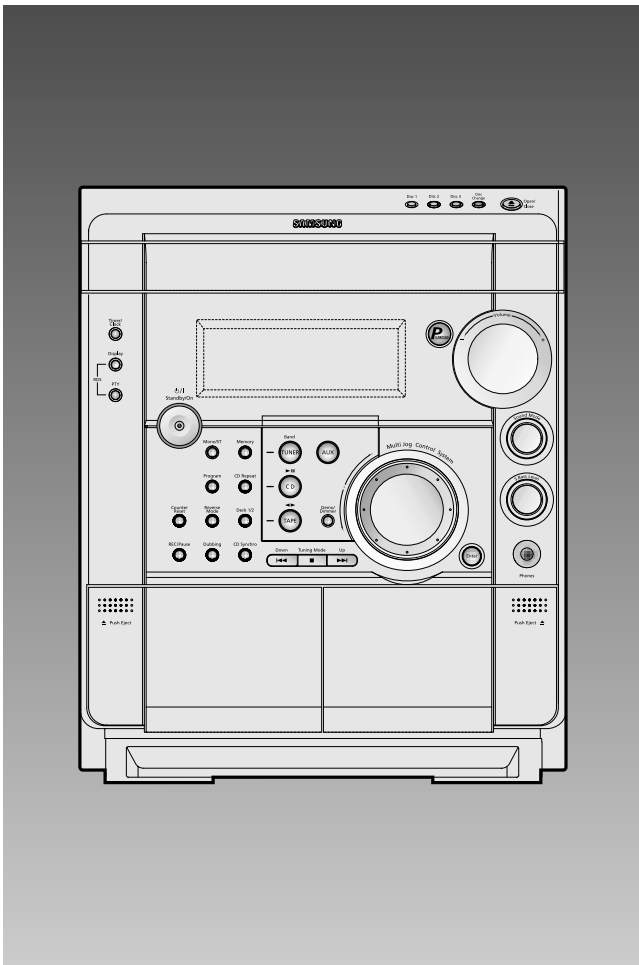


**SAMSUNG**

# 3 CD CHANGER MINI MINI COMPONENT MAX-S720/S720S/S725 MAX-ZS720/ZS720G

## *SERVICE Manual*

### MINI MINI COMPONENT SYSTEM



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4. Block Diagrams
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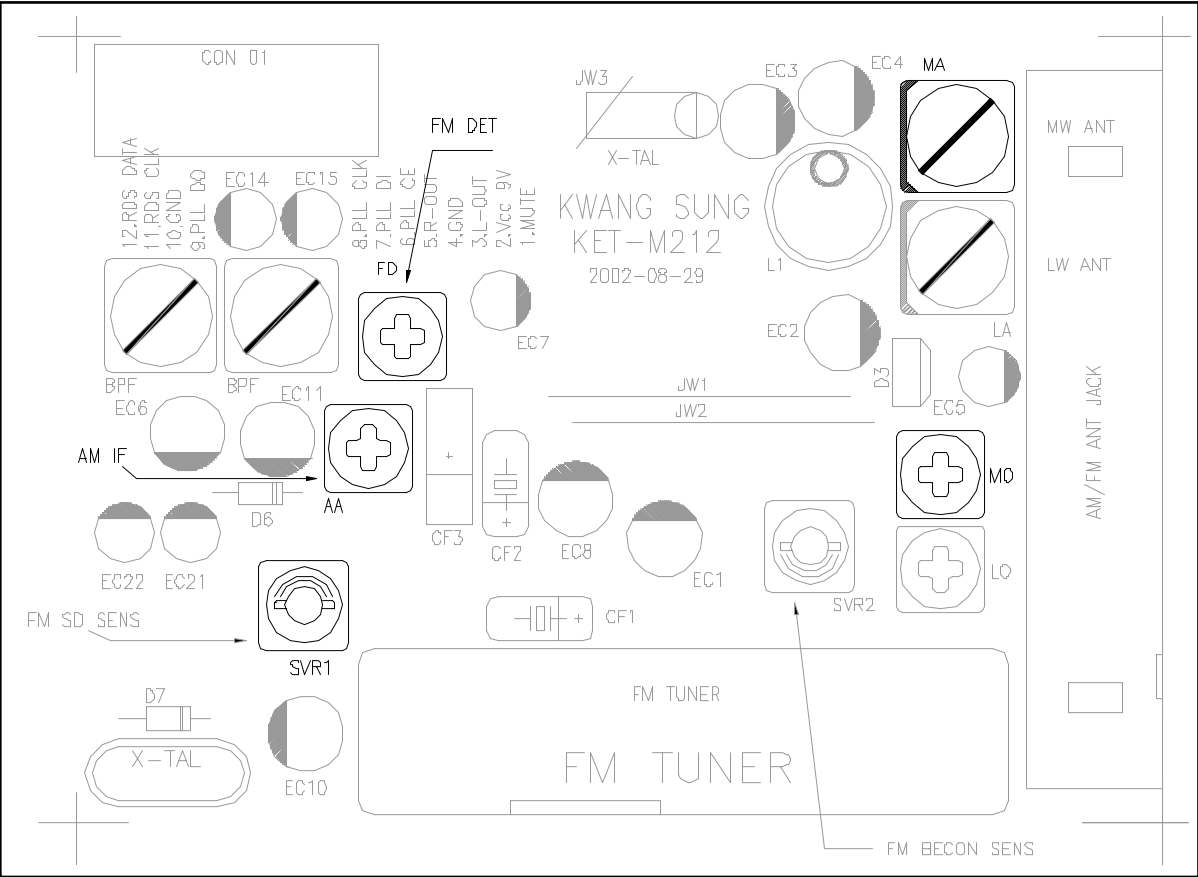
- Confidential -



ELECTRONICS

1. Alignment and Adjustments

1-1. Tuner



Alignment and Adjustments

1-1-2 AM(MW),LW,SW1,SW2 Adjustment

| Circuit to be Adjusted |            | Measuring Instrument & Arrangement                                          | Step | S.S.G Frequency | Radio dial Setting | Adjusting Point | Adjust for                               |
|------------------------|------------|-----------------------------------------------------------------------------|------|-----------------|--------------------|-----------------|------------------------------------------|
| AM (MW)                | OSC        | Connect AM signal generator to loop antenna,VTVM AND oscilloscope (Fig 1-3) | 1    | 522KHz          | 522KHz             | MW OSC          | Adjust for 1.0V±0.1V at the low. (IR117) |
|                        |            |                                                                             | 2    | 1611KHz         | 1611KHz            | MW OSC          | Check for 7.0V±1.0V at the high. (IR117) |
|                        | RF         | “                                                                           | 1    | 594KHz          | 594KHz             | MW ANT          | Maximum out                              |
|                        | INTER FREQ | “                                                                           | 1    | 455KHz          | 522KHz             | TL2             | Maximum out                              |
| LW                     | OSC        | Fig 1-3                                                                     | 1    |                 | 146KHz             | LW OSC          | Adjust for 2.0V±0.1V at the low.         |
|                        |            |                                                                             | 2    |                 |                    |                 |                                          |

2. Cassette Deck

2-1. To Adjust Tape Speed

Notes

1) Measuring tape: i) MTT-111 (or equivalent)  
(Tapes recorded with 3kHz)  
ii) MTT-5512 (or equivalent)

2) Connect the SPK OUT of the MAIN PCB to the frequency counter as in figure 1-5.

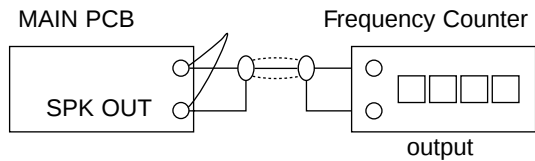
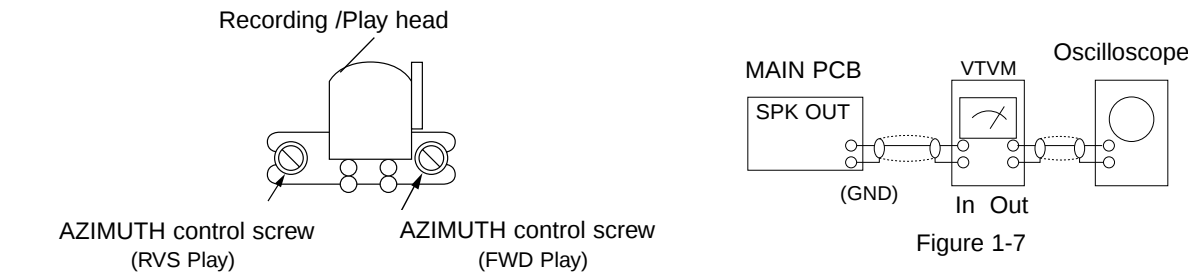


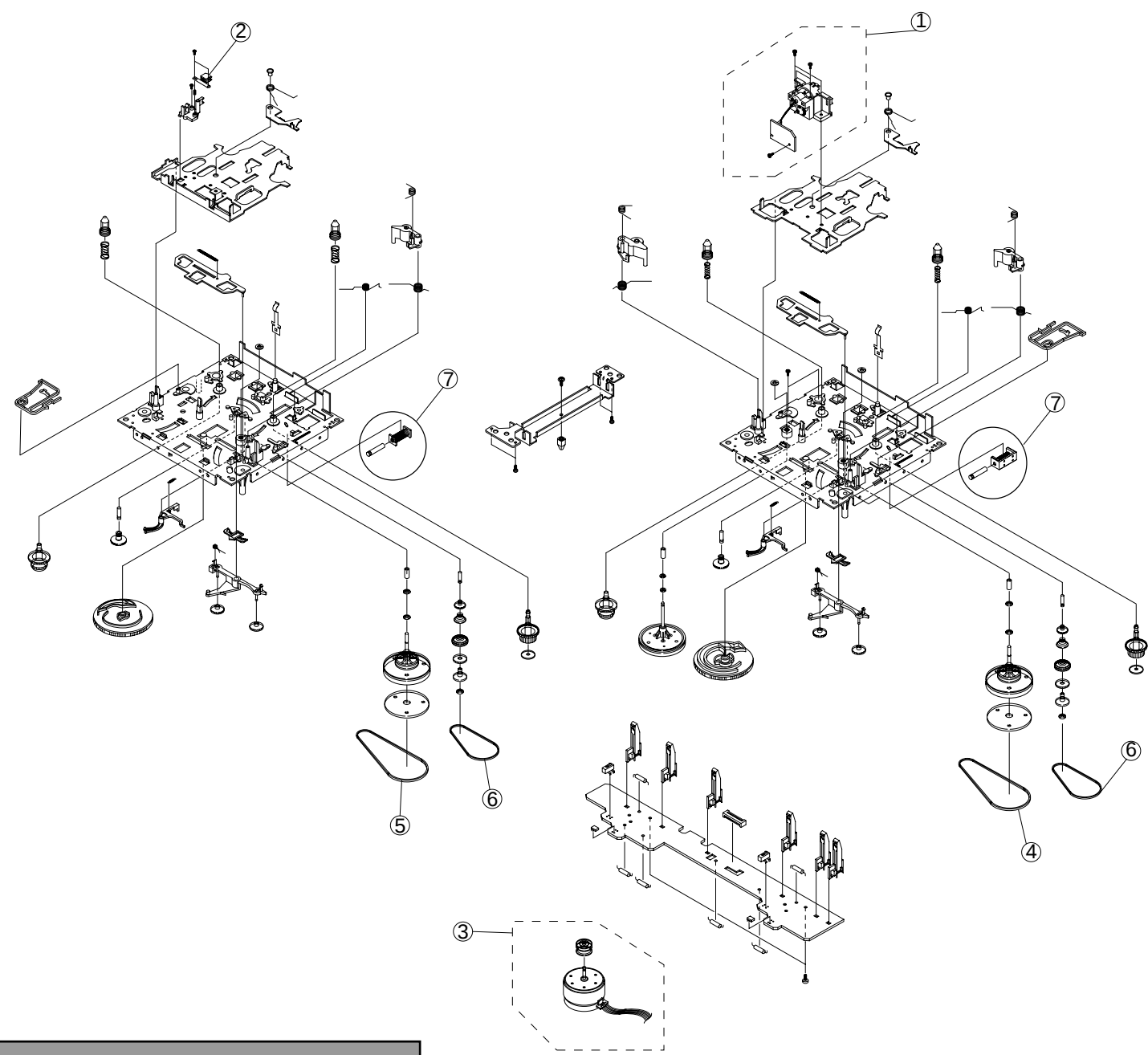
Figure 1-5

| Step | Item              | Pre-Setup Condition                          | Pre-Setup                                                               | To Adjust                               | Standard | Remark    |
|------|-------------------|----------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------|----------|-----------|
| 1    | NOR SPEED Control | SPK OUT (connected to the frequency counter) | 1) Deck 1:MTT-111<br>2) Press PLAY SW button<br>3) Deck 2:Same as above | Turn VSR1 to left and right (FRONT PCB) | 3KHz     | ±1% range |



2.Exploded Views and Parts List

2-1 Cassette Deck :ADR268FTW(OPTION)



| No. | Code No.    | Description   | Specification      | Remarks     |
|-----|-------------|---------------|--------------------|-------------|
|     | AH59-01145A | DECK-CASSETTE | ADR268FTW          |             |
| 1   | AH81-00368A | ASS.Y RP HEAD | ADR2400-RP(SANKYO) | MT91-11010T |
| 2   | AH81-00141B | HEAD PB       | MK10P-SS2N3        | MT59-00041V |
| 3   | AH81-00363A | ASS,Y MOTOR   | ADR2400-SHU2L      | MT91-15012J |
| 4   | AH81-00364A | BELT MAIN1    | ADR2400-MAIN 0.5   | 66          |



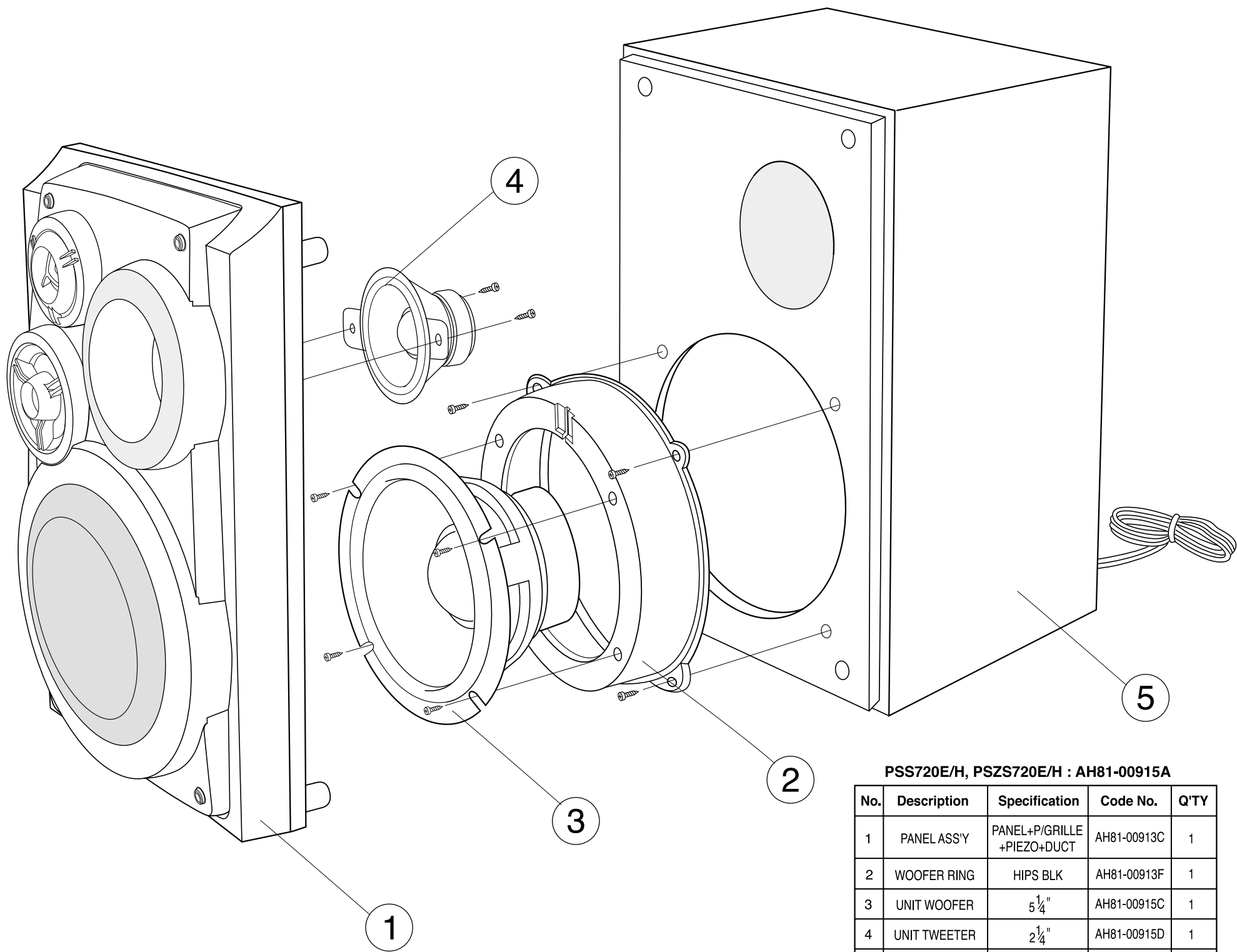




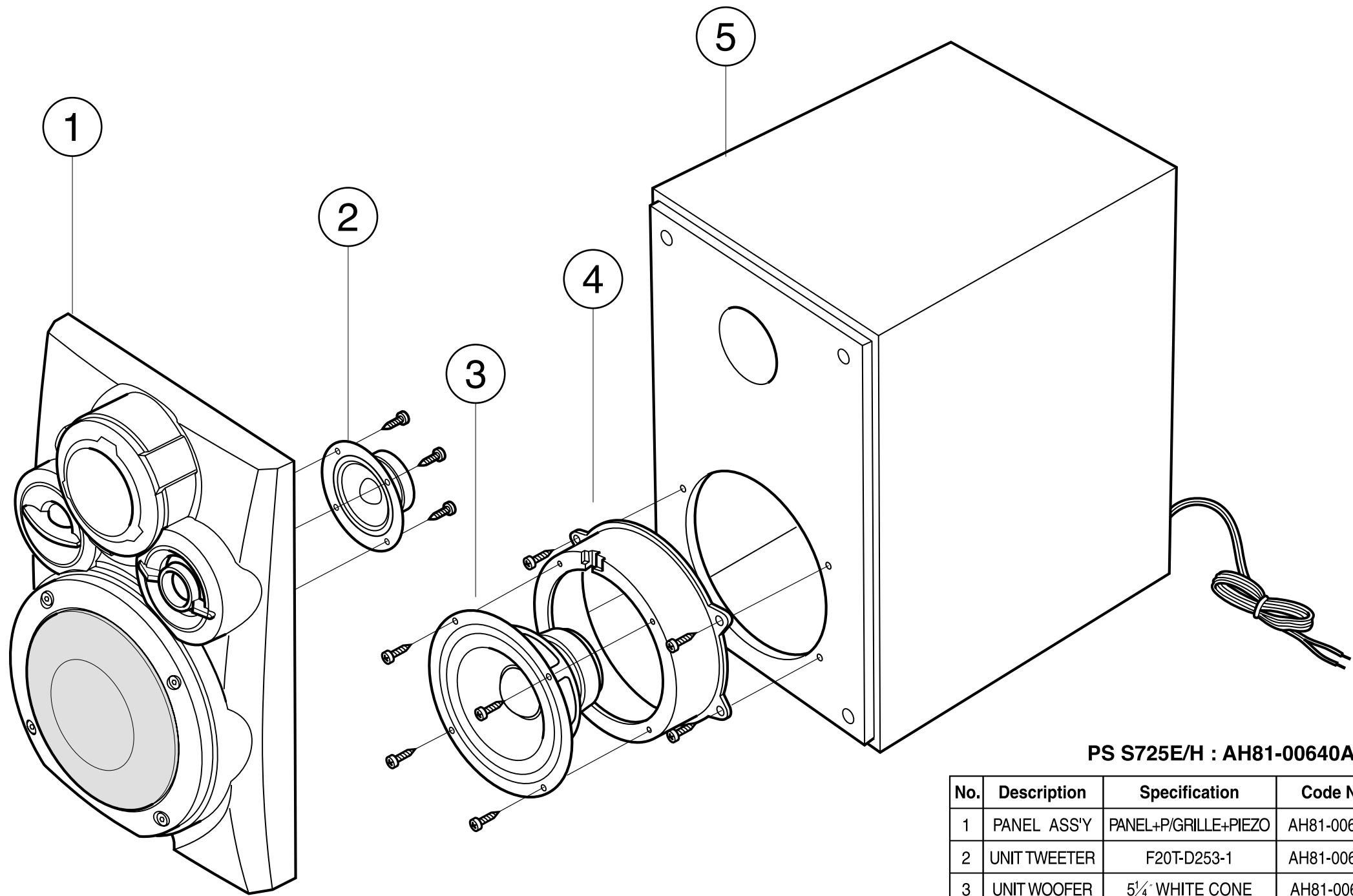
2-4 SPEAKER Exploded View and Parts list

2-4-1 MAX-S720/ S720S/ ZS720/ ZS720G

\* CAUTION : It is used the bonding, connet NET FRAME(or FRONT PANEL ASS'Y) to CABINET ASS'Y.  
So when the disassembly, take extreme care not to damage the SPEAKER.



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So when the disassembly, take extreme care not to damage the SPEAKER.



PS S725E/H : AH81-00640A

| No. | Description  | Specification        | Code No.    | Q'TY |
|-----|--------------|----------------------|-------------|------|
| 1   | PANEL ASS'Y  | PANEL+P/GRILLE+PIEZO | AH81-00640Q | 1    |
| 2   | UNIT TWEETER | F20T-D253-1          | AH81-00609R | 1    |
| 3   | UNIT WOOFER  | 5¼" WHITE CONE       | AH81-00640J | 1    |
| 4   | WOOFER RING  | HIPS BLK             | AH81-00     |      |











| Location no | Code no.    | Description                         | Specification | Remarks | Location no | Code no. | Description | Specification | Remarks |
|-------------|-------------|-------------------------------------|---------------|---------|-------------|----------|-------------|---------------|---------|
| FC31        | 2401-001912 | C-AL;1uF,20%,50V,GP5*11.5mm,TP      |               |         |             |          |             |               |         |
| HC4A        | 2401-001931 | C-AL;220nF,20%,50V,-,TP,4x7mm,5     |               |         |             |          |             |               |         |
| FC1         | 2401-001954 | C-AL;4.7uF,20%,50V,GP,TP,5x11mm,5mm |               |         |             |          |             |               |         |
| FC4         | 2401-001954 | C-AL;4.7uF,20%,50V,GP,TP,5x11mm,5mm |               |         |             |          |             |               |         |
| RC7         | 2401-001954 | C-AL;4.7uF,20%,50V,GP,TP,5x11mm,5mm |               |         |             |          |             |               |         |
| RC8         | 2401-001954 | C-AL;4.7uF,20%,50V,GP,TP,5x11mm,5mm |               |         |             |          |             |               |         |
| DC36        | 2401-001954 | C-AL;4.                             |               |         |             |          |             |               |         |

# 4. Block Diagram

## 4-1 MAIN

