

Band Pass Filter - Sanyo GCD 2000 Service Manual

Cd changer stereo music system

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18

19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40

•

[Table of Contents](#)

-

Troubleshooting

•

Bookmarks



SERVICE
MODE

1 NUMBER SERVICE MODE

1 =

NUMBER	STATE OF CD ERROR
1	Focusing is not possible in focus search.
2	The sub-code is not input during disc startup.
3	TOC cannot be read.
4	The focus was lost while the servo was on (during playing, etc.).
5	The sub-code is not input while the servo is on (during playing, etc.).

TABLE 4 : DISPLAY OF CD ERRORS

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STATE OF CD ERROR

CD ADJUSTMENT

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TABLE 4 : DISPLAY OF CD ERRORS

CD ADJUSTMENT

Electrical Adjustment

So far we have presented explanations regarding compact disc player handling, notes prior to repair, handling the pickup and disassembly of the unit. Be sure to carefully read these instructions before making any adjustments.

Electrical Adjustment

Preparations for Adjustments

So far we have presented explanations regarding compact disc player handling, notes prior to repair, handling the pickup and disassembly of the unit.

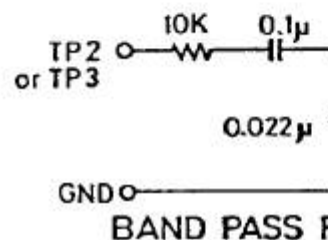
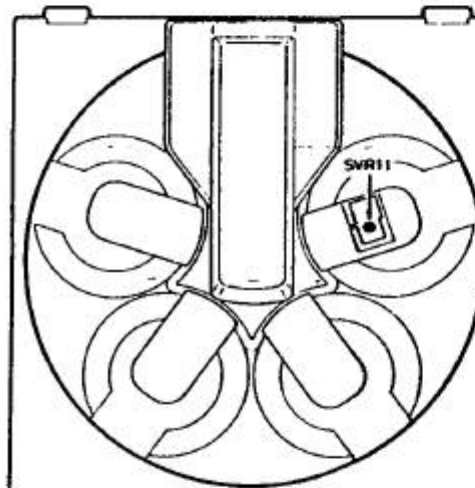
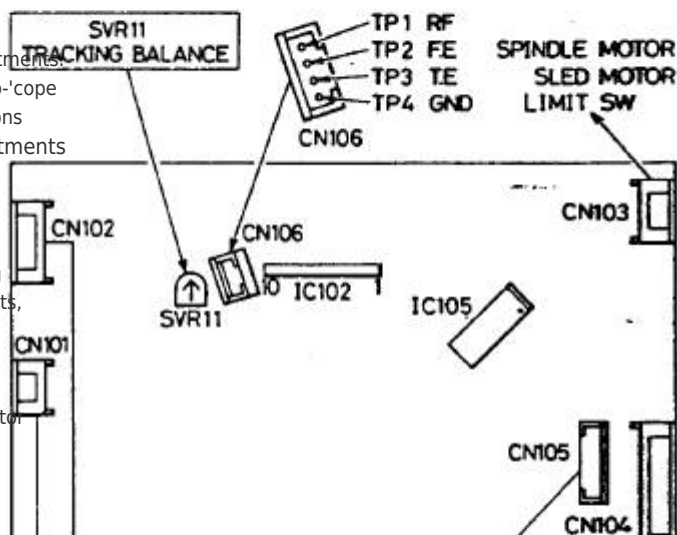
Measuring instruments, tools and filter

- (1) Test disc.: YEDS 18 (Sony)
- (2) Oscilloscope : SS5711 (10MHz or dual phenomenon) or Memoryscope : DSS6521 (Storagescope)
- (3) Digital voltmeter (Input impedance 1M ohm or more)

Notes : a. The adjustments can be using the equipment produced by other manufacturers, but the performance of that equipment is superior to that of the above listed models.
 b. Use a 10 : 1 probe for observing signals on the oscilloscope and storage scope.
 c. Test disc is subject change without notice.

1. Initial set

1. Set the SVR11 to the mechanical center position as the initial position of as shown in figure



- (4) Oscillator (400Hz, 300mV RMS)
- (5) Frequency Counter (5MHz)
- (6) Screw drivers (non-metallic)
- (7) Band Pass Filter
- (8) AC Voltage Meter

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- (5) Frequency Counter (5MHz ; or more)
- (2) Oscilloscope : SS5711 (10MHZ or dual phenomenon)
- (6) Screw drivers (non-metallic) for adjustments or Memory scope : DSS6521 (Storagescope)
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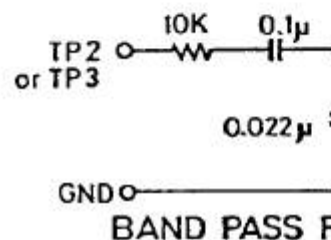
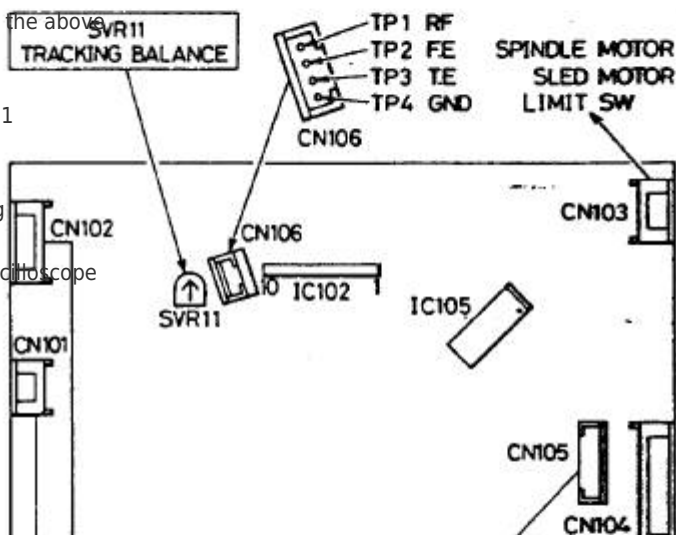
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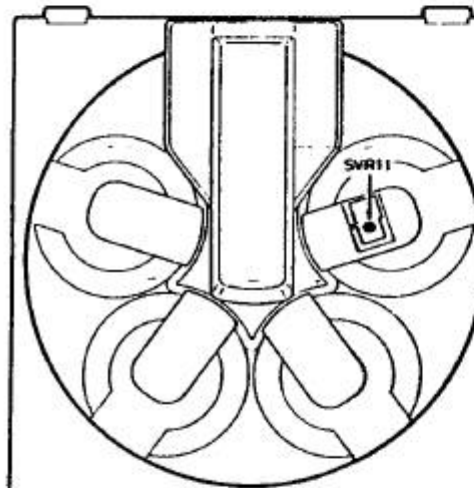
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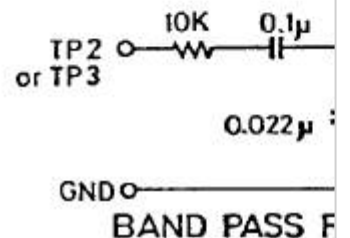
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CD ADJUSTMENT

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SVR11
TP1 RF
TRACKING
BALANCE
~TP2
FE
SPINDLE ~
TP3
TE
SLED MOTOR
TP4
LIMIT
SW
CN106
~
L
LI-

Preparations for Adjustments

Measuring instruments, tools and filter

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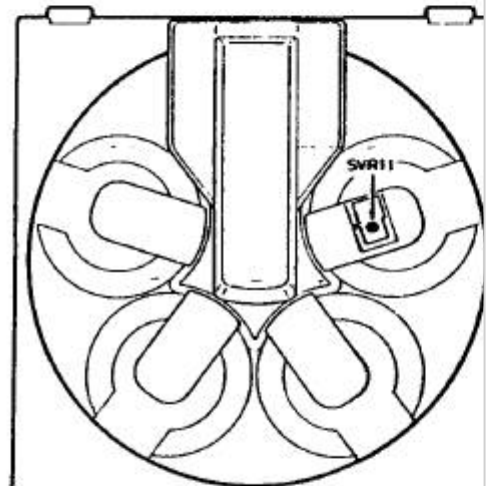
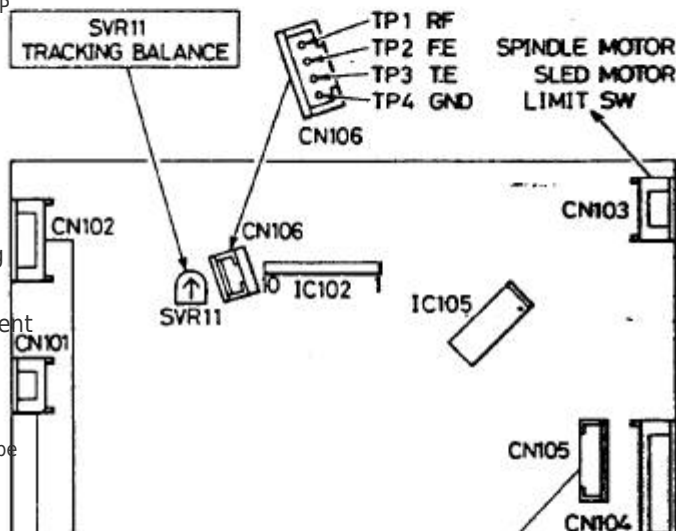
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TO SYSCOIL mss3214
TO PICK UP
(C%86)
(c%%
2.
1.
2.
3.
4.
Tracfdng
Balance
Adjustment
(SVR11)
Connect
the
oscilloscope
to
TP3



(L_FE)
and
(GND.).
COMAIN PC
B

E SERVICE MODE

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TABLE 4 : DISPLAY OF CD ERRORS

TP10(IRF)
1P102
(FE)
TP10(IE)
1PU14@
NO)
'a
Sw11
TP4

5. Adjust
SVR11

so that
the TE

(Tracking
Error)

signal
waveform
of TP3
on the oscilloscope
is vertically
sym-

Turn
on the

power

of
the
unit.

Insert
test
disc.

metrical

relative to OV. (See figure next page)

Playback

the test disc.
Note:

If this adjustment
is imperfect

the sled motor (pickup

Continuously

press

the
forward
search

~

or
back-

searching motor

will run and normal

play will be dis-

ward search 44 button
to do
it.
abled.
-12-

CD ADJUSTMENT

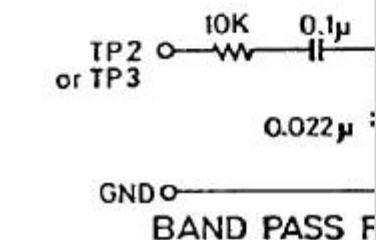
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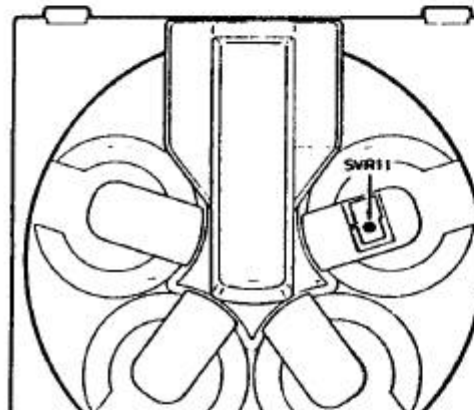
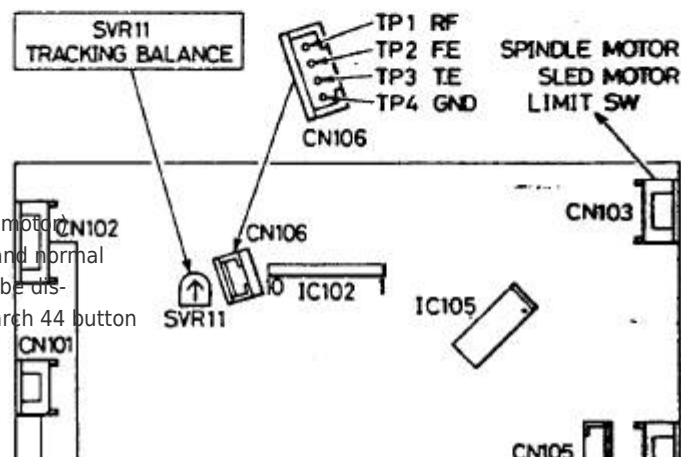


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[Previous Page](#)
[Next Page](#)

1
...
10
11
12
13
14
15
16
17

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