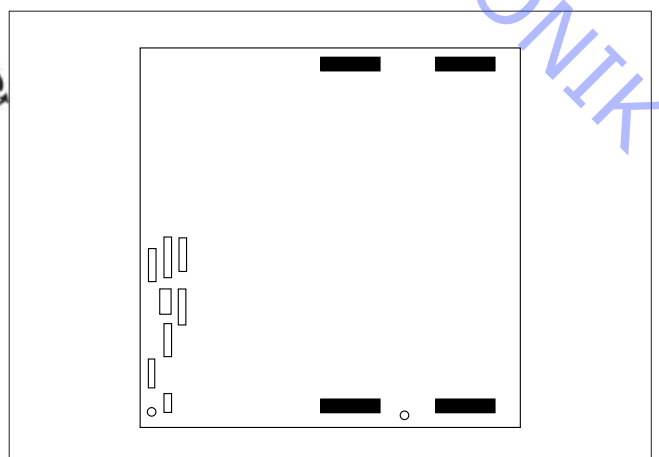
- Remove screws and pull of PCB Z



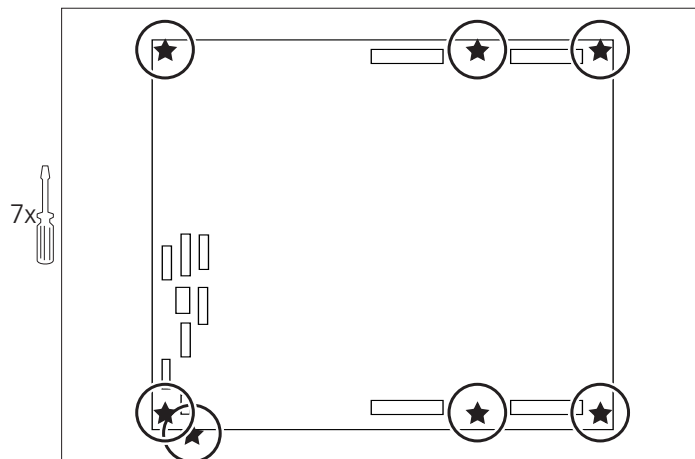
- Remove plugs



- DP31
- DP32
- DP33
- DP34



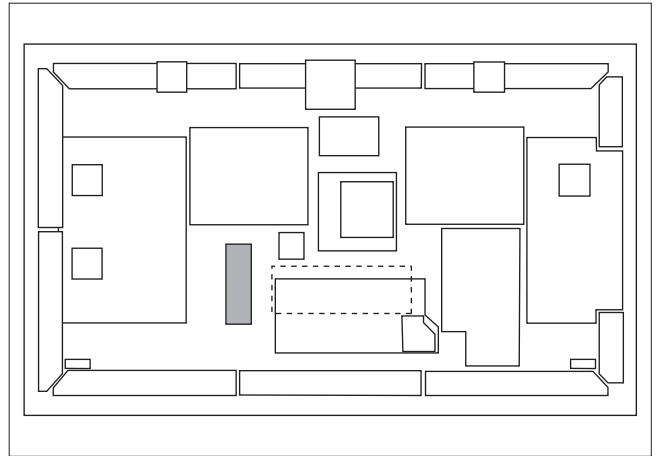
- Remove screws



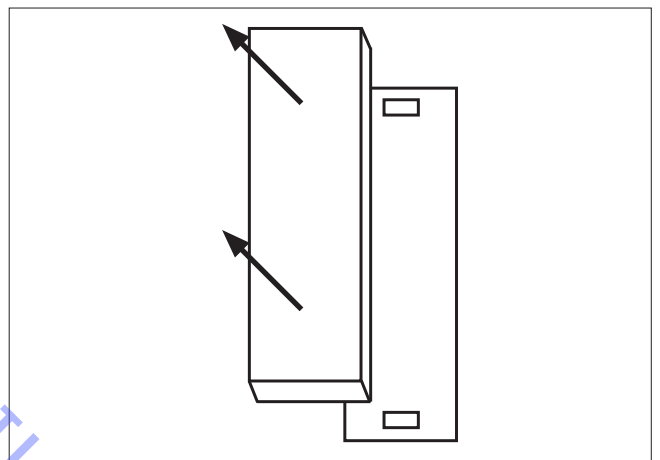
ABO-CENTER V/HENRIKSENS ELEKTRONIK

4.1 PDP in service position

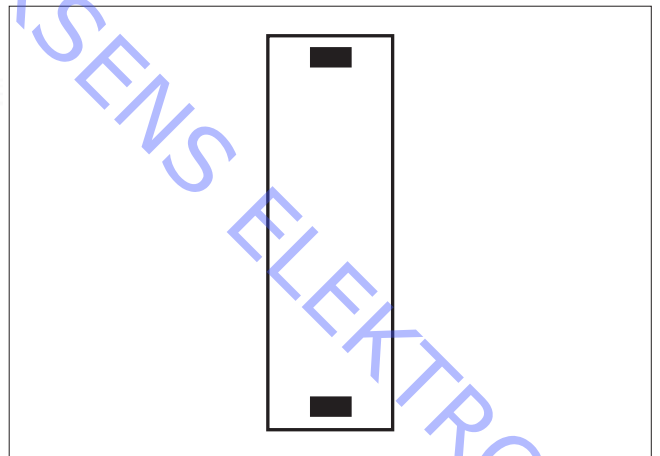
- Placement of PCB F



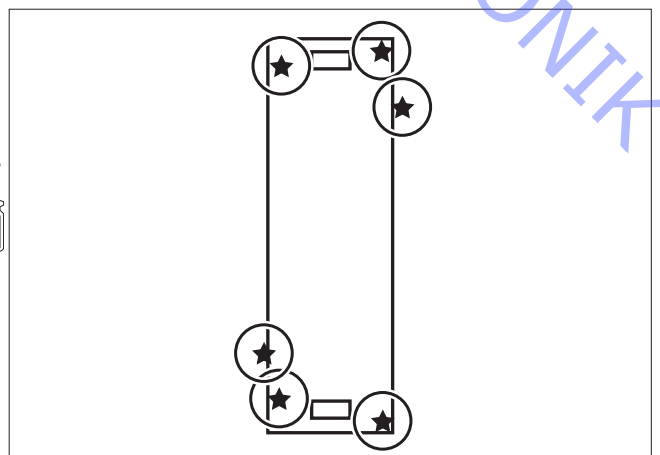
- Remove shield from PCB F



- Remove plugs



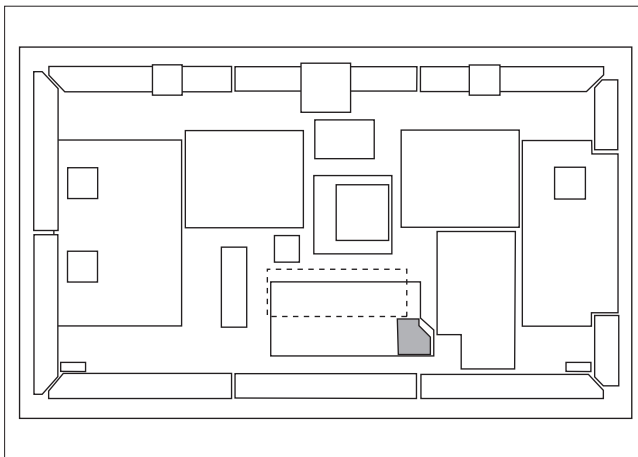
- Remove screws



ABO-CENTER V/HENRIKSENS ELEKTRONIK

4.1 PDP in service position

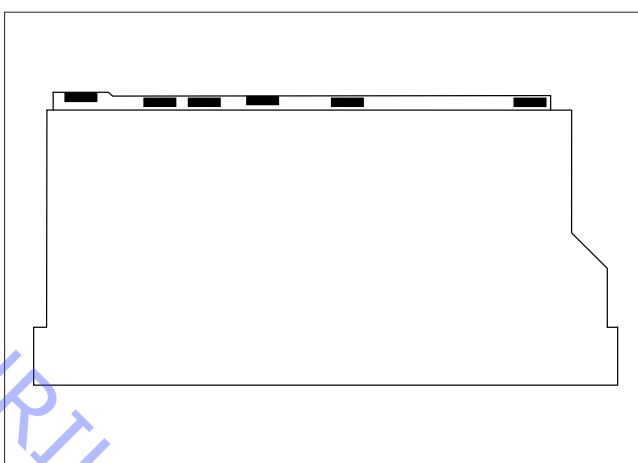
- Placement of PCB HX



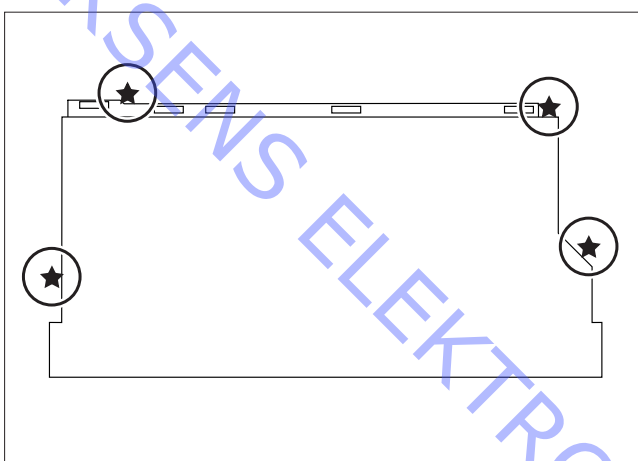
- Remove plugs on PCB J



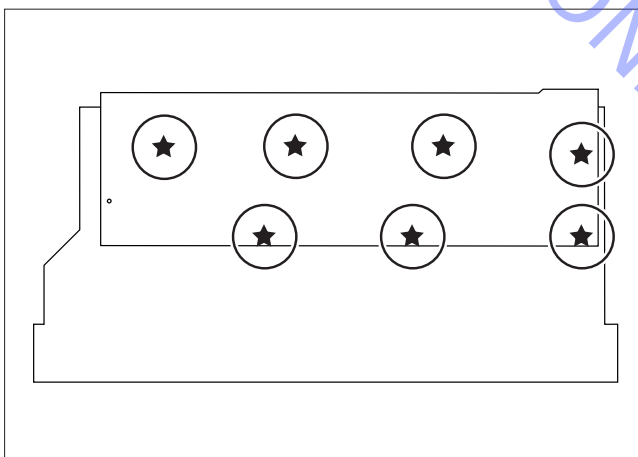
- JP1
- JP3
- JP5
- JP6
- JP8
- JP10



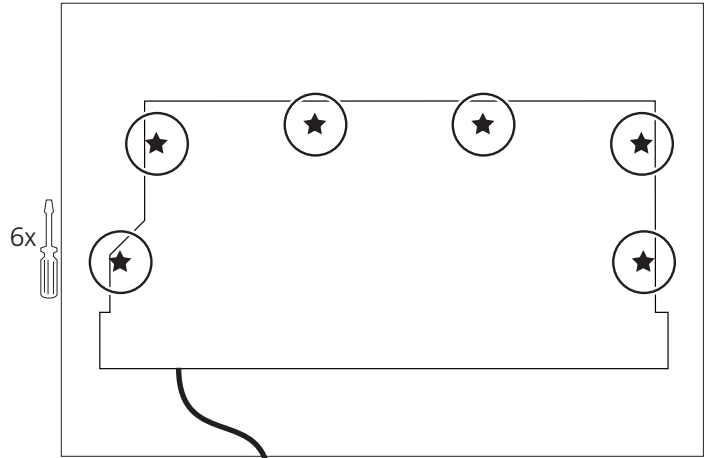
- Remove screws on PCB J



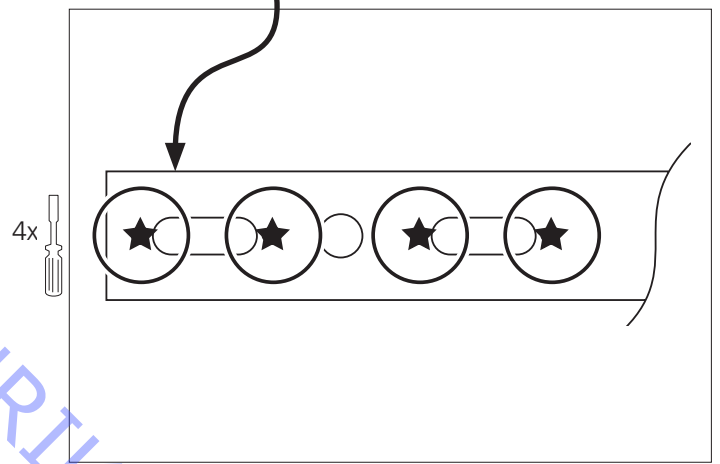
- Remove screws on backside and remove PCB J



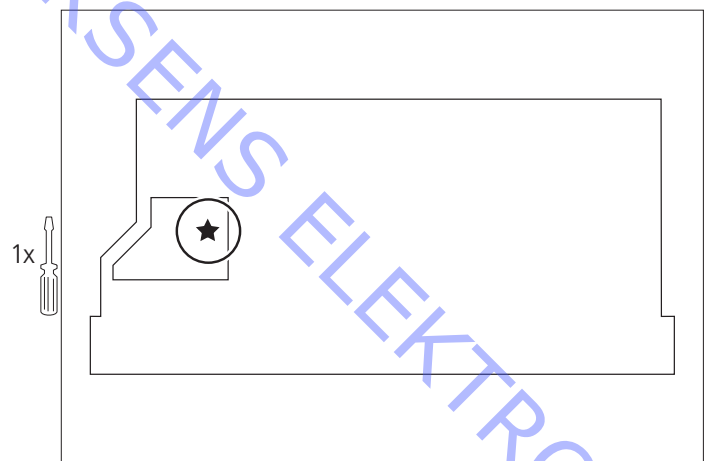
- Remove screws



- Remove "screws" on the bottom



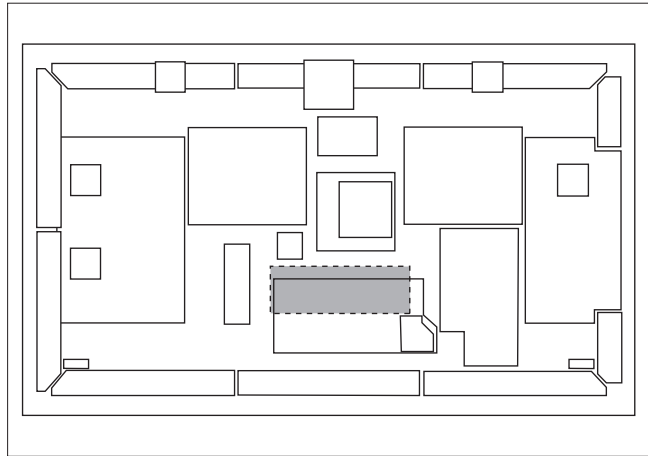
- Remove screw on PCB HX



ABO-CENTER V/HENRIKSENS ELEKTRONIK

4.1 PDP in service position

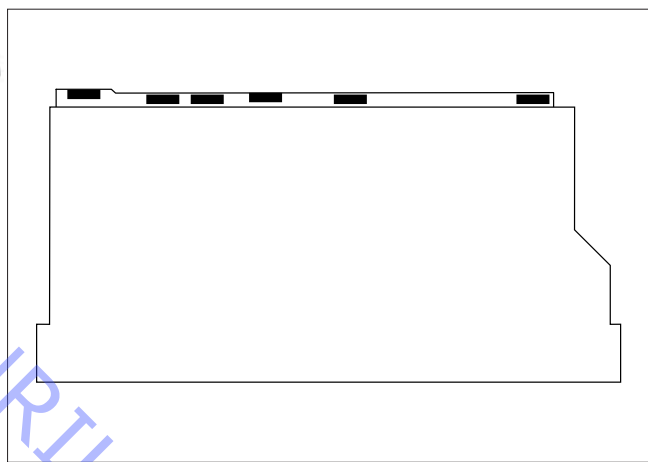
- Placement of PCB J



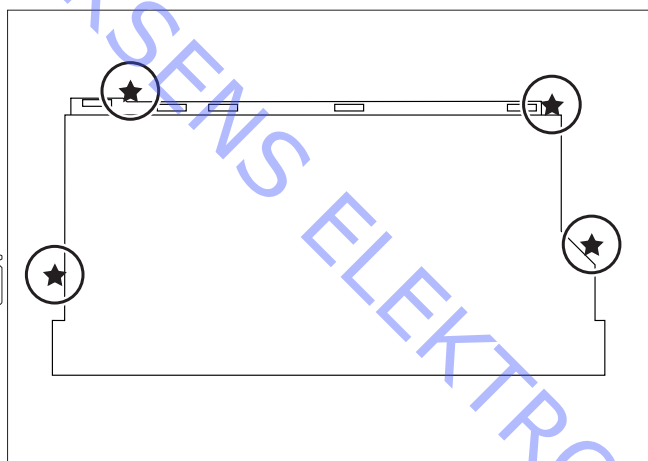
- Remove plugs on PCB J



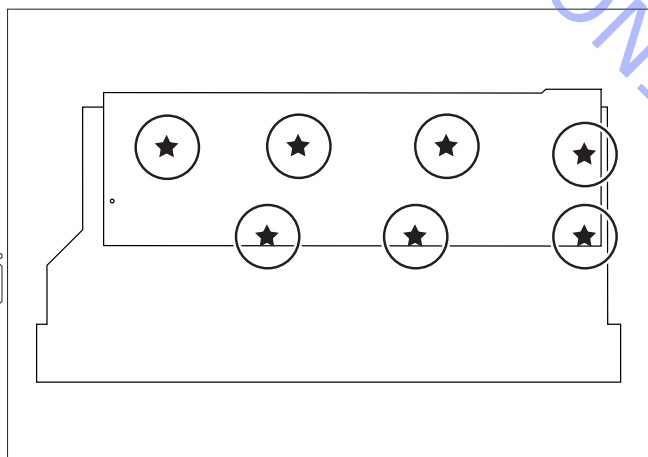
- JP1
- JP3
- JP5
- JP6
- JP8
- JP10



- Remove screws on PCB J



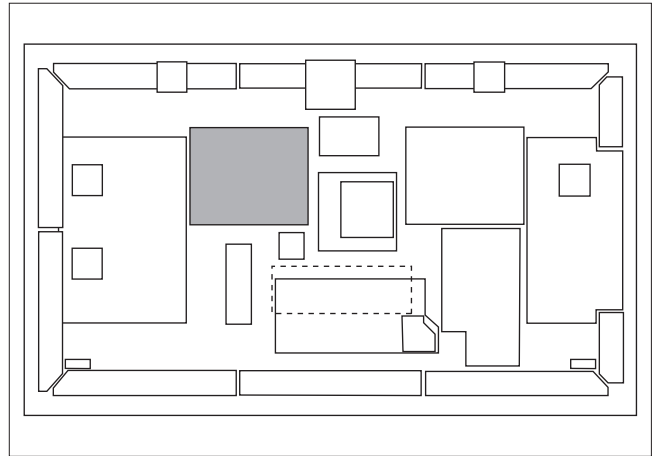
- Remove screws on backside and remove PCB J



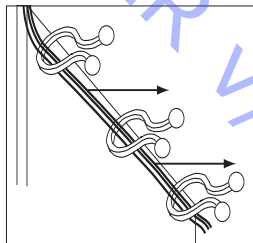
ABO-CENTER V/HENRIKSENS ELEKTRONIK

4.1 PDP in service position

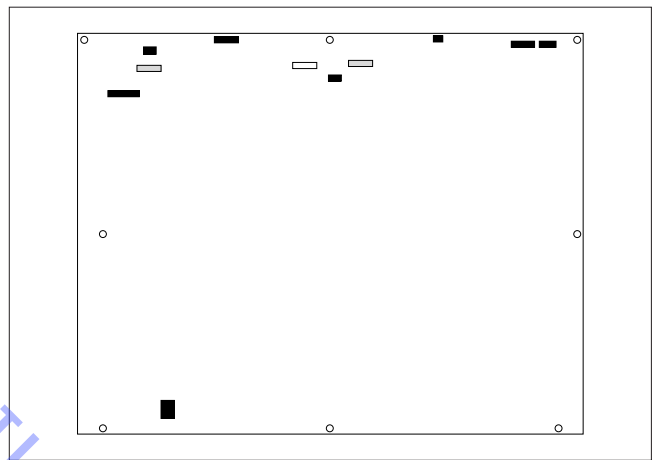
- Placement of PCB P (SC)



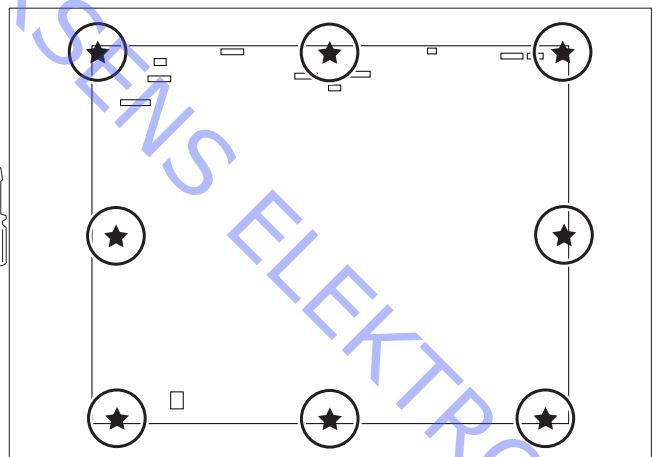
- Remove plugs



- PP02
- PP07
- PP09
- PP10
- PP11
- PP12
- PP23
- PP25
- PP27
- PP700

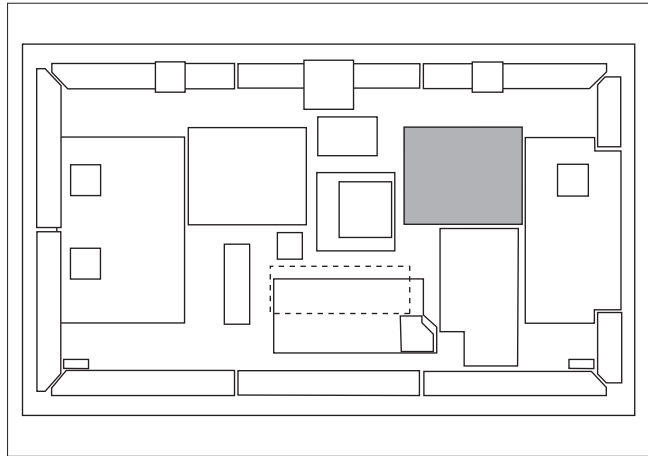


- Remove screws

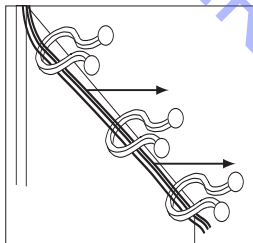


4.1 PDP in service position

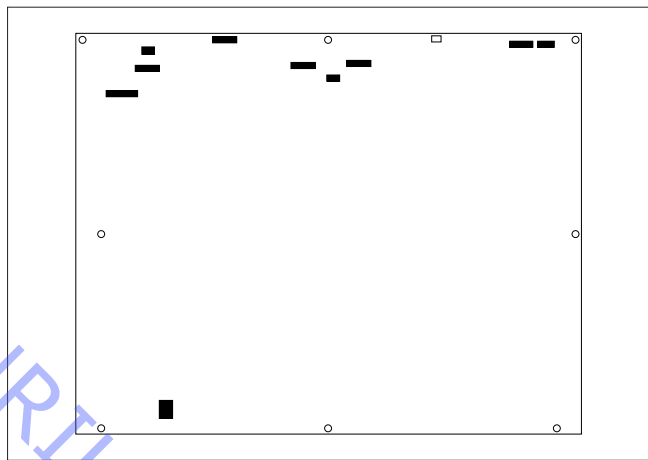
- Placement of PCB P (SS)



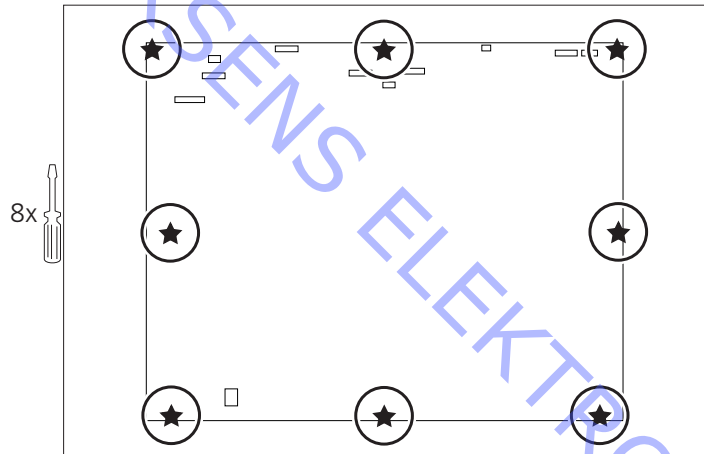
- Remove plugs



- PP02
- PP05
- PP07
- PP09
- PP10
- PP11
- PP12
- PP25
- PP27
- PP700

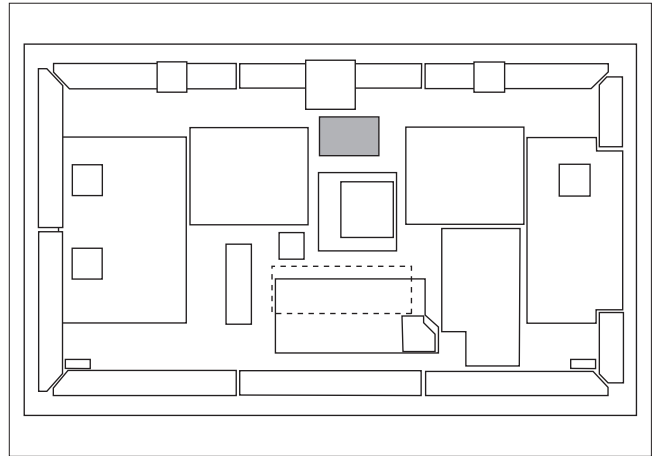


- Remove screws

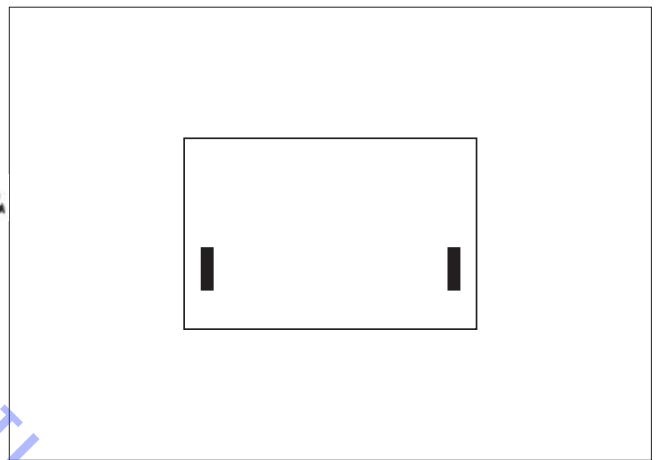


4.1 PDP in service position

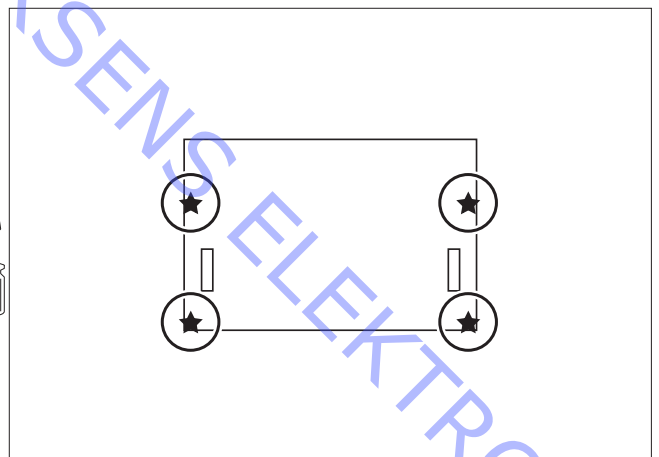
- Placement of PCB PC



- Remove plugs



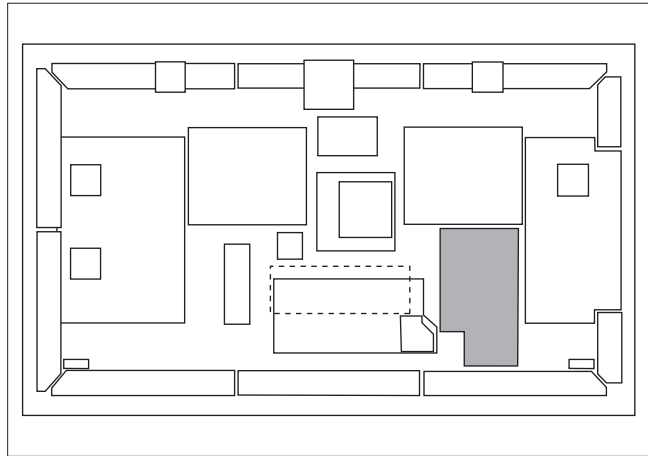
- Remove screws




ABO-CENTER V/HENRIKSENS ELEKTRONIK

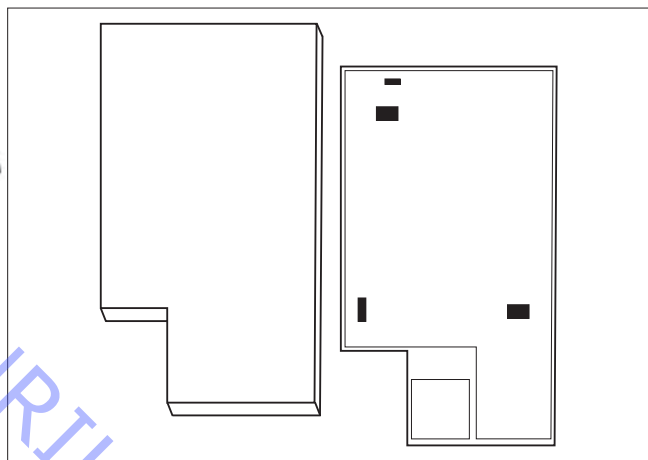
4.1 PDP in service position

- Placement of PCB PF



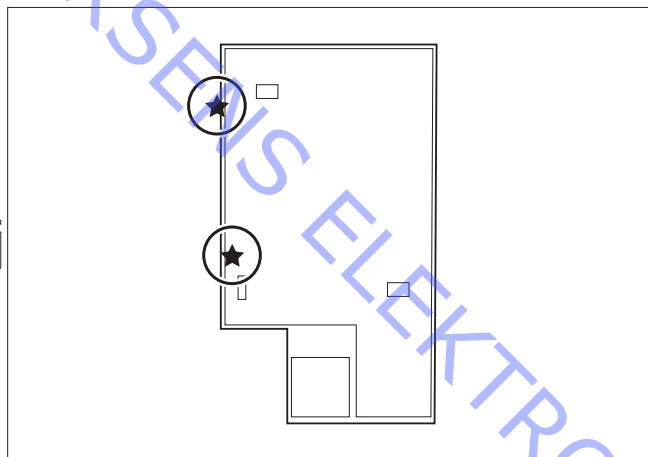
- Remove cover and plugs

-  PFP01
- PFP02
- PFP09
- PFP10



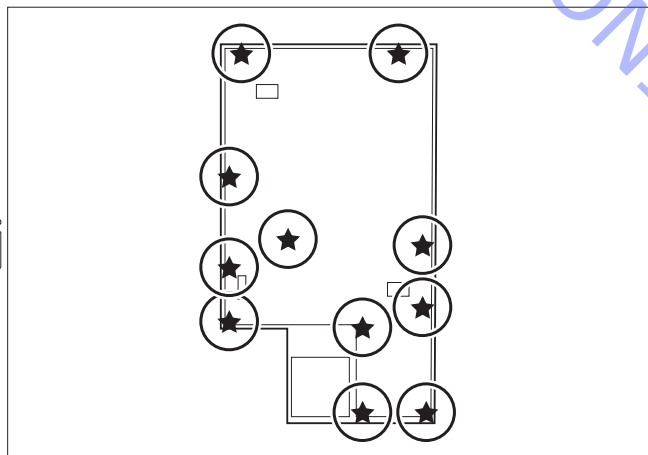
- Remove GND wires

-  2x



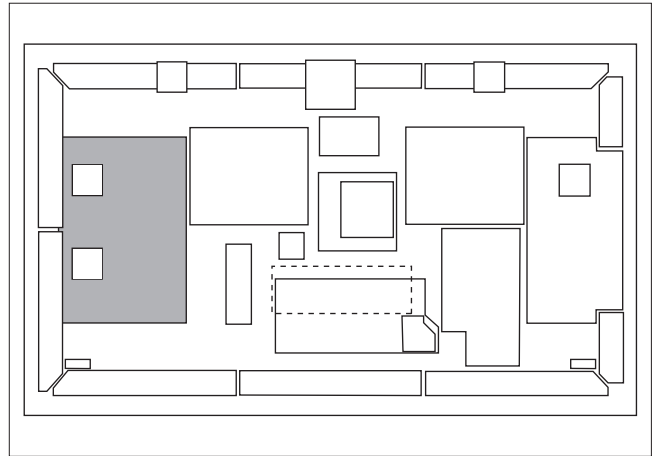
- Remove screws

-  11x

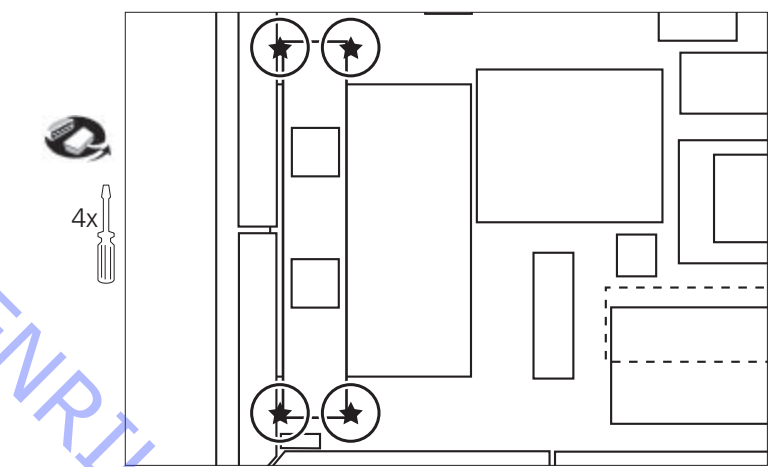
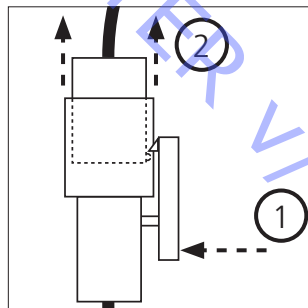


4.1 PDP in service position

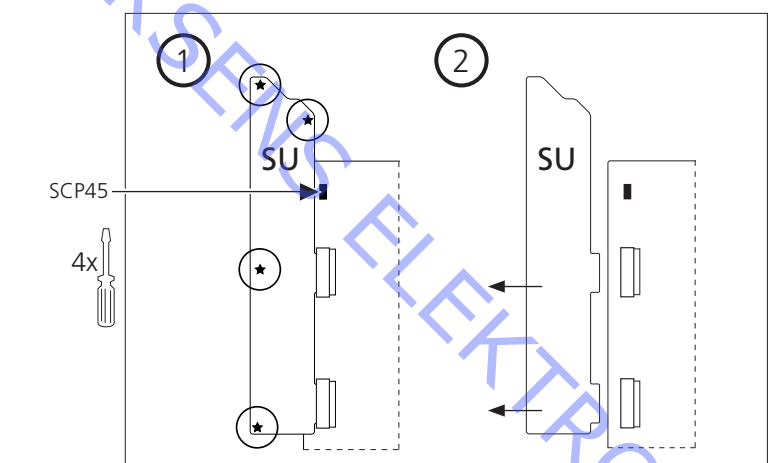
- Placement of PCB SC



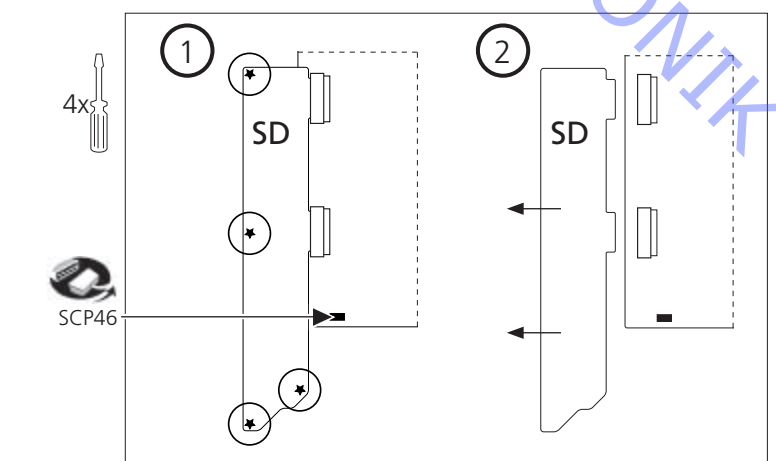
- Remove FAN



- Remove PCB SU as shown



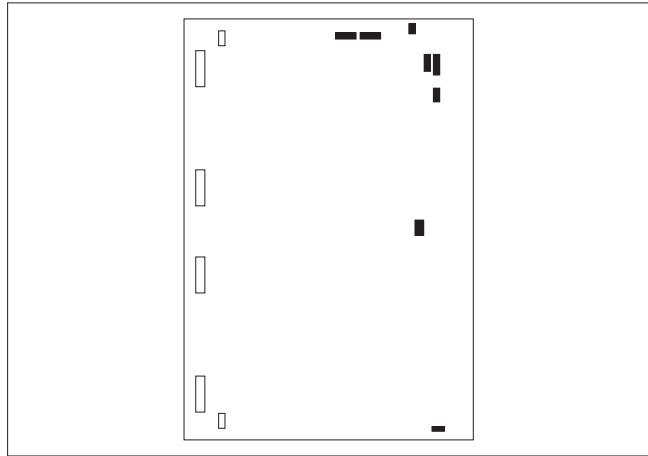
- Remove PCB SD as shown



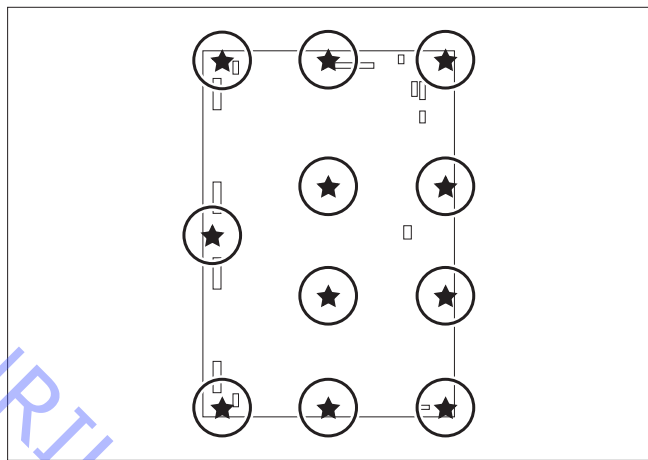
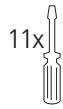
- Remove plugs



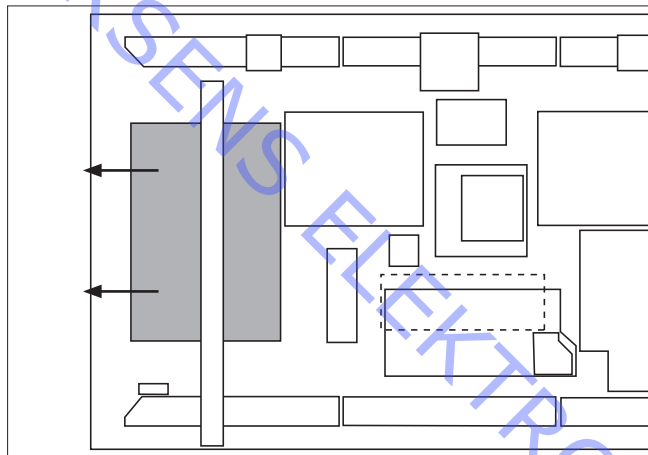
SCP02
SCP10
SCP11
SCP12
SCP13
SCP20
SCP23
SCP62



- Remove screws



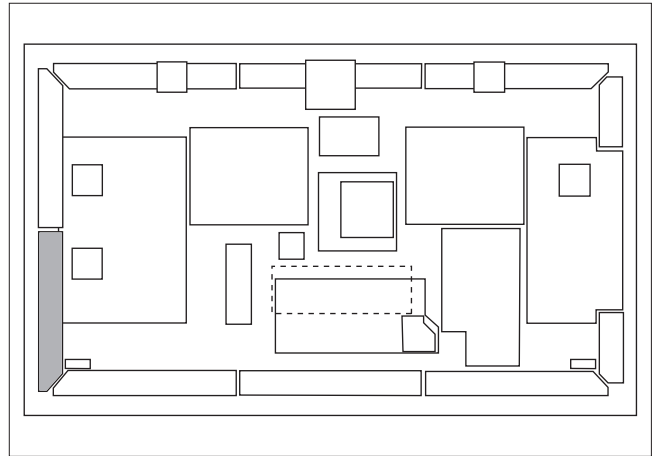
- Very gentle pull out PCB SC



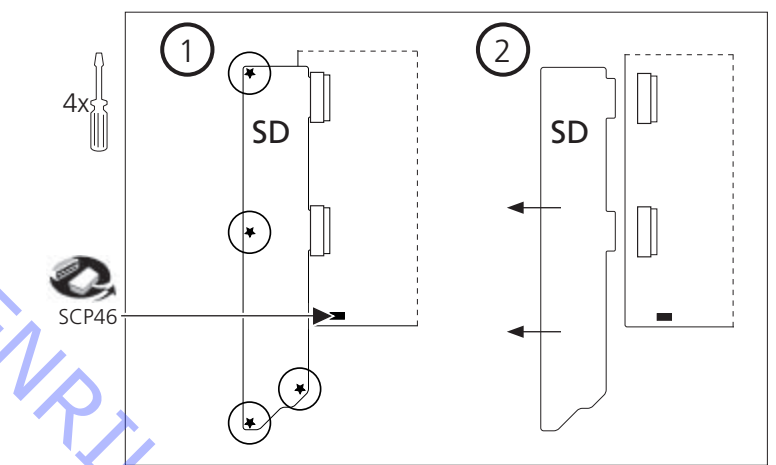
ABO-CENTER V/HENRIKSENS ELEKTRONIK

4.1 PDP in service position

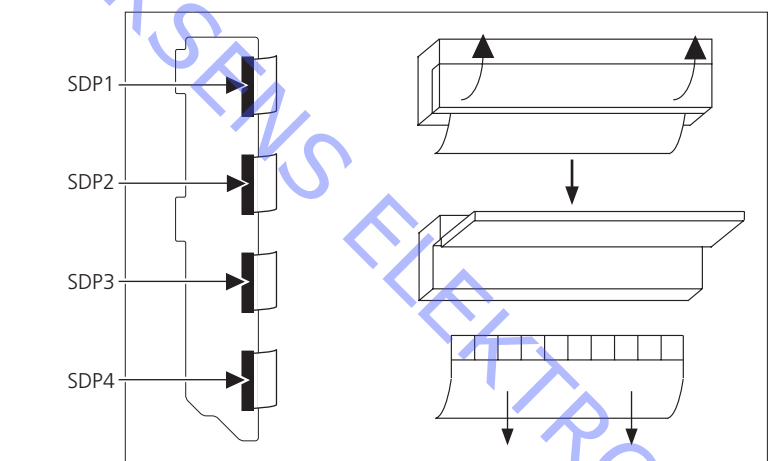
- Placement of PCB SD



- Remove PCB SD as shown



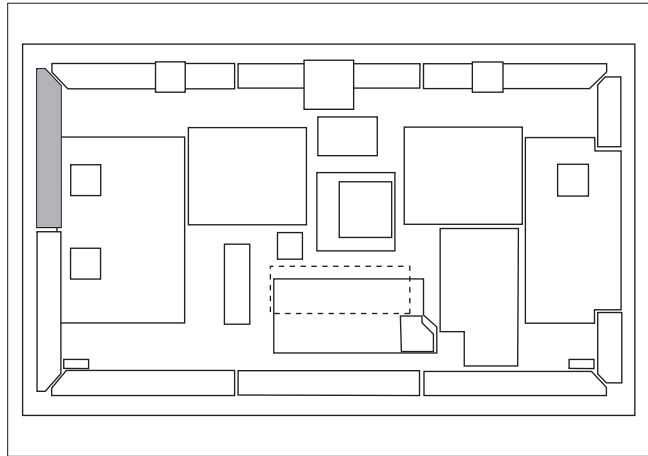
- Remove cables on backside of PCB SD



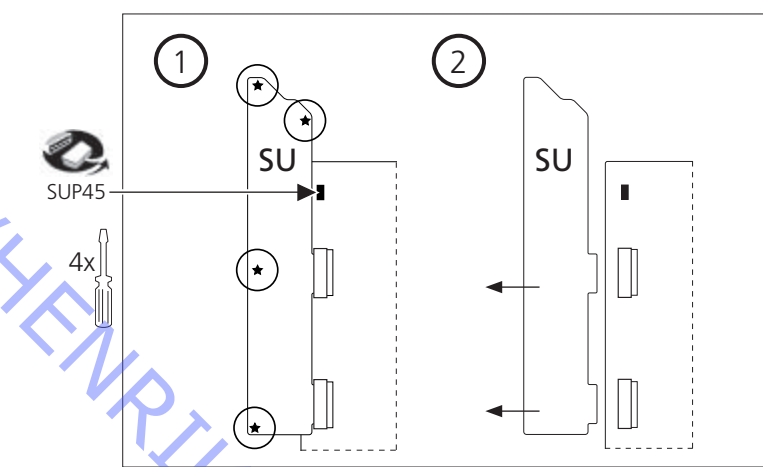
ABO-CENTER V/HENRIKSEMS ELEKTRONIK

4.1 PDP in service position

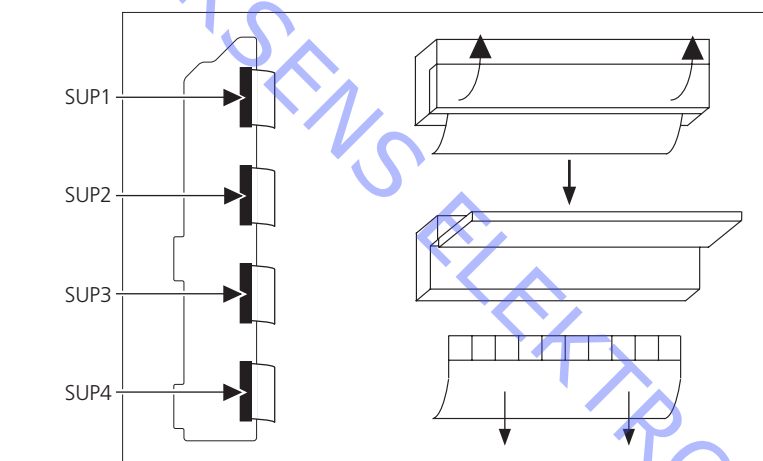
- Placement of PCB SU



- Remove PCB SU as shown

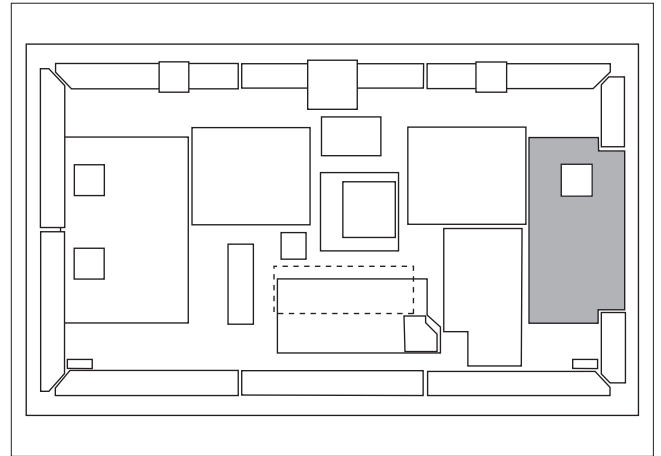


- Remove cables on backside of PCB SU

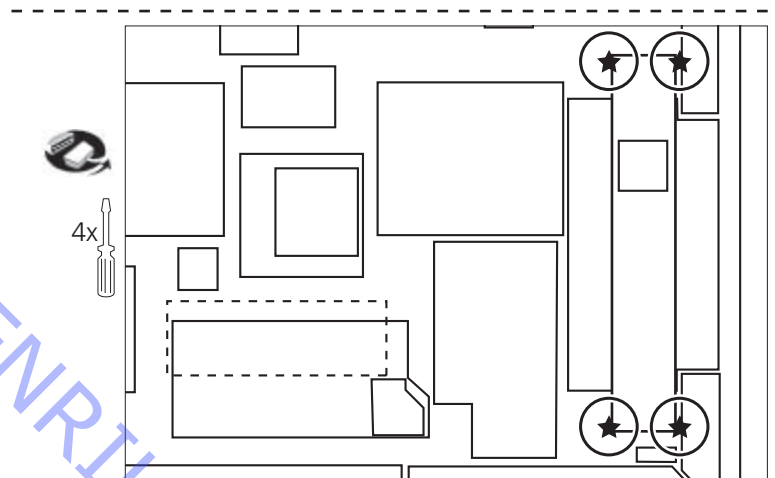
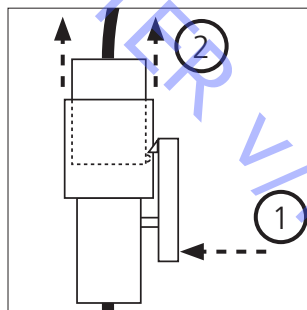


4.1 PDP in service position

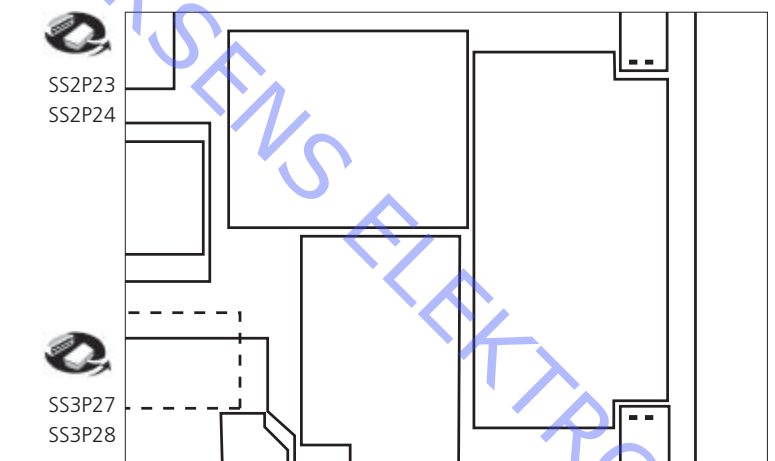
- Placement of PCB SS



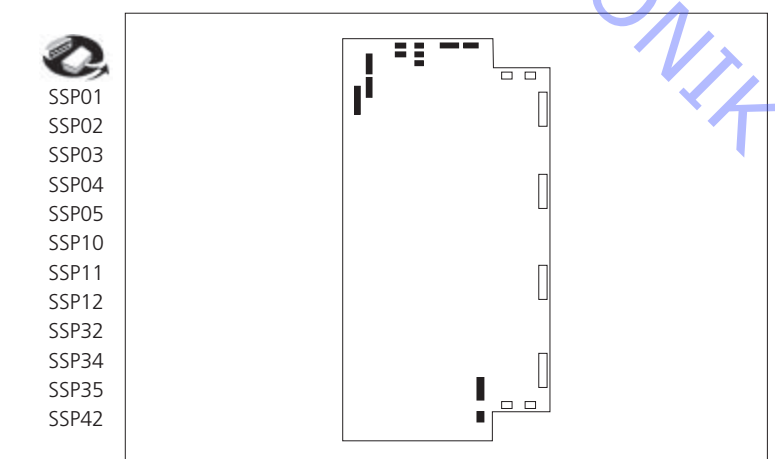
- Remove FAN tower



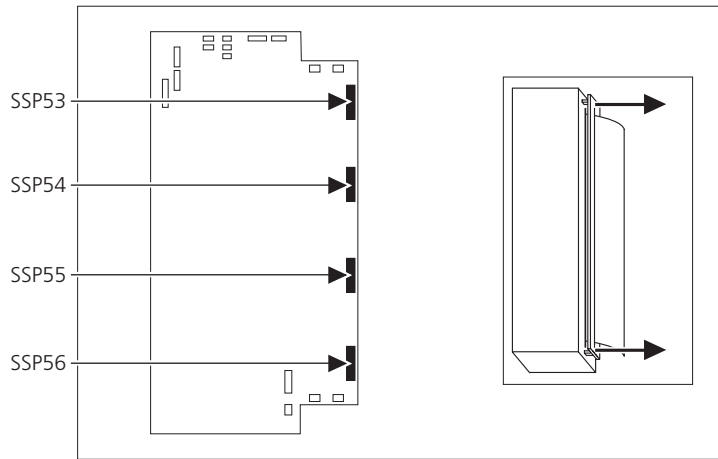
- Remove plugs on PCB SS2 and PCB SS3



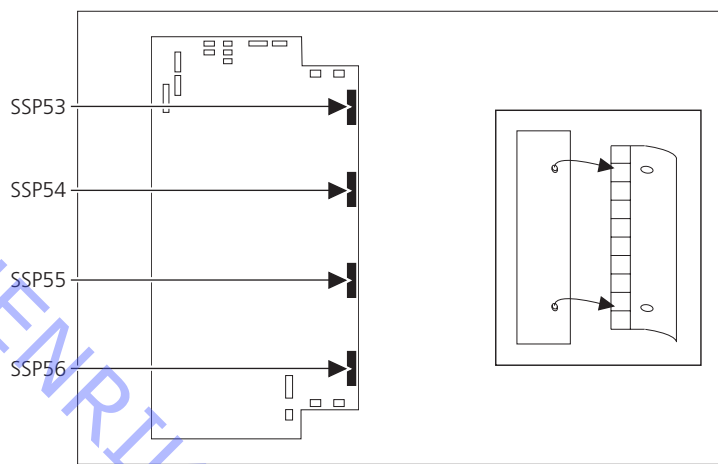
- Remove plugs



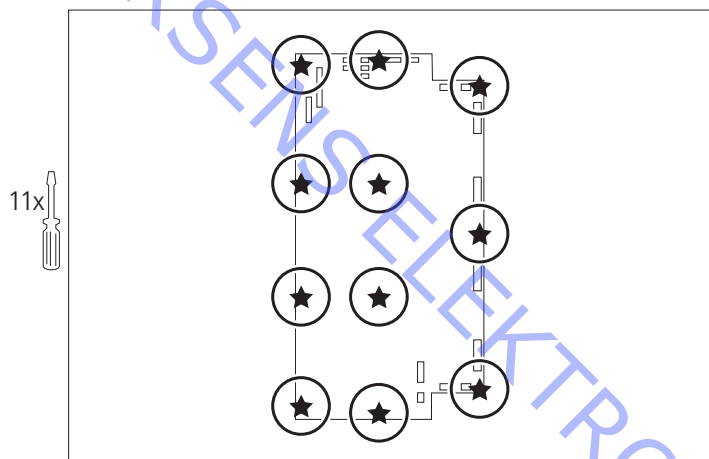
- Open plugs as shown



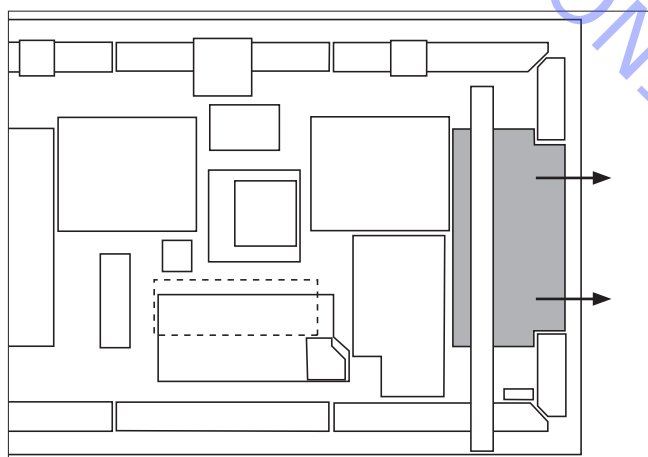
- Remove screws



- Remove screws

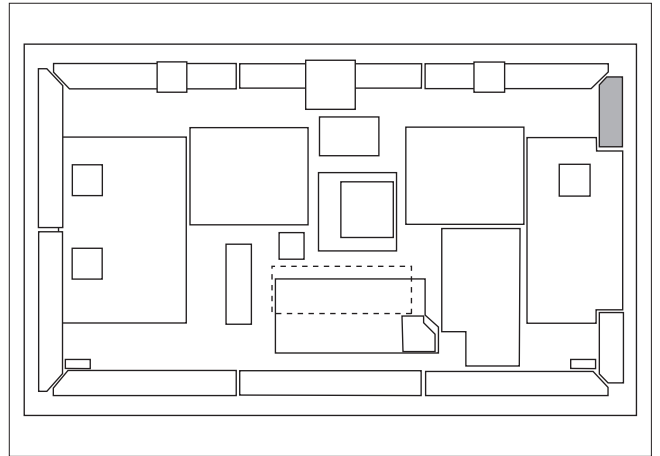


- Very gentle pull out PCB SS

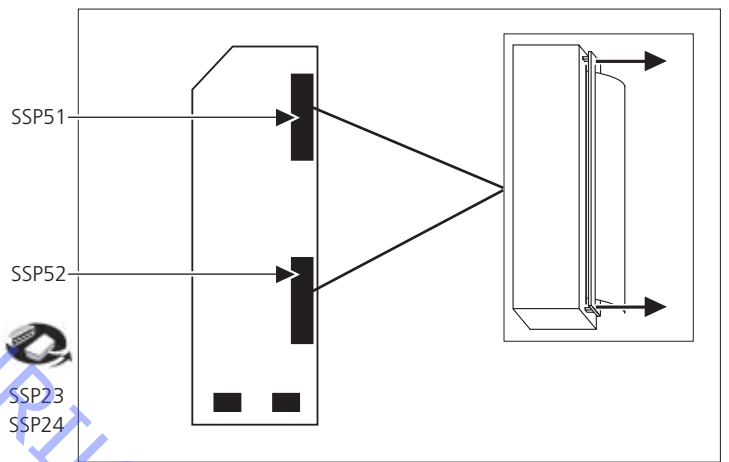


4.1 PDP in service position

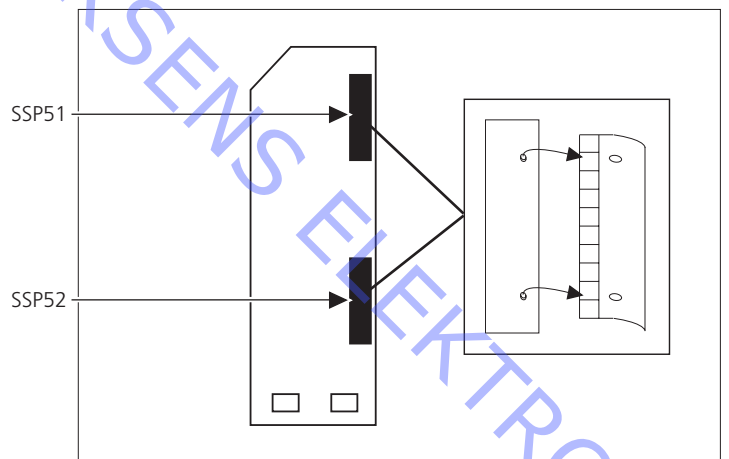
- Placement of PCB SS2



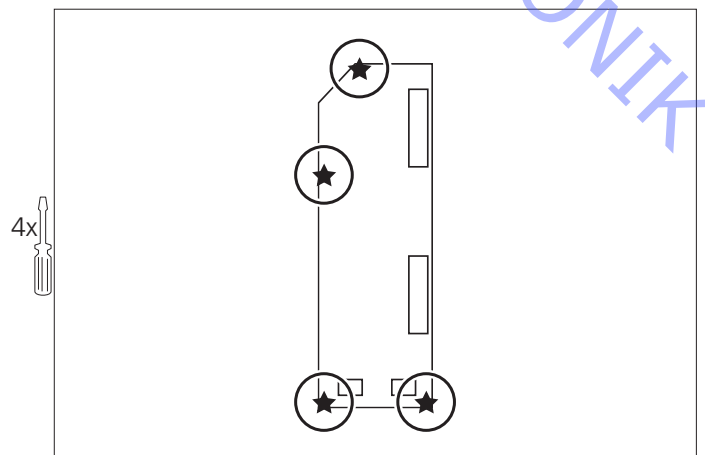
- Open plugs as shown and remove plugs



- Remove plugs

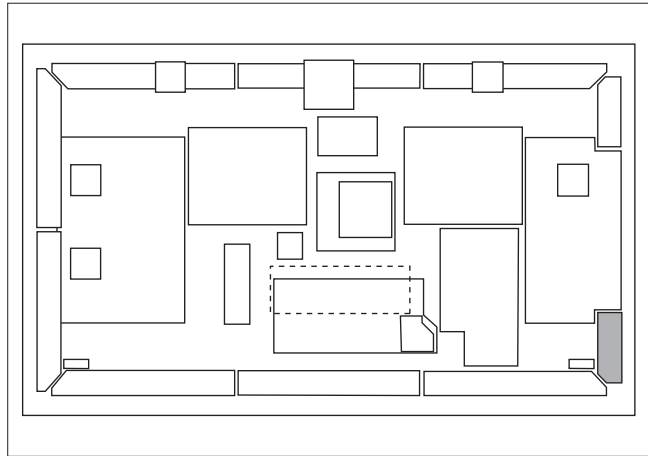


- Remove screws

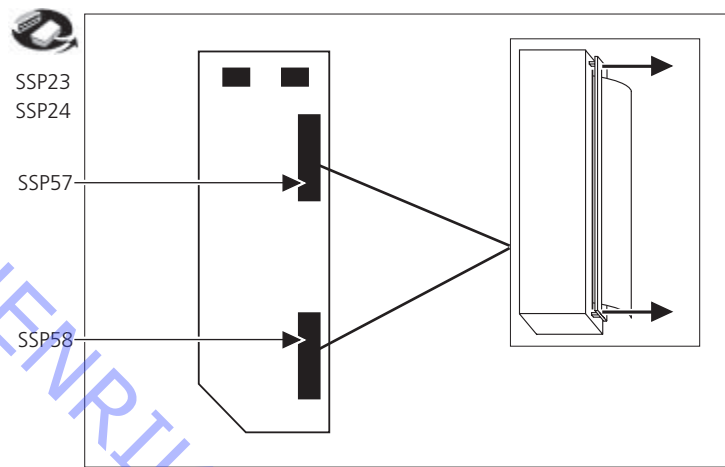


4.1 PDP in service position

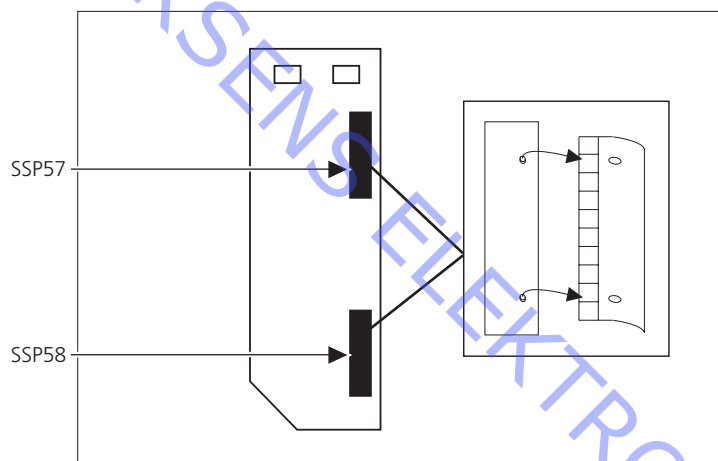
- Placement of PCB SS3



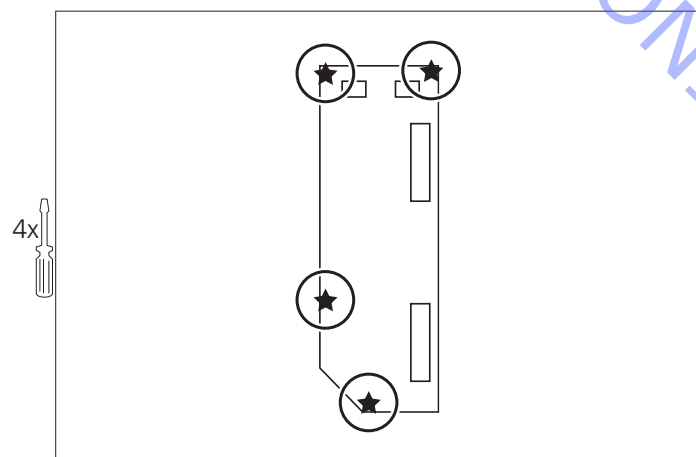
- Open plugs as shown and remove plugs



- Remove plugs

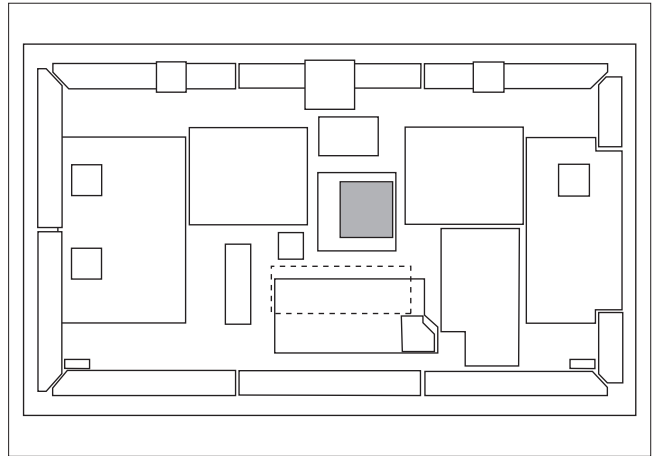


- Remove screws



4.1 PDP in service position

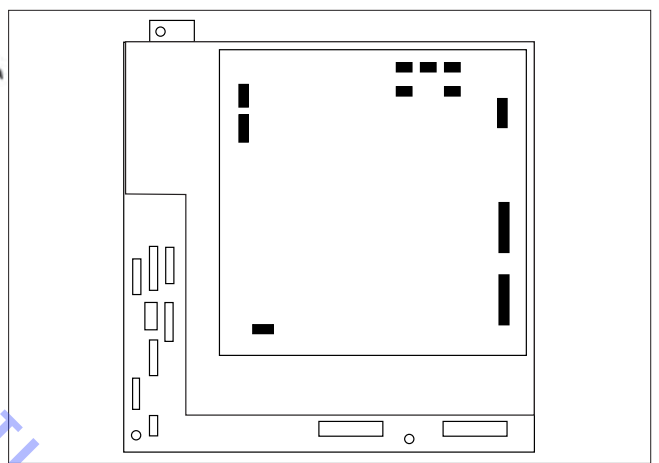
- Placement of PCB Z



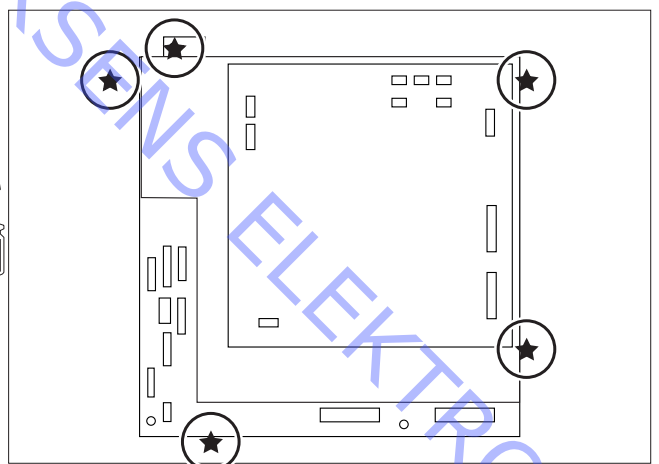
- Remove cables from PCB Z



- ZP05
- ZP06
- ZP07
- ZP08
- ZP09
- ZP10
- ZP30
- ZP31
- ZP32
- ZP33
- ZP34



- Remove screws and pull of PCB Z



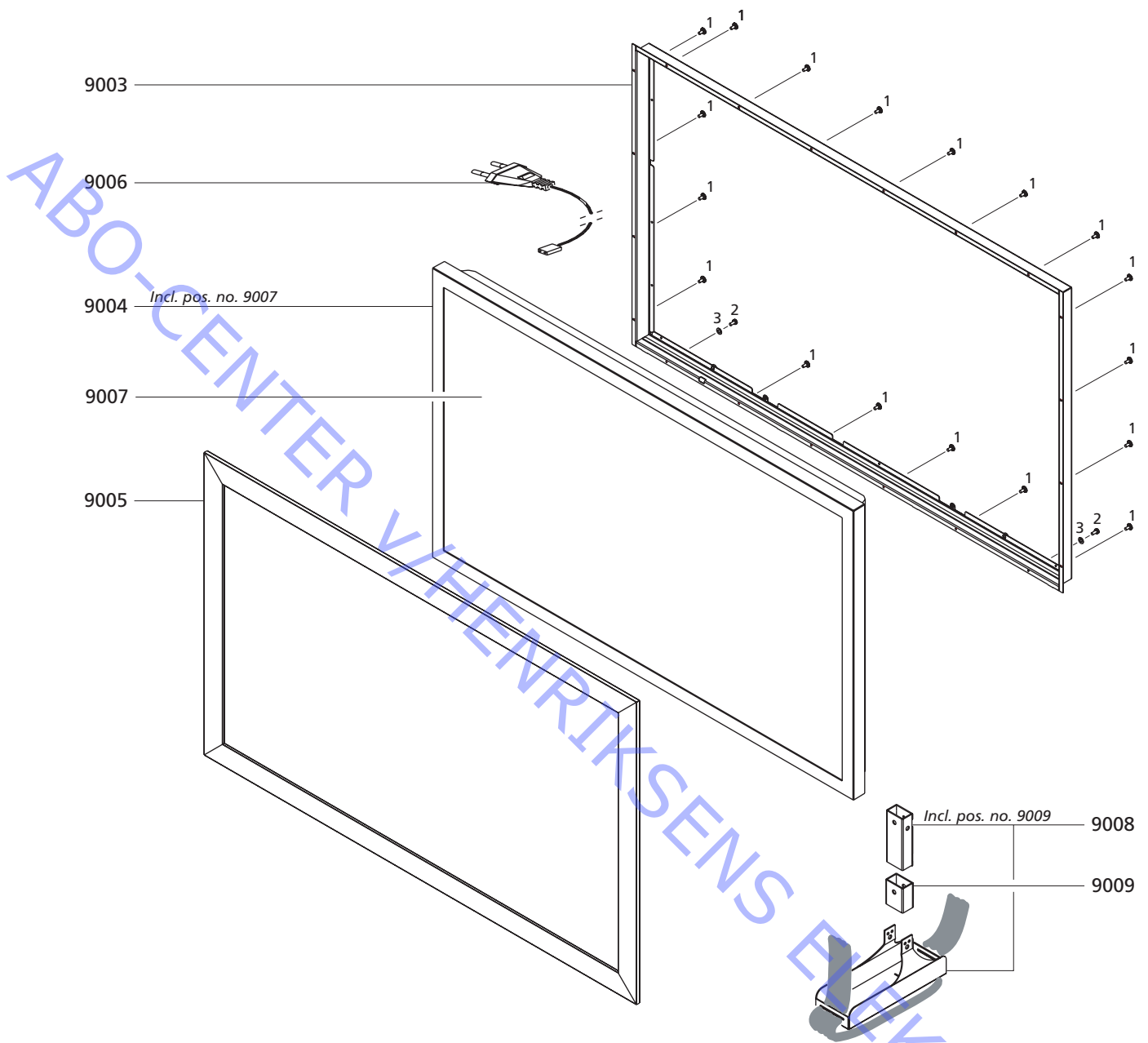
ABO-CENTER V/HENRIKSENS ELEKTRONIK

Specification guidelines for service use	Plasma Display Panel – 65HD, Type D7
Mains voltage	230V (198V – 264V) 50Hz, 120V (90V – 132V) 60Hz
Power consumption	Typical: 635W, standby 1.0W, power off: 0.3W
Dimensions without handles (W x H x D)	1554mm x 925mm x 99mm, 61.18in x 36.42in x 3.90in
Weight	81.0kg (178.6Lb)
Plasma display panel	AC type 16:9 aspect ratio
Brightness	300cd/m ²
Contrast ratio	3000:1
Viewing angle	160°
Active picture area (W x H)	65" 1434mm x 806mm, 56.46in x 31.73in
Pixel count	1,049,088 pixels (1366 x 768 x R, G, B)
Operations condition	
Temperature	0°C - 40°C, 32°F - 104°F
Humidity	20% - 80%
Max. altitude	760 hPa or above
Connections	
PC In (D-SUB 15 pin)	
R/G/B	0.7V-pp 75 Ohm
HD/VD	1.0 – 5.0 V-pp high impedance
Horizontal scanning frequency	15 – 110 KHz
Vertical scanning frequency	48 – 120Hz
Serial (D-SUB 9 pin)	RS-232C

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ABO-CENTER V/HENRIKSENS ELEKTRONIK

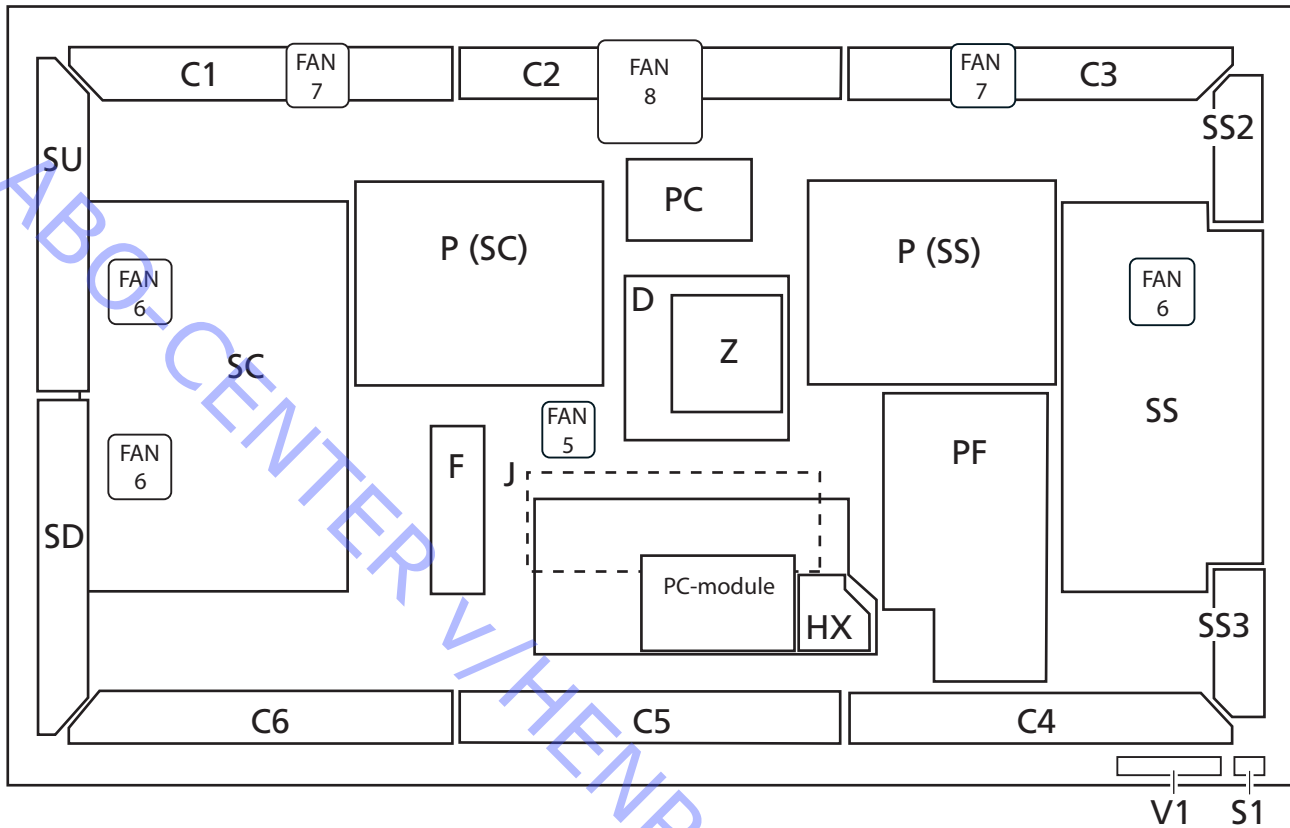
BeoVision 4 – 65



9003	3151864	Iron frame
9004	8200066	Plasma screen, complete
9005	3320851	Aluminium frame, silver
	3320853	Aluminium frame, black
	3320852	Aluminium frame, dark grey
9006	6100036	Mains cable, DK
	6100026	Mains cable, EU
	6100028	Mains cable, I
	6100029	Mains cable, CH
	6100035	Mains cable, UK
	6100033	Mains cable, AUS
	6100052	Mains cable, US
9007	3451286	Contrast screen
9008	3375448	Service stand, incl. pos. no. 9009
9009	3375449	Distant tube

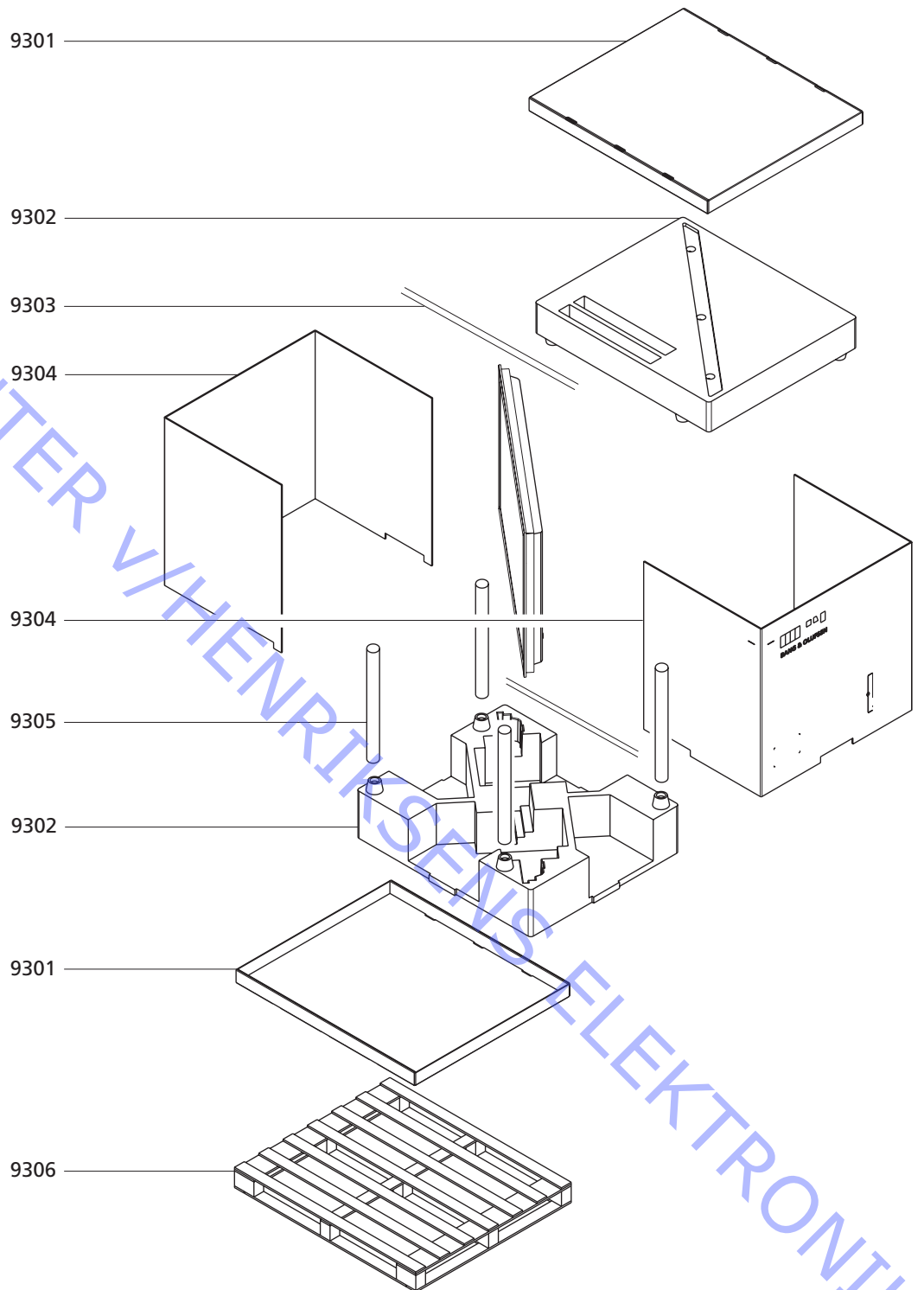
1	2054045	Screw 3.5 x 8mm
2	2054045	Screw 3.5 x 8mm
3	2625039	Washer

Survey of modules - Plasma Display Panel



C1	8002320	PC Board C1
C2	8002321	PC Board C2
C3	8002327	PC Board C3
C4	8002328	PC Board C4
C5	8002329	PC Board C5
C6	8002330	PC Board C6
D	8003021	PC Board D
F	8002229	PC Board F
HX	8002228	PC Board HX
J	8002215	PC Board J
PC	8002317	PC Board PC
PF	8002270	PC Board PF
P(SC)	8003020	PC Board P(SC)
P(SS)	8003019	PC Board P(SS)
SC	8003022	PC Board SC
SD	8002333	PC Board SD
SS	8003024	PC Board SS
SS2	8002308	PC Board SS2
SS3	8002310	PC Board SS3
SU	8002335	PC Board SU
S1	8002226	PC Board S1
V1	8002336	PC Board V1
Z	8002236	PC Board Z
	8001386	PC Board TY-42TM6P, PC-module
FAN5	8002340	Fan, small
FAN6	8002338	Fan (SC/SS)
FAN7	8002337	Fan
FAN8	8002346	Fan, big
F900	6600035	Fuse 250V 8A
F901	6600035	Fuse 250V 8A
F902	6600034	Fuse

Packing



9301	3392406	Outer box, top/bottom
9302	3396299	Set of foam, top and bottom
9303	3917105	Foam foil
9304	3392407	Outer box, side
9305	3392200	Distance pipe
9306	3392419	Pallet
	3375424	Tip and tell

Accessories

6270099 RGB/RS 232 cable, 5m black
6270115 RGB/RS 232 cable, 10m black
6270116 RGB/RS 232 cable, 15m black
6270117 RGB/RS 232 cable, 20m black

Back-up suitcase

3395264 Back-up suitcase

Parts not shown

3375447 Product cover
8053466 Special remote control
3375706 Micro fibre cloth
3390436 Bag w/wall bracket f/IR sensor
3390519 Bag w/rear plate f/IR sensor
6270758 Wire f/IR sensor, 5m
8089110 IR sensor

Available documentation

See Retail System

Wall bracket 1405866

3507704 Guide
3160353 Side cover
2622034 Insulating spacer
2622035 Washer
2013028 Bolt
2030001 Screw M5
2622033 Blind hold set
3040006 Allen key
3392533 Packing, complete

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Bang & Olufsen
DK-7600 Struer
Denmark

Phone +45 96 84 11 22*
Fax +45 97 85 39 11

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