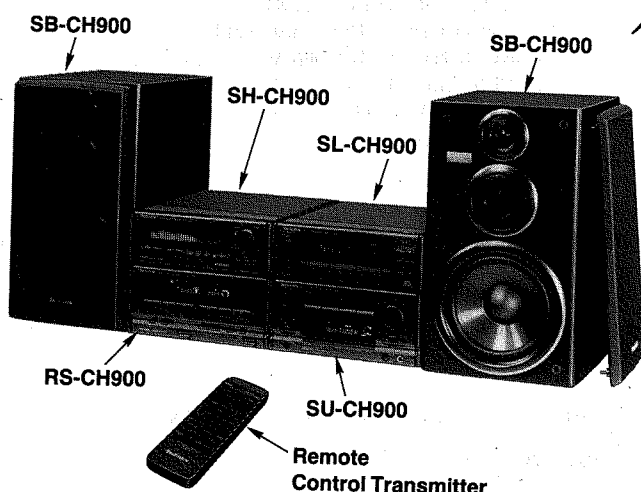


Service Manual

Amplifier

Amplifier

SU-CH900



Color

(K) Black Type

Areas

Country Code	Area	Color
(E)	Continental Europe.	(K)
(EB)	Great Britain.	
(EG)	Germany and Italy.	
(GC)	Asia, Latin America, Middle Near East and Africa.	
(GN)	Oceania.	

System: SC-CH900

Because of unique interconnecting cables, when a component requires service, send or bring in the entire system.

SPECIFICATIONS

■ MAIN AMP. SECTION

Power output	
DIN 1 kHz THD 1%, both channel driven	
FRONT	2×50 W (6Ω)
REAR	2×5 W (8Ω)
Total harmonic distortion	
Rated power at 1 kHz	
FRONT	1% (6Ω)
REAR	1% (8Ω)
Half power at 1 kHz	
FRONT	0.07% (6Ω)
Headphones output level/impedance	351 mV/240Ω
Load impedance	
FRONT	6Ω
REAR	8Ω

■ PRE AMP. SECTION

Input sensitivity/impedance	
FRONT	200 mV/47 kΩ
REAR	200 mV/47 kΩ
CENTER	200 mV/47 kΩ
MIC	0.7 mV/12 kΩ
S/N (rated power) FRONT	84 dB (IHF, A 88 dB)
Frequency response	
FRONT	30 Hz–30 kHz (–3 dB)
Muting	–20 dB
Loudness (vol. –30 dB)	60 Hz, +5 dB
Channel separation (1 kHz)	57 dB

■ VIDEO SECTION

Video out	
MONITOR OUT	1 Vpp/75Ω
VCR OUT	1 Vpp/75Ω

■ TIMER SECTION

Clock	Quartz-lock type, 24-hour indication
Functions	24-hour programmable; Sleep (120 min. 1 min. intervals). Weekly (1 time), Once (1 time).
Setting	1 minute–23 hours 59 minutes (1 min.)

■ GENERAL

Power consumption	330 W
Power supply	

For Continental Europe, Germany and Italy

AC 50 Hz/60 Hz, 230 V

For Great Britain and Oceania AC 50 Hz/60 Hz, 230 V~240 V

For Others AC 50 Hz/60 Hz, 110 V/127 V/220 V/240 V

Dimensions (W×H×D) 230×110×346 mm

Weight 5.8 kg

Notes:

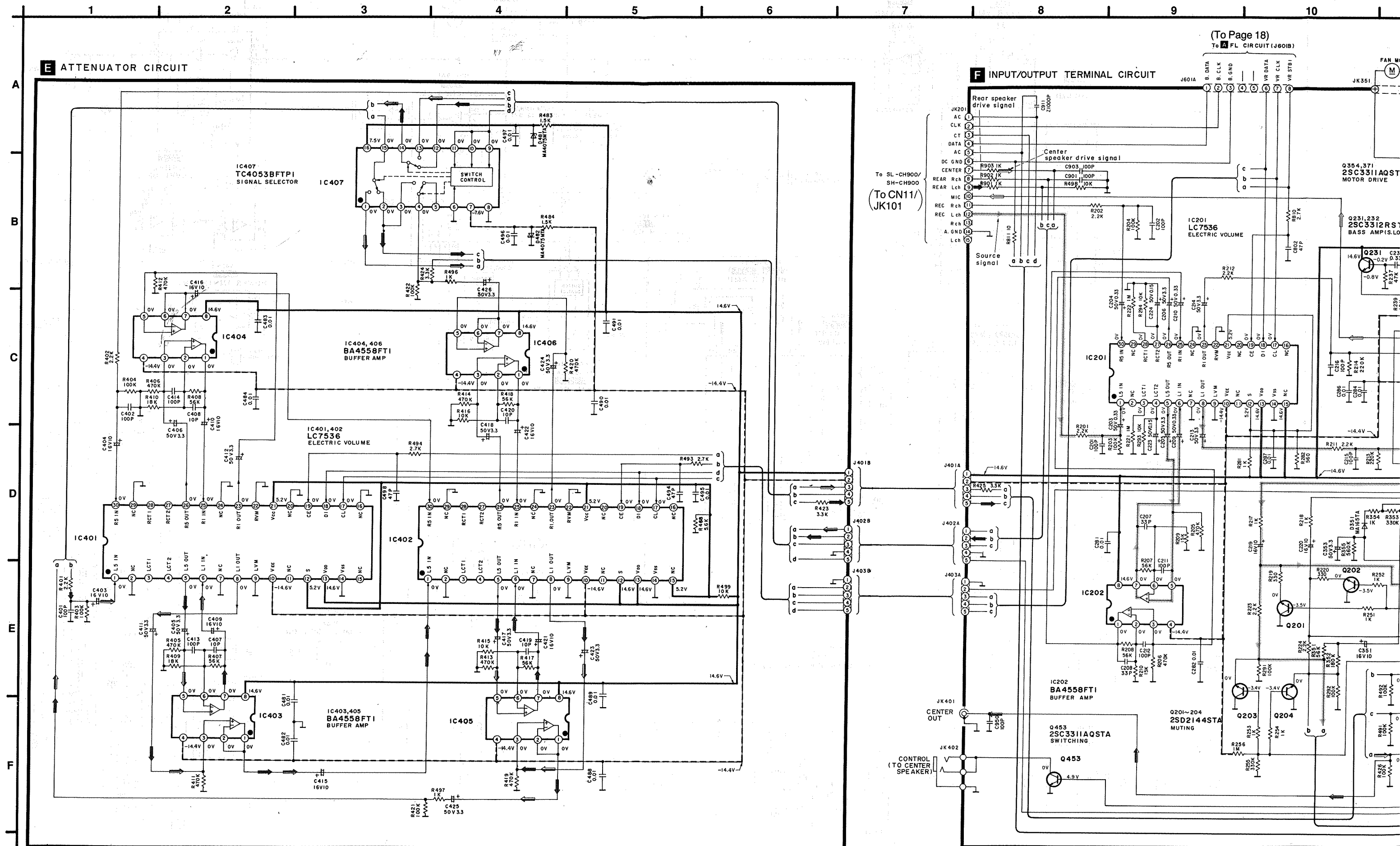
- Specifications are subject to change without notice.
- Weight and dimensions are approximate.
- Total harmonic distortion is measured by the digital spectrum analyzer.

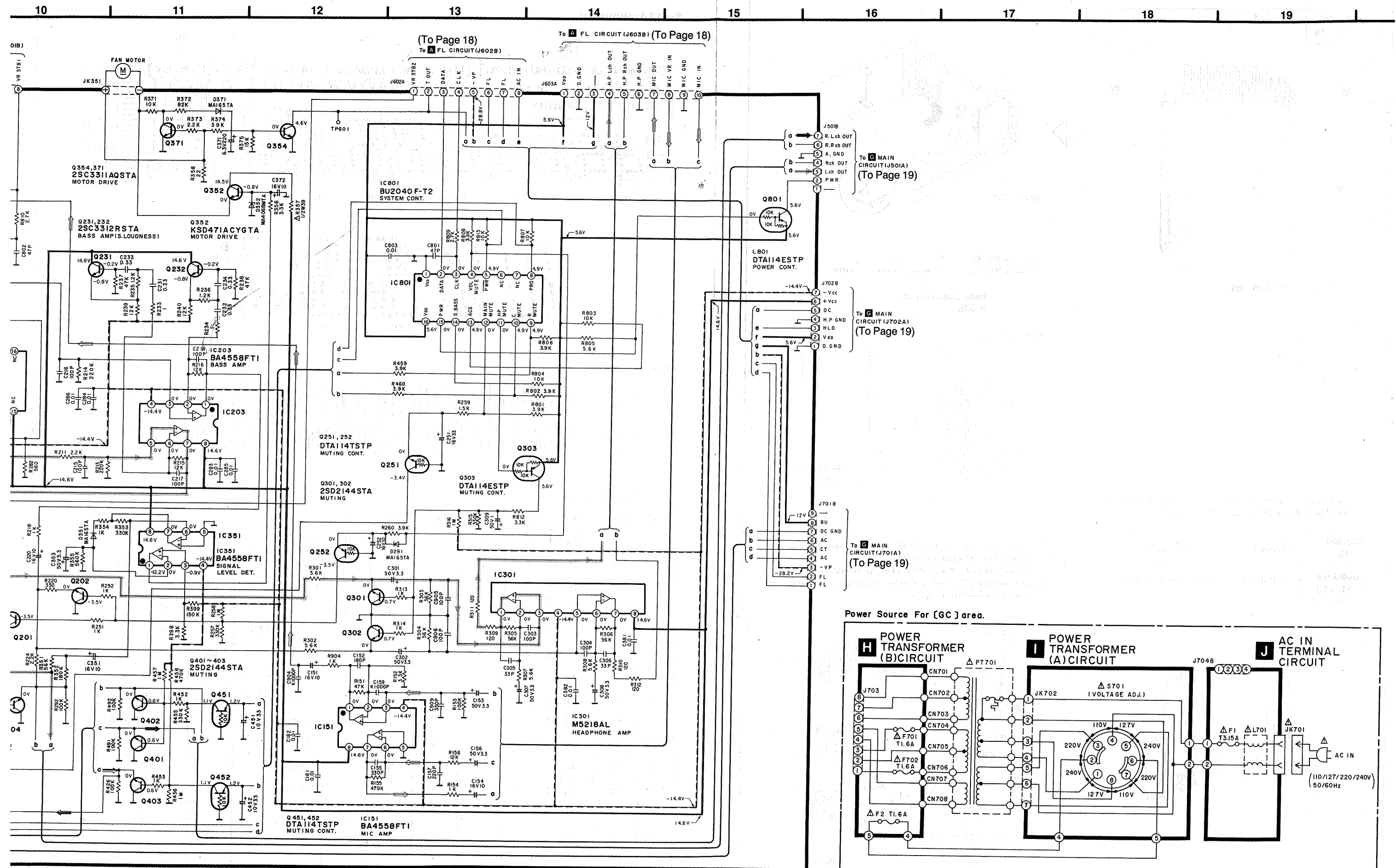
System	Tuner/CD player	Sound Processor	Amplifier	Cassette Deck	Speakers
SC-CH900	SL-CH900	SH-CH900	SU-CH900	RS-CH900	*SB-CH900

*(E), (EB), (EG) areas...Made in PAES

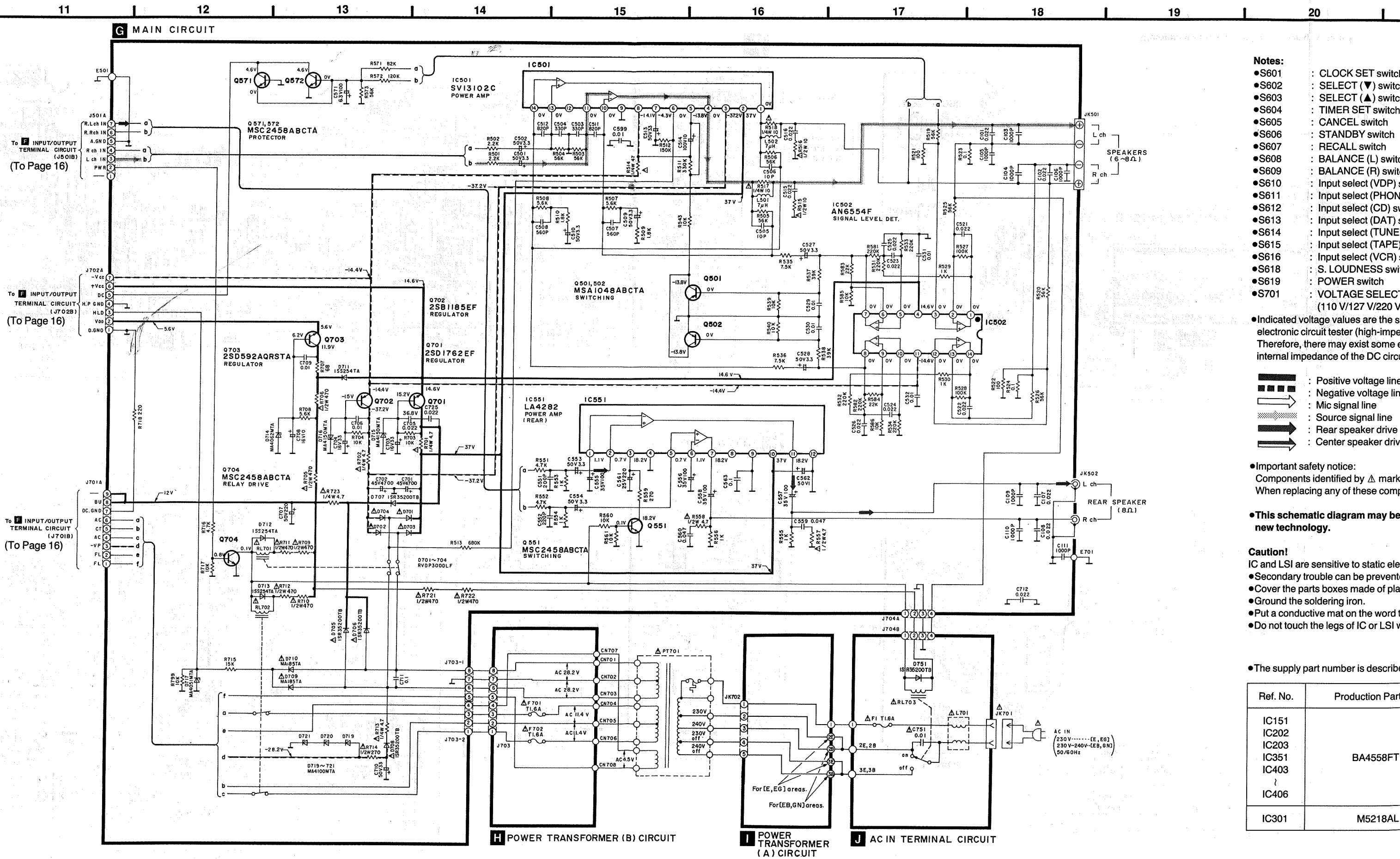
Technics

SCHEMATIC DIAGRAM (Input/Output Terminal Attenuator/Power Transformer/AC IN circuit) (Parts list on pages 27~30)





F



TechInfo Sheet

fax: 01344 853689

Audio Visual

email: av.technical@mail.panasonic.co.uk

Product Group: HiFi Mini

Model: SU-CH900

Date: 14/12/99

Revision No: 01

Document No: 01

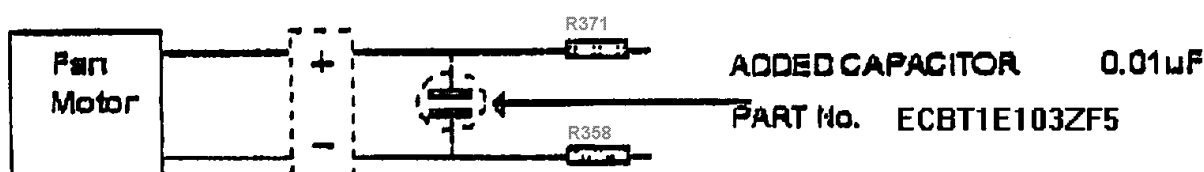
Subject: Unit Cuts Out

SYMPTOM: The unit turns off unexpectedly during normal operation and an indication of "E—" lights on the main display.

CAUSE: One of the following may cause the cut out.

1. A defective fan motor (coil shorted, disconnected or clogged commutator).
2. A faulty detector circuit (short or disconnection).
3. Smoothing capacitor (C571) used in fault detector circuit of output IC is possibly dry joint. The problem is liable to occur when the output is high.

- REMEDY:**
1. Defective fan motor: Replace the fan motor Part No. SYE1128-4 unless the resistance across both ends of the coil is between 20 and 30 Ohms.
 2. Incorrect action of fan motor circuit: Mount a capacitor across both ends of the fan motor.



3. Poorly soldered C571, re-solder this capacitor.

NB Due to the nature of the problem, it is recommended that all of the three remedies above are carried out simultaneously