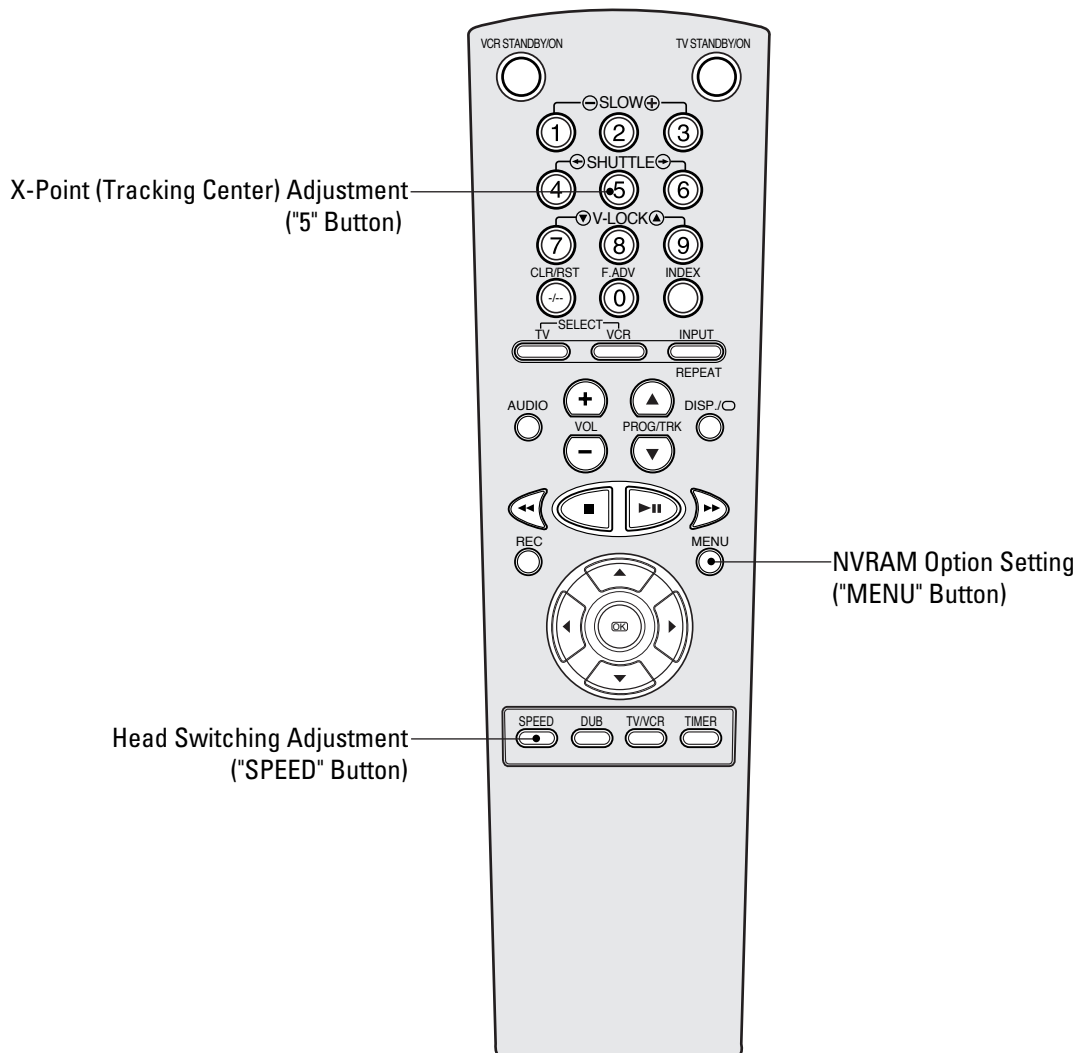


2. Alignment and Adjustment

2-1 Reference

- 1) X-Point (Tracking center) adjustment, "Head switching adjustment" and "NVRAM option setting" can be adjusted with remote control.
- 2) When replacing the Micom (IC601) and NVRAM (IC605 ; EEPROM) be sure to adjust the "Head switching adjustment" and "NVRAM option setting".
- 3) When replacing the cylinder ass'y, be sure to adjust the "X-Point" and "Head switching adjustment".
- 4) Among Samsung VCR remote control used for adjustment as a accessory, only the remote control that has figures buttons (0 ~ 9) is available for all adjustment regardless of chassis.
- 5) How to adjustment.
 - Press the "TEST" button on Main PCB/F/AV PCB/Function PCB to set the adjustment mode.
 - If the corresponding adjustment button is pressed, the adjustment is performed automatically.
 - If the adjustment is completed, be sure to turn the power off.

2-1-1 Location of adjustment button of remote control



Remote Control for adjustment is not supplied as a Service Jig.

Fig. 2-1

2-1-2 SW718 location for adjustment mode setting (Other Models)

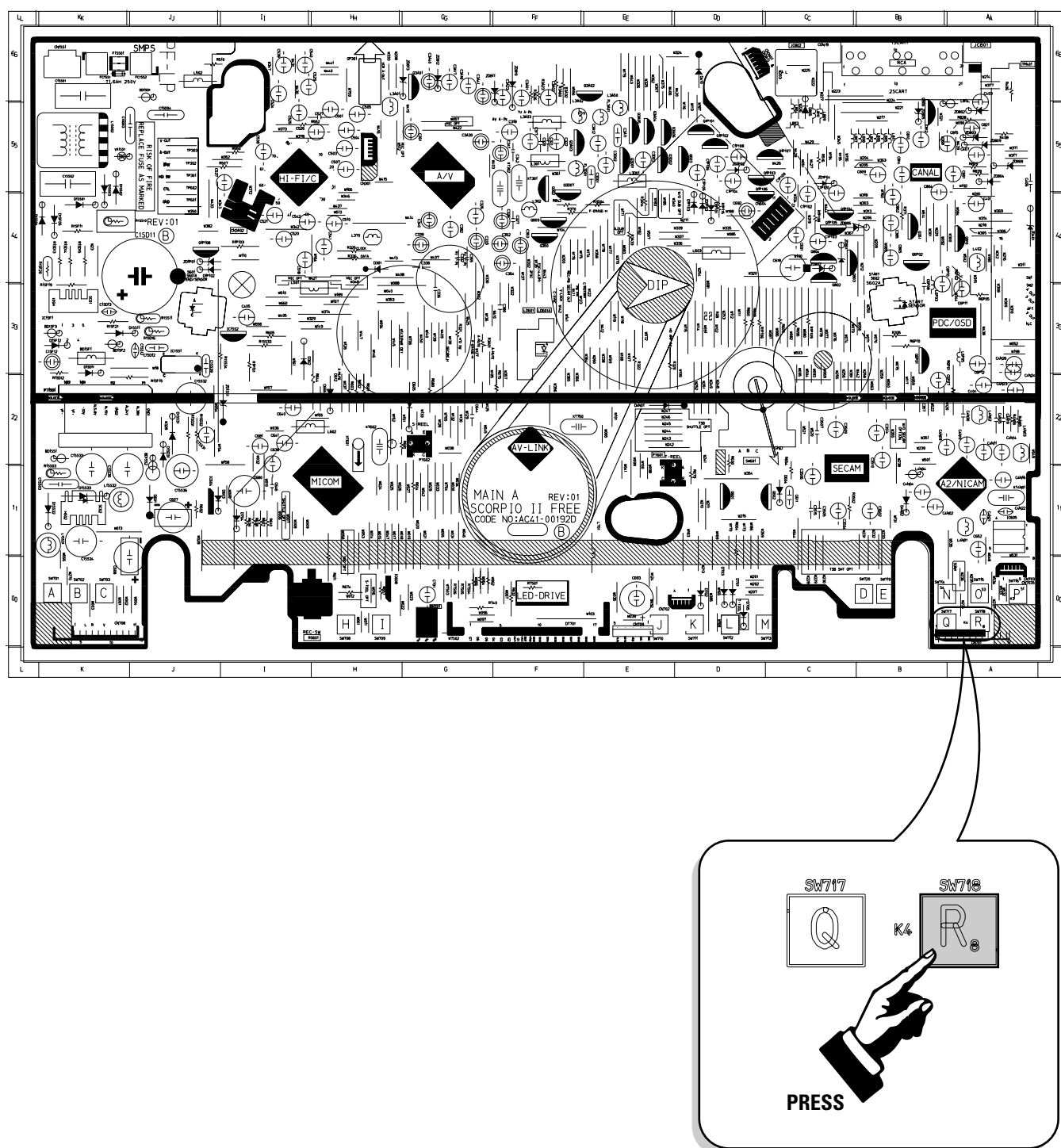


Fig. 2-2 Main PCB (Top View)

2-1-3 SW775 (TEST) location for adjustment mode setting (SV-750 Only)

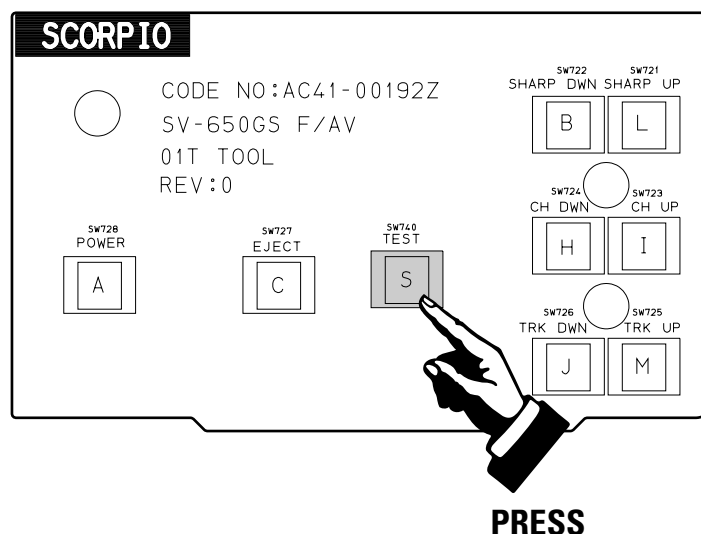


Fig. 2-3 F/AV PCB (Top View)

2-1-4 SW775 (TEST) location for adjustment mode setting (SV-659 Only)

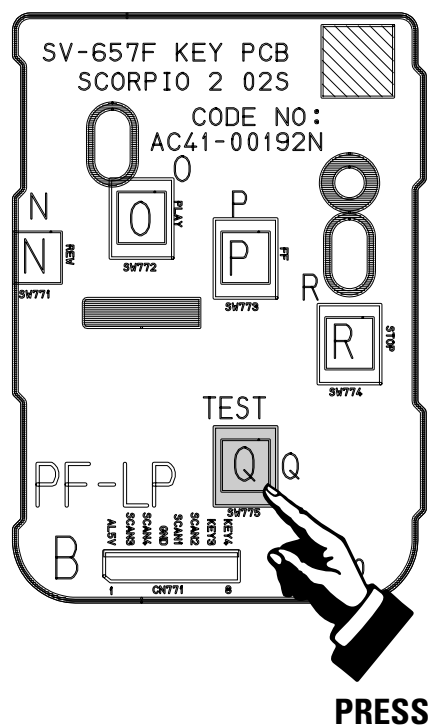


Fig. 2-4 Function PCB (Top View)

2-2 Mechanical Adjustment

Note : Refer to the Mechanical Manual “TS-10A (AC82-00023A)” for the adjustment and confirmation of ass’y full deck.

2-2-1 The number and position of test point

Test point :

- TP301 (Envelope)
- TP302 (Audio output)
- TP602 (H'D S/W -Trigger)

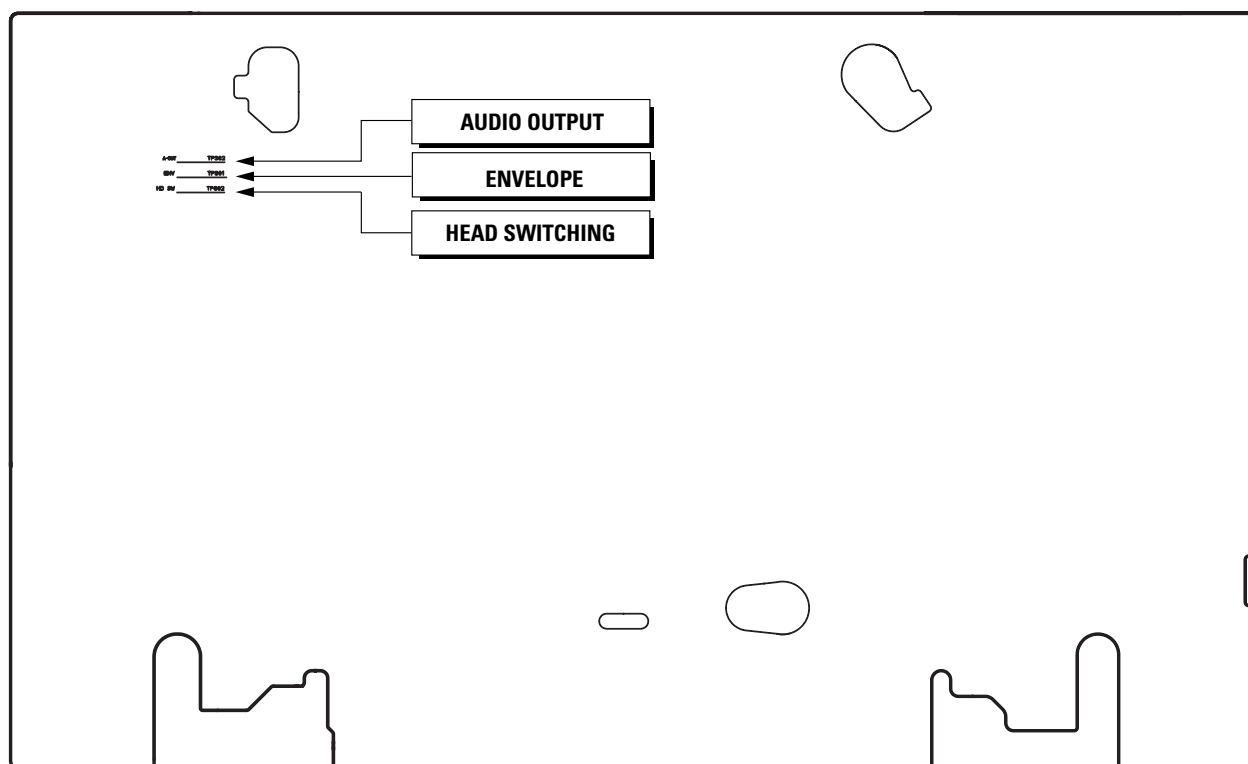


Fig. 2-5 Location of Test point (Main PCB-Top View)

2-2-2 ACE Head Position (X-Point) Adjustment (See the 2-2-1(d) ACE Head Position (X-Point) Adjustment on page 2-2 of the Mechanical Manual)

- 1) Playback the alignment tape (Color bar).
- 2) Press the “TEST” button on Main PCB/F/ AV PCB/Function PCB to set the adjustment mode.
(See Fig. 2-2, 2-3 and 2-5)
- 3) Press the “5” button of remote control then adjustment is operated automatically. (See Fig. 2-1)
- 4) Connect the CH-1 probe to TP301 (Envelope) the CH-2 probe to TP602 (H'D switching pulse) and then trigger to CH-1.
- 5) Insert the (-) driver into the X-Point adjustment hole and adjust it so that envelope waveform is maximum.
- 6) Turn the Power off.

2-3 Head Switching Point Adjustment

- 1) Playback the alignment tape.
- 2) Press the "TEST" button on Main PCB/F/ AV PCB/Function PCB to set the adjustment mode.
(See Fig. 2-2, 2-3 and 2-4)
- 3) Press the "SPEED" button of remote control then adjustment is operated automatically. (See Fig. 2-1)
- 4) Turn the Power off.

2-4 NVRAM Option Setting

- 1) NVRAM Option is adjusted at production line basically.
- 2) In case Micom (IC601) and NVRAM (IC605 ; EEPROM) is replaced, be sure to set the corresponding option number of the repaired model. (If the option is not set, the unit is not operated.)

- 1) Press the "TEST" button on Main PCB/F/ AV PCB/Function PCB to set the adjustment mode.
(See Fig. 2-2, 2-3 and 2-4)
- 2) Press the "MENU" button on the remote control about 5 seconds then option setting display is appeared.
(See Fig. 2-6)
- 3) Select the option number (See Table 2-1) of corresponding model with "CURSOR" button on the remote control.
- 4) If selecting the option number is completed, press the "OK" button of remote control.
(If "OK" button is pressed, the selected number is changes reversed color. ; See Fig. 2-6)
- 5) Press the "MENU" button of remote control again to store the option number.
("PLEASE WAIT" is displayed for a second as shown Fig. 2-7 and this setting is completed.)
- 6) Turn the Power off.

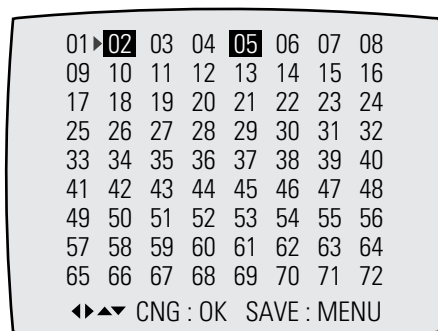


Fig. 2-6

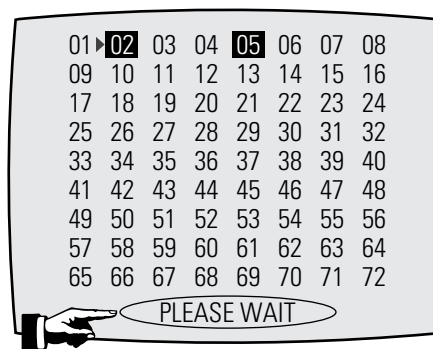


Fig. 2-7

<Table 2-1 NVRAM Option Number>

MODELS	OPTION NUMBER
SVR-750	6, 9, 10, 12, 15, 20, 21, 22, 29, 32, 33, 34, 36, 39, 42, 44, 47, 50, 52, 54, 60, 61, 63, 65
SVR-659	2, 6, 9, 10, 12, 15, 19, 20, 21, 22, 29, 32, 33, 34, 36, 38, 42, 45, 47, 50, 54, 60, 61, 63, 65
SVR-653	6, 9, 10, 12, 15, 20, 24, 29, 32, 33, 34, 36, 38, 42, 44, 47, 49, 52, 54, 57, 60, 61, 63, 65
SVR-650	6, 9, 10, 12, 20, 32, 33, 34, 36, 38, 42, 44, 47, 49, 50, 51, 52, 57, 60, 61, 63, 65
SVR-557	6, 12, 20, 22, 24, 33, 34, 36, 37, 40, 44, 47, 49, 51, 52, 54, 57, 60, 61, 63, 65, 68
SVR-453	9, 10, 12, 15, 20, 24, 32, 33, 34, 36, 38, 42, 44, 47, 49, 52, 54, 57, 60, 61, 63, 65
SVR-450	9, 10, 12, 20, 32, 33, 34, 36, 38, 42, 44, 47, 49, 50, 51, 52, 54, 57, 60, 61, 63, 65
SVR-253	10, 12, 15, 20, 24, 32, 33, 34, 36, 37, 42, 44, 47, 49, 52, 54, 57, 60, 61, 63, 65, 71
SVR-250	10, 12, 20, 32, 33, 34, 36, 37, 42, 44, 47, 49, 50, 51, 52, 54, 57, 60, 61, 63, 65, 71
SVR-251W	10, 12, 20, 32, 33, 34, 36, 37, 42, 44, 47, 49, 51, 54, 57, 60, 61, 63, 65, 71
SVR-2501	10, 12, 20, 33, 34, 36, 37, 42, 44, 47, 52, 54, 57, 60, 61, 63, 65, 71
SVR-155	10, 12, 20, 33, 34, 36, 37, 40, 44, 47, 50, 51, 54, 57, 60, 61, 63, 65, 68, 71
SVR-151	10, 12, 20, 24, 33, 34, 36, 37, 40, 44, 47, 49, 51, 52, 54, 57, 60, 61, 63, 65, 68, 71
SVR-150	10, 12, 20, 33, 34, 36, 37, 40, 44, 47, 51, 54, 57, 60, 61, 63, 65, 68, 71
SVR-6503	6, 9, 10, 12, 20, 33, 34, 36, 38, 42, 44, 47, 49, 51, 54, 57, 60, 61, 63, 65
SVR-4503	9, 10, 12, 20, 33, 34, 36, 38, 42, 44, 47, 49, 51, 54, 57, 60, 61, 63, 65
SVR-2503	12, 20, 33, 34, 36, 37, 42, 44, 47, 49, 50, 54, 57, 60, 61, 63, 65
SVR-1503	12, 20, 33, 34, 36, 37, 40, 44, 47, 49, 50, 54, 57, 60, 61, 63, 65, 68

MEMO