

Service
Service
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GR2.3

94.01

Service Information

(GB)

On the following pages circuit diagrams A to E for the most recent modifications can be found.
Corrections to GR2.3 Chassis manual:

Page 2: Chapter 2:
pin 8 of the EXT1 and pin 8 of EXT3:
(0V-2V: internal, 6V: 16/9, 9.5V-12V: 4/3)

Page 26:
1.10 Adjust the green value ("G/AMP") to 50, blue ("B/AMP") to 45 and red ("R/AMP") to 57.

(D)

Auf den folgenden Seiten finden Sie die Diagramme A bis E mit den letzten Änderungen.
Korrekturen zur GR2.3 Chassis-Anleitung:

Seite 2: Kapitel 2
Pin 8 von EXT1 und Pin 8 von EXT3:
(0V-2V: intern, 6V: 16/9, 9,5V-12V:4/3)

Seite 26:
1.10 Regulieren Sie den Wert von Grün ("G/AMP") auf 50, von Blau ("B/AMP") auf 45 und Rot ("R/AMP") auf 57.

(I)

Alla pagina seguente si trovano gli schemi da A ad E compreso secondo le ultime modifiche.
Correzioni sul manuale dello Chassis GR2.3:

Pagina 2: al capitolo 2
piedino 8 del EXT1 e piedino 8 del EXT3:
(0V-2V: interno, 6V: 16/9, 9,5V-12V: 4/3)

Pagina 26:
1.10 Regolate il valore del verde ("G/AMP") su 50, quello del blu ("B/AMP") su 45 e quello del rosso ("R/AMP") su 57.

(NL)

Op de volgende blz. zijn de schema's A t/m E te vinden volgens de laatste wijzigingen.
Correcties op GR2.3 Chassis manual:

Blz. 2: onder Hfst.2
pen 8 van de EXT1 en pen 8 van EXT3:
(0V-2V: intern, 6V: 16/9, 9,5V-12V: 4/3)

Blz. 26:
1.10. Regel de waarde van groen ("G/AMP") af op 50, en van blauw ("B/AMP") op 45 af, en rood ("R/AMP") op 57.

(F)

Dans les pages suivantes, figurent les schémas A à E conformément aux dernières modifications.
Corrections sur le manuel du Châssis GR2.3

Page 2: chapitre 2.
broche 8 de EXT1 et broche 8 de EXT3:
(0V-2V: interne, 6V: 16/9, 9,5V-12V: 4/3)

Page 26:
1.10. Régler la valeur du vert ("G/AMP") sur 50, du bleu ("B/AMP") sur 45 et du rouge ("R/AMP") sur 57.

(E)

En las páginas siguientes figuran los esquemas A hasta E inclusive, conforme a las últimas modificaciones.
Correcciones en el manual del chasis GR2.3:

Página 2: capítulo 2
clavija 8 del EXT1 y clavija 8 del EXT3:
(0V-2V: interno, 6V: 16/9, 9,5V-12V: 4/3)

Página 26:
1.10. Regular el valor del verde ("G/AMP") en 50, del azul ("B/AMP") en 45 y del rojo ("R/AMP") en 57.

F

Réglages en mode 16/9

Après changement de l'EEPROM (IC 7515) et/ou du microprocesseur (IC 7516) au niveau de la platine TXT (U1003) ou de l'ensemble de la platine TXT, il est nécessaire de procéder de nouveau à des réglages en mode 16/9. Utilisez un cercle d'essai (signal antenne) ou une mire de convergence (générateur vidéo). Mettre l'appareil en mode d'entretien/réparations (voir service manual GR2.3 AA page 28). Maintenant les réglages sont les suivants:

Sélectionner E (mode 16/9)

1. Hauteur de l'image

Sélectionner A (height, hauteur), régler l'image à l'aide de la touche de menu +/- de manière que le haut et le bas touchent exactement le masque. Ensuite, centrer l'image au moyen de R3516.

2. Largeur de l'image

- A Sélectionner B (width, largeur), régler l'image à l'aide de la touche de menu +/- de manière que l'image reste en dehors du masque de 7 cm aussi bien à gauche qu'à droite.
- B Sélectionner C (parab four/three, parabole quatre/trois), régler à l'aide de la touche de menu +/- de façon que les lignes verticales soient droites.
- C Répéter l'opération A si cela s'avère nécessaire!

3. Zoom maximal

Sélectionner D (zoom maximal), régler à l'aide de +/- (zoom) de façon que l'image touche exactement les bords du masque. Puis centrer l'image au moyen de R3641.

4. Réglage est/ouest en position 16/9.

Sélectionner E (parab six/nine, parabole seize/neuf), régler à l'aide de la touche de menu +/- de façon que les lignes verticales soient droites.
Mettre ensuite en position de veille ("stand-by").

E

Regulaciones en el modo 16/9.

Después de haber sustituido el EEPROM (IC 7515) y/o microprocesador (IC 7516) en el panel TXT (U1003) o el panel TXT completo, es necesario ajustar de nuevo las regulaciones 16/9. Utilizar un círculo de ensayo (señal de antena) o un modelo de convergencia (generador vídeo). Poner el aparato en el modo de servicio (véase service manual GR2.3 AA pág. 28). Ahora las regulaciones son las siguientes:

Seleccionar E (modo 16/9)

1. Altura de imagen

Seleccionar A (height, altura), ajustar con la tecla de menú +/- la imagen de manera tal que el lado superior e inferior toquen justamente la máscara. Ahora centrar la imagen con R3516.

2. Anchura de imagen

- A Seleccionar B (width, anchura), ajustar con la tecla de menú +/- la imagen de manera tal que la imagen, tanto al lado izquierdo como al lado derecho, quede a una distancia de 7 cm de la máscara.
- B Seleccionar C (parab four/three, cuatro/tres), ajustar con la tecla de menú +/- tanto que las líneas verticales sean rectas
- C ¡Repetir A si fuese necesario!

3. Zoom máximo

Seleccionar D (max.zoom, zoom máximo), ajustar con las teclas +/- (zoom) de manera tal que la imagen toque justamente los bordes de la máscara. Ahora centrar la imagen con R3641.

4. Regulación este/oeste en posición 16/9

Seleccionar E (parab six/nine, seis/nueve), ahora ajustar con la tecla de menú +/- de manera tal que las líneas verticales sean rectas.
Ahora poner en la posición de "standby".

I

Regolazioni nel modo 16/9

Dopo aver sostituito EEPROM (IC 7515) e/o il microprocessore (IC 7516) sul pannello TXT (U1003) o il pannello TXT completo, è necessario effettuare nuovamente le regolazioni 16/9. Usate un circolo di collaudo (segnale dell'antenna) o un modello di convergenza (generatore video). Mettete l'apparecchio in modo di servizio (si veda il service manual GR2.3 AA pagina 28). Le regolazioni sono le seguenti:

Selezionate E (modo 16/9)

1. Altezza dell'immagine

Selezionate A (height, altezza), con i tasti del menu +/- regolate l'immagine di modo che la parte superiore e quella inferiore tocchino in modo preciso la maschera. Centrate ora l'immagine con R3516.

2. Larghezza dell'immagine

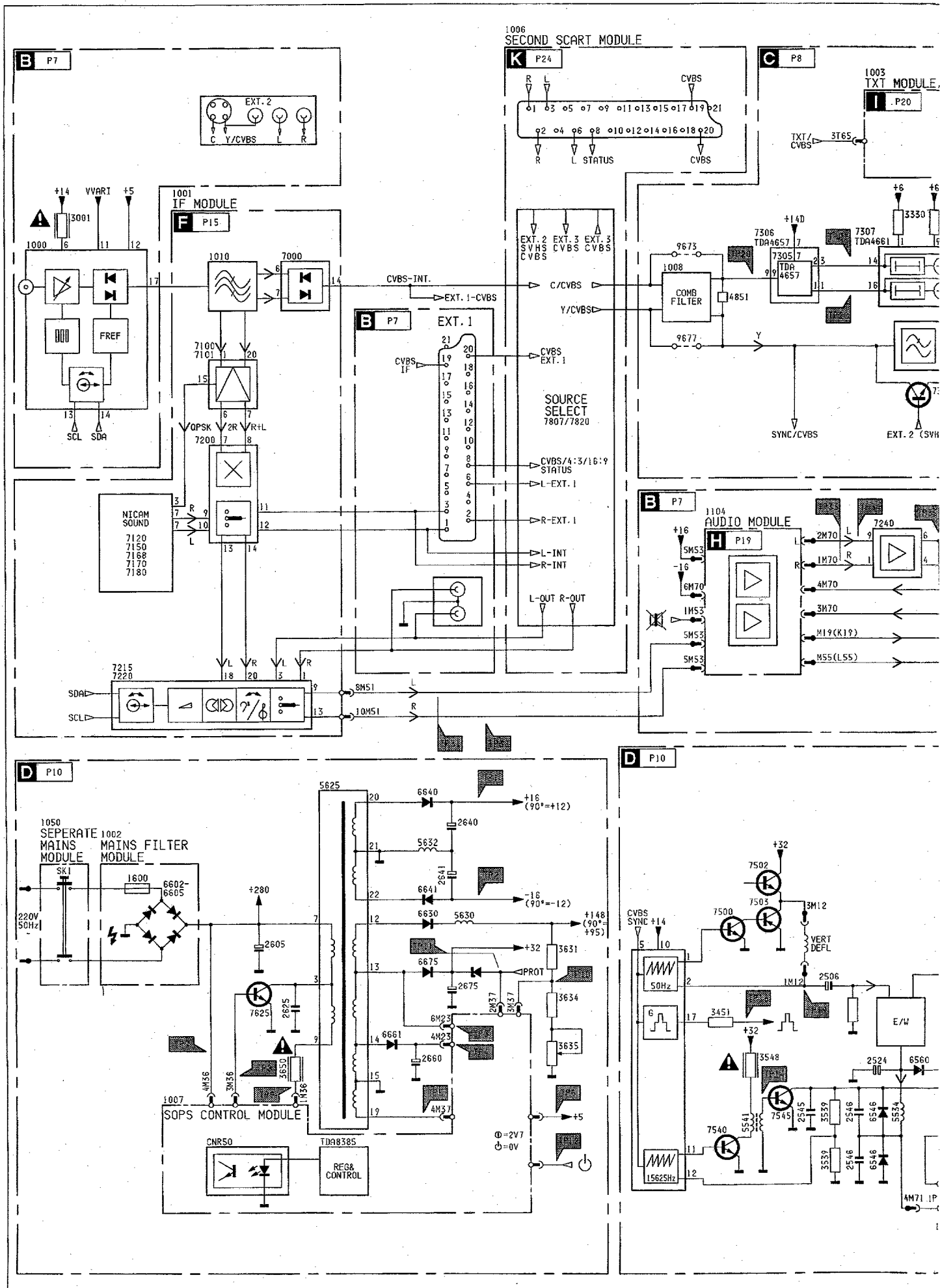
- A selezionate B (width, larghezza), con i tasti del menu +/- regolate l'immagine di modo che la parte sinistra e quella destra siano lontane di 7 cm dal bordo della maschera.
- B selezionate C (parab four/three, parab quattro/tre), con i tasti del menu +/- regolate l'immagine di modo che le linee verticali siano diritte.
- C Ripetete A se dovesse essere necessario!

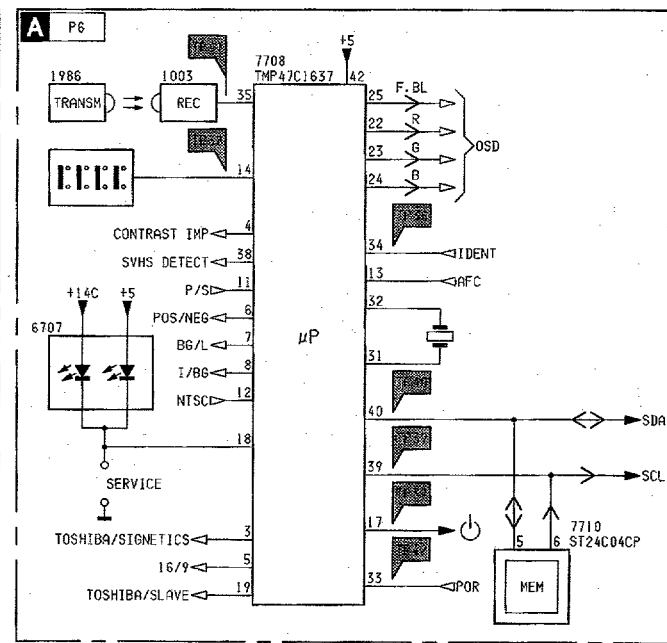
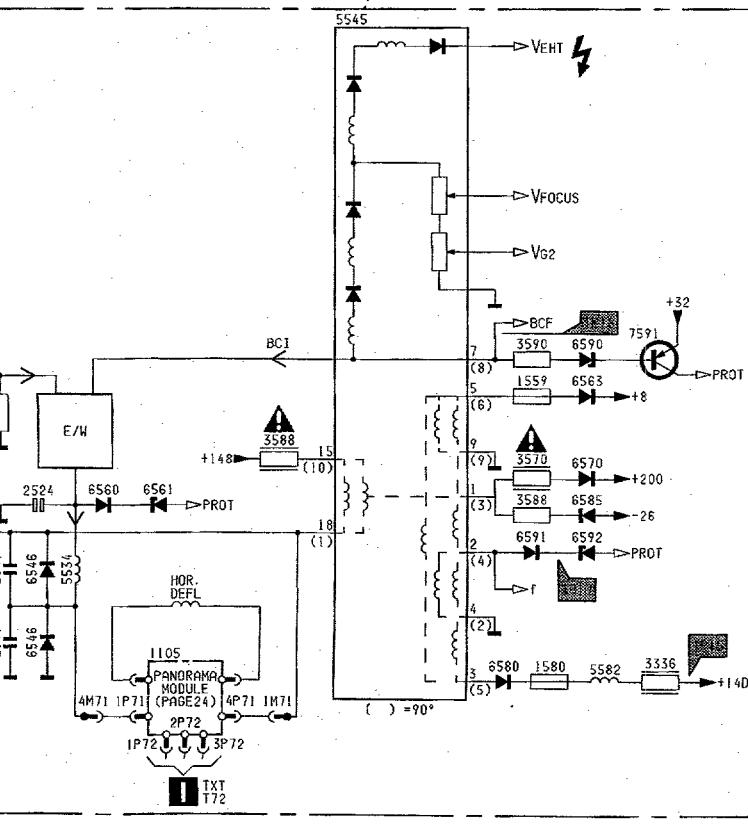
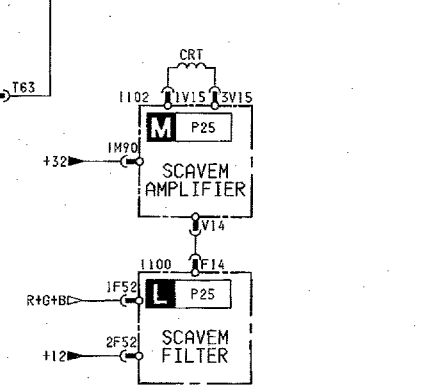
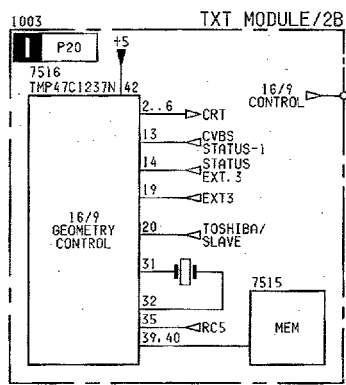
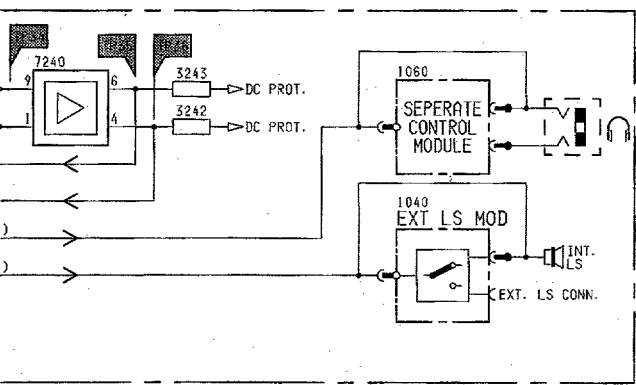
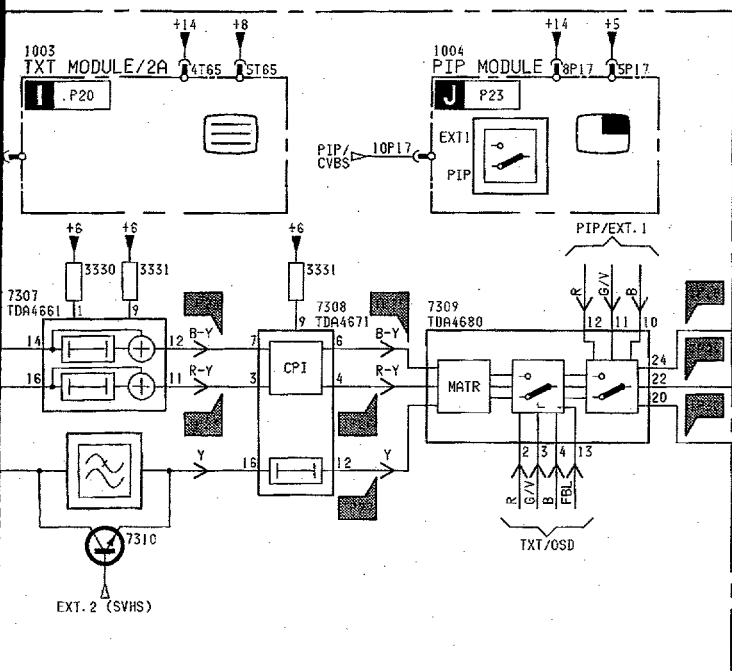
3. Messa a fuoco massima

Selezionate D (max. zoom, messa a fuoco massima), con i tasti del menu +/- regolate l'immagine di modo che questa tocchi esattamente i bordi della maschera. Centrate ora l'immagine con R3641.

4. Regolazione est/ovest nella posizione 16/9

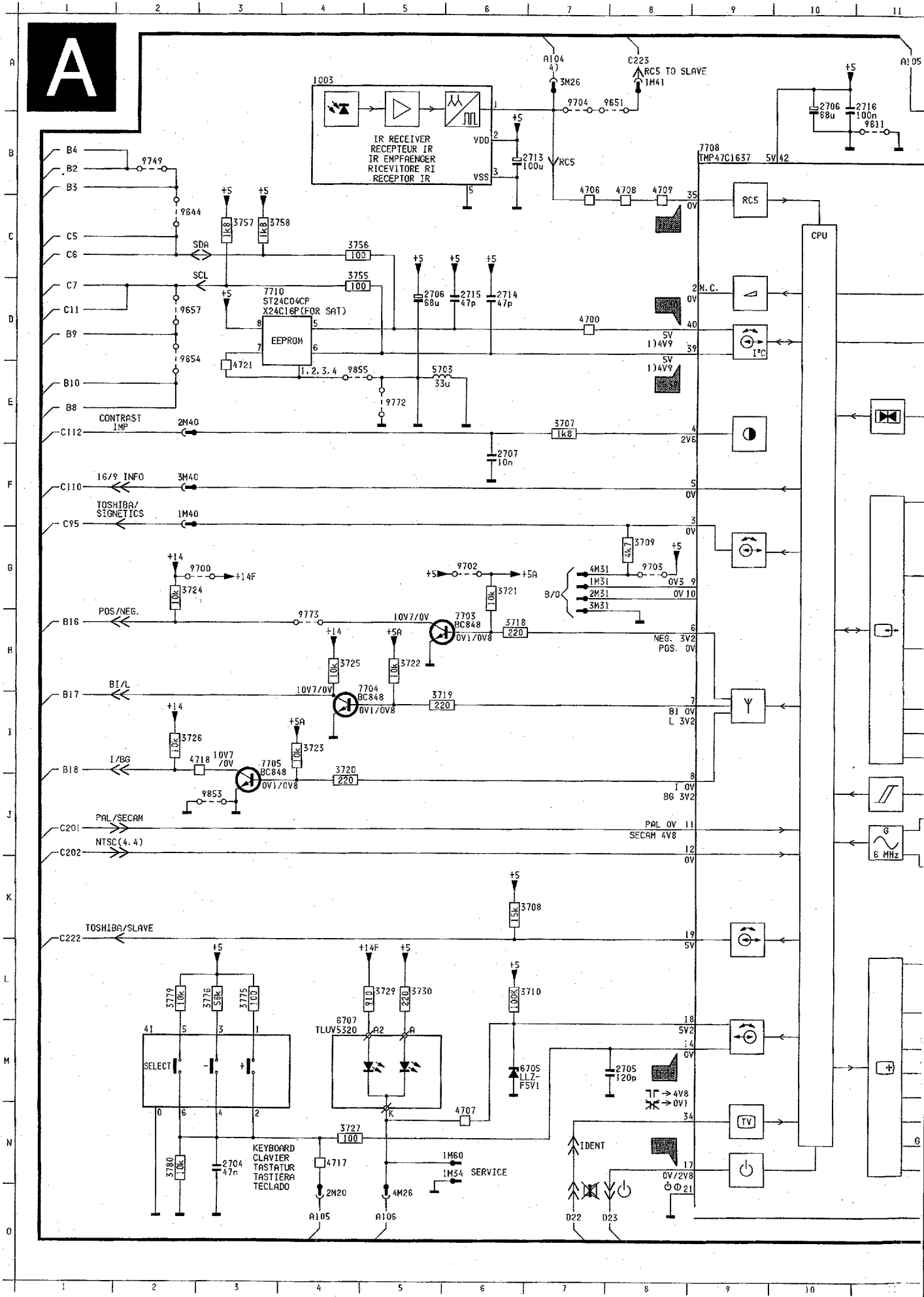
Selezionate E (parab six/nine, parab sei/nove), con i tasti del menu +/- regolate l'immagine di modo che le linee verticali siano diritte.
Mettete poi in posizione "stand-by".

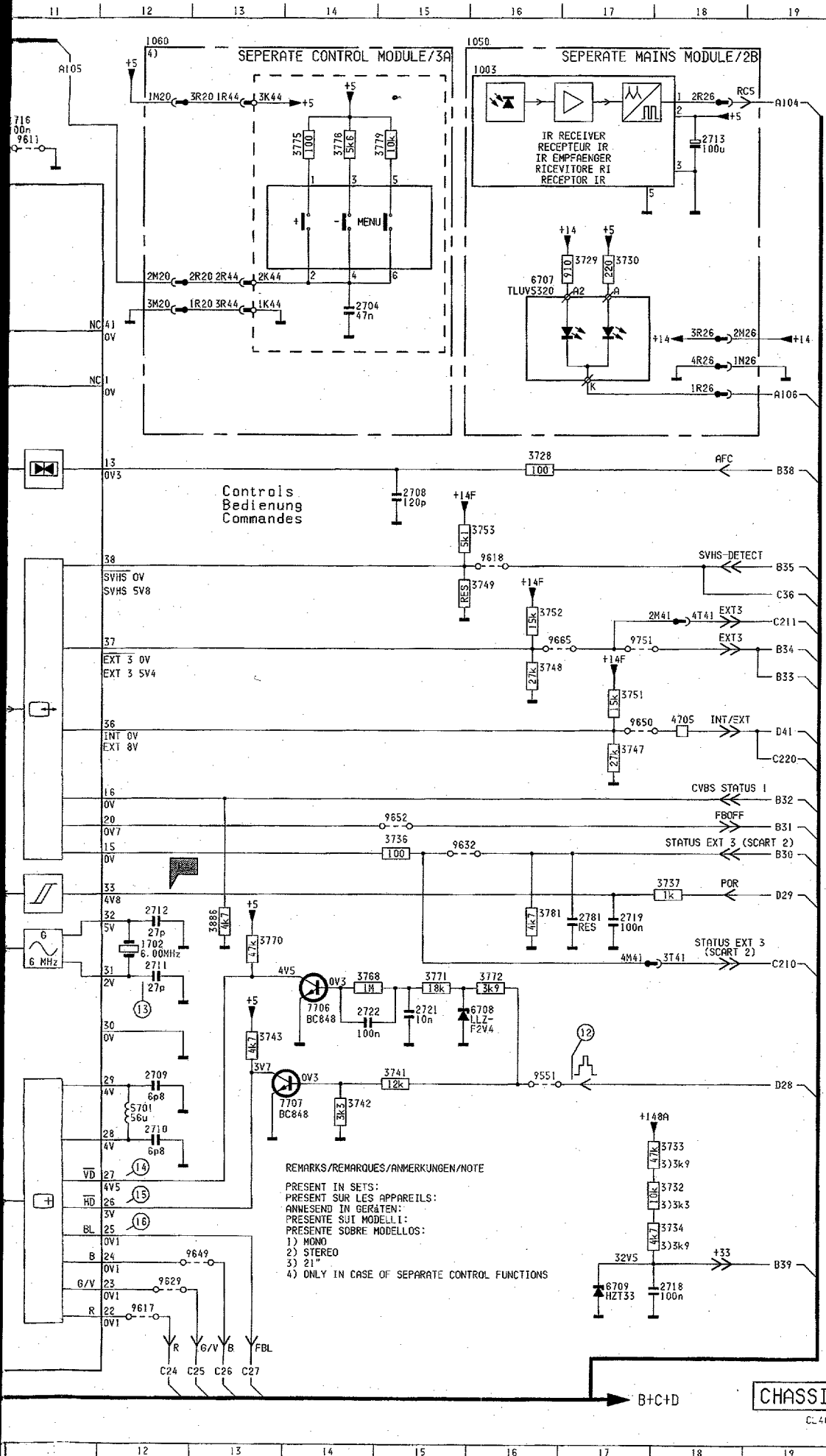




CHASSIS GR2.3

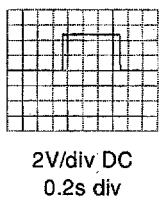
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210494



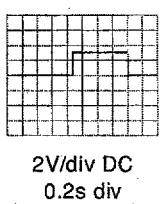


TP37a = DC 2V8
TP37b = DC 0V

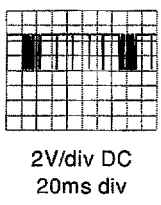
TP38a
control +



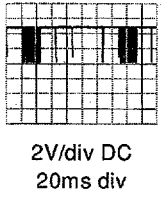
TP38b
control -



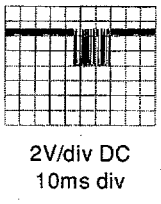
TP39



TP40



TP41
RC: volume +



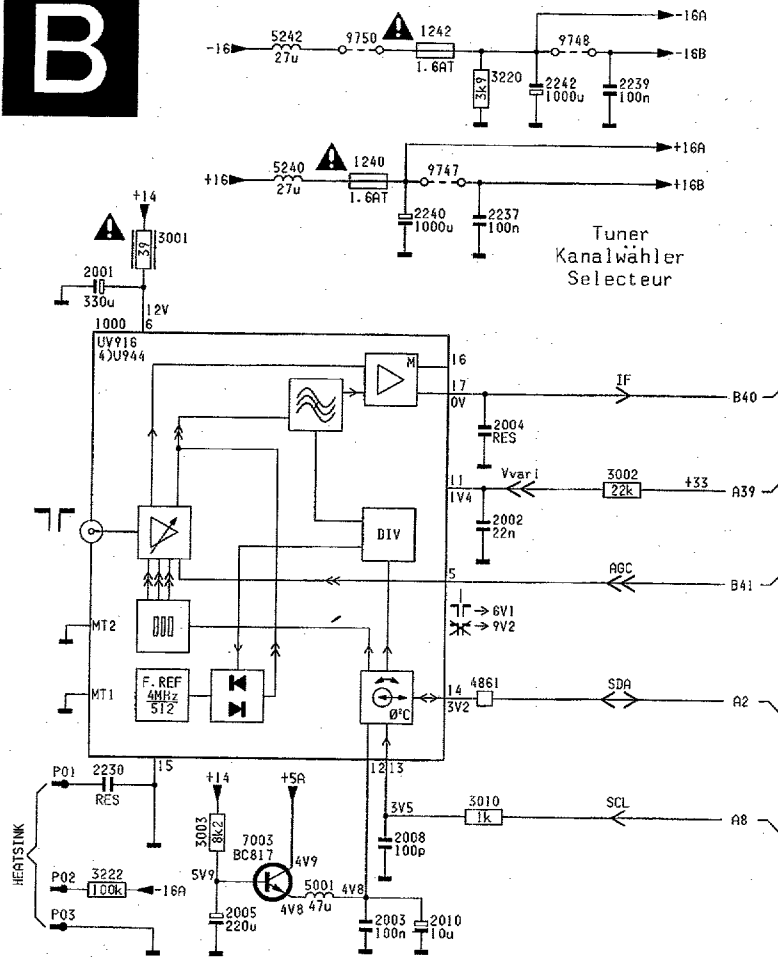
REMARKS/REMARQUES/ANMERKUNGEN/NOTE
PRESENT IN SETS:
PRESENT SUR LES APPAREILS:
ANWSEND IN GERÄTEN:
PRESENTI SUI MODELLI:
PRESENTE SOBRE MODELOS:
1) MONO
2) STEREO
3) 21"
4) ONLY IN CASE OF SEPERATE CONTROL FUNCTIONS

CHASSIS GR2.3

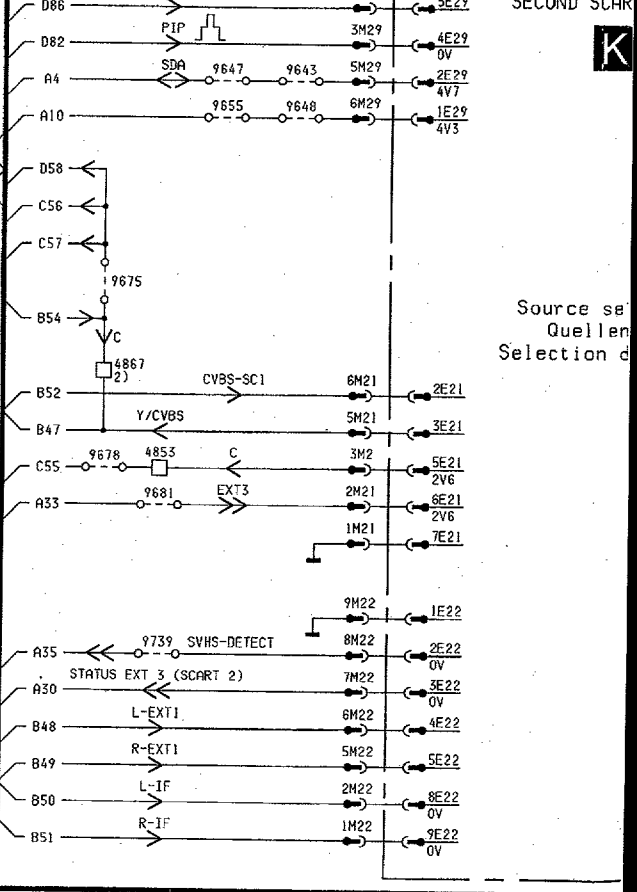
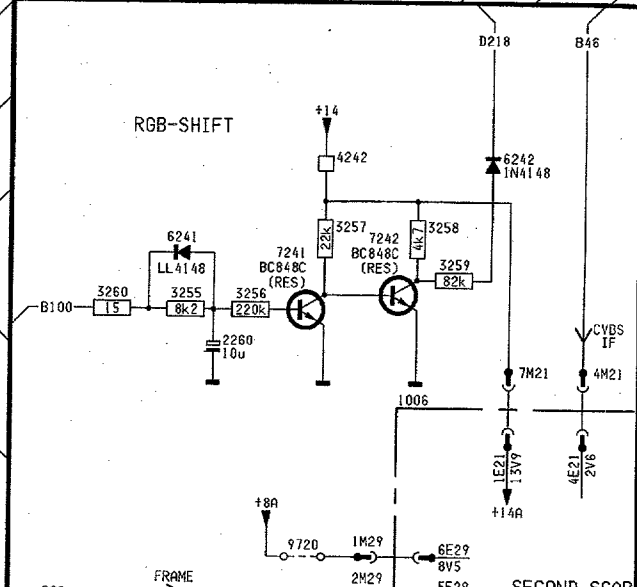
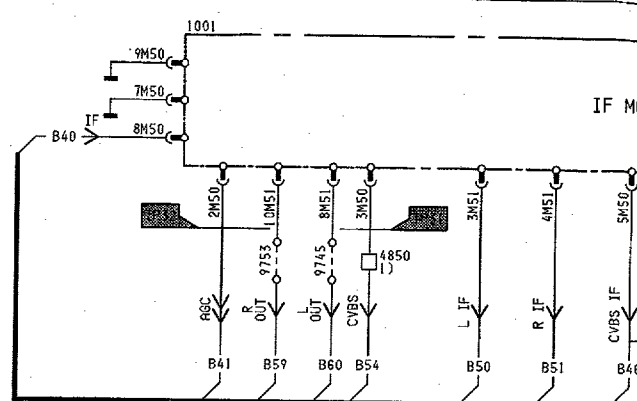
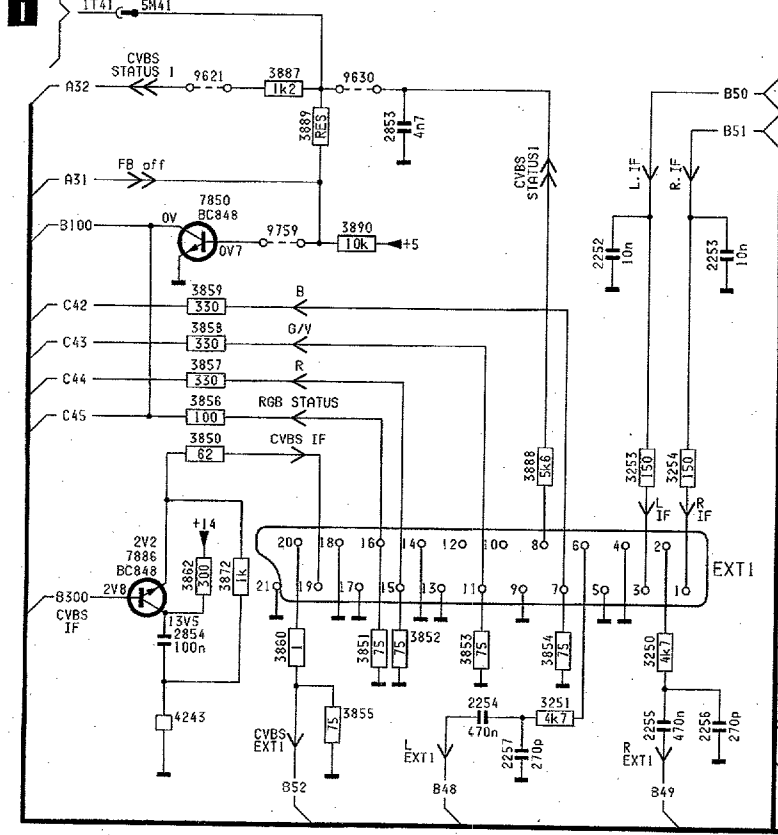
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| | | | |
|------|-----|------|-----|
| 1003 | A 4 | 9703 | G 8 |
| 1003 | A16 | 9704 | A 7 |
| 1050 | A15 | 9749 | B 2 |
| 1080 | A12 | 9751 | G17 |
| 1702 | J12 | 9772 | E 5 |
| 2704 | C14 | 9773 | H 4 |
| 2704 | N 3 | 9853 | J 3 |
| 2705 | M 8 | 9855 | E 4 |
| 2706 | A10 | | |
| 2706 | D 5 | | |
| 2707 | F 6 | | |
| 2708 | E15 | | |
| 2709 | L12 | | |
| 2710 | L12 | | |
| 2711 | K12 | | |
| 2712 | J12 | | |
| 2713 | B 6 | | |
| 2713 | B18 | | |
| 2714 | D 6 | | |
| 2715 | D 6 | | |
| 2716 | A11 | | |
| 2718 | N18 | | |
| 2719 | J17 | | |
| 2721 | K15 | | |
| 2722 | K14 | | |
| 2781 | J17 | | |
| 3707 | E 7 | | |
| 3708 | K 6 | | |
| 3709 | G 8 | | |
| 3710 | L 6 | | |
| 3718 | H 6 | | |
| 3719 | I 5 | | |
| 3720 | I 4 | | |
| 3721 | G 6 | | |
| 3722 | H 5 | | |
| 3723 | I 4 | | |
| 3724 | G 2 | | |
| 3725 | H 4 | | |
| 3726 | I 2 | | |
| 3727 | N 4 | | |
| 3728 | E16 | | |
| 3729 | C17 | | |
| 3729 | L 5 | | |
| 3730 | C17 | | |
| 3730 | L 5 | | |
| 3732 | H18 | | |
| 3733 | L18 | | |
| 3734 | H18 | | |
| 3736 | I15 | | |
| 3737 | J18 | | |
| 3741 | L15 | | |
| 3742 | L14 | | |
| 3743 | K13 | | |
| 3747 | H17 | | |
| 3748 | G16 | | |
| 3749 | F16 | | |
| 3751 | H17 | | |
| 3752 | G16 | | |
| 3753 | F16 | | |
| 3755 | D 4 | | |
| 3756 | C 4 | | |
| 3757 | C 3 | | |
| 3758 | C 3 | | |
| 3768 | K14 | | |
| 3770 | J13 | | |
| 3771 | K15 | | |
| 3772 | K16 | | |
| 3775 | B14 | | |
| 3776 | L 3 | | |
| 3776 | L 3 | | |
| 3779 | B15 | | |
| 3779 | L 2 | | |
| 3780 | N 2 | | |
| 3781 | J16 | | |
| 3886 | J13 | | |
| 41 | M 2 | | |
| 4700 | D 7 | | |
| 4705 | H18 | | |
| 4706 | B 7 | | |
| 4707 | N 6 | | |
| 4708 | B 8 | | |
| 4709 | B 8 | | |
| 4717 | N 4 | | |
| 4718 | I 3 | | |
| 4721 | E 3 | | |
| 5701 | L12 | | |
| 5703 | E 5 | | |
| 6705 | M 6 | | |
| 6707 | C16 | | |
| 6707 | M 4 | | |
| 6708 | K16 | | |
| 6709 | N17 | | |
| 7703 | H 6 | | |
| 7704 | I 4 | | |
| 7705 | I 3 | | |
| 7706 | K14 | | |
| 7707 | L13 | | |
| 7708 | B 9 | | |
| 7710 | D 3 | | |
| 9551 | L16 | | |
| 9611 | B11 | | |
| 9617 | N12 | | |
| 9618 | F16 | | |
| 9629 | N12 | | |
| 9632 | I15 | | |
| 9644 | C 2 | | |
| 9649 | N13 | | |
| 9650 | H17 | | |
| 9651 | A 8 | | |
| 9652 | I15 | | |
| 9654 | D 2 | | |
| 9657 | D 2 | | |
| 9665 | G16 | | |
| 9700 | G 3 | | |
| 9702 | G 6 | | |

B

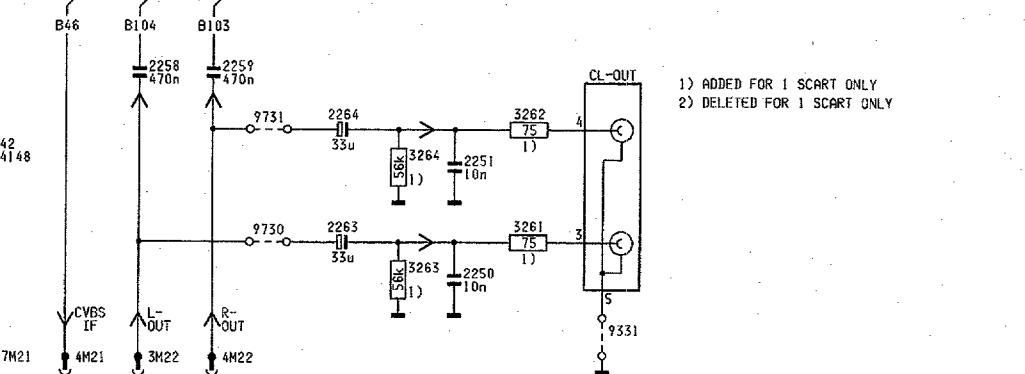
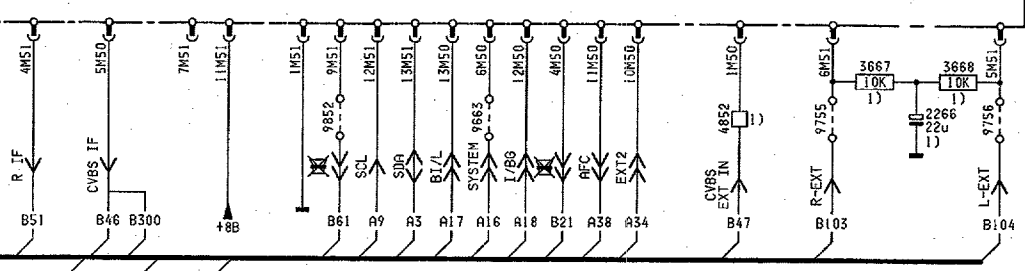


I

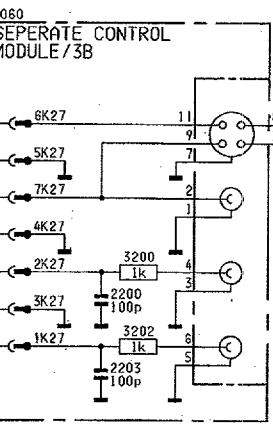
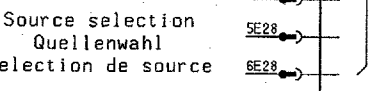
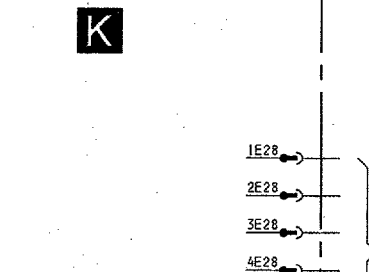
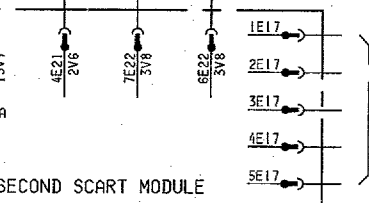


IF MODULE

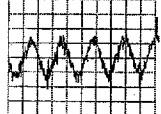
F : STEREO
G : NICAM



1) ADDED FOR 1 SCART ONLY
2) DELETED FOR 1 SCART ONLY

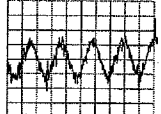


TP31



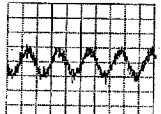
2mV/div AC
0.5ms/div

TP32



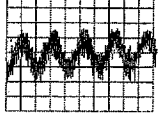
2mV/div AC
0.5ms/div

TP33



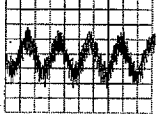
2mV/div AC
0.5ms/div

TP34



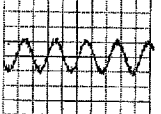
2mV/div AC
0.5ms/div

TP35

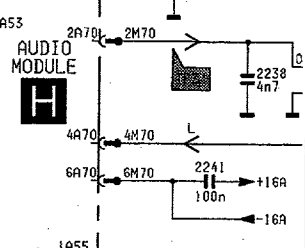
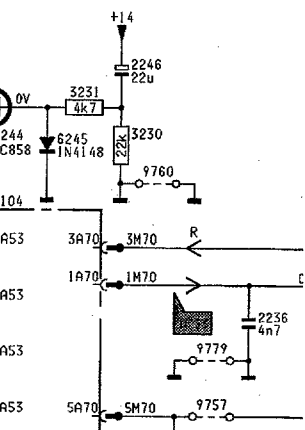


50mV/div AC
0.5ms/div

TP36



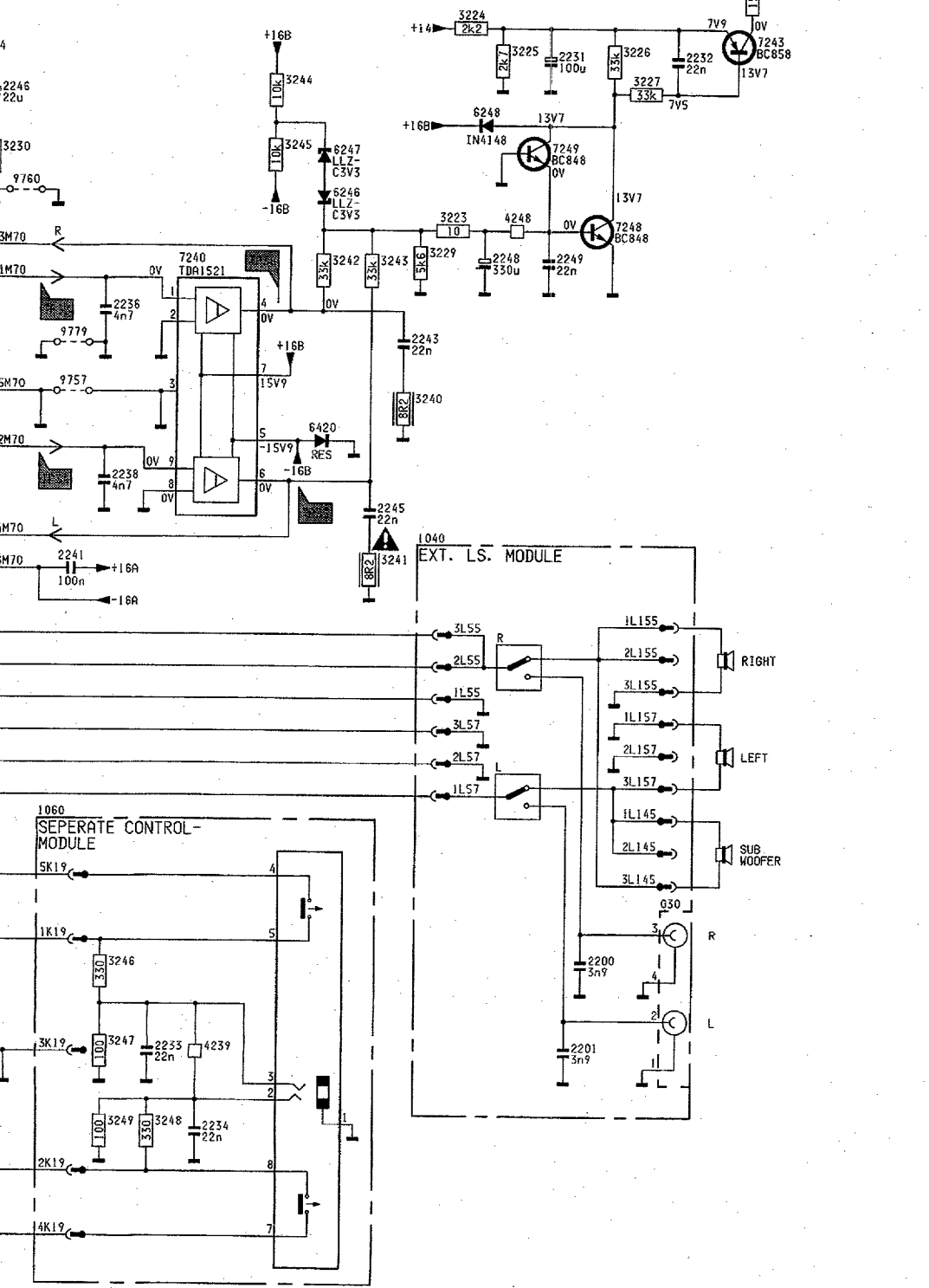
50mV/div AC
0.5ms/div



A+C+D



Audio amplification
Ton-verstärker
Amplification audio

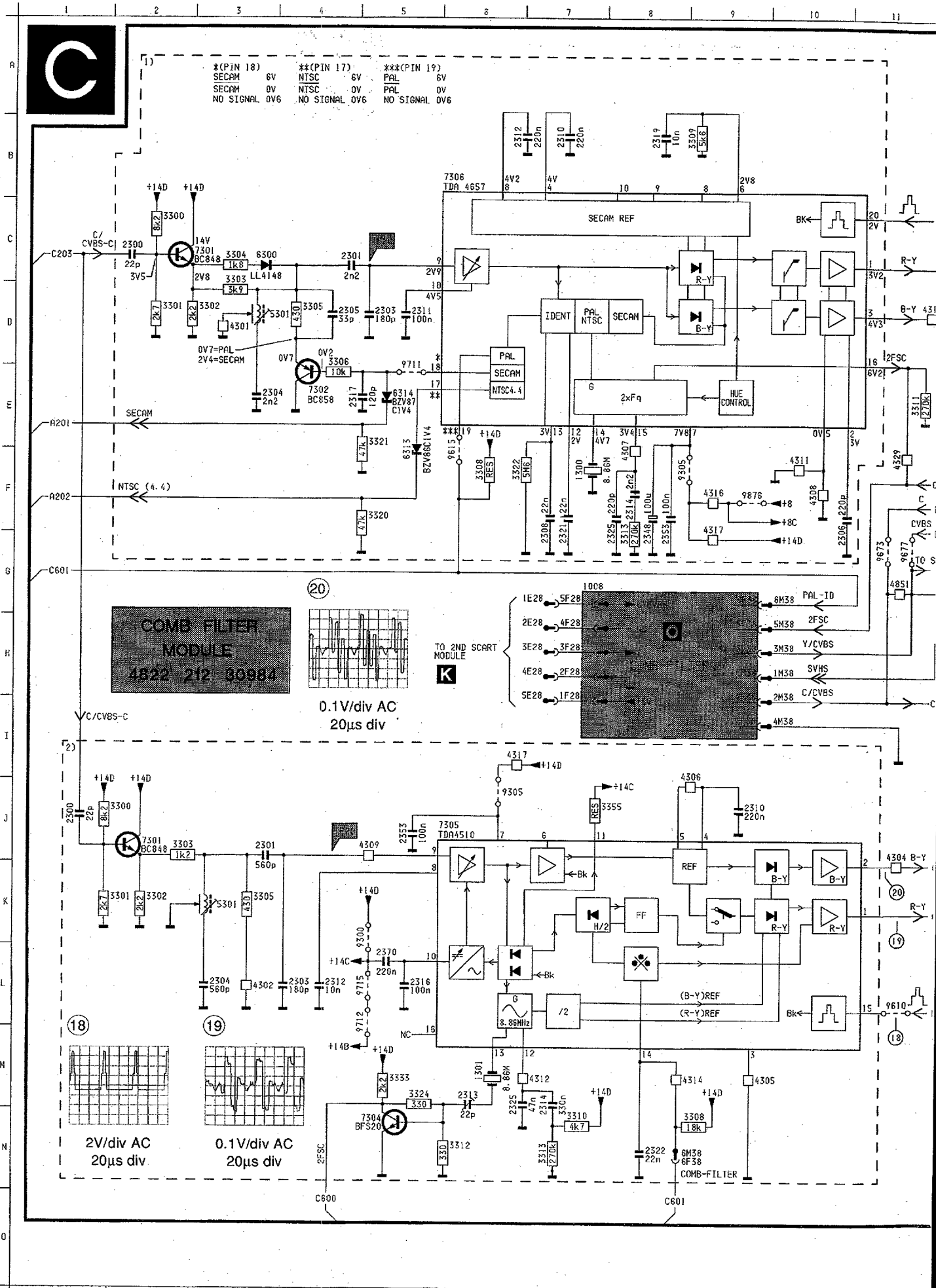


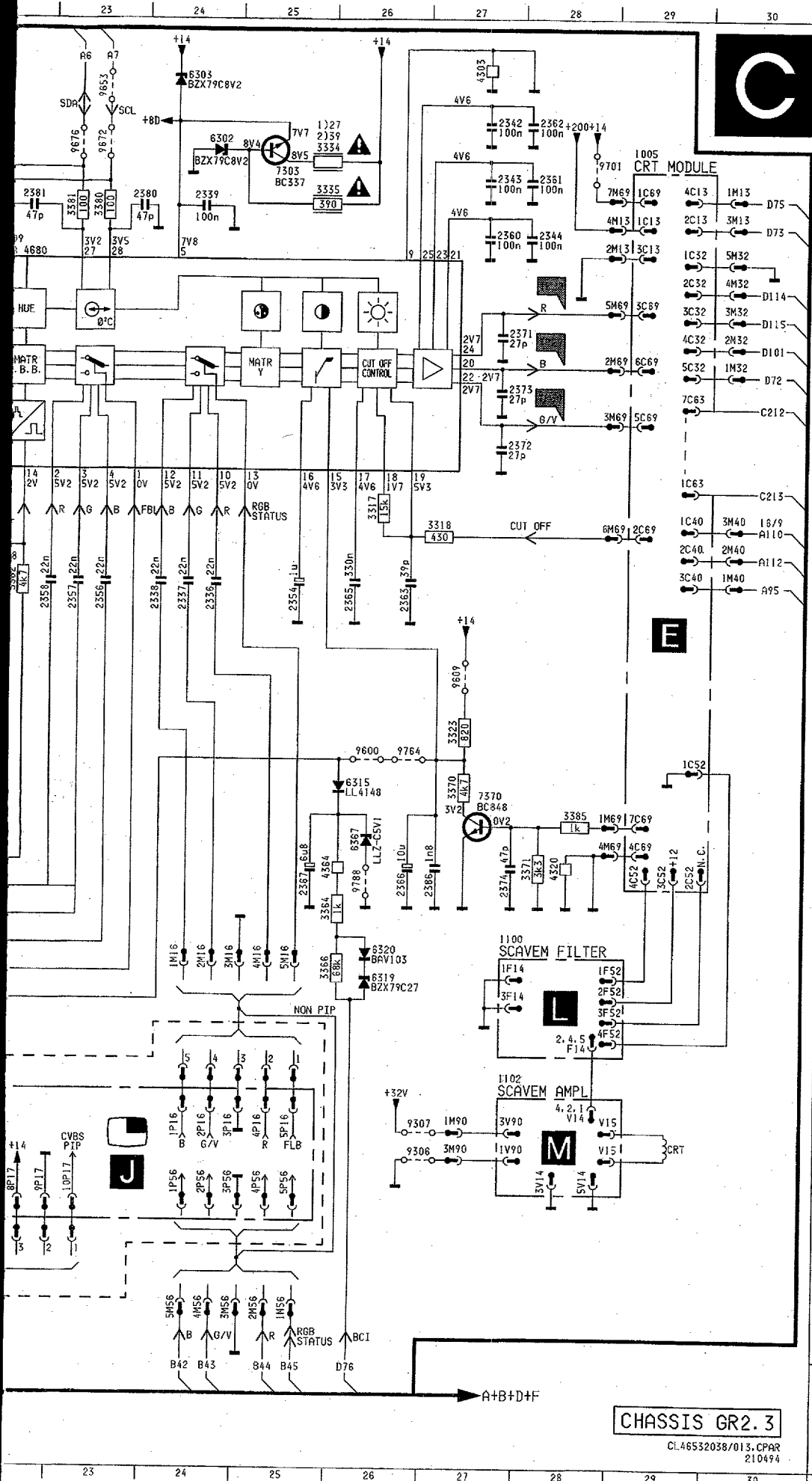
CHASSIS GR2.3

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210494

| | | | |
|------|-----|------|------|
| 1000 | C 1 | 4244 | D20 |
| 1001 | A 8 | 4248 | E27 |
| 1006 | G10 | 4850 | B10 |
| 1040 | H26 | 4852 | B17 |
| 1060 | J22 | 4853 | L 8 |
| 1060 | L14 | 4861 | F 4 |
| 1104 | E21 | 4867 | K 8 |
| 1240 | B 3 | 5001 | H 3 |
| 1242 | A 4 | 5240 | B 3 |
| 2001 | C 1 | 5242 | A 3 |
| 2002 | E 4 | 6241 | E 8 |
| 2003 | H 3 | 6242 | E11 |
| 2004 | D 4 | 6245 | D21 |
| 2005 | H 2 | 8246 | E25 |
| 2008 | G 4 | 6247 | D25 |
| 2010 | H 4 | 6248 | D26 |
| 2200 | L27 | 6420 | G25 |
| 2200 | N15 | 7003 | G 3 |
| 2201 | L27 | 7240 | E24 |
| 2203 | N15 | 7241 | F 10 |
| 2230 | O 1 | 7242 | E 9 |
| 2231 | C27 | 7243 | C29 |
| 2232 | C28 | 7244 | D21 |
| 2233 | L23 | 7248 | E28 |
| 2234 | M24 | 7249 | D27 |
| 2236 | F23 | 7850 | J 2 |
| 2237 | B 4 | 7886 | H 2 |
| 2238 | G23 | 9331 | F16 |
| 2239 | A 5 | 9621 | I 2 |
| 2240 | B 4 | 9650 | I 3 |
| 2241 | M23 | 9643 | I 9 |
| 2242 | A 5 | 9647 | I 9 |
| 2243 | F26 | 9648 | I 9 |
| 2245 | G25 | 9655 | I 9 |
| 2246 | D22 | 9663 | B15 |
| 2248 | E26 | 9671 | G20 |
| 2249 | E27 | 9675 | J 8 |
| 2250 | F14 | 9678 | L 8 |
| 2251 | E14 | 9681 | L 8 |
| 2252 | K 5 | 9684 | A29 |
| 2253 | K 6 | 9686 | B29 |
| 2254 | N 4 | 9687 | B29 |
| 2255 | N 6 | 9720 | H 9 |
| 2256 | N 6 | 9730 | E13 |
| 2257 | O 5 | 9731 | E13 |
| 2258 | D12 | 9739 | M 8 |
| 2259 | D13 | 9745 | B 9 |
| 2260 | F 8 | 9747 | B 4 |
| 2263 | E14 | 9748 | A 5 |
| 2264 | E14 | 9750 | A 3 |
| 2266 | B18 | 9753 | B 9 |
| 2853 | J 4 | 9755 | B17 |
| 2854 | N 2 | 9756 | B19 |
| 3001 | B 2 | 9757 | F23 |
| 3002 | D 5 | 9759 | K 3 |
| 3003 | G 2 | 9760 | D22 |
| 3010 | G 4 | 9779 | F23 |
| 3200 | N15 | 9852 | B13 |
| 3202 | N15 | | |
| 3220 | A 4 | | |
| 3222 | H 1 | | |
| 3223 | E26 | | |
| 3224 | C26 | | |
| 3225 | C27 | | |
| 3226 | C28 | | |
| 3227 | D28 | | |
| 3228 | C29 | | |
| 3229 | E26 | | |
| 3230 | D22 | | |
| 3231 | D22 | | |
| 3240 | F26 | | |
| 3241 | H25 | | |
| 3242 | E25 | | |
| 3243 | E25 | | |
| 3244 | C24 | | |
| 3245 | D24 | | |
| 3246 | L23 | | |
| 3247 | L23 | | |
| 3248 | M23 | | |
| 3249 | M23 | | |
| 3250 | N 6 | | |
| 3251 | N 5 | | |
| 3253 | L 6 | | |
| 3254 | L 6 | | |
| 3255 | F 8 | | |
| 3256 | F 9 | | |
| 3257 | E 9 | | |
| 3258 | E10 | | |
| 3259 | F10 | | |
| 3260 | F 8 | | |
| 3261 | E15 | | |
| 3262 | E15 | | |
| 3263 | F14 | | |
| 3264 | E14 | | |
| 3667 | B18 | | |
| 3668 | B18 | | |
| 3850 | L 2 | | |
| 3851 | N 3 | | |
| 3852 | N 4 | | |
| 3853 | N 4 | | |
| 3854 | N 5 | | |
| 3855 | N 3 | | |
| 3856 | L 2 | | |
| 3857 | L 2 | | |
| 3858 | K 2 | | |
| 3859 | K 2 | | |
| 3860 | N 3 | | |
| 3862 | M 2 | | |
| 3872 | M 2 | | |
| 3887 | I 3 | | |
| 3888 | L 5 | | |
| 3889 | J 3 | | |
| 3890 | J 3 | | |
| 4239 | L24 | | |
| 4242 | E 9 | | |
| 4243 | N 2 | | |

Video processing/Video Verarbeitung/Traitement video



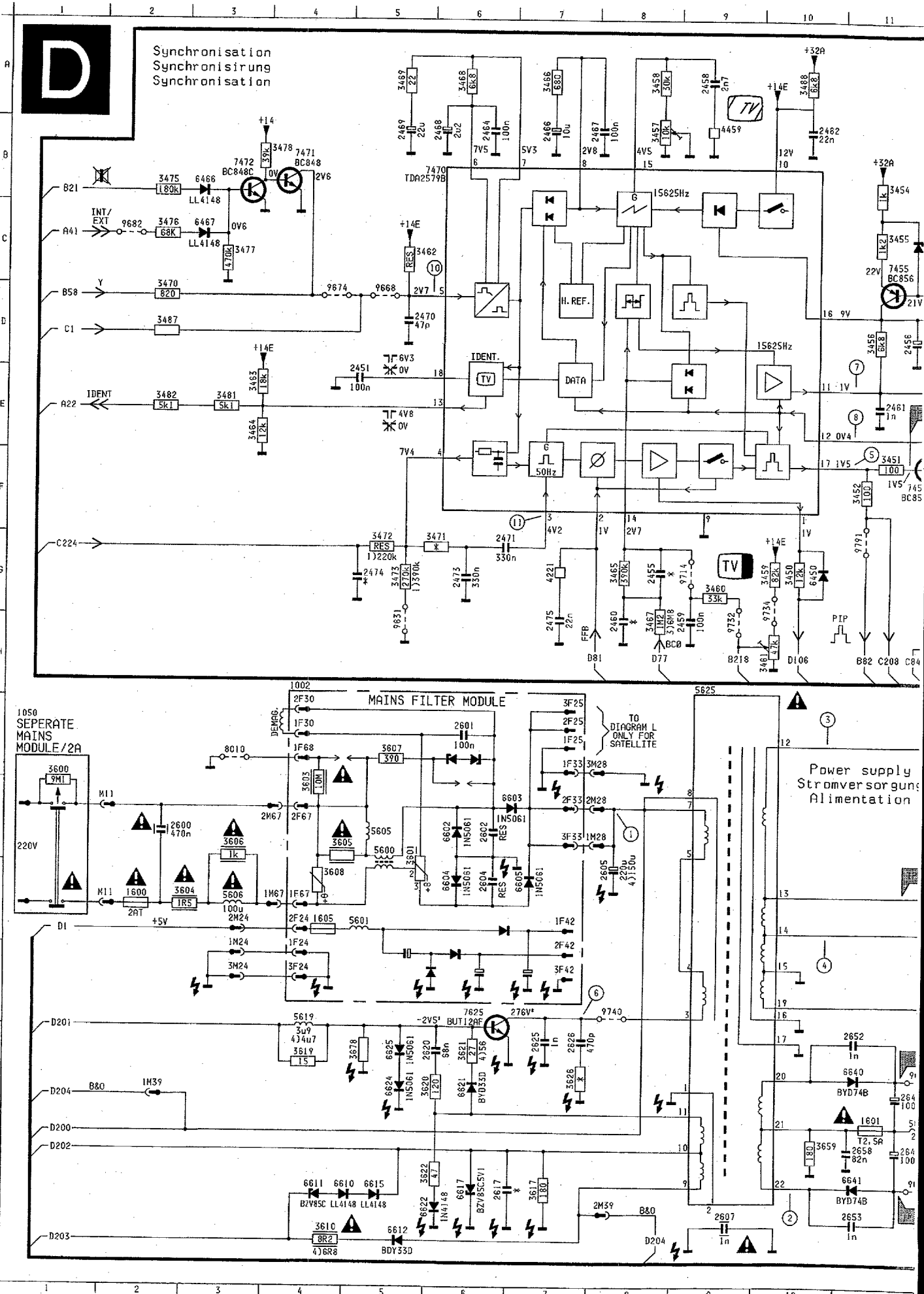


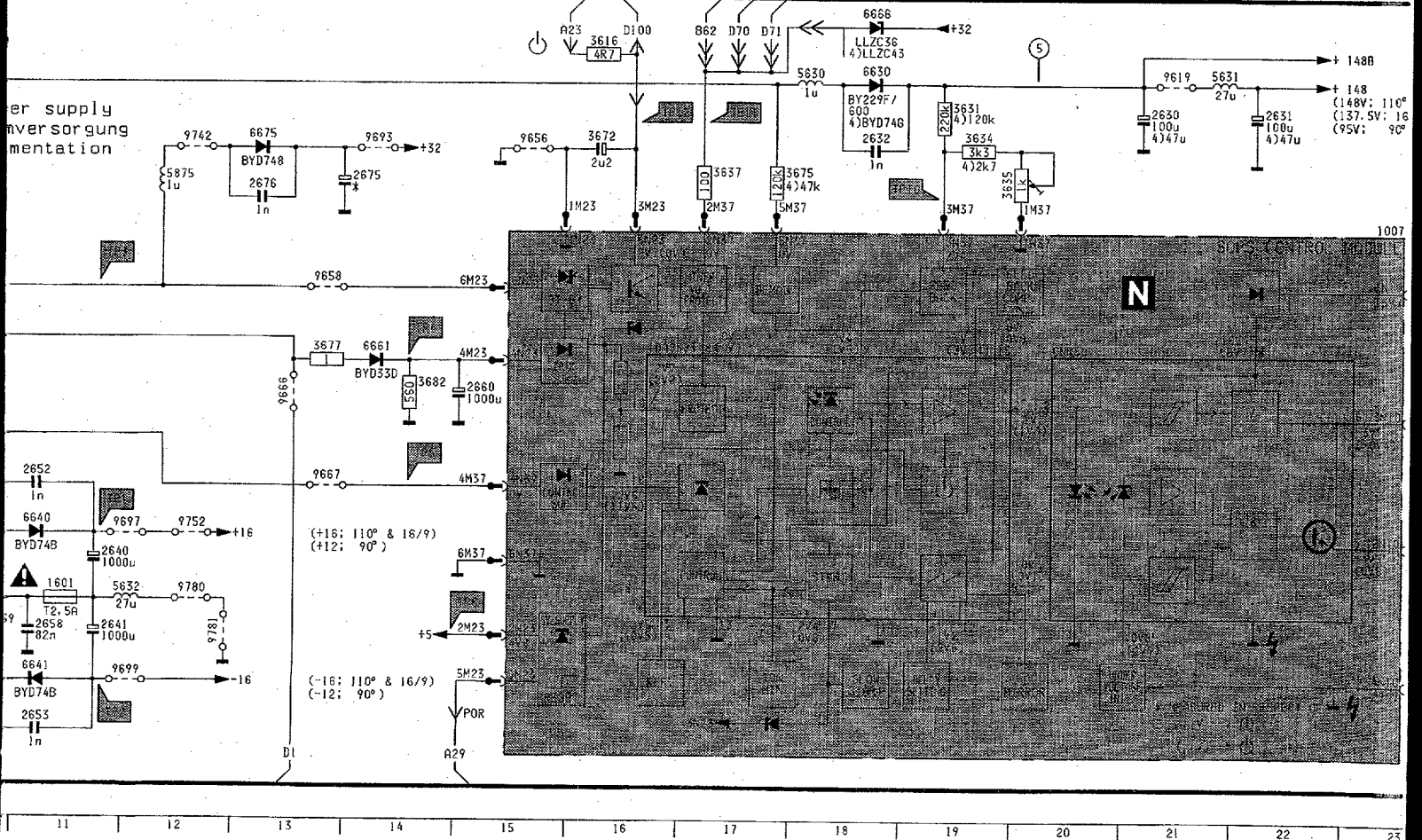
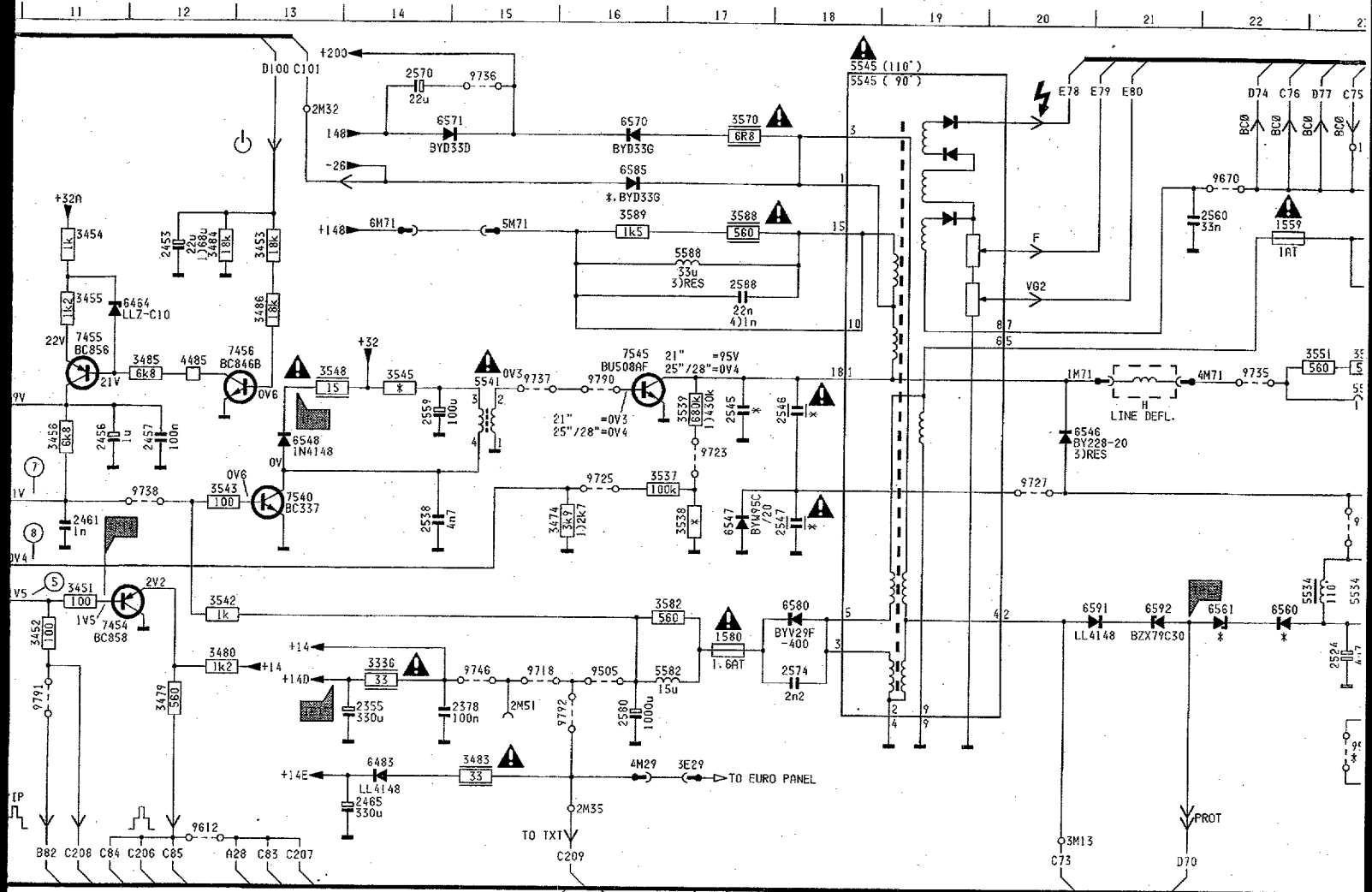
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| 2301 | J 3 | 3328 | G15 | 9676 | B23 |
| B 2302 | B20 | 3330 | B15 | 9677 | G11 |
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| C 2307 | B19 | 3359 | M18 | 9764 | H26 |
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| E 2315 | H16 | 3352 | J14 | | |
| 2316 | L 5 | 3353 | I14 | | |
| 2317 | E 4 | 3354 | J14 | | |
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| 2322 | N 8 | 3359 | D16 | | |
| 2323 | E21 | 3361 | G17 | | |
| 2325 | F 8 | 3362 | F22 | | |
| 2325 | M 6 | 3363 | E21 | | |
| 2326 | G16 | 3364 | J26 | | |
| F 2327 | F15 | 3365 | K17 | | |
| 2328 | C17 | 3366 | J26 | | |
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| 2352 | D14 | 4314 | M 8 | | |
| 2353 | F 8 | 4316 | F 9 | | |
| 2353 | J 5 | 4317 | F 9 | | |
| 2354 | F25 | 4317 | I 6 | | |
| 2356 | F23 | 4318 | B19 | | |
| 2357 | F23 | 4320 | I28 | | |
| J 2358 | F22 | 4321 | H13 | | |
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| 2360 | C27 | 4329 | F11 | | |
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| 2362 | A28 | 4851 | G11 | | |
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| 2365 | F26 | 5301 | K 3 | | |
| 2366 | I26 | 5303 | H15 | | |
| K 2367 | I25 | 5306 | F17 | | |
| 2368 | H15 | 6300 | C 3 | | |
| 2370 | L 5 | 6302 | B24 | | |
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| 2372 | E27 | 6310 | B14 | | |
| 2373 | D27 | 6313 | F 5 | | |
| L 2374 | I27 | 6314 | E 5 | | |
| 2375 | D13 | 6315 | H26 | | |
| 2376 | D13 | 6316 | F22 | | |
| 2380 | B23 | 6318 | H17 | | |
| 2381 | B22 | 6319 | J26 | | |
| 2385 | F21 | 6320 | J26 | | |
| 2386 | I27 | 6321 | F14 | | |
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| 3300 | J 2 | 6323 | H13 | | |
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| 3307 | H14 | 7308 | C18 | | |
| 3308 | F 6 | 7309 | C22 | | |
| 3308 | N 9 | 7310 | F17 | | |
| 3309 | B 9 | 7370 | I27 | | |
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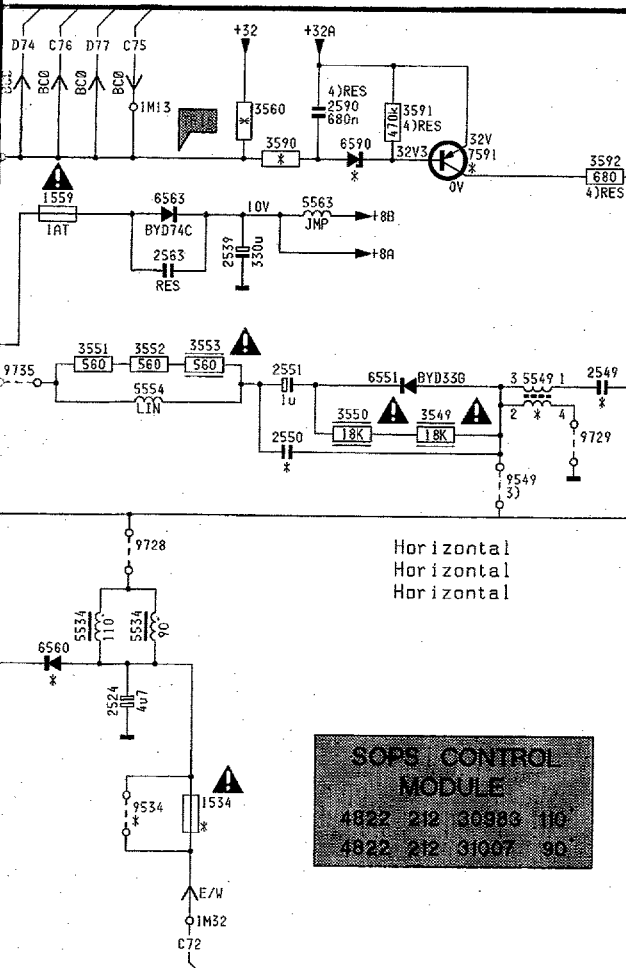
CHASSIS GR2.3

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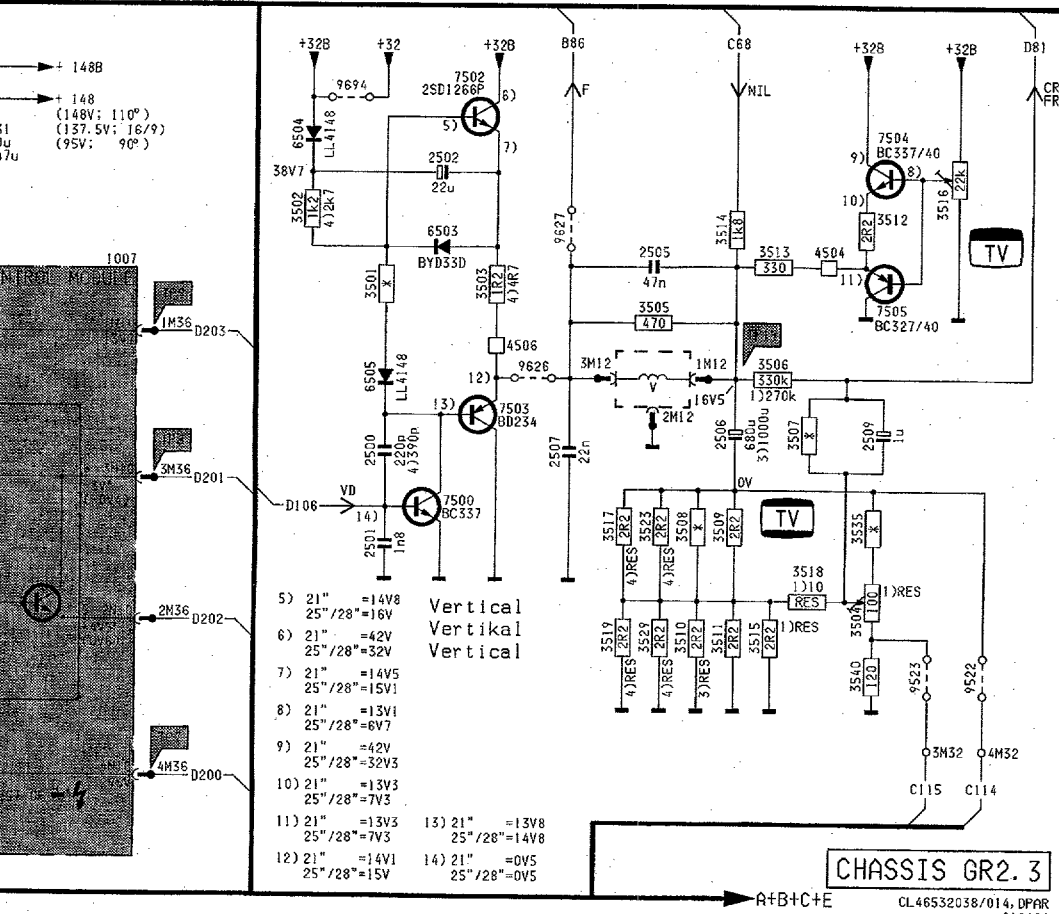


REMARKS/REMARQUES/ANMERKUNGEN/NOTE
 PRESENT IN SETS:
 PRESENT SUR LES APPAREILS:
 ANMESEND IN GERÄTEN
 PRESENTE SUI MODELLI:
 PRESENTE SOBRE MODELLOS:

- 1) 16/9-110°-BL-CRT
- 2) 25"/28"-BL-CRT
- 3) 21"-NN-CRT
- 4) 21"-MN-CRT

| * | 1) | 2) | 3) | 4) |
|------|----------|----------|------|------|
| 1534 | 315mAT | 315mAT | - | - |
| 2455 | 1n | 3n3 | - | 1n |
| 2480 | 2n2 | 10n | - | 10n |
| 2545 | 1n2 | 1n5 | 1n5 | 1n2 |
| 2546 | 13n | 11n | 9n1 | 13n |
| 2547 | 22n | 22n | 18n | 47n |
| 2549 | 390n | 470u | 330n | - |
| 2550 | 680n | 390n | 390n | 680n |
| 2617 | 1u | 1u | 470n | - |
| 2675 | 1000u | 1000u | 100u | 680u |
| 3471 | 150k | 91k | 120k | 150k |
| 3501 | 27 | 22 | 22 | 27 |
| 3507 | 22k | 22k | 27k | 27k |
| 3508 | - | 2R2 | - | 2R2 |
| 3535 | - | 120 | 120 | 150 |
| 3545 | 180 | 120 | 100 | 680 |
| 3560 | 16k | 16k | 22k | 36k |
| 3590 | 100k | 100k | - | 360 |
| 3626 | 180 | 360 | - | 360 |
| 5549 | X | X | - | - |
| 6560 | LL4148 | LL4148 | - | - |
| 6561 | BZX79C68 | BZX79C68 | - | - |
| 6590 | LLZ-C43 | LLZ-C43 | - | - |
| 7591 | BC858 | BC858 | - | - |
| 9534 | - | - | - | JMP |

SOPS CONTROL
 MODULE
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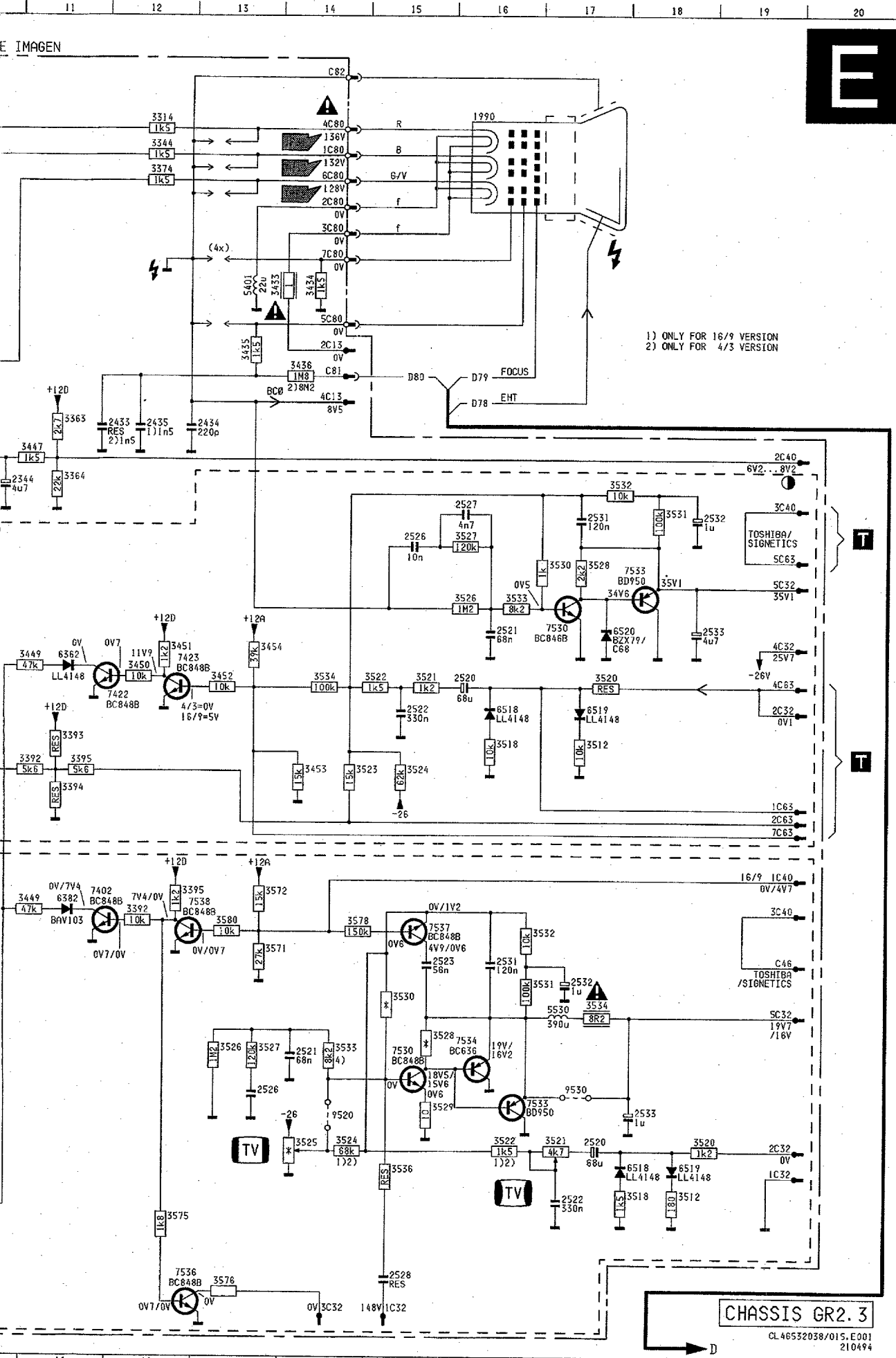


- 5) 21" =14V8
25"/28"=16V
- 6) 21" =42V
25"/28"=32V
- 7) 21" =14V5
25"/28"=15V1
- 8) 21" =13V1
25"/28"=8V7
- 9) 21" =42V
25"/28"=32V3
- 10) 21" =13V3
25"/28"=7V3
- 11) 21" =13V3
25"/28"=7V3
- 12) 21" =14V1
25"/28"=15V
- 13) 21" =13V8
25"/28"=14V8
- 14) 21" =0V5
25"/28"=0V5

CHASSIS GR2.3
 CL46532038/014, DPAP
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| | | | | | |
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| 1534 | Q24 | 3503 | K26 | 6604 | K 6 |
| 1559 | B22 | 3504 | M29 | 6605 | K 7 |
| 1580 | F17 | 3505 | K27 | 6610 | N 5 |
| 1600 | K 2 | 3506 | K28 | 6611 | N 4 |
| 1601 | N11 | 3507 | L28 | 6612 | O 5 |
| 1605 | K 4 | 3508 | L27 | 6615 | N 5 |
| 2355 | G14 | 3509 | L28 | 6617 | N 6 |
| 2378 | G15 | 3510 | M27 | 6621 | M 6 |
| 2451 | E 5 | 3511 | M28 | 6622 | O 6 |
| 2453 | B12 | 3512 | J29 | 6624 | M 5 |
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| 2456 | D11 | 3514 | J28 | 6630 | I18 |
| 2457 | D12 | 3515 | M28 | 6640 | M11 |
| 2458 | A 9 | 3516 | J15 | 6641 | N11 |
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| 2461 | E11 | 3519 | M27 | 6675 | J13 |
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| 2465 | H14 | 3535 | L29 | 7456 | C13 |
| 2466 | B 7 | 3537 | E17 | 7470 | B 6 |
| 2467 | B 7 | 3538 | E17 | 7471 | B 4 |
| 2468 | B 6 | 3539 | D17 | 7472 | B 3 |
| 2469 | B 5 | 3540 | N29 | 7500 | L25 |
| 2470 | D 5 | 3542 | F12 | 7502 | I26 |
| 2471 | G 6 | 3543 | E12 | 7503 | L26 |
| 2473 | G 6 | 3545 | D14 | 7504 | I29 |
| 2474 | G 5 | 3548 | B13 | 7505 | K29 |
| 2475 | H 7 | 3549 | D25 | 7540 | E13 |
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| 2501 | M25 | 3551 | C23 | 7591 | B26 |
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| 2507 | L26 | 3570 | A17 | 9522 | N15 |
| 2509 | L29 | 3582 | F17 | 9523 | M29 |
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| 2551 | D24 | 3604 | K 3 | 9658 | K13 |
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| 2620 | M 6 | 3637 | J17 | 9728 | E23 |
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Module Support tube image



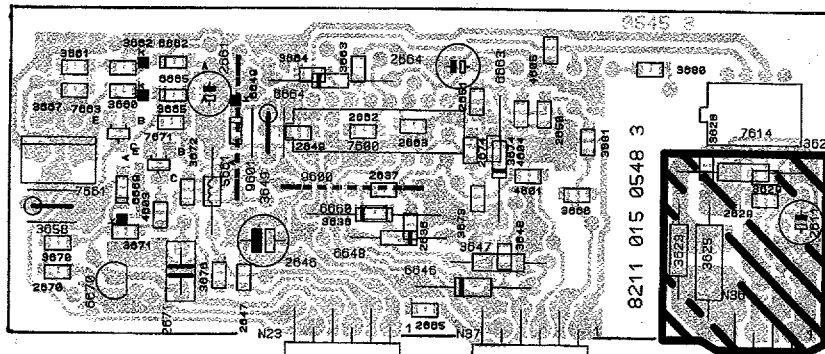
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| 3340 | G 8 | 6412 | H 4 |
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| 3450 | H12 | | |
| 3451 | G12 | | |
| 3452 | H13 | | |
| 3453 | I14 | | |
| 3454 | G13 | | |
| 3455 | B 4 | | |
| 3456 | B 5 | | |

1) ONLY FOR 16/9 VERSION
2) ONLY FOR 4/3 VERSION

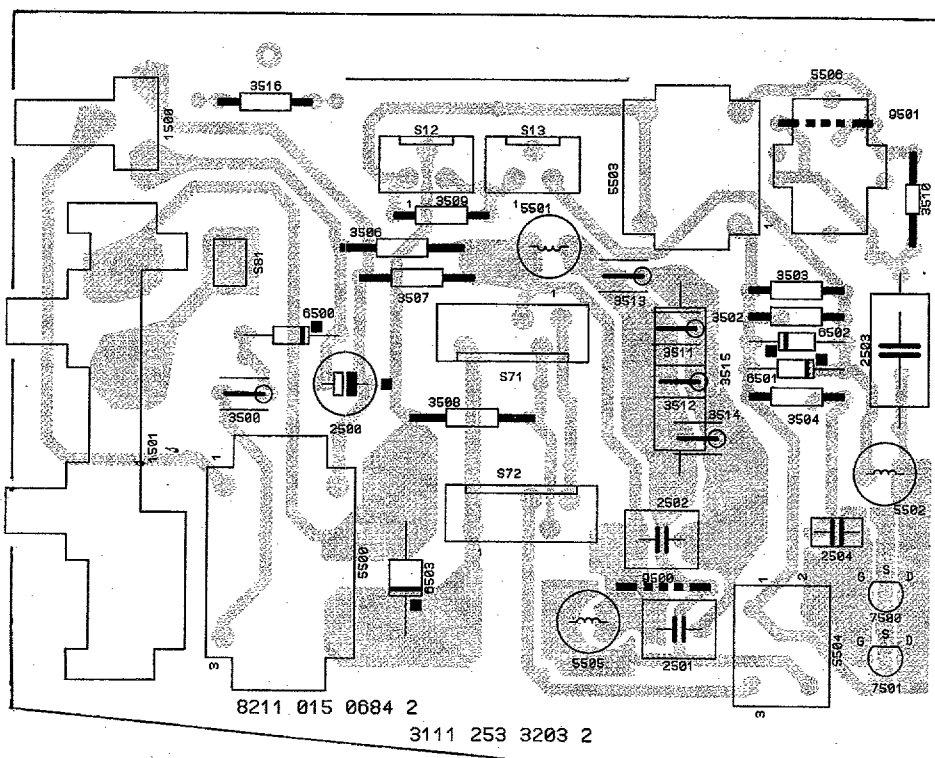
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CL 46532038/015.E.001
210494

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SOPS CONTROLE MODULE



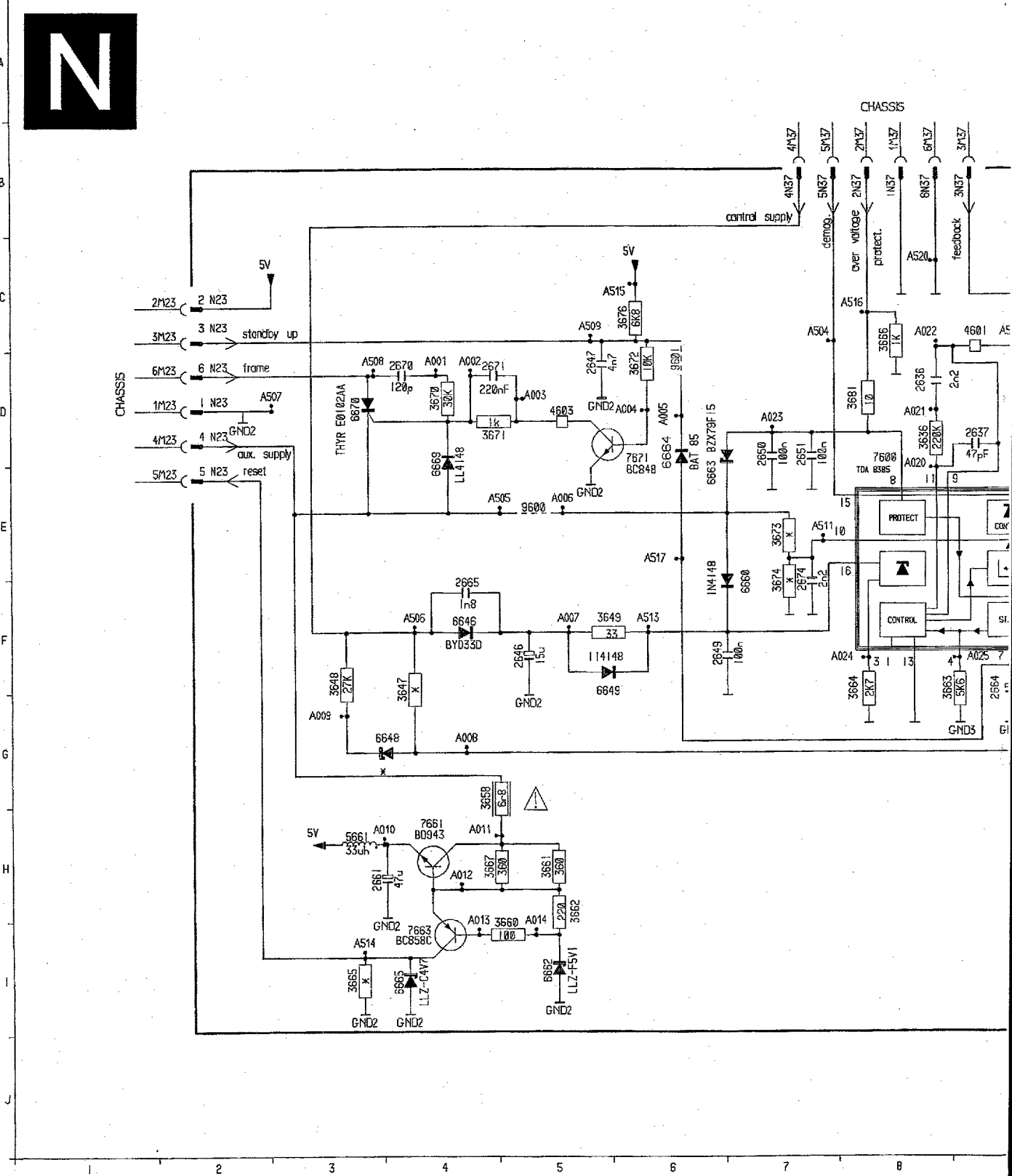
SCANNING MODULE



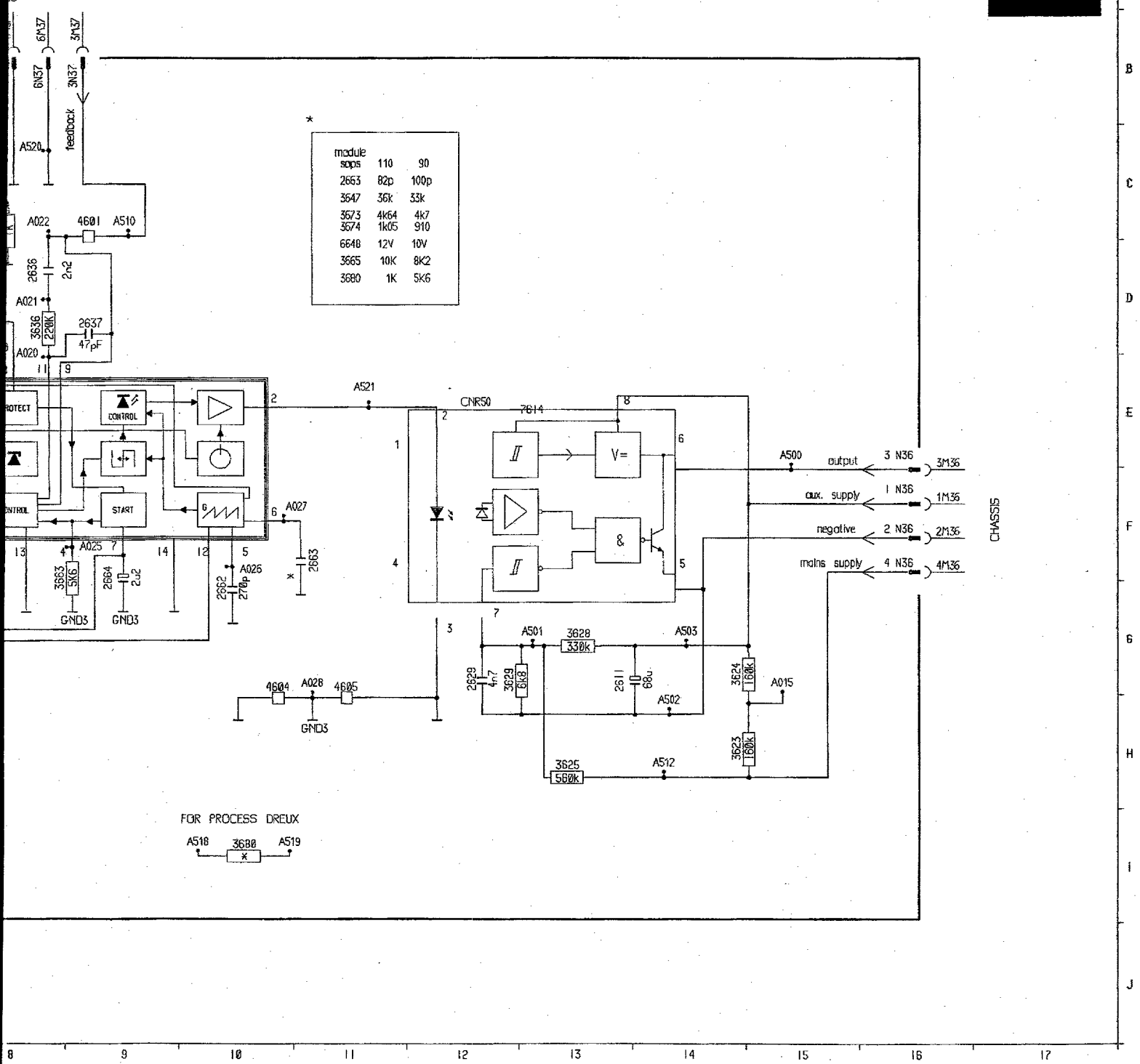
Sops controle module

CHASSIS GR2.3

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 2611 | G13 | 2647 | D 5 | 2662 | G10 | 2671 | D 4 | 3628 | G13 | 3649 | F 5 | 3663 | F 8 | 3670 | D 4 | 3676 | C 6 | 4604 | G10 | 6649 | G 5 | 6665 | I 4 | 7661 | H 4 | AA |
| 2629 | G13 | 2649 | D 5 | 2663 | F11 | 2674 | F 7 | 3629 | G12 | 3658 | G 4 | 3664 | F 8 | 3671 | D 4 | 3680 | I 10 | 4605 | G11 | 6660 | F 7 | 6669 | D 3 | 7663 | H 4 | AA |
| 2635 | D 9 | 2650 | D 7 | 2664 | F 9 | 3623 | H14 | 3638 | D 6 | 3660 | H 5 | 3665 | F 8 | 3672 | D 6 | 3681 | D 8 | 5661 | H 3 | 6662 | I 5 | 6670 | D 3 | 7671 | D 6 | AA |
| 2637 | D 9 | 2651 | D 7 | 2665 | F 4 | 3624 | G14 | 3647 | F 4 | 3661 | H 5 | 3666 | C 8 | 3673 | F 7 | 4601 | C 9 | 6646 | F 4 | 6663 | E 6 | 7600 | D 3 | 9600 | E 5 | AA |
| 2646 | F 5 | 2661 | H 3 | 2670 | D 4 | 3625 | H13 | 3648 | F 3 | 3662 | H 5 | 3667 | H 4 | 3674 | F 7 | 4603 | D 5 | 6648 | G 4 | 6664 | D 6 | 7614 | E14 | 9601 | D 6 | AA |

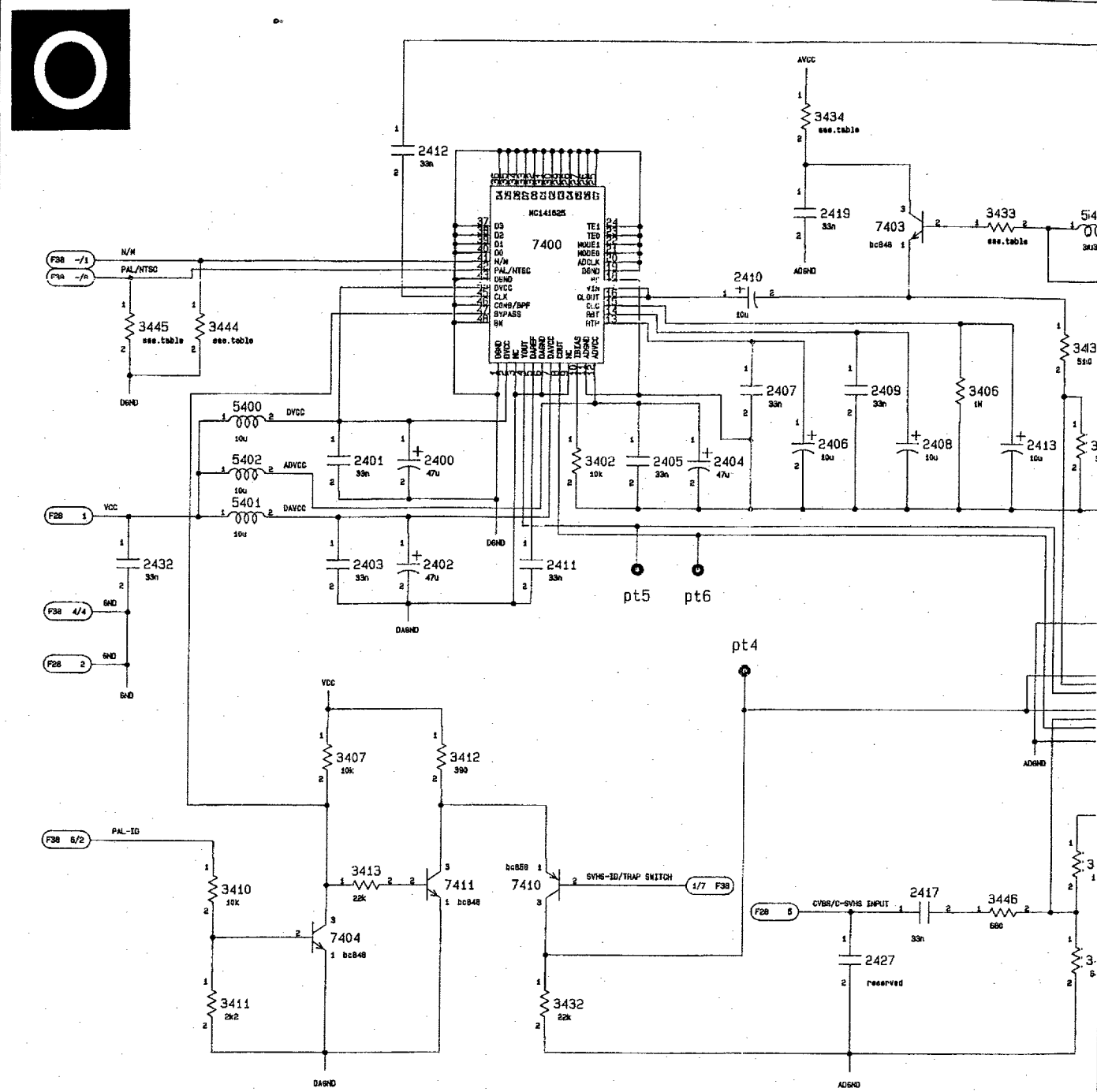


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| 7661 | H 4 | A001 | D 4 | A006 | F 5 | A011 | H 4 | A020 | E 8 | A025 | F 9 | A501 | G 13 | A506 | F 4 | A511 | E 7 | A516 | C 8 | A521 | E 11 | N23 | F 2 | N36 | F 16 | N37 | B 7 |
| 7665 | D 4 | A002 | D 4 | A007 | F 5 | A012 | H 4 | A021 | D 8 | A026 | F 10 | A502 | H 14 | A507 | D 3 | A512 | H 14 | A517 | E 6 | A522 | D 2 | N23 | D 2 | N36 | D 8 | N37 | B 8 |
| 7671 | D 4 | A003 | D 5 | A008 | G 3 | A013 | I 4 | A022 | C 8 | A027 | F 11 | A503 | G 14 | A508 | C 3 | A513 | F 6 | A518 | I 10 | N23 | F 16 | N36 | F 16 | N37 | B 8 | N37 | B 8 |
| 9600 | D 6 | A004 | D 6 | A009 | G 3 | A014 | I 5 | A023 | D 7 | A028 | G 11 | A504 | C 7 | A509 | C 3 | A514 | I 3 | A519 | I 10 | N23 | C 2 | N36 | F 16 | N37 | B 8 | N37 | B 8 |
| 9661 | D 6 | A005 | D 6 | A010 | H 3 | A015 | G 15 | A024 | F 8 | A500 | E 15 | A505 | E 5 | A510 | C 9 | A515 | C 6 | A520 | C 8 | N23 | D 2 | N36 | E 16 | N37 | B 8 | N37 | B 8 |



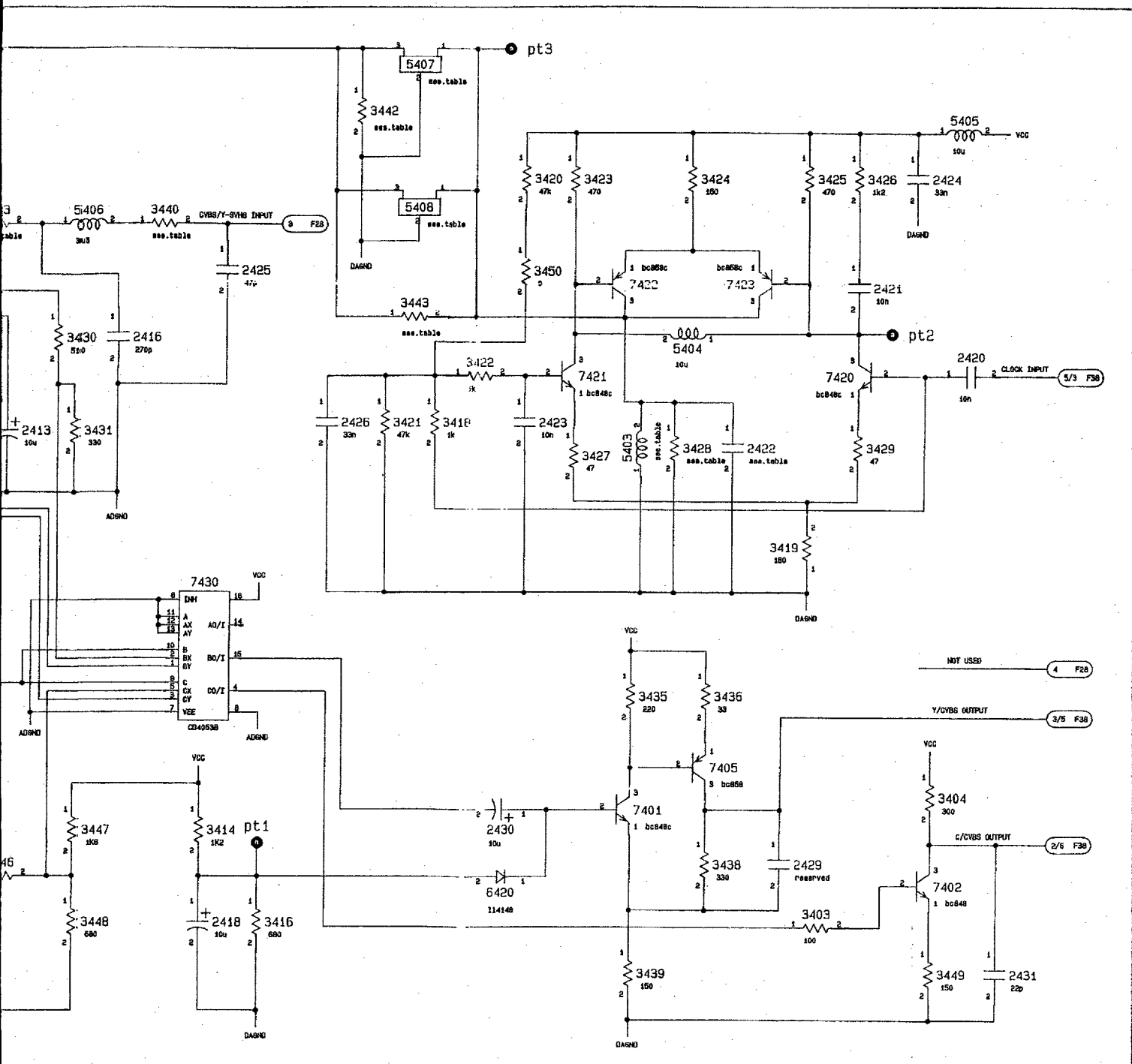
Comb filter module

CHASSIS GR2.3



COMPONENTS

| | 2422 | 3428 | 5403 | 3443 | 3442 | 5407 | 5408 | 3444 | 3445 | 3440 | 3433 | 3434 | star |
|--------------------|------|------|-------|------|------|---------|---------|------|------|------|------|------|------|
| STANDARD VERSION : | 100p | 820 | 0.68u | 0 | - | - | - | 0 | 0 | 100 | 220 | 220 | |
| OVERSEAS VERSION : | - | 240 | - | - | - | SFE14-3 | SFE17-7 | - | - | 120 | 47 | 0 | |



CONNECTOR F38

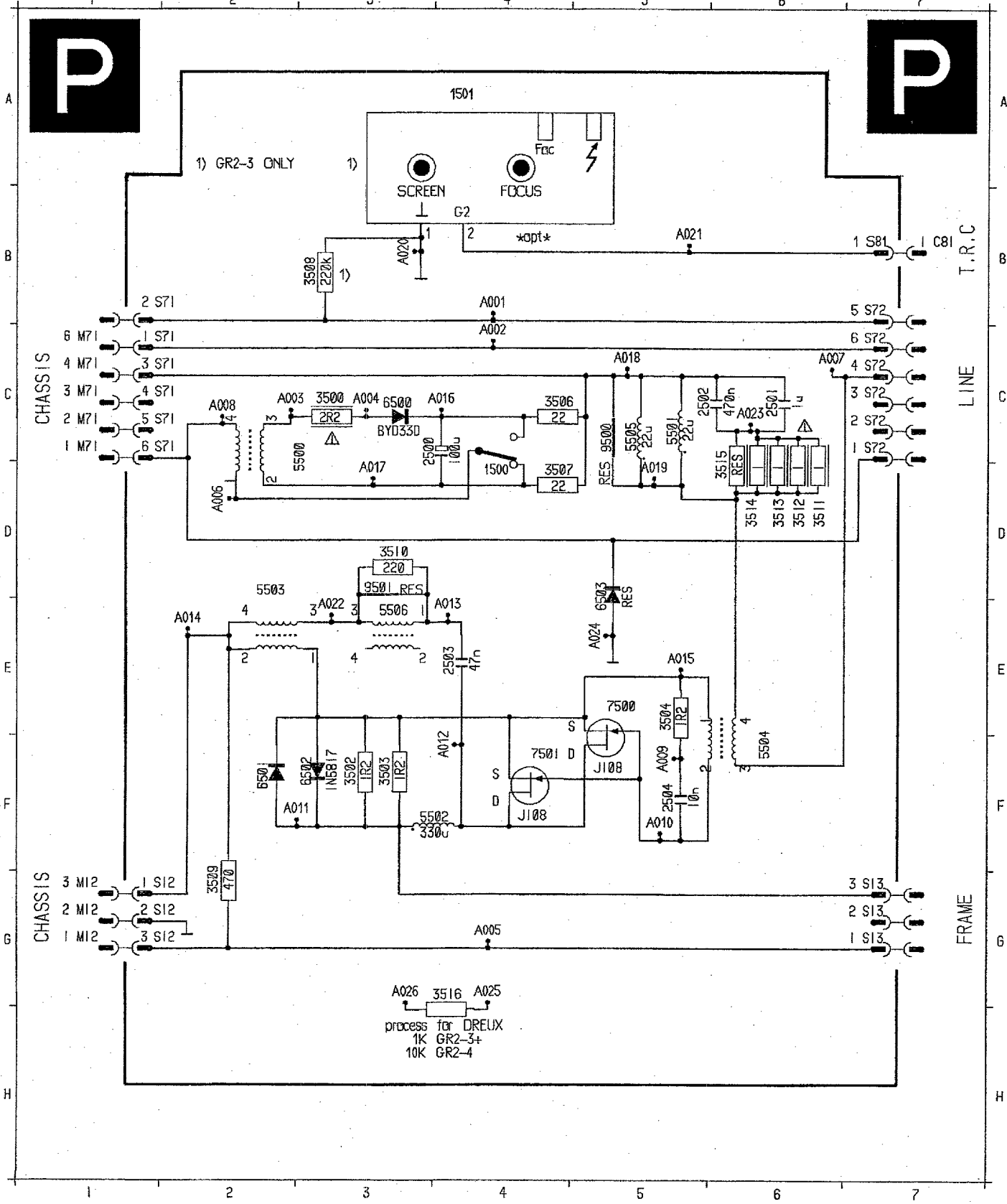
12 NC NUMBER

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- 6 5 4 3 2 1 -
1 2 3 4 5 6 7 8

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3111 258 002:0

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|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|-----|-----|-----|-----|-----|-----|
| 1500 | D 4 | 3503 | F 3 | 3513 | D 6 | 5505 | C 5 | 9501 | D 3 | A009 | F 5 | A018 | C 5 | 512 | G 6 | S71 | C 7 | S81 | B 7 |
| 1501 | A 4 | 3504 | F 3 | 3514 | D 6 | 5506 | C 5 | A001 | B 4 | A010 | F 5 | A019 | D 5 | 512 | G 6 | S71 | C 7 | | |
| 2500 | A 4 | 3506 | C 4 | 3515 | D 6 | 6500 | C 5 | A002 | B 4 | A011 | F 5 | A020 | B 5 | 512 | G 6 | S71 | C 7 | | |
| 2501 | C 4 | 3507 | D 4 | 3516 | D 6 | 6501 | F 5 | A003 | C 3 | A012 | F 5 | A021 | B 5 | 513 | G 6 | S72 | C 7 | | |
| 2502 | C 4 | 3508 | B 3 | 5500 | C 3 | 6502 | F 5 | A004 | C 3 | A013 | F 5 | A022 | B 5 | 513 | G 6 | S72 | C 7 | | |
| 2503 | F 4 | 3509 | B 3 | 5501 | C 3 | 6503 | F 5 | A005 | D 4 | A014 | F 5 | A023 | C 5 | 513 | G 6 | S72 | C 7 | | |
| 2504 | F 4 | 3510 | D 3 | 5502 | C 3 | 7501 | D 5 | A006 | D 4 | A015 | F 5 | A024 | C 5 | 513 | G 6 | S72 | C 7 | | |
| 3500 | F 3 | 3511 | D 6 | 5503 | D 6 | 7501 | C 5 | A007 | C 6 | A016 | C 4 | A025 | G 6 | 571 | C 7 | S72 | C 7 | | |
| 3502 | F 3 | 3512 | D 6 | 5504 | F 6 | 9500 | C 5 | A008 | C 2 | A017 | D 3 | A026 | G 6 | 571 | C 7 | S72 | C 7 | | |



Comb filter module

CHASSIS GR2.3

