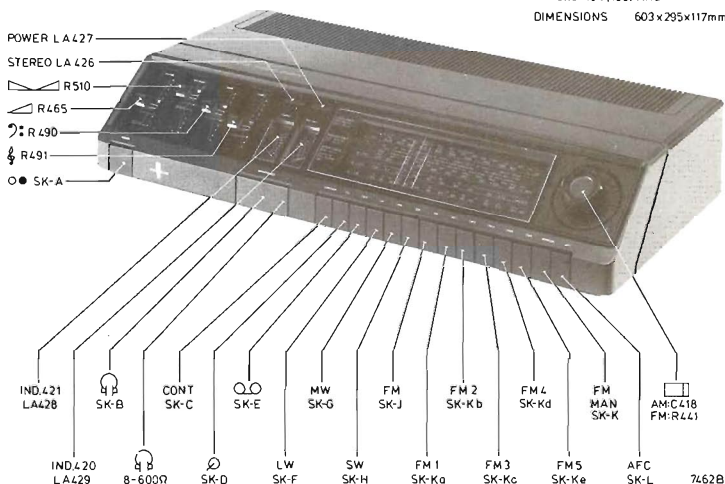
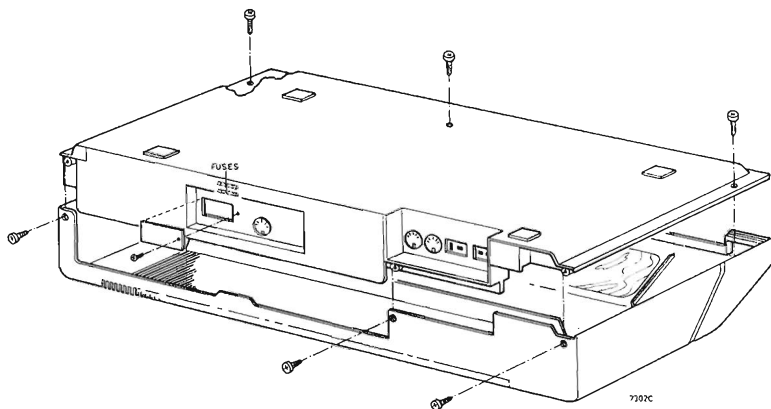
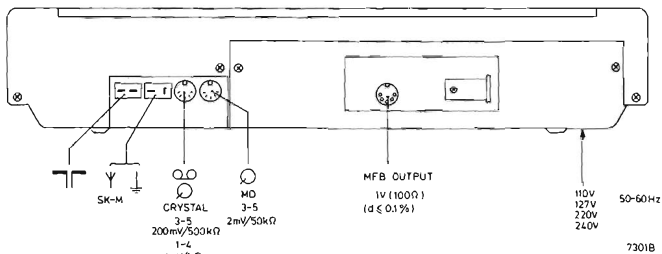


Service
Service
Service

Service Manual

LW: 150 - 350 kHz (2000 - 857m)
 MW: 520 - 1605 kHz (577 - 187m)
 SW: 5.95 - 9.775 MHz (50.4 - 30.7m)
 FM: 87.5 - 104 (108) MHz
 DIMENSIONS 603 x 295 x 117mm





(GB)

Safety regulations require that the set be restored to its original condition and that parts which are identical with those specified, be used.

(NL)

Veiligheidsbepalingen vereisen, dat het apparaat bij reparatie in zijn oorspronkelijke toestand wordt teruggebracht en dat onderdelen, identiek aan de gespecificeerde, worden toegepast.

(F)

Les normes de sécurité exigent que l'appareil soit remis à l'état d'origine et que soient utilisées les pièces de rechange identiques à celles spécifiées.

(D)

Die Sicherheitsvorschriften erfordern, dass das Gerät sich nach der Reparatur in seinem originalen Zustand befindet und dass die benutzten Einzelteile den aufgeführten Teilen identisch sind.

(SF)

Korjattessa laitetta on turvallisuussyistä ehdottomasti ennettävä oikein ja käytettävä tohtaan määräämiä alkuperäisvaraosaia.

(I)

Le norme di sicurezza esigono che l'apparecchio venga rimesso nelle condizioni originali e che siano utilizzati i pezzi di ricambio identici a quelli specificati.

(S)

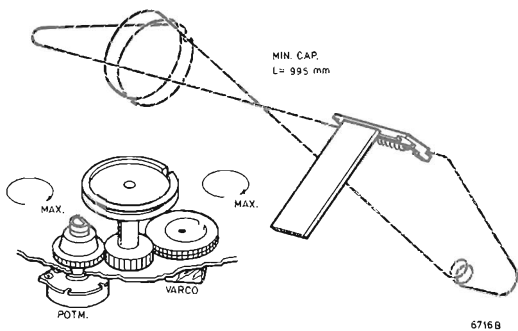
Säkerhetsbestämmelserna kräver att varje reparation skall utföras korrekt med hänsyn till ursprunglig placering av komponenter, ledningar etc. och med användning af föreskrivna reservdelar.

(DK)

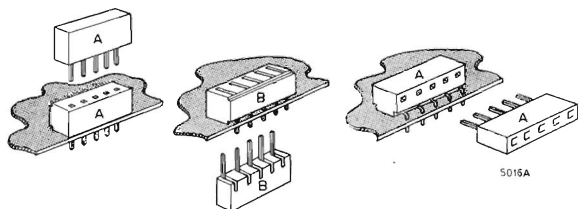
Myndighedernes sikkerheds- og radiostøjbestemmelser kræver, at enhver reparation skal udføres korrekt m.h.t. overholdelse af originalplacering og monterning af komponenter, ledningsbundter, etc. og ved anvendelse af de foreskrevne reservedele.

(N)

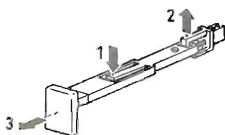
Sikkerhetsbestemmelser kreves at apparatet blir gjenopprettet til original utførelse og at deler som er identiske med de som er spesifisert, blir benyttet.



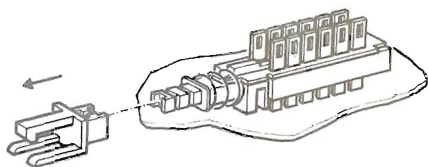
INSERTING OF CONNECTORS



PUSH BUTTONS

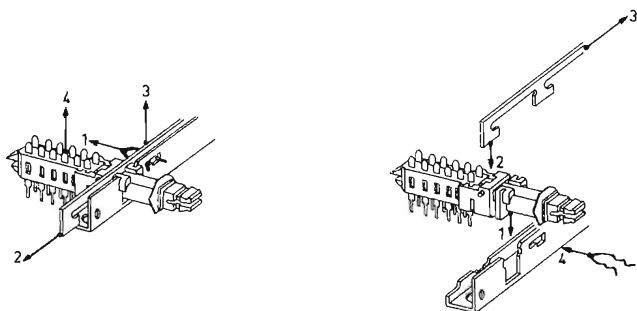


COUPLING PIECES



7019A

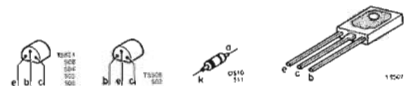
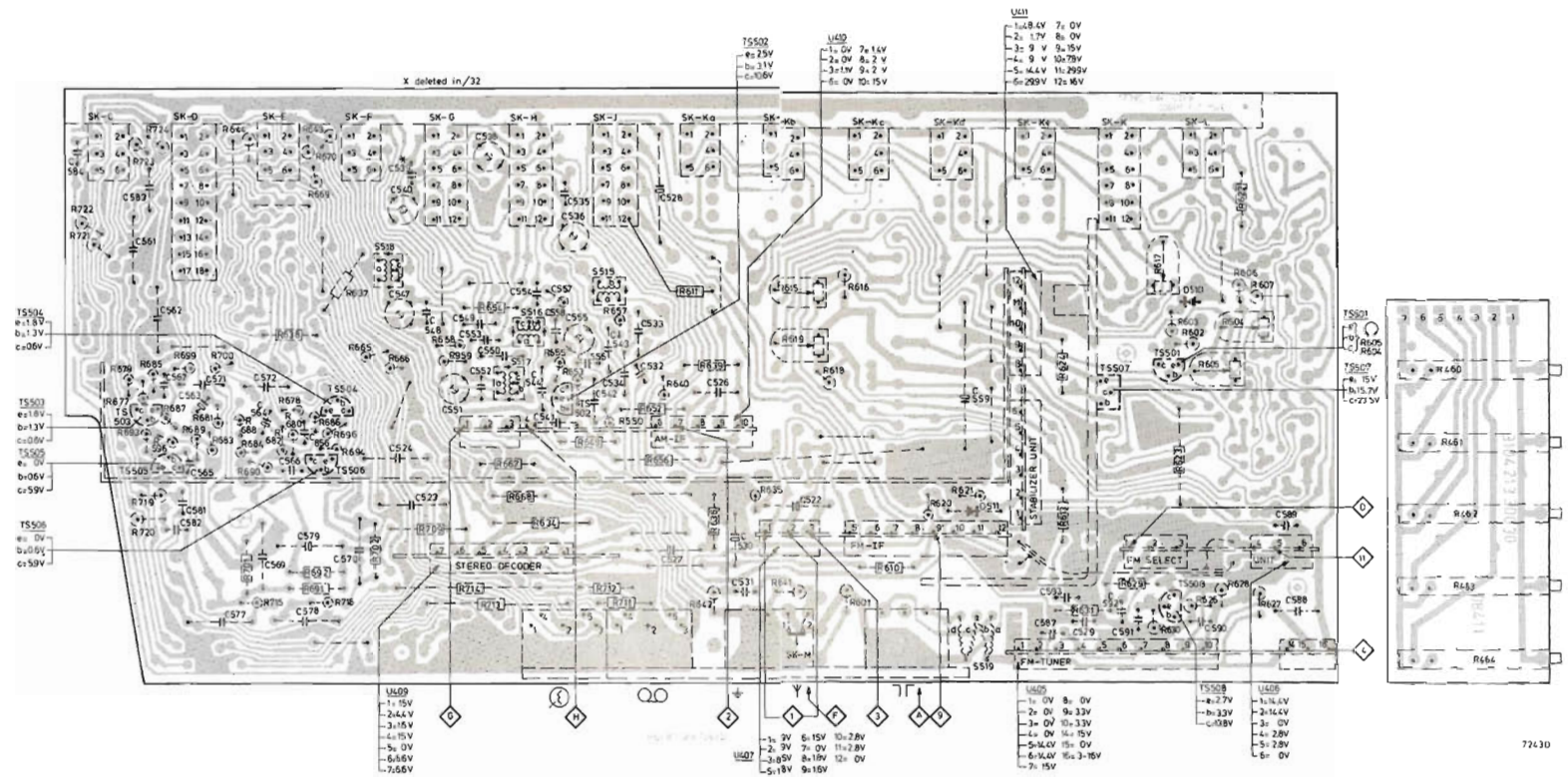
S8 SWITCHES



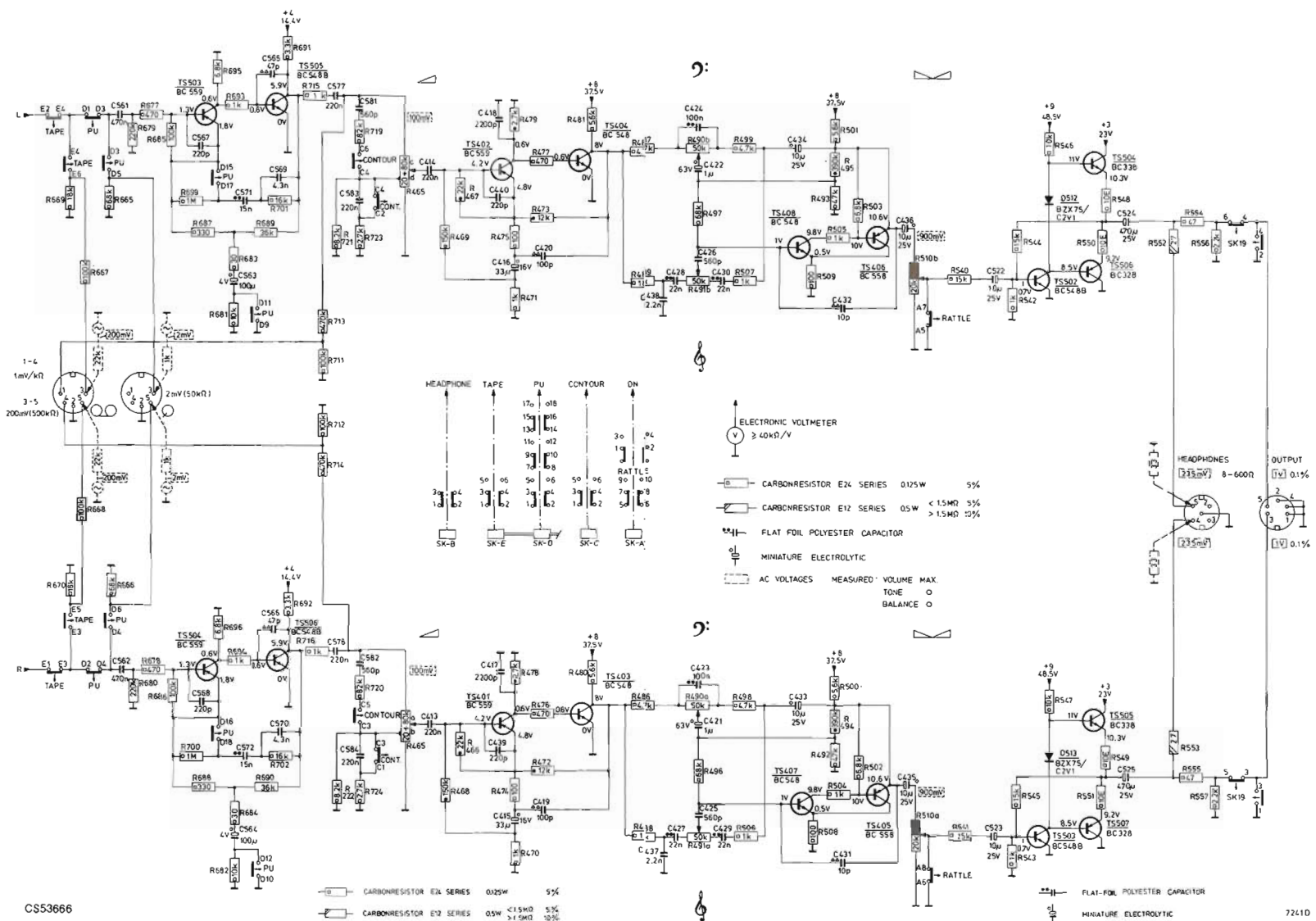
7076B

NOTES

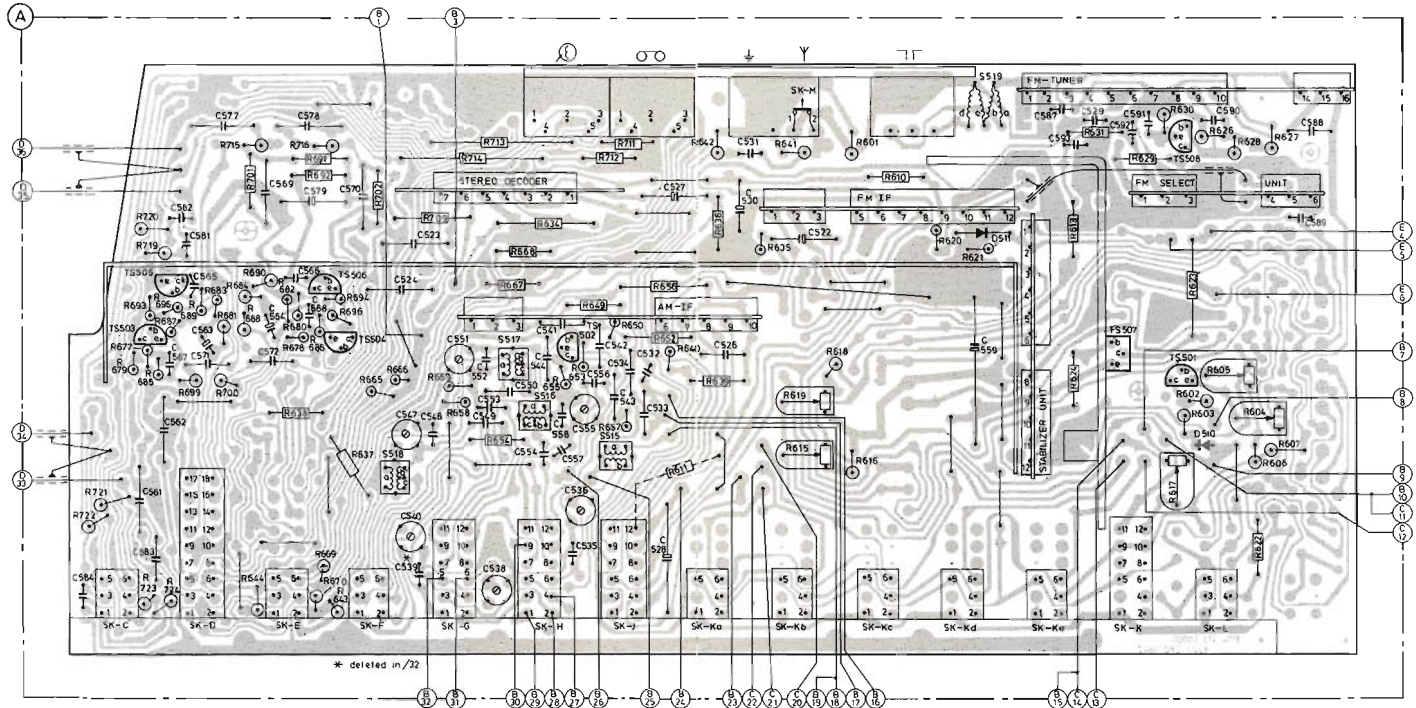
| MISC | SK-C | SK-D | SK-E | SK-F 5518 | SK-G | SK-H 5518 | SK-I 5518 | SK-Ka | SK | Kb SK-H | SK-Kc | SK-Kd | SK-Ke | SK-K | SK-L DS10 | MISC |
|------|---|---------------------|-----------------------------|-------------------------------------|-------------|-------------------------|-----------|-----------------|-----|-----------|--------------------|---------|---------------------|-----------|-----------------|------|
| MISC | TS503.505 | | TS504.506 | | 5517 | | TS502 | | | 5519 DS11 | | TS507 | | TS501.508 | | MISC |
| C | 584 | 583 561 562 571 | 572 | 507 540 539 548 538 569 568 556+557 | | 536+539 543 543 533 528 | | | | | 5519 DS11 | | TS507 | | TS501.508 | |
| C | | 587 583+565 | | 572 566 568 | | 524 551-553 550 561 564 | | 542 523 533 | | 526 | | | | | | |
| C | | 582 581 577 | | 569 578 579 | | 570 | | 523 | | 527 | | 559 | | 559 | | |
| R | 722 721 | 723 724 | 844 | 638 669 670 643 637 | | | 611 | | | | 58 593 529 592 591 | | 590 | | 588 589 | |
| R | 677 679 685 687 699 681 700 686 688 678 680 686 696 694 | 665 666 659 658 664 | 655 653 657 650 652 | 640 639 | | | 615 619 | | 616 | | 613 624 | | 607 608 623 605 603 | | 617 622 606 607 | 460 |
| R | 693 719 720 695 689 683 | | 701 690 682 691 692 786 702 | 709 714 713 667 668 634 | 649 712 711 | 656 662 636 | 635 641 | 608 610 620 621 | 631 | 629 | 630 626 628 627 | 462 464 | | | | |



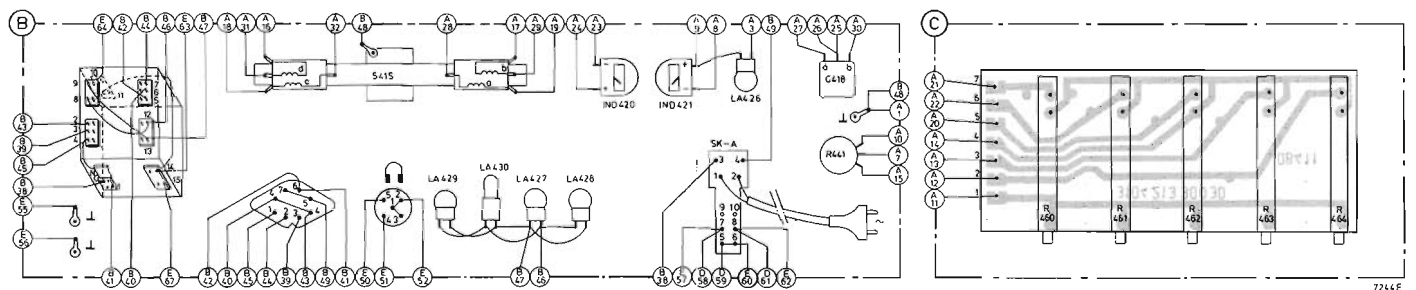
| MISC. | TS503 | TS504 | TS505 | TS506 | TS402 | TS401 | TS404 | TS403 | TS408 | TS407 | TS406 | TS405 | TS302 | TS304 | TS306 |
|----------|-------------------------|-------|-----------------|-------------|-------|-------------|-------------|-------|---------------------|-----------------|---------|-------|-------------|-------|-----------------|
| C561-584 | 561 | 562 | 571 563 565 566 | 577 583 581 | 413 | 414 | 418 440 416 | 420 | 428 424 426 422 430 | 434 | 432 | 436 | C522-525 | 522 | 524 |
| | 568 | 568 | 572 564 566 570 | 578 584 582 | 413 | 413 | 417 439 415 | 419 | 427 423 425 421 428 | 433 | 431 | 435 | 523 | 523 | 525 |
| | 676 677 685 | | 695 693 | 697 | 465-a | 467 | 479 477 | 481 | 480b | 499 | 501 495 | | 548 | 548 | 548 |
| R665-724 | 669 682 | 685 | 681 683 689 701 | 713 711 721 | 468 | 475 471 473 | 478 476 | 480 | 491 497 507 | 493 509 505 502 | 510b | | 540 542 544 | 550 | 549 553 554 556 |
| | 670 668 666 680 678 686 | | 696 694 | 692 704 712 | 465-a | 466 | 478 476 | 480 | 490c | 498 | 500 494 | | 547 | 548 | 551 553 554 556 |
| | | | 700 688 682 | 684 690 702 | 468 | 474 470 472 | | | 491b 496 506 | 497 508 504 502 | 510a | | 541 543 545 | 551 | 553 555 557 |



| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|-----------|-----------------|-----------------|---------------------|-----------------------------|-----------------|-----------------|---------------------|-----------------|------|---------|-------------|---------|------|-------|------|-------|------|-------|------|-------|--------------|---------|-----|---------|---------|---------|
| MISC | T5503,505 | SK-D | T5506,506 | SK-E | SK-F, 5115, 5318 | SK-G | 5517 | T5507 | SK-J, 5516 | SK-M | SK-A | SK-M | SK-Kc | SK-K | SK-Kc | SK-K | SK-Kc | SK-K | SK-Kc | SK-K | SK-Kc | SK-L, O, S10 | MISC | | | | |
| MISC | S414 SK-C | 572 581 577 | 559 | 578 579 | 570 | 527 | 527 | 577 | 531-530 | 522 | 559 | 587 593 529 | 592 591 | 590 | | | | | | | | | 588 589 | | | | |
| C | | 567 565 563 | 564 | 566 568 | | 524 | 551-553 | 550 | 511-514 | 542 | 513 533 | | | | | | | | | | | | | | | | |
| C | 584 | 583 561 562 | 571 | 572 | | 547 540 539 548 | 549 539 | 554-559 536 535 534 | 543 532 533 528 | | | 418 | 601 610 | 620 | 621 | | | | | | | | | | | | |
| R | | 691 719 720 699 | 689 683 | 701 690 682 691 692 | 702 | 705 | 711 713 667 668 | 634 | 649 712 711 | 656 | 642 638 | 635 643 | 619 | 618 | 620 | 621 | 619 | 618 | 620 | 621 | 631 | 631 | 629 | 630 | 628 628 | 627 | |
| R | | 677 675 645 | 687 699 681 702 | 684 688 678 680 | 688 698 688 685 686 689 688 | 694 | 659 653 657 650 | 652 | 640 639 | | | 619 | 618 | 618 | 619 | 620 | 621 | 631 | 631 | 631 | 629 | 629 | 628 628 | 627 | 627 | 628 628 | 627 |
| R | | 722 721 | 723 724 | 715 654 | 719 618 | 669 670 | 643 632 | | | | | | | | | | | | | | | | | | | | 607 614 |

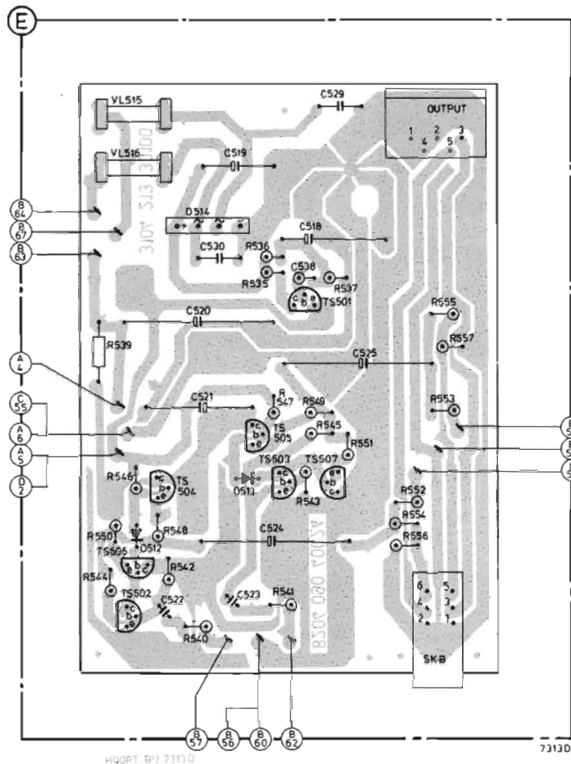
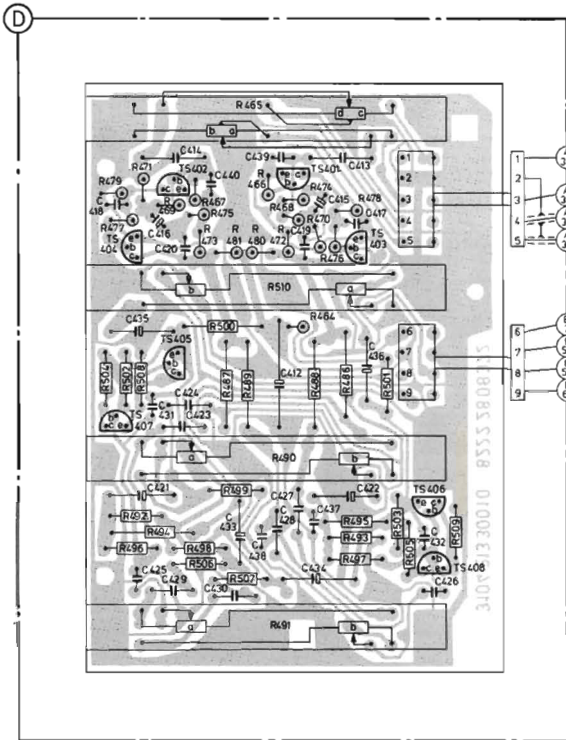


* deleted in /22



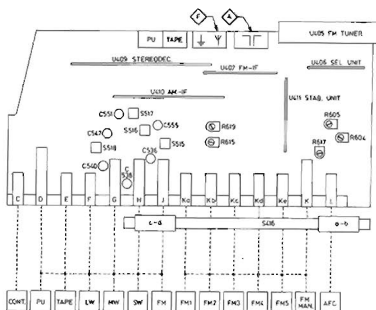
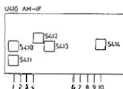
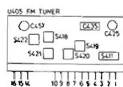
| MISC. | TS404 | TS402 | TS401 | TS403 | TS406 | TS408 |
|-------|-------|---|-------------------------------------|-------|-------|-------|
| C | 418 | 416 420 414 440 | 439 419 415 413 407 | | | |
| C | | 435 431 424 423 | 412 436 | | | |
| C | | 425 421 429 430 433 438 427 428 | 434 437 422 432 426 | | | |
| R | | 479 477 471 469 467 475 473 465 481 466 480 468 472 476 470 478 | | | | |
| R | | 504 502 508 | 500 487 489 510 464 488 486 476 501 | | | |
| R | | 496 492 494 498 506 499 507 491 490 495 493 497 503 505 509 | | | | |

| VL515 | TS506 | TS504 | TS505 | TS501 | SKB |
|-----------|---------|---------|-----------------|-------------|-------|
| D512A,516 | TS502 | D514 | D513 | TS503 | TS507 |
| | 522 | 530 519 | 528 | 518 529 525 | |
| | | 521 523 | 524 | | |
| | 539 545 | | 536 538 540 | 554 557 | |
| | 550 548 | 540 | 535 543 545 551 | 552 555 | |
| | 544 542 | | 547 541 537 | 556 553 | |



| SK... | Signal to | | Trimming Point | Adjust | Unit (U) | Indication | |
|-------------------------------|--|------|----------------|------------------------------|--|---------------------|------|
| Wave range | | | | | | | |
| MW (520-1605 kHz) | 452 kHz (460 kHz) (470 kHz) $\Delta f = 20$ kHz (50 Hz) via 33 nF | | Max.cap. | S414,413,412 S410,411 | AM-IF U410 | max. +symm. min. | |
| LW (150-350 kHz) | 147 kHz 352 kHz | | Max.cap. | S518 | | max. | |
| | | | Min.cap. | C547 | | | |
| MW (520-1605 kHz) | 512 kHz 1635 kHz | | Max.cap. | S517 | | | |
| | | | Min.cap. | C551 | | | |
| SW (5.95-9.775 MHz) | 5.83 MHz 9.97 MHz | | Max.cap. | S516 | | | |
| | | | Min.cap. | C555 | | | |
| LW (150-350 kHz) | 157 kHz 336 kHz | | Tune in | S416a-b C540 | | | |
| MW (520-1605 kHz) | 550 kHz 1500 kHz | | | S416c-d C538 | | | |
| SW(5.95-9.775 MHz) | 6.18 MHz 9.87 MHz | | | S515 C536 | | | |
| MW (520-1605 kHz) | 550 kHz | | | | | | |
| Power off | 10.7 MHz via 4.7 nF | | | | S401,402 S403,404 | Selectivity U406 | max. |
| FM (87.5-104 MHz) man. | 96 MHz $\Delta f = 200$ kHz (50 Hz) via 4.7 nF | | | Tune in | S421,420 S419,418 S421,420 S419,418 | FM-tuner U405 | |
| FM (87.5-104 MHz) man. AFC | | | | S406 | FM-IF U407 | min. 30 mV ... | |
| FM (87.5-104 MHz) man. | | | Max.cap. | R615 | | 3.1 V ... | |
| | 88 MHz (50 Hz) $\Delta f = 200$ kHz | | 88 MHz | S422,411 | FM-tuner U405 | max. | |
| | | | Min.cap. | R619 | | 15.8 V ... | |
| | 105 MHz (50 Hz) $\Delta f = 200$ kHz | | Min.cap. | C457,425,435 | FM-tuner U405 | max. | |
| | 96 MHz | | 96 MHz | R617 | | max. | |

↑ Repeat - Herhalen - Répéter - Wiederholen - Ripetere - Repetere - Gentage - Gjentagelse - Toista



GB

- 1 Turn out the cores of the coils so that these cores are flush with the upper edges of the coil cans.
- 2 Set the pointer to 550 kHz
- 3 Tune to the centre of the band-pass curve. This is 10.7 MHz.
- 4 First set R604, 605, 615, 617 and 619 to mid-position.

F

- 1 Tourner les noyaux des bobines pour qu'ils soient à la même hauteur que la partie supérieure de la douille de bobine.
- 2 Mettre l'index sur 550 kHz.
- 3 Accorder sur le milieu de la courbe de réponse, c'est-à-dire 10,7 MHz.
- 4 Mettre R604, 605, 615, 617 et 619 au préalable, en position médiane.

I

- 1 Girare i nuclei delle bobine perchè siano alla stessa altezza che l'alto della bussola di bobina.
- 2 Posizionare l'indice su di 550 kHz.
- 3 Regolare sulla metà della curva di risposta, cioè su di 10,7 MHz.
- 4 Mettere prima R604, 605, 615, 617 e 619 in posizione intermedia.

DK

- 1 Uddrej spolekærerne således, at de er i niveau med spoledasernes øverste kant.
- 2 Indstil viseren på 550 kHz.
- 3 Afstem herfter til midten af gennemgangskurven. Dette er 10,7 MHz.
- 4 Sæt R604, 605, 615, 617, 619 i midterstilling.

SF

- 1 Kierrä kelasydän kelapurkin yläreunan tasalle.
- 2 Aseta osoitin 550 kHz:n kohdalle
- 3 Säädä keskelle läpäisykäyrää tämä on 10,7 MHz.
- 4 Ensin asenna aseta R604, 605, 615, 617, 619 keskiasentoon

NL

- 1 De kernen van de spoelen gelijkzetten met de bovenkant van de spoelbus.
- 2 De wijzer instellen op 550 kHz.
- 3 Stem af op het midden van de doorlaatkromme. Dit is 10,7 MHz.
- 4 R604, 605, 615, 617 en 619 vooraf in de middenstand plaatsen.

D

- 1 Die Kerne der Spulen mit der Oberseite der Spulenbüchse gleichstellen.
- 2 Den Zeiger auf 550 kHz einstellen.
- 3 Auf die Mitte der Durchlasskurve (d.h. auf 10,7 MHz) abstimmen.
- 4 R604, 605, 615, 617 und 619 zuvor in die Mittelstellung bringen.

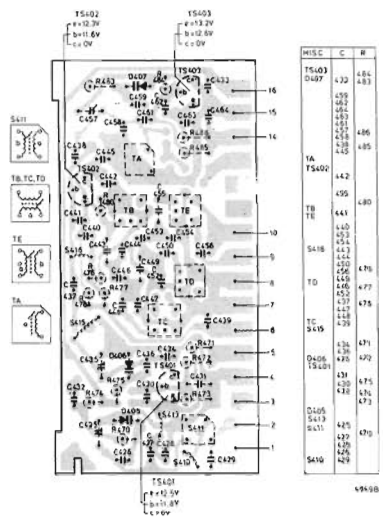
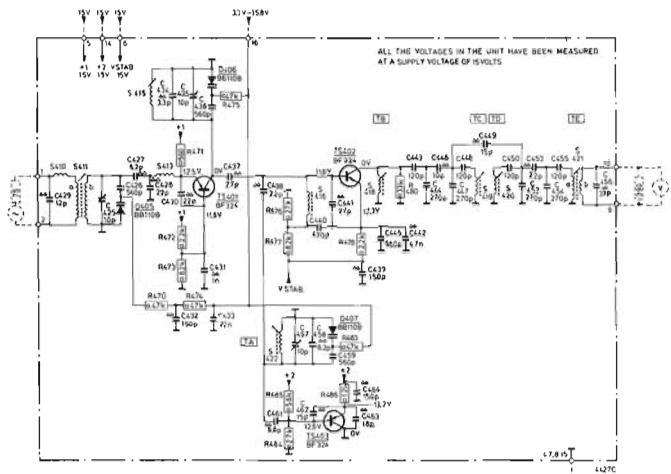
S

- 1 Vrid kärnorna så att de står i höjd med spolburkanane e e spolburkarnas överdel.
- 2 Ställ visaren på 550 kHz.
- 3 Avstäm till centrum i bandpasskurvan detta är 10,7 MHz.
- 4 Ställ R604, 605, 615, 617, 619 i mittläge.

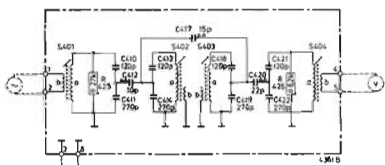
N

- 1 Skru ut kjernene på spolene, slik at disse kjernene står jevnt med overkantene på spoleboksene.
- 2 Sett viseren på 550 kHz.
- 3 Avstem til midten på bandpasskurven dette er 10,7 MHz.
- 4 Sett først R604, 605, 615, 617 og 619 i midtstilling.

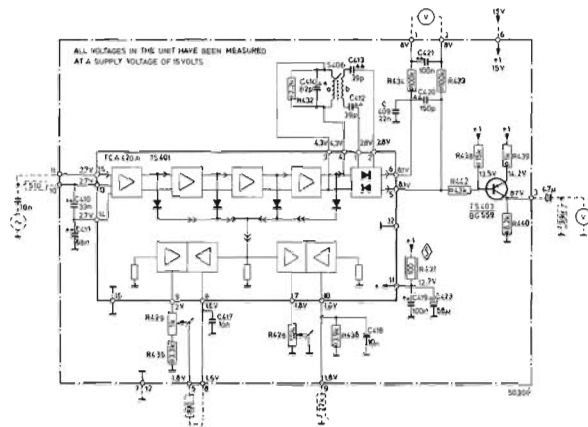
FM-TUNER



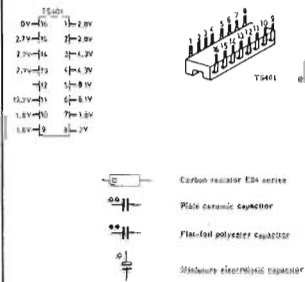
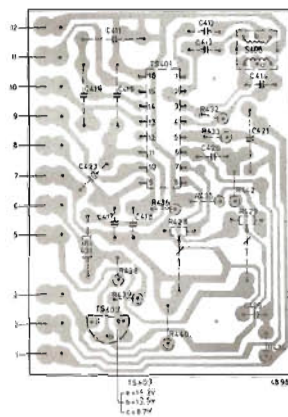
SELECTIVITY UNIT



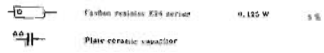
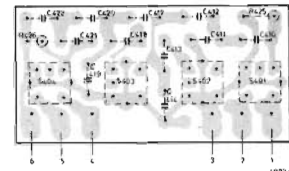
FM-IF UNIT

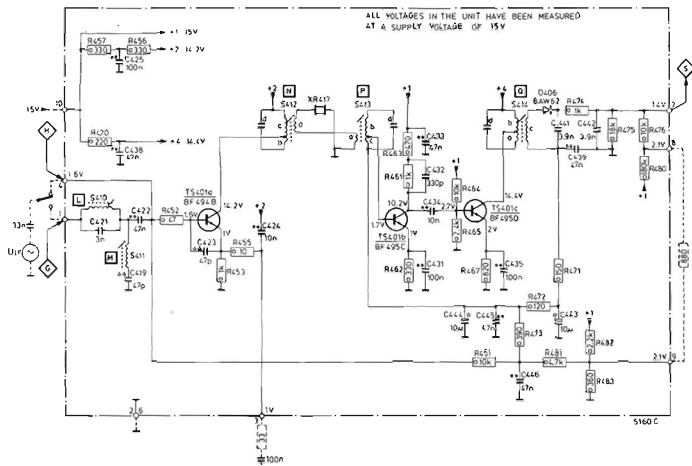






| MISC | TS408 | TS409 | TS410 | TS411 | TS412 |
|------|-------|-------|-------|-------|-------|
| C | 423 | 420 | 417 | 413 | 412 |
| R | 431 | 433 | 438 | 436 | 435 |

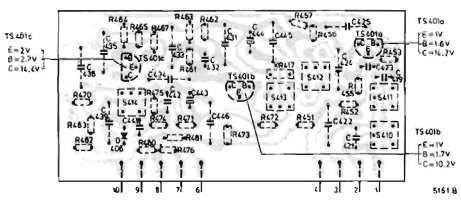


| MISC | TS408 | TS409 | TS410 | TS411 | TS412 |
|------|-------|-------|-------|-------|-------|
| C | 422 | 420 | 417 | 413 | 412 |
| R | 431 | 433 | 438 | 436 | 435 |



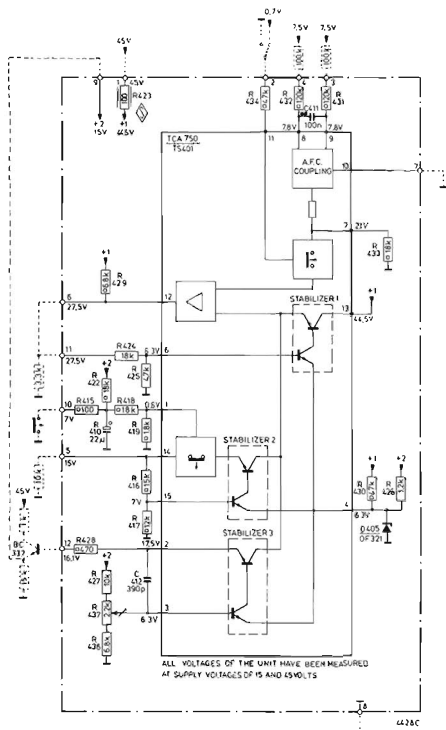


-  Carbon resistor E24 series 0.125 W 5 %
-  Plate ceramic capacitor
-  Film-foil polyester capacitor
-  Miniature electrolytic capacitor



S161 B

STABILIZER UNIT



Carbon Resistor E24 series 0.125 W 5%



Film-foil polyester capacitor



Miniature electrolytic capacitor

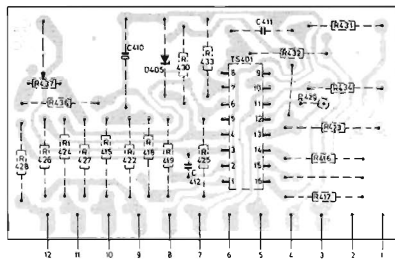


TS401



D405

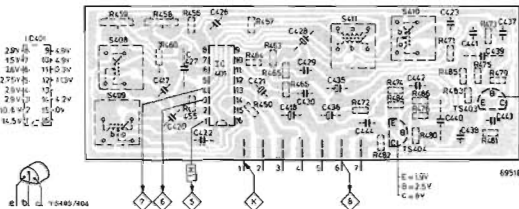
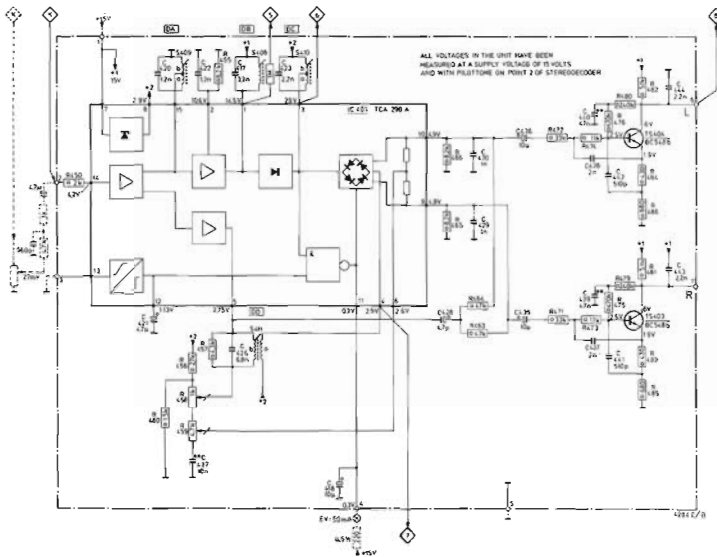
| MISC | D405 | | | TS401 | | |
|------|---|-----|--|---------------------------------|--|--|
| C | 410 | C12 | | 411 | | |
| R | 428 437 425 436 424 427 415 422 418 419 430 425 433 | | | 432 429 419 417 416 423 431 434 | | |






| TS401 | |
|---------|-----------|
| 7.8V-8 | 9)-7.6V |
| 2.1V-9 | 10)- |
| 5.3V-8 | 11)- |
| -5 | 13)-7.75V |
| 6.3V-4 | 14)-6.5V |
| 6.7V-3 | 15)-7V |
| 1.75V-2 | 16)-0V |

4098 B

STEREO DECODER



| SK ... |  |  |  |
|--|---|---|---|
| Wave range | Signal to . | Adjust | Indication |
| FM (87.5-104 MHz) | Pilot 19 kHz \pm 20 mV | DA | via 1 M Ω |
| | S (L - R = 5 kHz) | DB | 5 max |
| | Multiplex Right 1 kHz | DC | 6 max |
| | Multiplex Right 5 kHz | DD | 7 3 |
| | | R458 | 8 min |
| | | R459 | |
| Repeat - Herhalen - Répéter - Wiederholen - Ricominciare - Repetera - Gentage - Gjæntagelse - Toista | | | |

(GB)

- If the unit cannot be adjusted in the apparatus, one should simulate with a separate unit the situation in which the apparatus contains the unit. The relevant data have been indicated by dotted lines in the figure.
- Connect point 3 of the stereo decoder to mass and apply a sufficient strong signal to enable the stereo indicator to function.
- Connect an oscilloscope. Adjust the S-signal for maximum (1) and so that a well-defined zero passage is obtained. The envelopes of the L and R signals should intersect on the x-axis (2). See fig. 1.

(F)

- Si le block ne peut être ajusté dans l'appareil, il faudra recréer la situation une fois l'unité extraite de l'appareil. Les données s'y rapportant sont représentées en pointillés dans le schéma.
- Brancher le point 3 du décodeur stéréo à la masse et fournir un signal d'une telle intensité que l'indicateur stéréophonique se mette à fonctionner.
- Brancher un oscillographe. Régler le signal S sur maximum (1) pour que le passage du zéro soit précis (2).

(I)

- Se il blocco non può essere regolato nell'apparecchio, bisognerà ricreare le stesse condizioni con il blocco fuori dell'apparecchio. I dati che vi ci riferiscono vengono riprodotti con linee punteggiate nello schema.
- Collegare il punto 3 del decodatore stereofonico con massa e fornire un segnale di intensità tale da fare funzionare l'indicatore stereofonico.
- Collegare un oscillografo. Regolare gli involucri del segnale S su massimo (1) perché il passaggio del zero sia preciso (2). Gli involucri del segnale L e R debbono tagliarsi sull'asse dello zero (2), vedi fig. 1.

(DK)

- Hvis enheden ikke kan justeres i apparatet, skal man simulere med en separat enhed, svarende til den i apparatet. Samhørende data er angivet ved punkterede linjer i illustrationen.
- Forbind punkt 3 på stereo dekoderen til stel og tilfør et signal, der er tilstrækkelig stort til at fa stereo indikatoren til at fungere.
- Forbind et oscilloskop. Justér S-signalet til maksimum (1) således, at der opnas en veldefineret nulgenngang. Indhulningskurverne for L og R signalerne skal skære X-aksen (2). Se fig. 1.

(SF)

- Mikäli yksikköä ei voida säätää laitteeseen kiinnitettynä olisi tilannetta pyrittävä toistamaan mahdollisimman tarkoin samantilaisessa tilanteessa laitteen ulkopuolella. Vastava informaatio on piirretty kuvassa katkoviivoilla.
- Yhdistä stereodekooderin piste 3 runkoon ja syötä riittävän voimakas signaali, jotta stereomerkkitalamppu saadaan toimimaan.
- Liitä oskilloskooppi. Säädä S-signaali maksimiin (1) siten, että selvästi erotuttava nolla kohta tulee näkyviin. L ja R signaalien verkohäyrien tulisi leikata X-akselilla (2). Kts. kuvaa 1.

(NL)

- Indien de unit niet in het apparaat afgeregeld kan worden moet bij de losse unit de situatie in het apparaat nagebootst worden. De gegevens hiervoor zijn gestippeld getekend.
- Punt 3 van de stereodecoder aan massa leggen en een dusdanig sterk signaal toevoeren dat de stereodicator werkt.
- Sluit een oscillograf aan. Het S-signaal op maximum (1) afregelen en zo dat een scherpe nuldoorgang verkregen wordt (2). De omhullenden van het L en R signaal moeten elkaar op de nulas snijden (2) (zie fig. 1).

(D)

- Wenn die Einheit nicht im Gerät justiert werden kann, muss man in der aus dem Gerät entfernten Einheit, die Situation im Gerät nachgeahmt werden. Die Daten sind in den Schaltbild mit gestrichelten Linien gezeichnet.
- Lege Punkt 3 des Stereodecoders an Masse und führe solch ein Signal zu dass der Stereoindikator in Tätigkeit gesetzt wird.
- Schliesse einen Oszillografen an. Justiere das S-Signal auf Maximum (1), und so dass ein scharfer Nulldurchgang erhalten wird. Die Umhüllungskurven des L und R Signals sollen sich an der Nullachse schneiden (2) Siehe Abb. 1.

(S)

- Om enheten inte kan justeras i apparaten måste man simulera en situation som motsvarar apparat med enhet. Motsvarande data indikeras med streckade linjer i figuren.
- Anslut stereodekoderns punkt 3 till jord och anslut en tillräckligt stark signal så att stereodikatorn arbetar.
- Anslut ett oscilloskop. Justera S-signalen till max (1) och så att en väldefinierad noll passage erhålls. Västanter- och höger-signalernas kurvor skall skära varandra på X-axeln (2), se fig. 1.

(N)

- Hvis enheten ikke kan justeres i apparatet, må man simulere, med en separat enhed, situationen i apparatet som inneholder enheten. Relevante data er vist med prikkede linjer i figuren.
- Forbind punkt 3 på stereodekoderen til jord og tilfør et tilstrækkelig stort signal for at stereodekoderen skal virke.
- Tilkoble et oscilloskop. Justér S-signalet til maks. (1) og slik at en veldefineret 0-gjennngang oppnas. Kurven av L og R-signalet skal skjære x-aksen (2). Se fig. 1.

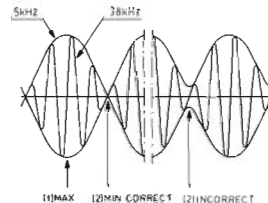
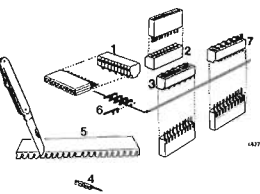
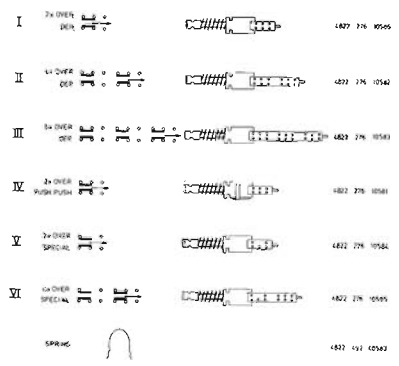
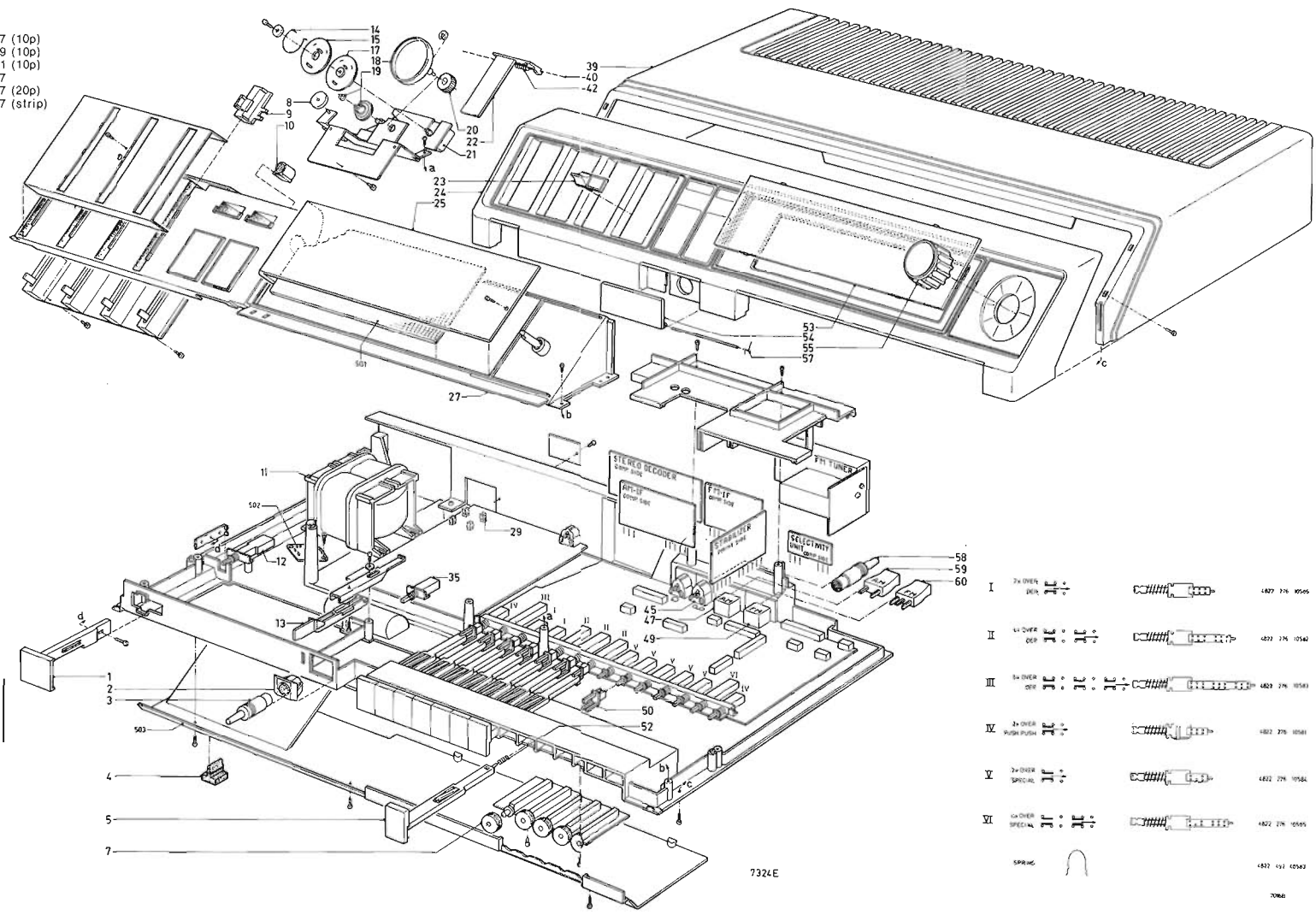










Fig 1



| Item | Code number |
|------|------------------------|
| 1 | 5322 267 64027 (10p) |
| 2 | 4822 267 50209 (10p) |
| 3 | 4822 267 50211 (10p) |
| 4 | 4822 268 10107 |
| 5 | 5322 167 64007 (20p) |
| 6 | 5322 264 54017 (strip) |

| | |
|----|----------------|
| 1 | 4822 410 40082 |
| 2 | 4822 267 40215 |
| 3 | 4822 264 40092 |
| 4 | 4822 462 70993 |
| 5 | 4822 410 40083 |
| 7 | 4822 413 30625 |
| 8 | 4822 528 80155 |
| 9 | 4822 278 20321 |
| 10 | 4822 255 10007 |
| 11 | 4822 145 50061 |
| 12 | 4822 276 10541 |
| 13 | 4822 410 30113 |
| 14 | 4822 492 40553 |
| 15 | 4822 522 31207 |
| 17 | 4822 217 31208 |
| 18 | 4822 528 40194 |
| 19 | 4822 522 31209 |
| 20 | 4822 522 31126 |
| 21 | 4822 125 20184 |
| 22 | 4822 450 80436 |
| 23 | 4822 411 60446 |
| 24 | 4822 426 50177 |
| 25 | 4822 333 50526 |
| 27 | 4822 466 70288 |
| 29 | 4822 492 60063 |
| 35 | 4822 276 10558 |
| 39 | 4822 425 60094 |
| 40 | 4822 321 30215 |
| 42 | 4822 492 31225 |
| 45 | 4822 267 40209 |
| 47 | 4822 267 20154 |
| 49 | 4822 267 20153 |
| 50 | 4822 328 20194 |
| 52 | 4822 492 51117 |
| 53 | 4822 450 60133 |
| 54 | 4822 426 90027 |
| 55 | 4822 413 50878 |
| 57 | 4822 492 40572 |
| 58 | 4822 264 40023 |
| 59 | 4822 264 30042 |
| 60 | 4822 264 30043 |



| | | | | | |
|--------------|---|----------------|------------|---|----------------|
| -U- | Units | | -C- |  | |
| 405 | FM-tuner | 4822 210 10179 | 418 | Var.cap. | 4822 125 20184 |
| 406 | FM-selectivity | 4822 214 50123 | 413,414 | Plate cap 220 nF | 4822 124 20481 |
| 407 | FM-IF | 4822 214 50124 | 417,418 | Plate cap 270 pF | 4822 122 31168 |
| 409 | Stereo-decoder | 4822 210 30027 | 425,426 | Plate cap 560 pF | 4822 122 30126 |
| 410 | AM-IF 452 | 4822 212 40018 | 435 | Elco 4700 μ F, 40 V | 4822 124 70173 |
| | 460 | 4822 214 50122 | 437,438 | Place cap 2.2 nF | 4822 122 30114 |
| | 470 | 4822 214 50134 | 439,440 | Plate cap 220 pF | 4822 122 31173 |
| 411 | Stabilizer | 4822 214 50125 | 523,524 | Flat cap 150 nF | 4822 121 40104 |
| | | | 529 | Plate cap 1 nF | 4822 122 31175 |
| | | | 531 | Plate cap 390 pF | 4822 122 30091 |
| -S- |  | | 532 | Micro poco 2.7 nF | 4822 121 50474 |
| | | | 535 | Plate cap 120 pF | 4822 122 30093 |
| 414 | Mains transformer | 4822 145 50061 | 536,537 | Trimmer 20 pF | 4822 125 50045 |
| 415 | Ferroceptor | 4822 158 60366 | 540,547 | Trimmer 20 pF | 4822 125 50045 |
| 515 | Aerial coil SW | 4822 156 40613 | 549 | Micro poco 169 pF | 4822 121 50616 |
| 516 | Oscill. coil SW | 4822 156 30492 | 551 | Trimmer 20 pF | 4822 125 50045 |
| 517 | Oscill. coil MW | 4822 156 30493 | 552 | Plate cap 8.2 pF | 4822 122 31194 |
| 518 | Oscill. coil LW | 4822 156 30494 | 553 | Micro poco 294 pF | 4822 121 50617 |
| 519 | Trafo 300/75 ohm | 5322 158 10333 | 554 | Plate cap 2.2 nF | 4822 122 30114 |
| | | | 555 | Trimmer 20 pF | 4822 125 50045 |
| | | | 556 | Plate cap 120 pF | 4822 122 30093 |
| | | | 557 | Micro poco 1.8 nF | 5322 121 54055 |
| -TS- |  | | 561,562 | Flat cap 470 nF | 4822 121 40438 |
| 401,402 | BC559 | 4822 130 40963 | 567,568 | Plate cap 220 pF | 4822 122 31173 |
| 403,404 | BC548 | 4822 130 40938 | 569,570 | Micro poco 4.3 nF | 5322 121 54062 |
| 405,406 | BC558 | 4822 130 40941 | 581,582 | Plate cap 560 pF | 5322 122 30115 |
| 407,408 | BC548 | 4822 130 40938 | 589 | Plate cap 1 nF | 4822 122 31175 |
| 501 | BC548 | 4822 130 40938 | 590-593 | Plate cap 10 nF | 4822 122 30043 |
| 502 | BF495 | 4822 130 40947 | | | |
| 503,504 | BC559 | 4822 130 40963 | | | |
| 505,506 | BC548B | 4822 130 40937 | | | |
| 507 | BD135 | 5322 130 40645 | | | |
| 508 | BF241 | 4822 130 40898 | | | |
| | Output amplifier | | | | |
| 501 | BC546 | 4822 130 41001 | | | |
| 502,503 | BC548B | 4822 130 40937 | | | |
| 504,505 | BC338 | 5322 130 44121 | | | |
| 506,507 | BC328 | 5322 130 44104 | | | |
| -LA- |  | | -R- |  | |
| 426 | 6.3 V, 44 mA | 4822 134 40331 | 460,464 | Potm. 10 turn preset | 4822 101 90056 |
| 427,429 | 6 V, 100 mA | 4822 134 40326 | 441 | Potm. 100 k spec. | 4822 101 20468 |
| 430 | 6 V, 250 mA | 4822 134 40007 | 464 | Saf. res. 100 R | 4822 111 30343 |
| | | | 465 | Slide potm. vol | 4822 105 10153 |
| -IND- |  | | 490,491 | Slide potm. bass/high | 4822 105 10226 |
| 420 | Tuning | 4822 347 10131 | 510 | Slide potm. bal. | 4822 105 10227 |
| 421 | Preset | 4822 347 10132 | 535 | Saf. res. 82E | 4822 111 30456 |
| | | | 536 | Saf. res. 2K7 | 4822 111 30449 |
| -VL- |  | | 539 | Saf. res. 33E | 4822 111 30004 |
| 515,516 | 315 mA slow | 4822 253 30014 | 604 | Trimpotm. 10 k | 4822 100 10035 |
| | Trafofuse | 4822 252 20071 | 605 | Trimpotm. 220 k | 4822 100 10086 |
| | | | 615 | Trimpotm. 10 k | 4822 100 10035 |
| | | | 617 | Trimpotm. 220 k | 4822 100 10088 |
| | | | 619 | Trimpotm. 22k | 4822 100 10029 |
| | | | 623 | Saf. res. 22 R | 4822 111 50346 |
| | | | 641 | VDR | 4822 116 20073 |
| | | | 667,668 | Met. film res 100K | 5322 116 54696 |
| | | | 669,670 | Met. film res 18K | 5322 116 54638 |
| | | | 679,680 | Met. film res 220K | 5322 116 54038 |
| | | | 685,686 | Met. film res 100K | 5322 116 54696 |
| | | | 689,690 | Met. film res 36K | 5322 116 54662 |
| | | | 695,696 | Met. film res. 6K8 | 5322 116 54012 |
| | | | 709 | Saf. res. 100 R | 4822 411 30343 |
| -D- |  | | | | |
| 510,511 | BAW62 | 5322 130 30613 | | | |
| 512,513 | BZX75, 2V1 | 5322 130 34049 | | | |
| 514 | BY164 | 5322 130 30414 | | | |