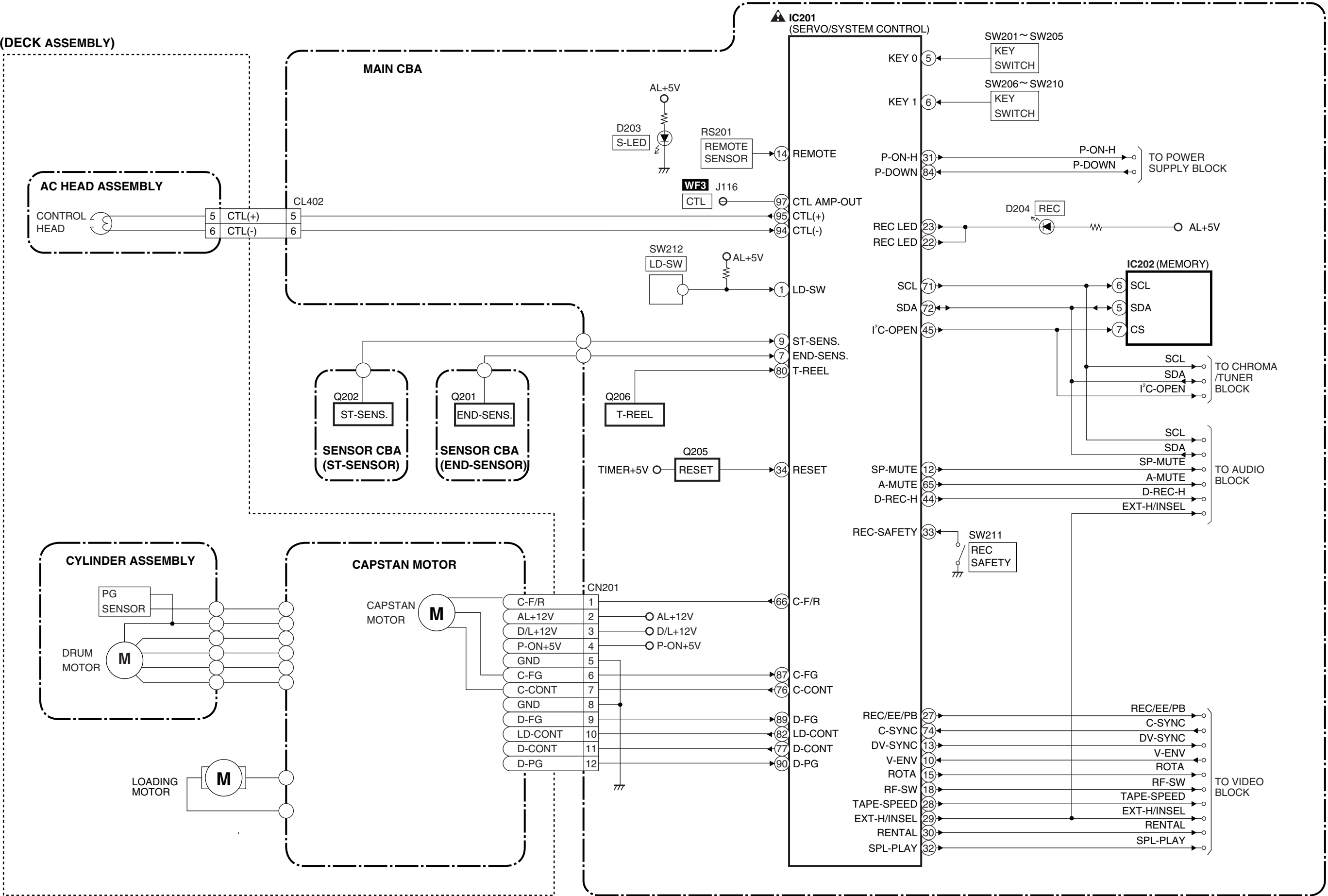


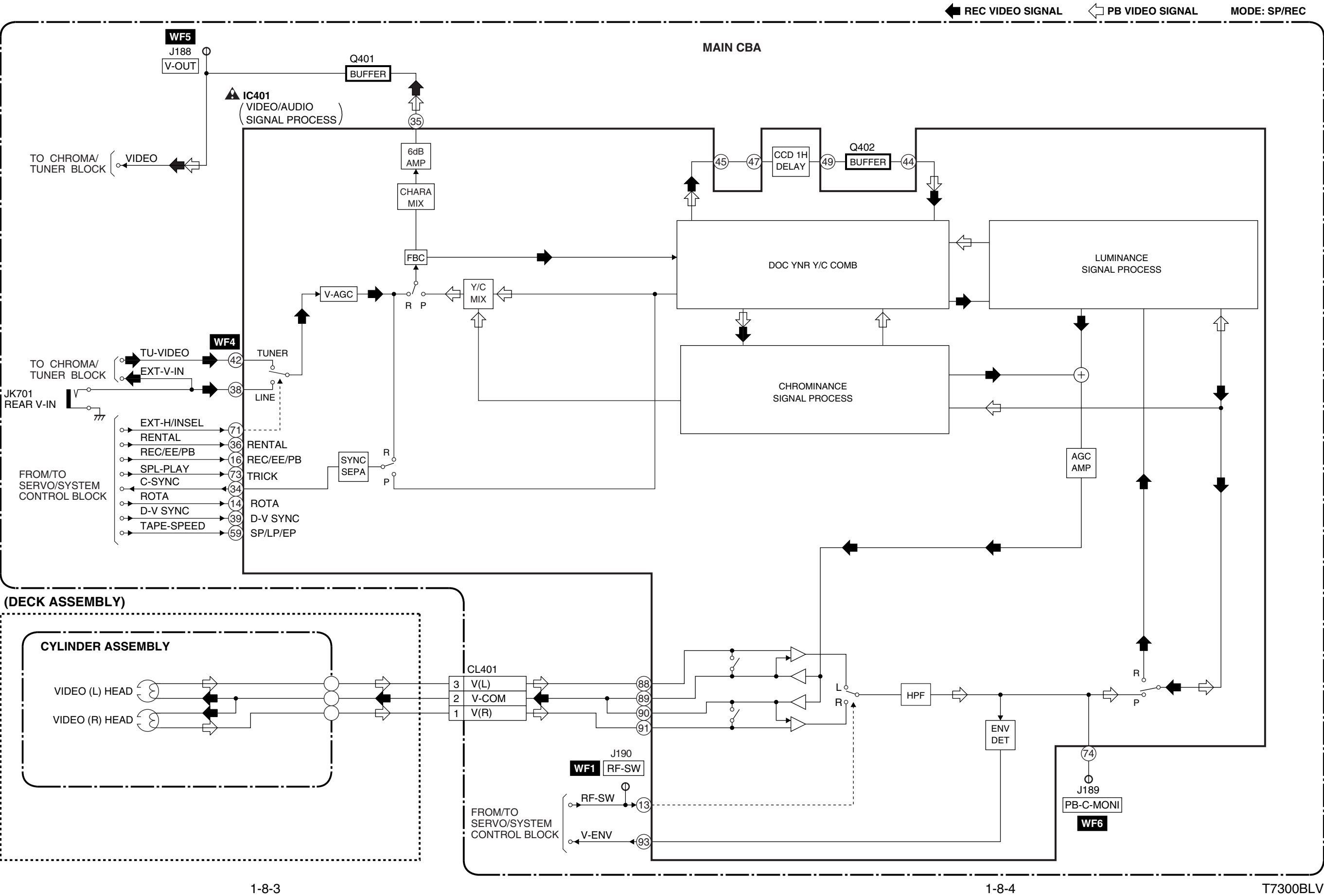
BLOCK DIAGRAMS

Servo/System Control Block Diagram

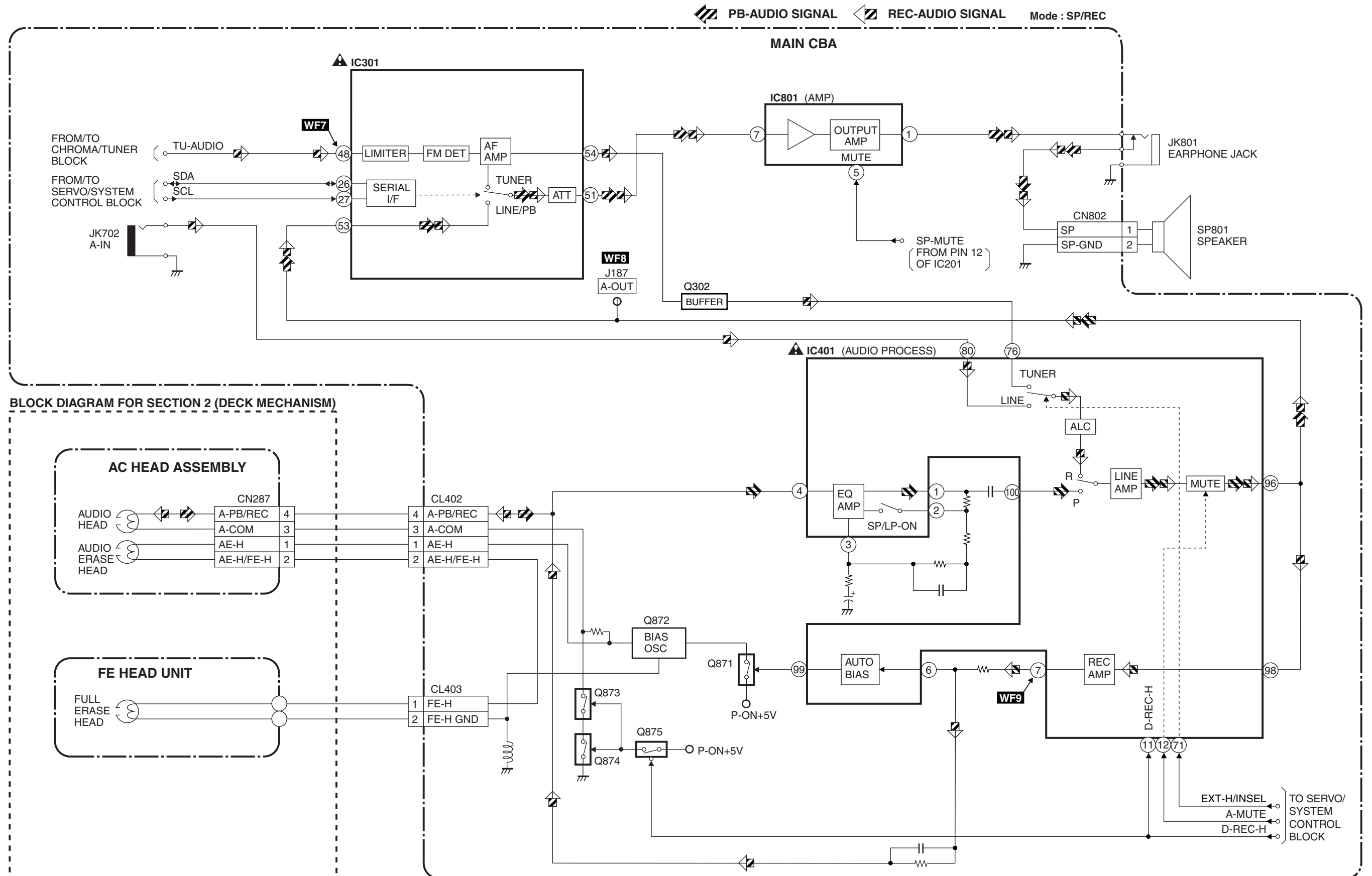
(DECK ASSEMBLY)



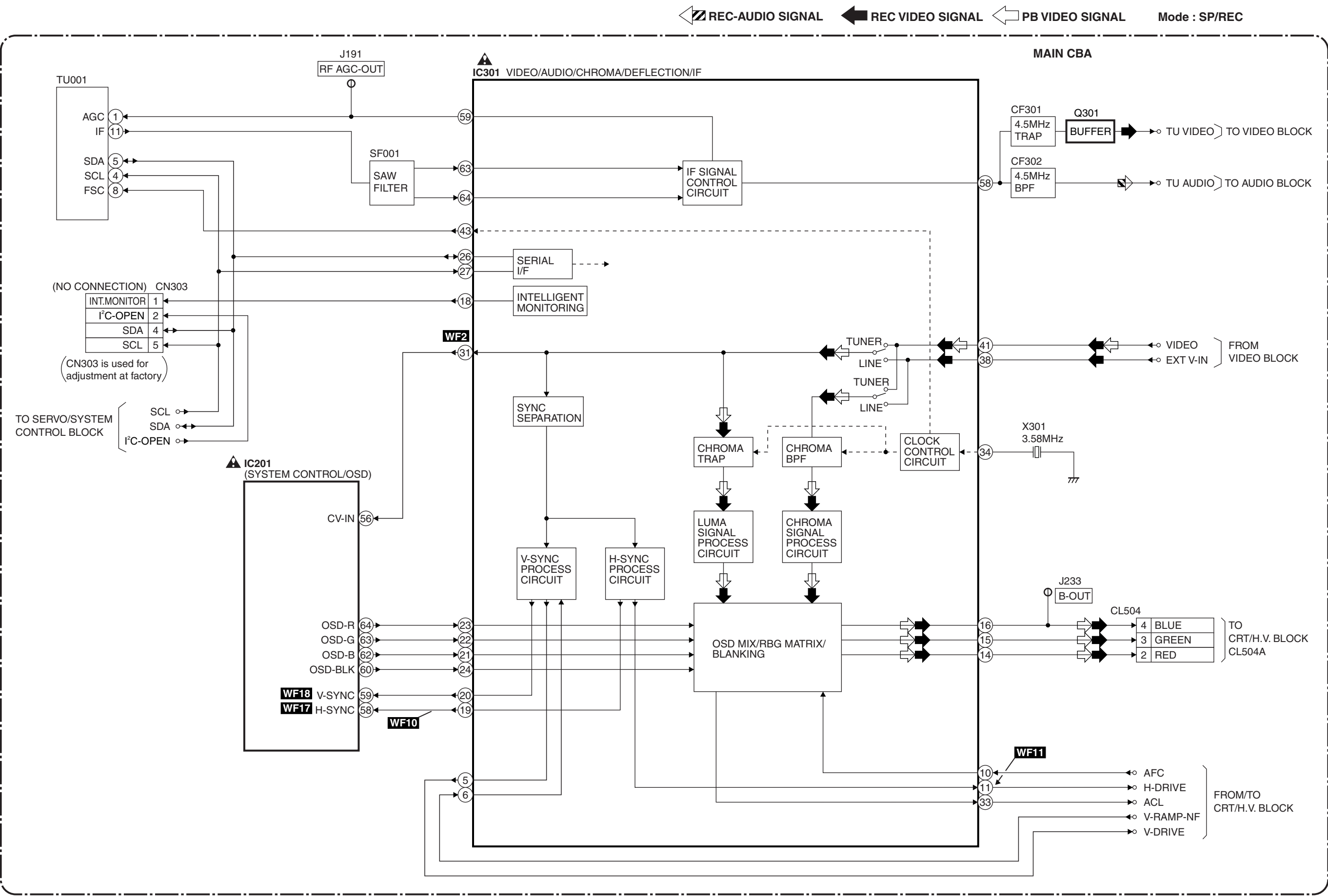
Video Block Diagram



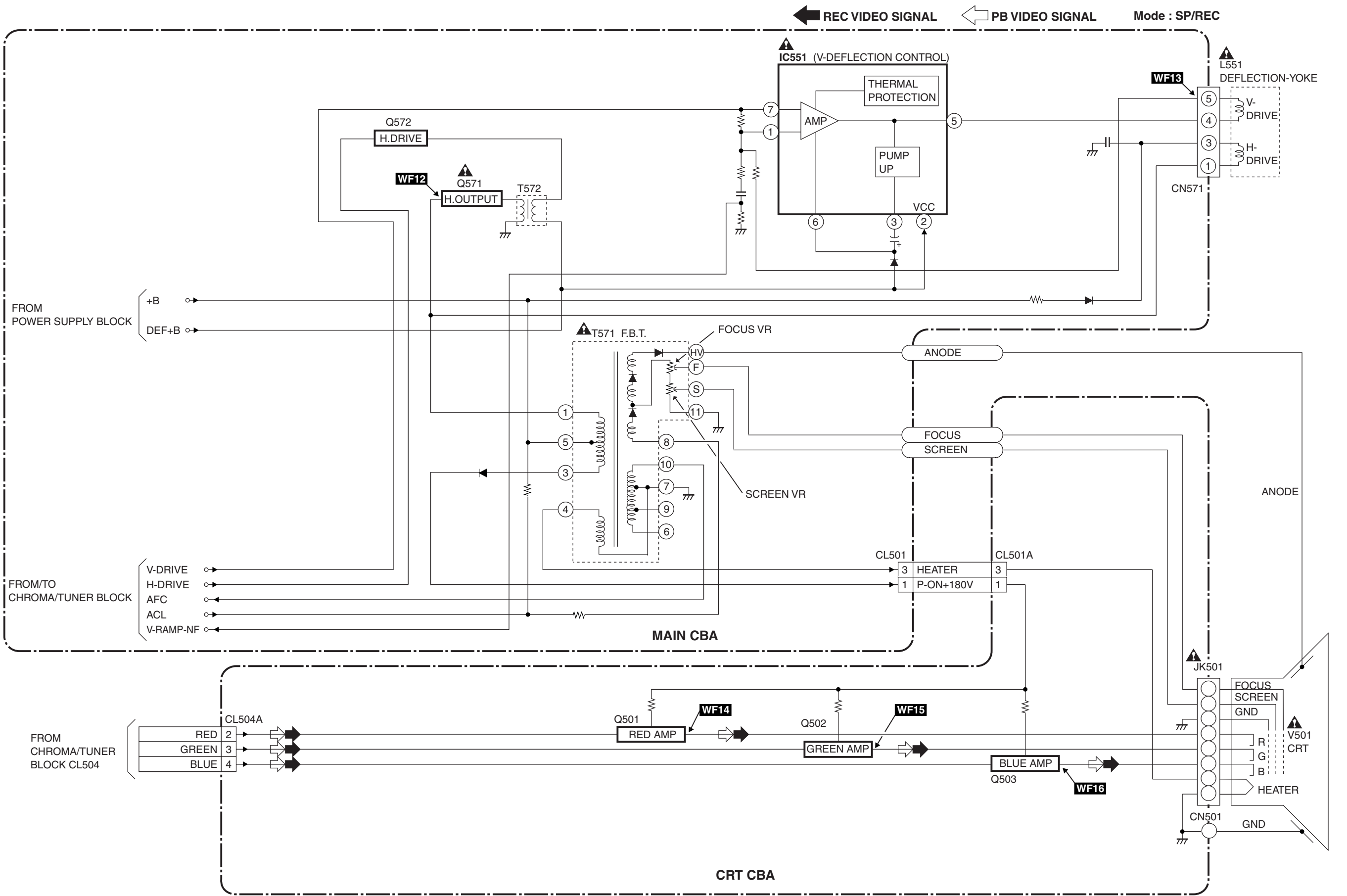
Audio Block Diagram



Chroma/Tuner Block Diagram

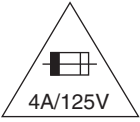


CRT/H.V. Block Diagram



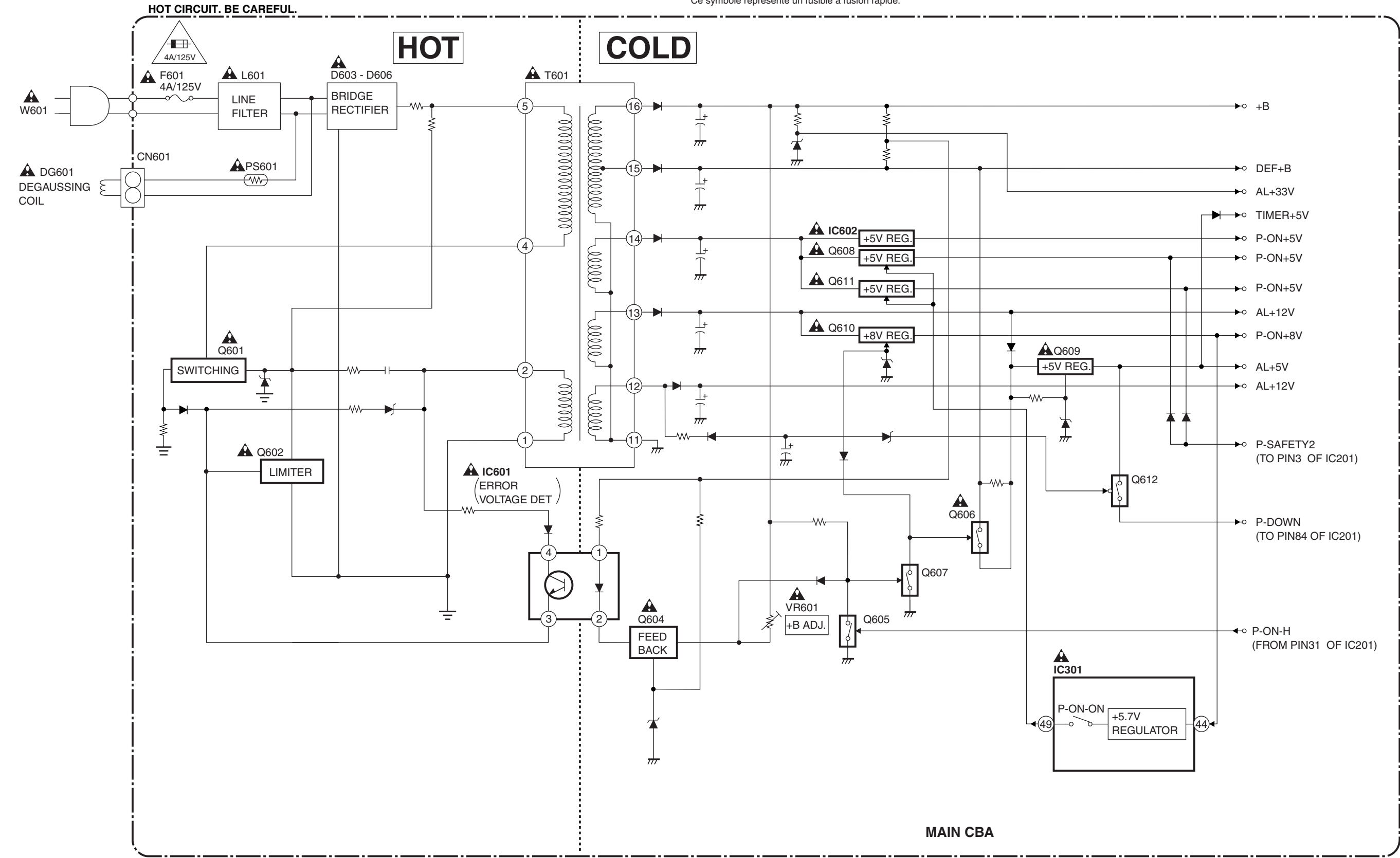
Power Supply Block Diagram

CAUTION !
Fixed voltage power supply circuit is used in this unit.
If Main Fuse (F601) is blown, check to see that all components in the power supply circuit are not defective before you connect the AC plug to the AC power supply.
Otherwise it may cause some components in the power supply circuit to fail.

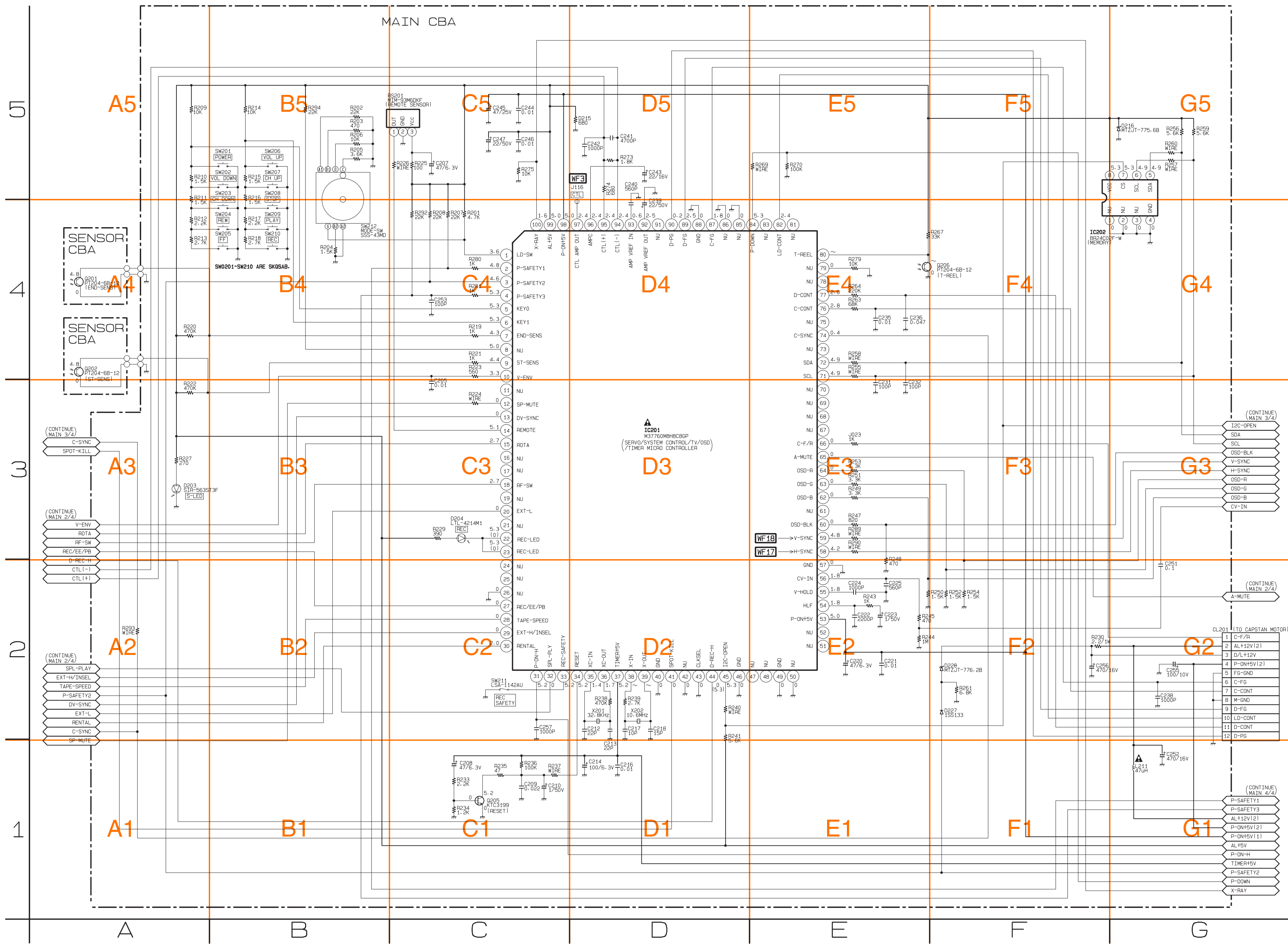


CAUTION
FOR CONTINUED PROTECTION AGAINST FIRE HAZARD,
REPLACE ONLY WITH THE SAME TYPE FUSE.
ATTENTION : POUR UNE PROTECTION CONTINUE LES RISQUES
D'INCELE N'UTILISER QUE DES FUSIBLE DE MEMO TYPE.
RISK OF FIRE-REPLACE FUSE AS MARKED.
"This symbol means fast operating fuse."
"Ce symbole représente un fusible à fusion rapide."

NOTE :
The voltage for parts in hot circuit is measured using
hot GND as a common terminal.



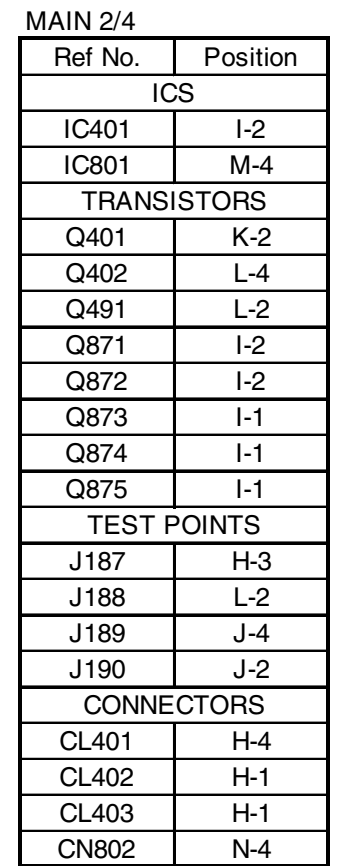
Main 1/4 Schematic Diagram



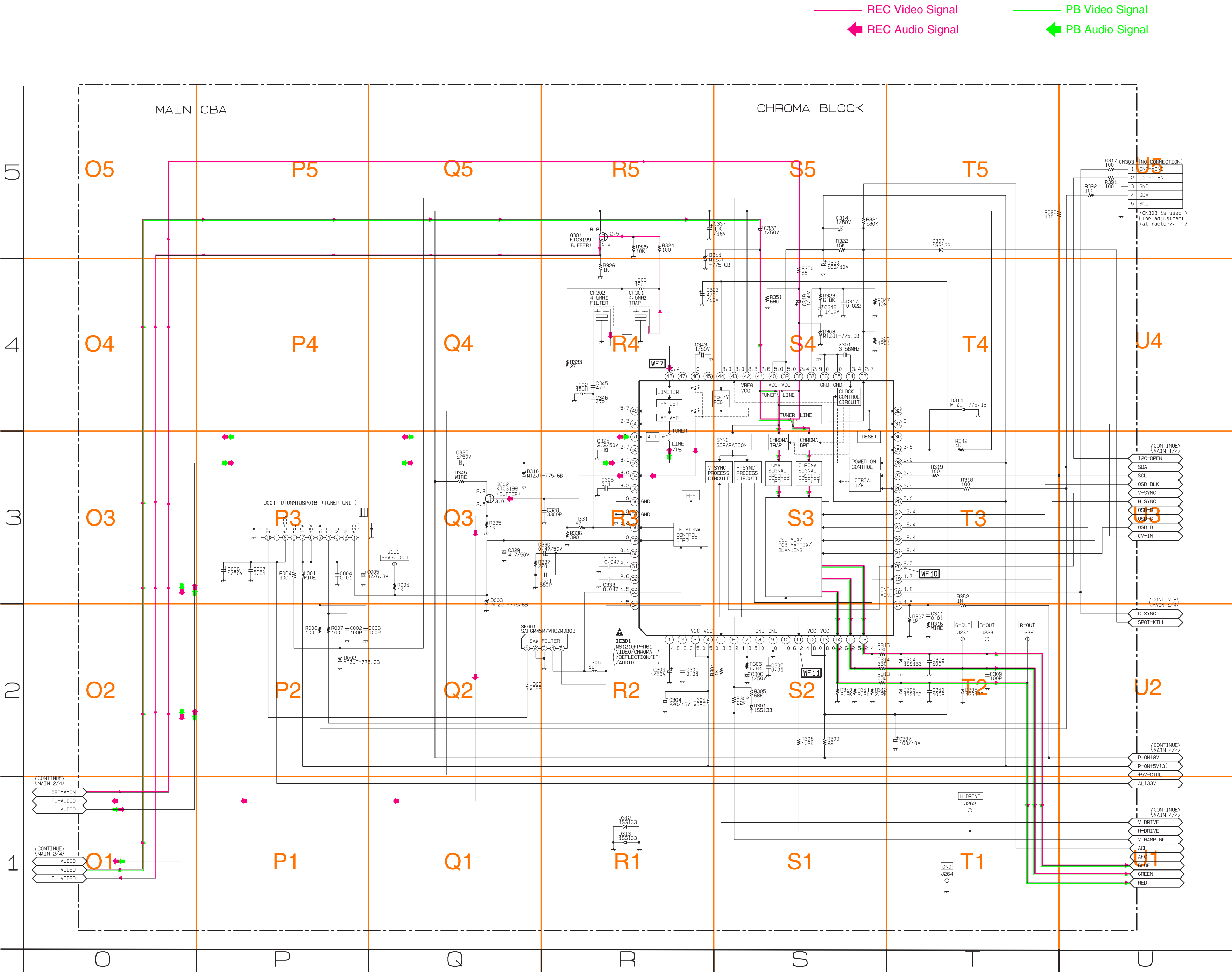
MAIN 1/4

Ref No.	Position
ICS	
IC201	D-3
IC202	F-4
TRANSISTORS	
Q205	C-1
Q206	F-4
TEST POINTS	
J116	D-5
CONNECTORS	
CL201	G-2

REC Video Signal PB Video Signal
REC Audio Signal PB Audio Signal



Main 3/4 Schematic Diagram



MAIN 3/4

Ref No.	Position
ICS	
IC301	R-2
TRANSISTORS	
Q301	R-5
Q302	Q-3
TEST POINTS	
J191	Q-3
J233	T-2
J234	T-2
J239	T-2
J262	T-1
J264	T-1
CONNECTORS	
CN303	U-5

Main 4/4 Schematic Diagram

NOTE:
THE VOLTAGE FOR PARTS IN HOT CIRCUIT IS MEASURED USING
HOT GND AS A COMMON TERMINAL.

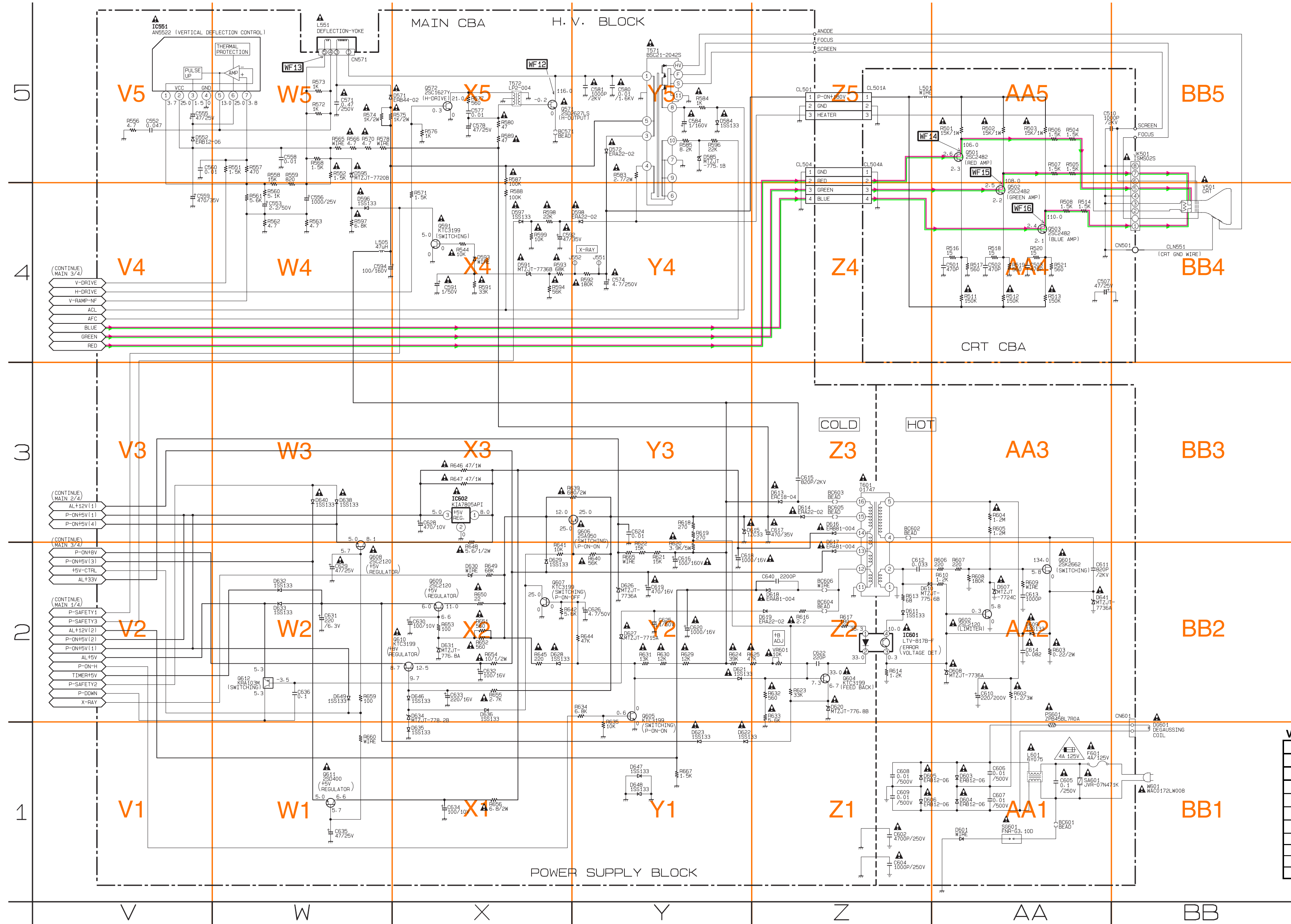
CAUTION !
Fixed voltage power supply circuit is used in this unit.
If Main Fuse (F601) is blown, check to see that all components in the power supply
circuit are not defective before you connect the AC plug to the AC power supply.
Otherwise it may cause some components in the power supply circuit to fail.



CAUTION
FOR CONTINUED PROTECTION AGAINST FIRE HAZARD,
REPLACE ONLY WITH THE SAME TYPE FUSE.
ATTENTION : POUR UNE PROTECTION CONTINUE LES RISQUES
D'INCELE N'UTILISER QUE DES FUSIBLE DE MEMO TYPE.
RISK OF FIRE-REPLACE FUSE AS MARKED.
"This symbol means fast operating fuse."
"Ce symbole représente un fusible à fusion rapide."

REC Video Signal

PB Video Signal



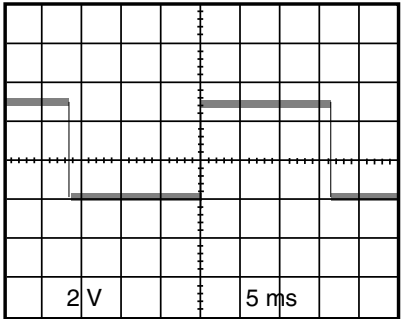
Ref No.	Position
TRANSISTORS	
Q501	AA-5
Q502	AA-4
Q503	AA-4
CONNECTORS	
CL501A	Z-5
CL504A	Z-5
CN501	BB-4

Ref No.	Position
ICS	
IC551	V-5
IC601	Z-2
IC602	X-3
TRANSISTORS	
Q571	X-5
Q572	X-5
Q591	X-4
Q601	AA-2
Q602	AA-2
Q604	Z-2
Q605	Y-2
Q606	Y-3
Q607	X-2
Q608	W-2
Q609	X-2
Q610	X-2
Q611	W-1
Q612	W-2
TEST POINTS	
J551	Y-4
J552	Y-4
CONNECTORS	
CL501	Z-5
CL504	Z-5
CN571	W-5
CN601	BB-2
ADJUSTMENT	
VR601	Z-2

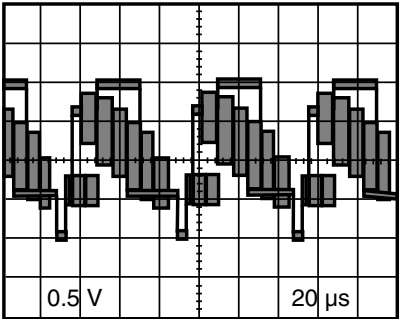
VOLTAGE CHART (Power off mode)				
Ref. No.	S	D	G	
Q601	0.0	137.0	1.8	
Ref. No.	E	C	B	
Q602	0	3.2	0.5	
Q605	0	7.0	0	
Q606	7.0	7.0	7.0	
Q608	5.0	7.5	5.7	
Q609	6.0	6.5	6.6	
Q610	0.7	4.7	1.3	
Q611	0	2.4	0	
Q612	5.3	5.3	0.8	

WAVEFORMS

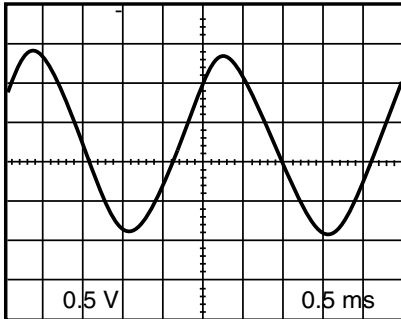
WAVEFORM NOTES
INPUT: NTSC COLOR BAR SIGNAL
OTHER CONTROLS: CENTER POSITION
VOLTAGES SHOWN ARE RANGE OF
OSCILLOSCOPE SETTING



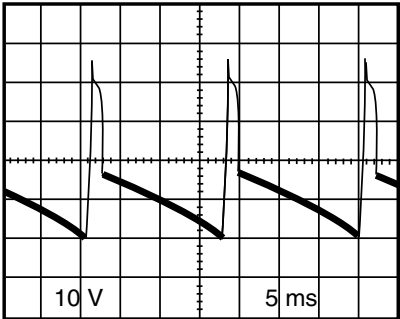
WF1 MAIN 2/4 SCHEMATIC DIAGRAM
J190 RF-SW



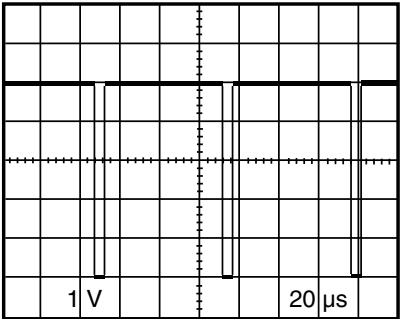
WF5 MAIN 2/4 SCHEMATIC DIAGRAM
J188 V-OUT



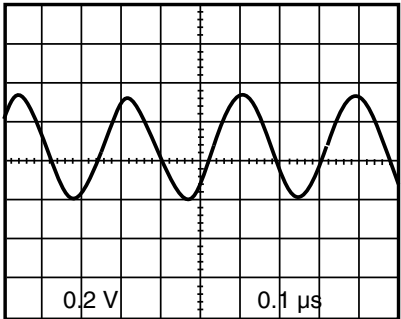
WF9 MAIN 2/4 SCHEMATIC DIAGRAM
IC401 PIN 7



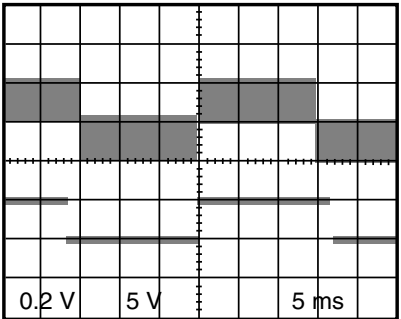
WF13 MAIN 4/4 SCHEMATIC DIAGRAM
CN571 PIN 5



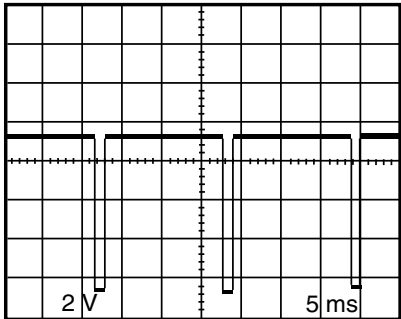
WF17 MAIN 1/4 SCHEMATIC DIAGRAM
IC201 PIN 58



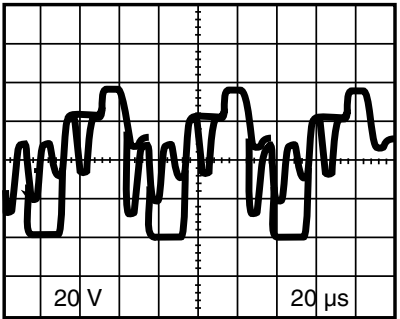
WF2 MAIN 2/4 SCHEMATIC DIAGRAM
IC401 PIN 61



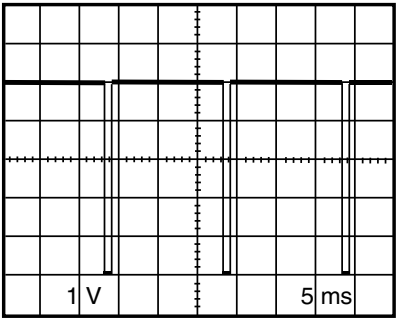
Upper: WF6 Lower: WF1
MAIN 2/4 SCHEMATIC DIAGRAM
J189 PB-C-MONI



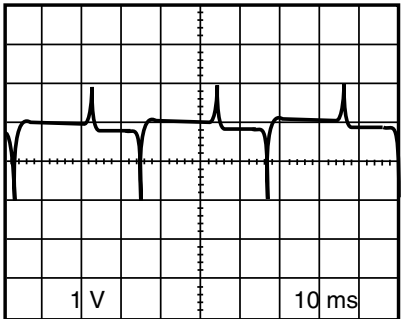
WF10 MAIN 3/4 SCHEMATIC DIAGRAM
IC301 PIN 20



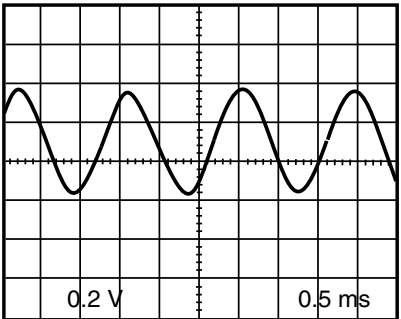
WF14 CRT SCHEMATIC DIAGRAM
Q501 COLLECTOR



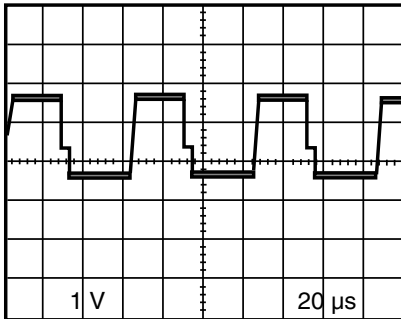
WF18 MAIN 1/4 SCHEMATIC DIAGRAM
IC201 PIN 59



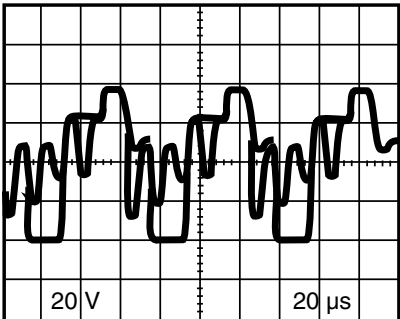
WF3 MAIN 1/4 SCHEMATIC DIAGRAM
J116 CTL



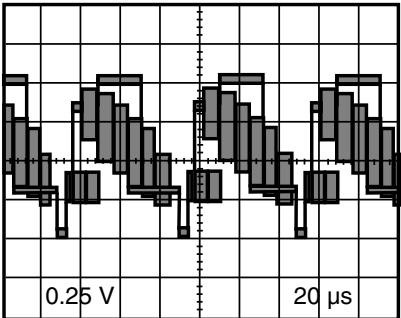
WF7 MAIN 3/4 SCHEMATIC DIAGRAM
IC301 PIN 48



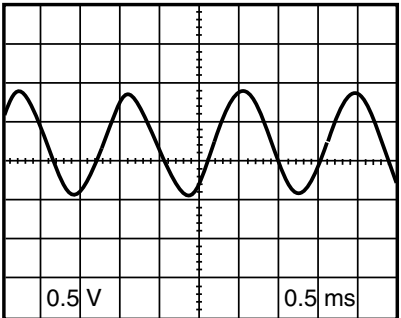
WF11 MAIN 3/4 SCHEMATIC DIAGRAM
IC301 PIN 11



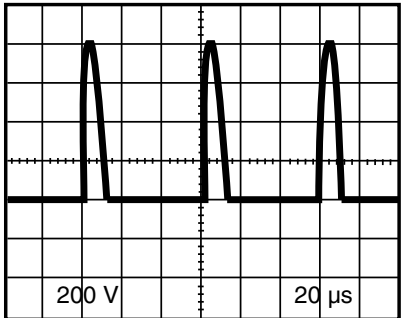
WF15 CRT SCHEMATIC DIAGRAM
Q502 COLLECTOR



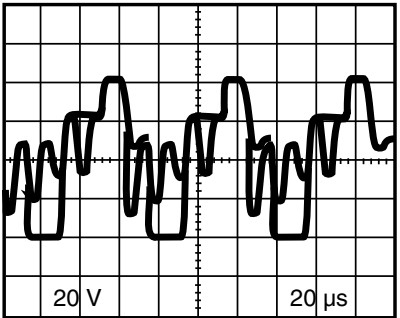
WF4 MAIN 2/4 SCHEMATIC DIAGRAM
IC401 PIN 42



WF8 MAIN 2/4 SCHEMATIC DIAGRAM
J187 A-OUT

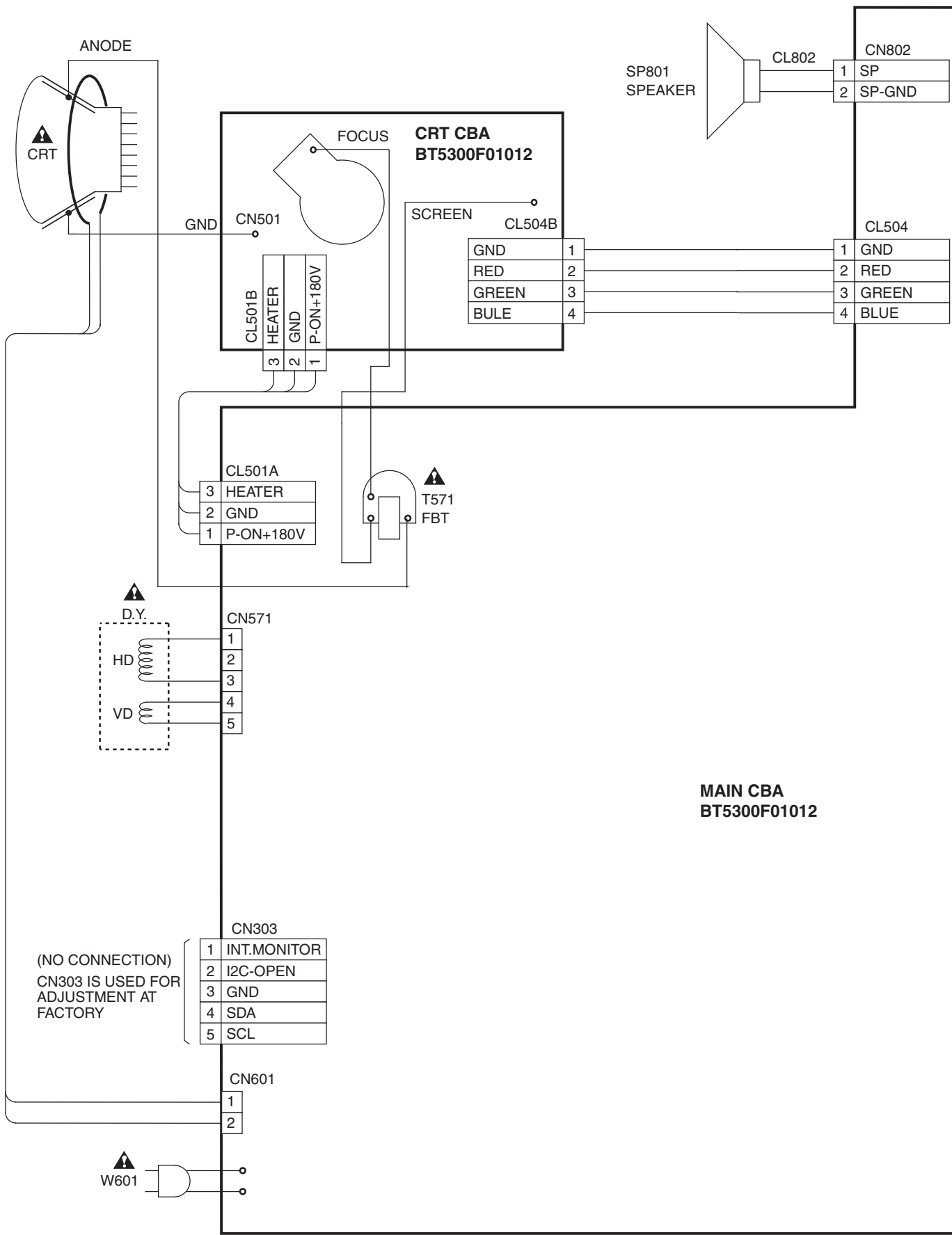


WF12 MAIN 4/4 SCHEMATIC DIAGRAM
Q571 COLLECTOR



WF16 CRT SCHEMATIC DIAGRAM
Q503 COLLECTOR

WIRING DIAGRAM



WIRING DIAGRAM FOR SECTION 2
(DECK MECHANISM)

