

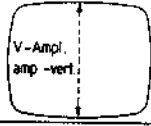
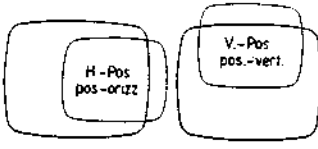
TELEFUNKEN SERVICE

FERNSEHEN
TELEVISION
TÉLÉVISION

Chassis 318 A

Bestell-Nr. 319 494 504

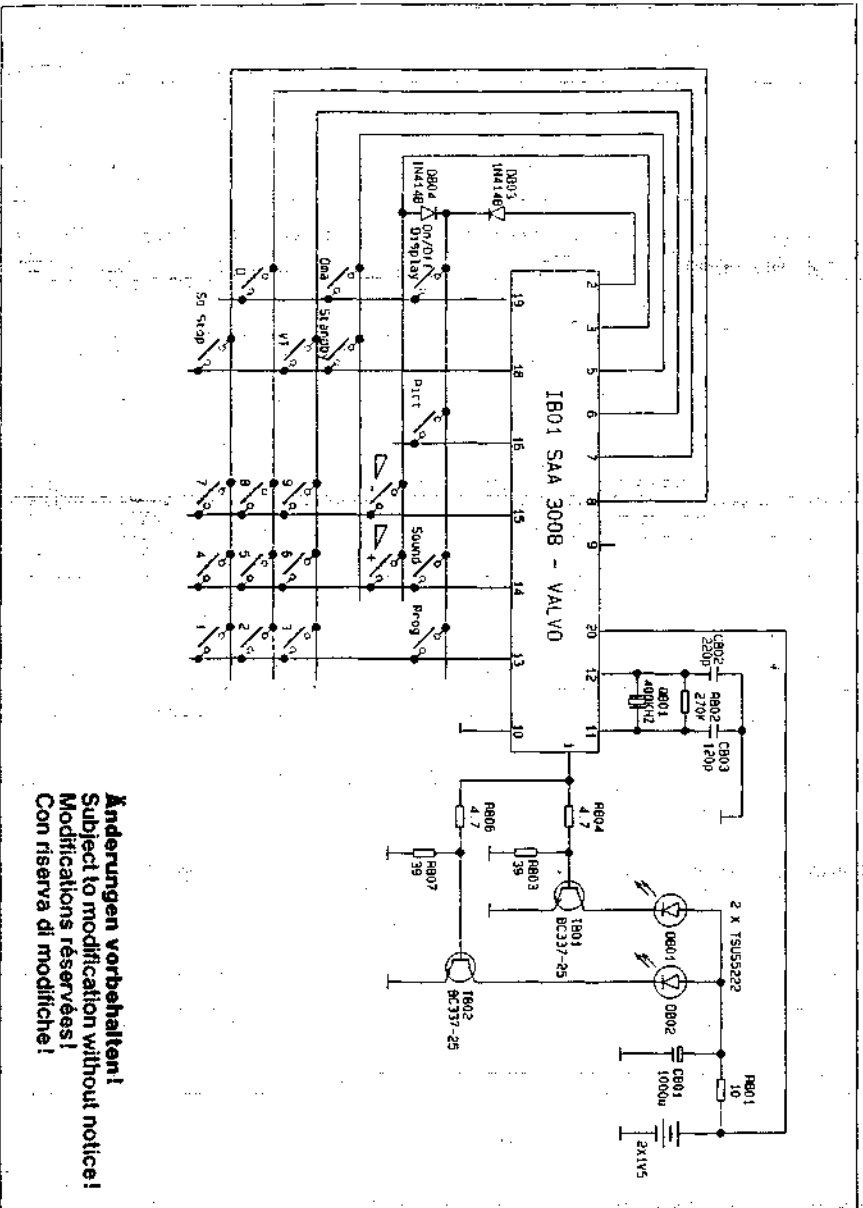
Service-Einstellungen · Regolazioni di servizio · Service adjustments · Réglages de service

| | | |
|--|---|--|
| <p>① Chassis · Telaio · Chassis</p> <p>Hauptspannung, Tensione principale, Principal voltage, Tension principale } U_{sys} 104 V</p> <p>1. ⚙ min. 2. PP 01 → 104 V ± 1 V</p> | <p>LC 03; 5,5 MHz Tonfalle · trappola tono · sound trap</p> <p>1. Oscilloscop. - SE 01/pin 10 2. Schwarz-Weiß-Testbild (ohne Burst) segnale bianco-nero (senza burst) black + white signal (without burst) 3. LC 03 → 5,5 MHz min.</p> | <p>2. Oscilloscop.: 2 Zeilen triggern · trig. 2 lines trigger to 2 lines 3. PC 01/LC 02 wechselweise · alternativo · alternating → min. jitter</p> |
| <p>PF 01</p>  | <p>U_{G2} Schirmgitterspannung · tensione griglia schermo · screen grid voltage</p> <p>1. Grautreppe · scala grigio · grey scale 2. ⚙ + ⚙ → standard, [III] → min. 3. U_{G2} - alle Grauwerte sichtbar · visione tutti toni grigi · all grey scale values visible</p> | <p>⑤ Bildröhrenplatte · piastra cinescopio · CRT-board</p> <p>I. Weißabgleich · aggiustamento bianco · white adjustment</p> <p>1. ⚙ + ⚙ → max. 2. Schwarz-Weiß-Testbild · segnale bianco-nero · black + white test pattern 3. PV 104/PV 105 wechselweise · alternativo · alternating → Bild auf min. Farbstich · colore a livello minimo · to min. color shade</p> |
| <p>PF 02 RF 13/14/15</p>  | <p>PC 01 PAL-Amplitude · Amplitude PAL · LC 02 PAL-Phase · Fase PAL</p> <p>1. Oscilloscop. - (R) R-Y</p> | <p>II. Grausabgleich · aggiustamento grigio · grey adjustment</p> <p>1. Schwarz-Weiß-Testbild · segnale bianco-nero · black + white test pattern 2. ⚙ + ⚙ → Bild gerade noch sichtbar · quadro appena visibile · picture just visible 3. PV 101/102/103 wechselweise · alternativo · alternating → Bild auf min. Farbstich · colore a livello minimo · to min. color shade 4. Einstellung I bei Bedarf wiederholen · aggiustamento I se necessario ripetere · repeat adjustment I if necessary</p> |

Bauteilekennzeichnung der Funktionsstufen
Codice componenti con sigla dello stadio
Signification of components of the stages
Désignation des composants et des circuits

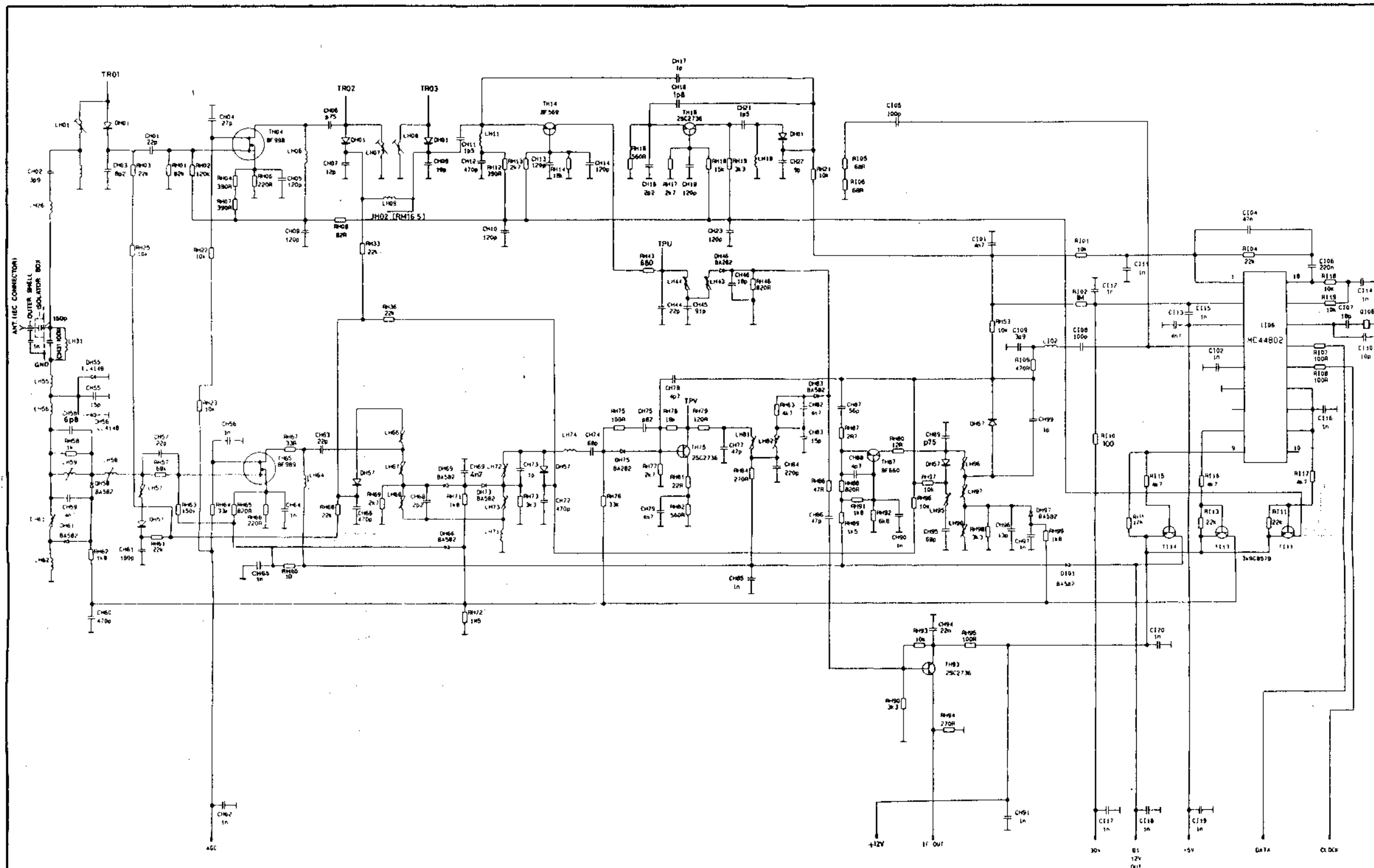
| | | |
|-------------------------|----------|---------------------------|
| RC, CC, DC, TC, LC etc. | → Chroma | (PAL-Decoder, Decoder F) |
| RF, CF, DF, TF, LF etc. | → Field | (Vertikal, Verticale) |
| RL, CL, DL, TL, LL etc. | → Line | (Horizontal, orizzontale) |
| RP, CP, DP, TP, LP etc. | → Power | (Netzteil, Alim. rete) |
| RS, CS, DS, TS, LS etc. | → Sound | (Audio) |
| RV, CV, DV, TV, LV etc. | → Video | (Video) |

Fernbedienung · Remote control · Télécommande · Telecomando



Änderungen vorbehalten!
 Subject to modification without notice!
 Modifications réservées!
 Con riserva di modifiche!

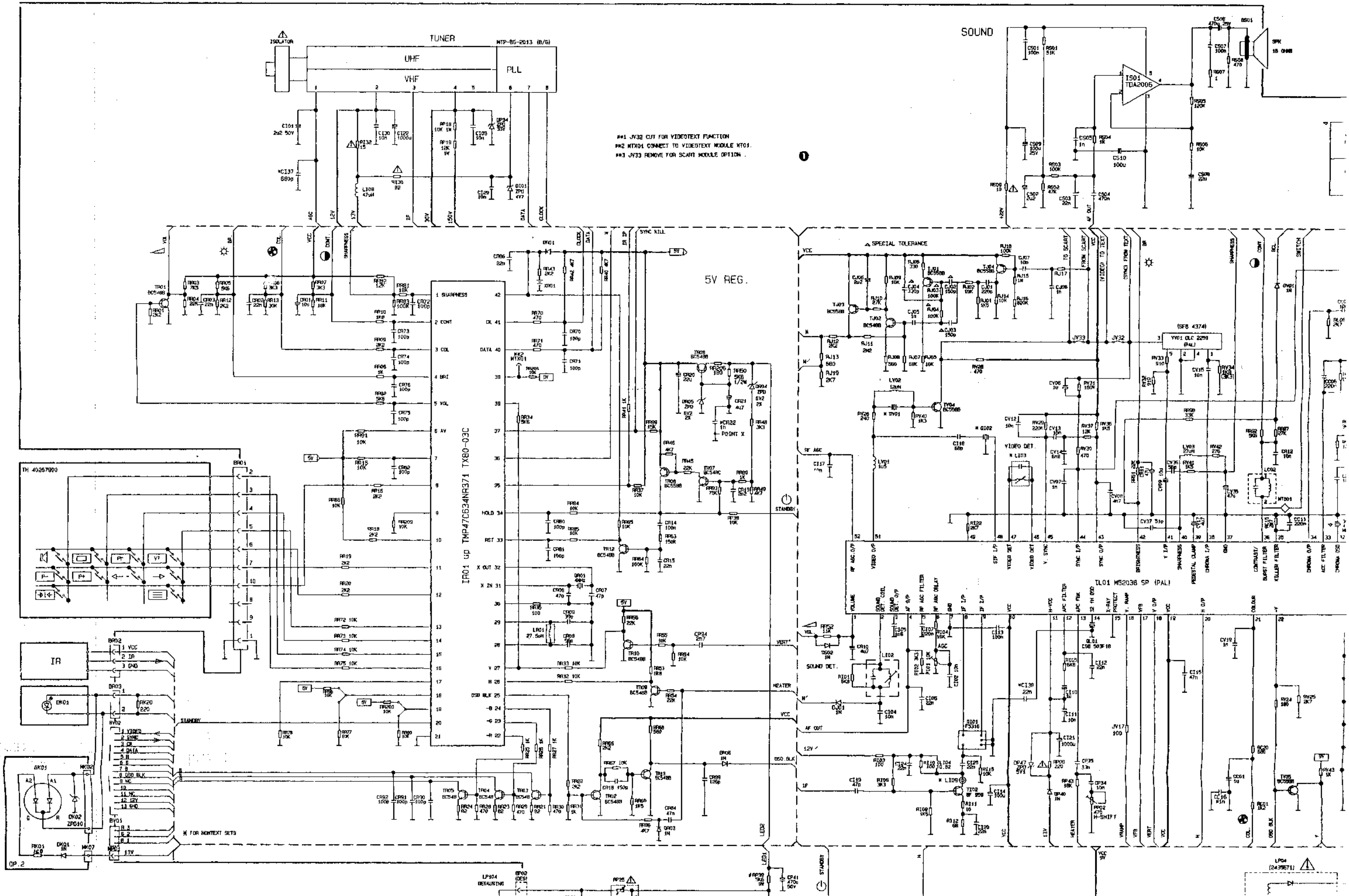
VHF-UHF-Tuner/ZF-IF/PLL



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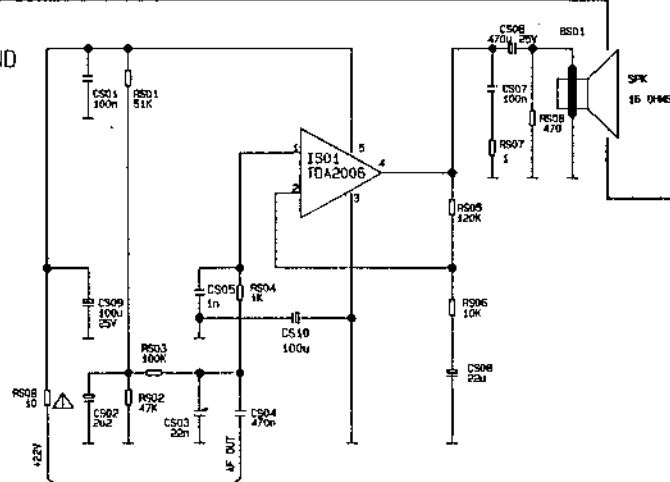
1 Chassis telaio

10 Bildröhrenplatte
Plastra cinescopio
CRT-board
Platine du tube image



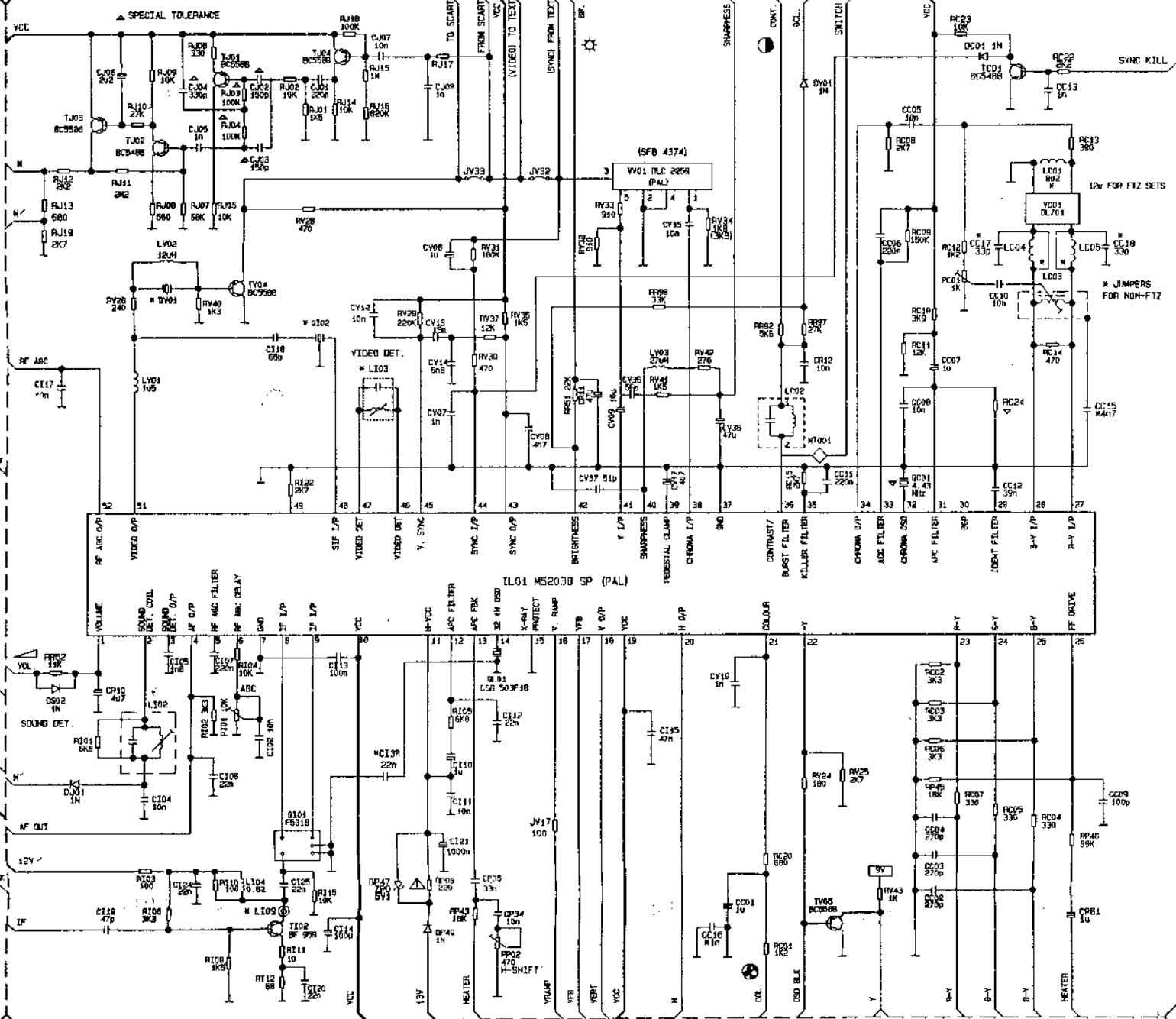
#W1 JY32 CUT FOR VIDEOTEXT FUNCTION
 #W2 NTX01 CONNECT TO VIDEOTEXT MODULE NT01.
 #W3 JY23 REMOVE FOR SCART MODULE OPTION.

SOUND

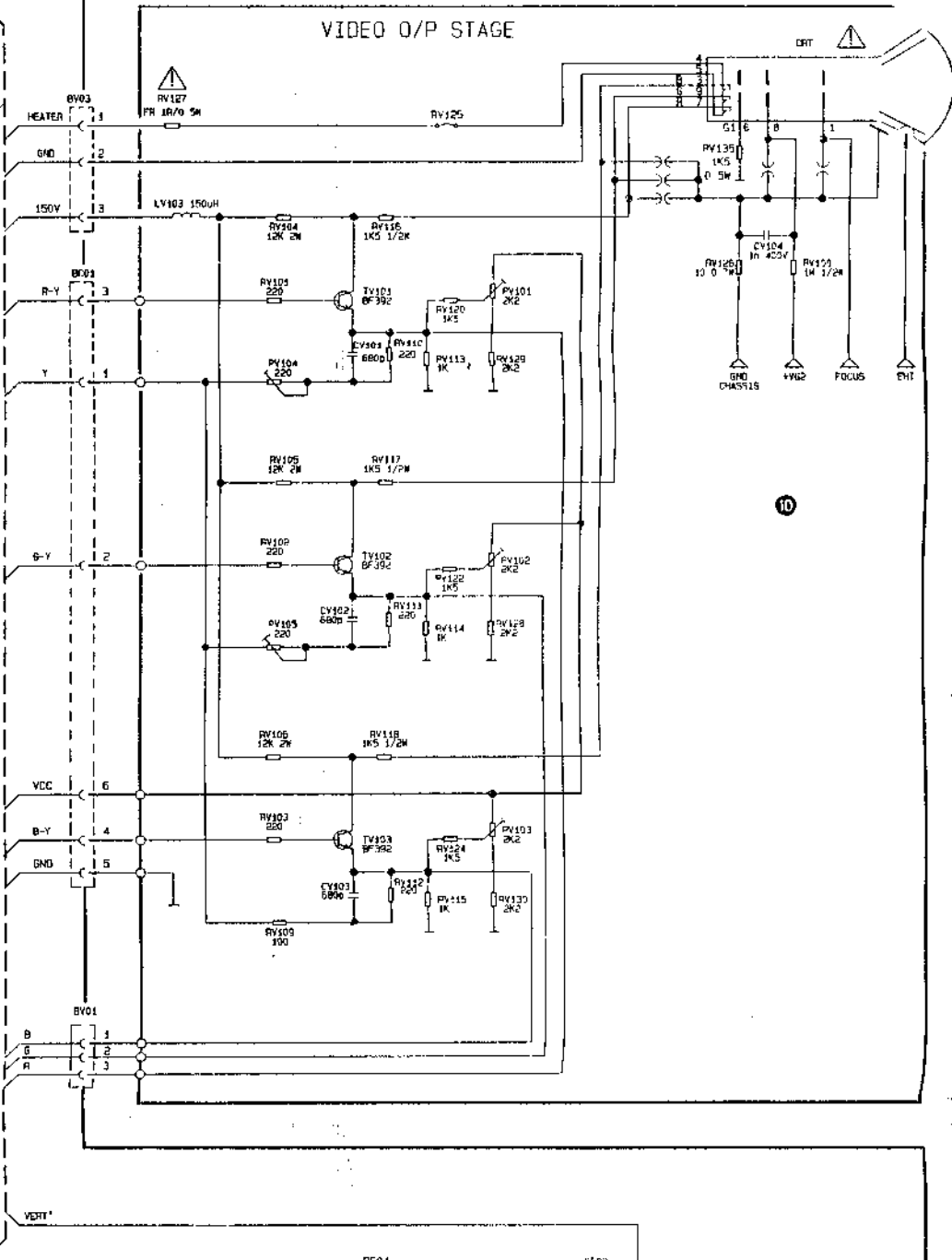


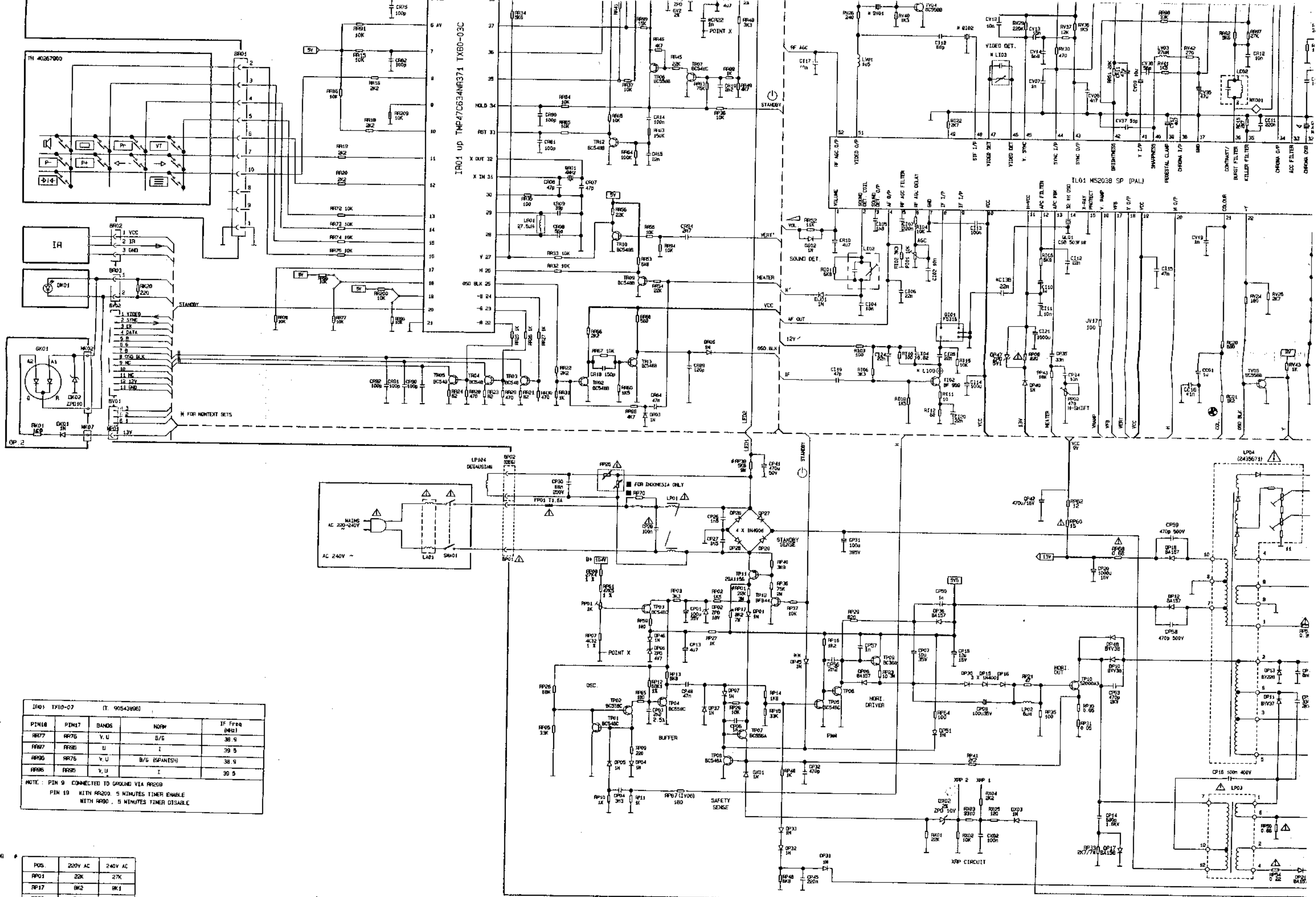
| | | |
|-------------|------|----------------------|
| FE & EUROPE | OC01 | 40-404371 |
| | RC24 | 41179702 RZF 5.94 |
| EUROPE ONLY | OC01 | 30597300 |
| | RC24 | 41328902 RZF 3.94 |

5V REG.



VIDEO O/P STAGE



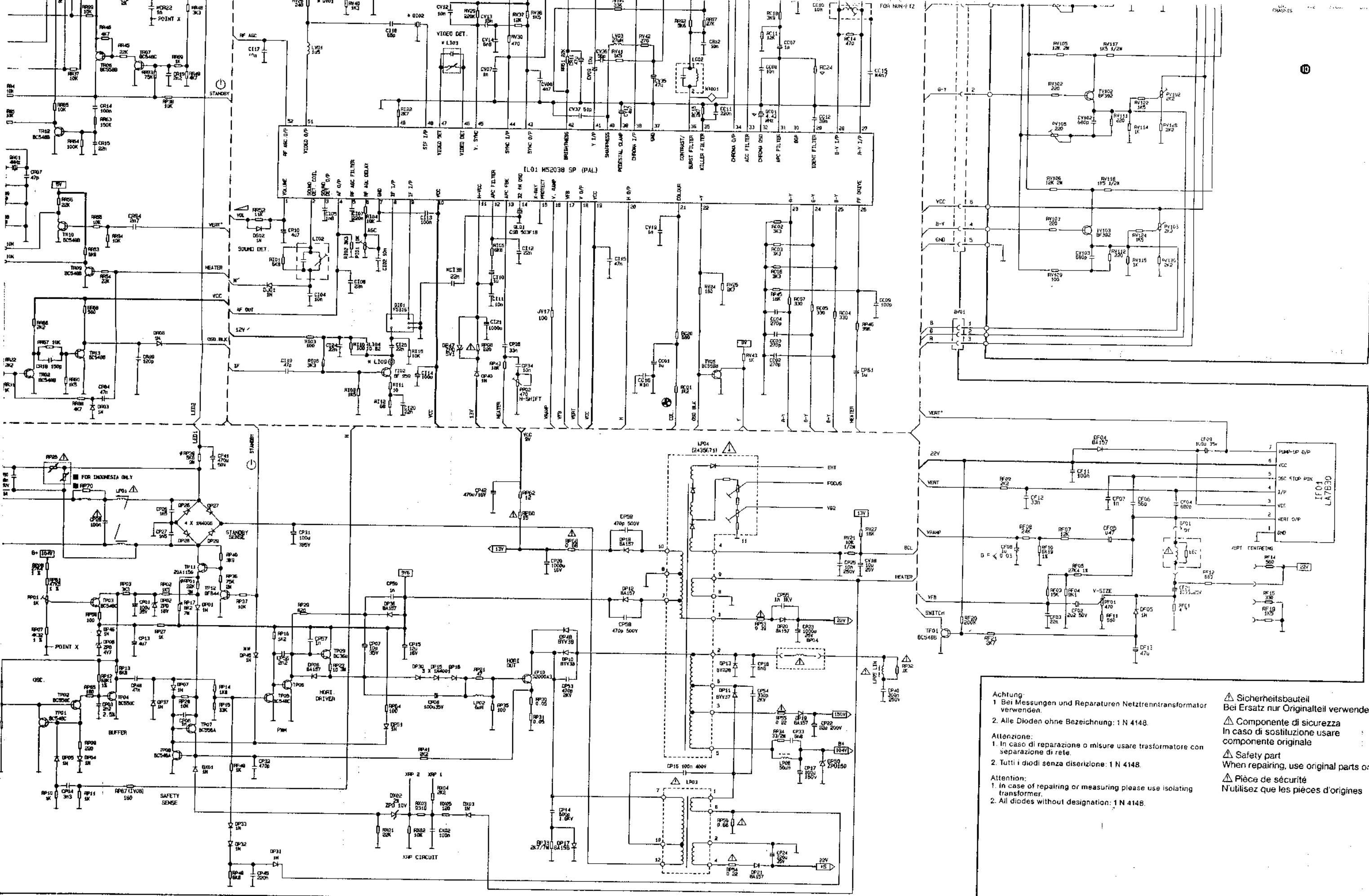


| IR01: TX80-07 (T. 9054366) | | | | |
|----------------------------|-------|-------|---------------|---------------|
| PIN18 | PIN17 | BANDS | NOFM | IF Freq (MHz) |
| RR77 | RR75 | V. U | B/G | 38.9 |
| RR87 | RR85 | I | I | 39.5 |
| RR95 | RR75 | V. U | B/G (SPANISH) | 38.9 |
| RR95 | RR85 | V. U | I | 39.5 |

NOTE: PIN 9 CONNECTED TO GROUND VIA RP29
 PIN 19 WITH RP200, 5 MINUTES TIMER ENABLE
 WITH RP90, 5 MINUTES TIMER DISABLE

| POS. | 220V AC | 240V AC |
|------|---------|---------|
| RP01 | 22K | 27K |
| RP17 | BK2 | BK1 |
| RP38 | 5K6 | 6K8 |

** FOR AC-DC MODELS ONLY



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- Achtung:**
 1. Bei Messungen und Reparaturen Netztrenntransformator verwenden.
 2. Alle Dioden ohne Bezeichnung: 1 N 4148.
- Attenzione:**
 1. In caso di riparazione o misure usare trasformatore con separazione di rete.
 2. Tutti i diodi senza dizione: 1 N 4148.
- Attention:**
 1. In case of repairing or measuring please use isolating transformer.
 2. All diodes without designation: 1 N 4148.

- ⚠ Sicherheitsbauteil
 Bei Ersatz nur Originalteil verwenden
- ⚠ Componente di sicurezza
 In caso di sostituzione usare componente originale
- ⚠ Safety part
 When repairing, use original parts only
- ⚠ Piéce de sécurité
 N'utilisez que les pièces d'origines

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