

JVC

SERVICE MANUAL

MODEL

FS-100

FLAT SPEAKER SYSTEM



No. 2674
May, 1983

1. Specifications

Type	: 3-way flat speaker system	Impedance	: 4 ohms
Speakers		Frequency range	: 60 Hz—20,000 Hz
Woofer	: 8 × 12 cm (3-3/16" × 4-3/4") Dyna-Flat speakers × 8	Sound pressure level	: 87 dB/w•m
Midrange	: 8 × 12 cm (3-3/16" × 4-3/4") Dyna-Flat speakers × 4	Dimensions	: 88.5(H) × 58.0(W) × 23.6(D) cm (34-7/8" × 22-7/8" × 9-5/16")
Tweeter	: Dyna-Flat ribbon speaker × 1	Weight	: 17 kg each (38 lbs)
Power handling capacity	: 40 watts RMS (DIN) 80 watts music	Protector	: Self switching type

Design and specifications subject to change without notice.

2. Features

1. Ultrathin flat speaker system using newly developed dyna-flat speaker units.
2. Because sound issues not only from the front but also from the rear of these speakers, you can reproduce a sound field with greater presence in comparison to other speaker systems.

3. Service Precautions

1. Do not expose the speaker system to steam or heat because the diaphragm of the speaker unit is large-molecule film heat-resistant to 175°C. Also careful in handling since the diaphragm is easily damaged by organic solvents and the film is so thin that it can easily be deformed.
2. When a surge of power occurs which could overload the speaker, the woofer and tweeter sound will be interrupted due to the activation of a protective circuit (in this case, the volume of the system drops). When the volume decreases, the circuit breaker is self-restored.
3. When installing the flat speakers, make sure to confirm the ⊕, ⊖ polarity. (Refer to Fig. 3)
4. When installing the skirt, the side with the arrow should be in the front.
5. When exchanging the upper part squawker, install the acoustic screen to the middle section of the back side of the flat speakers. (Refer to Fig. 3)

4. Exploded Views and Part Numbers

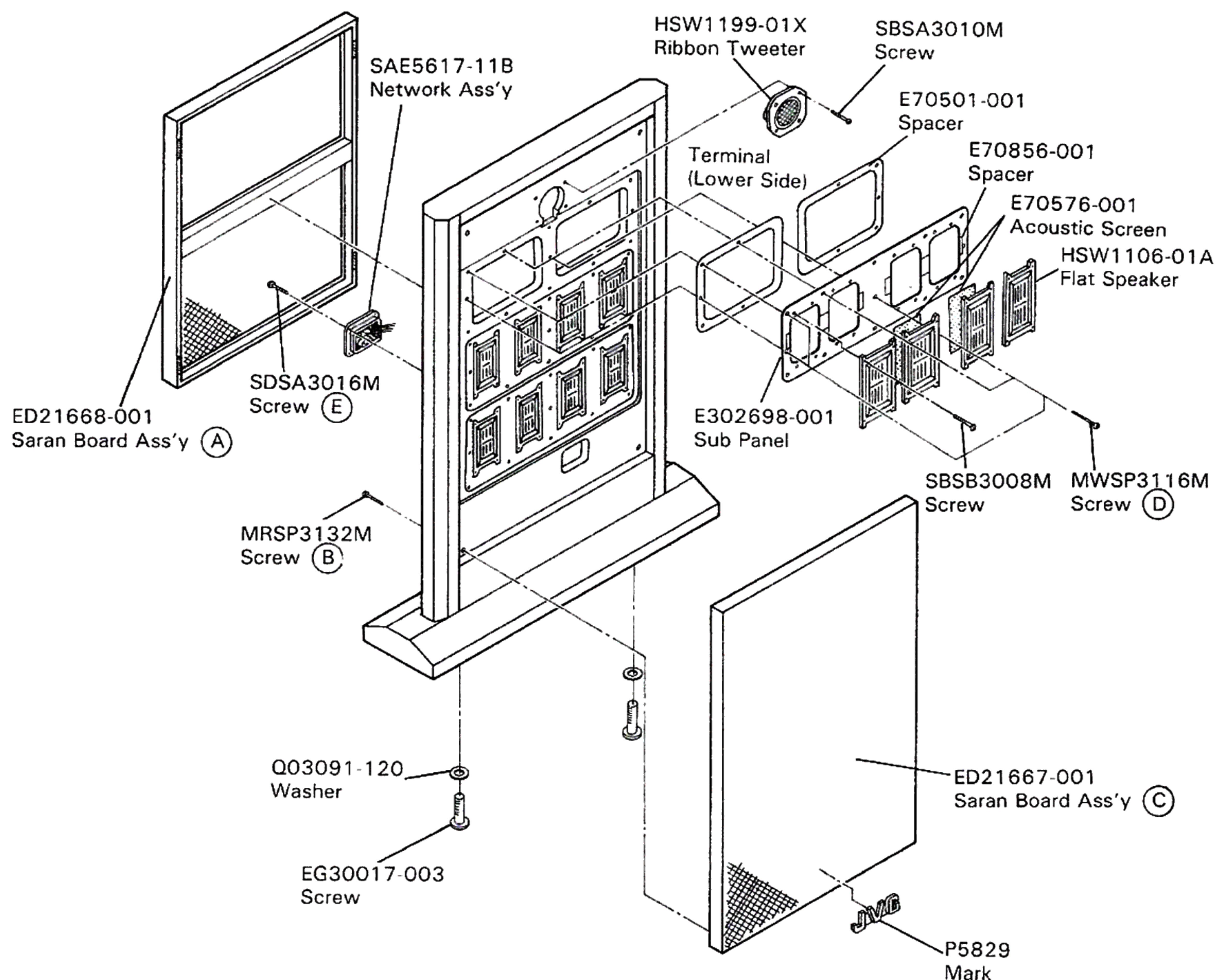


Fig. 1

Removal Procedures

• Flat speaker (refer to Fig. 1)

1. Remove the rear saran board assembly (A).
2. Unscrew 4 screws (B) and remove the saran board assembly (C) in the front.

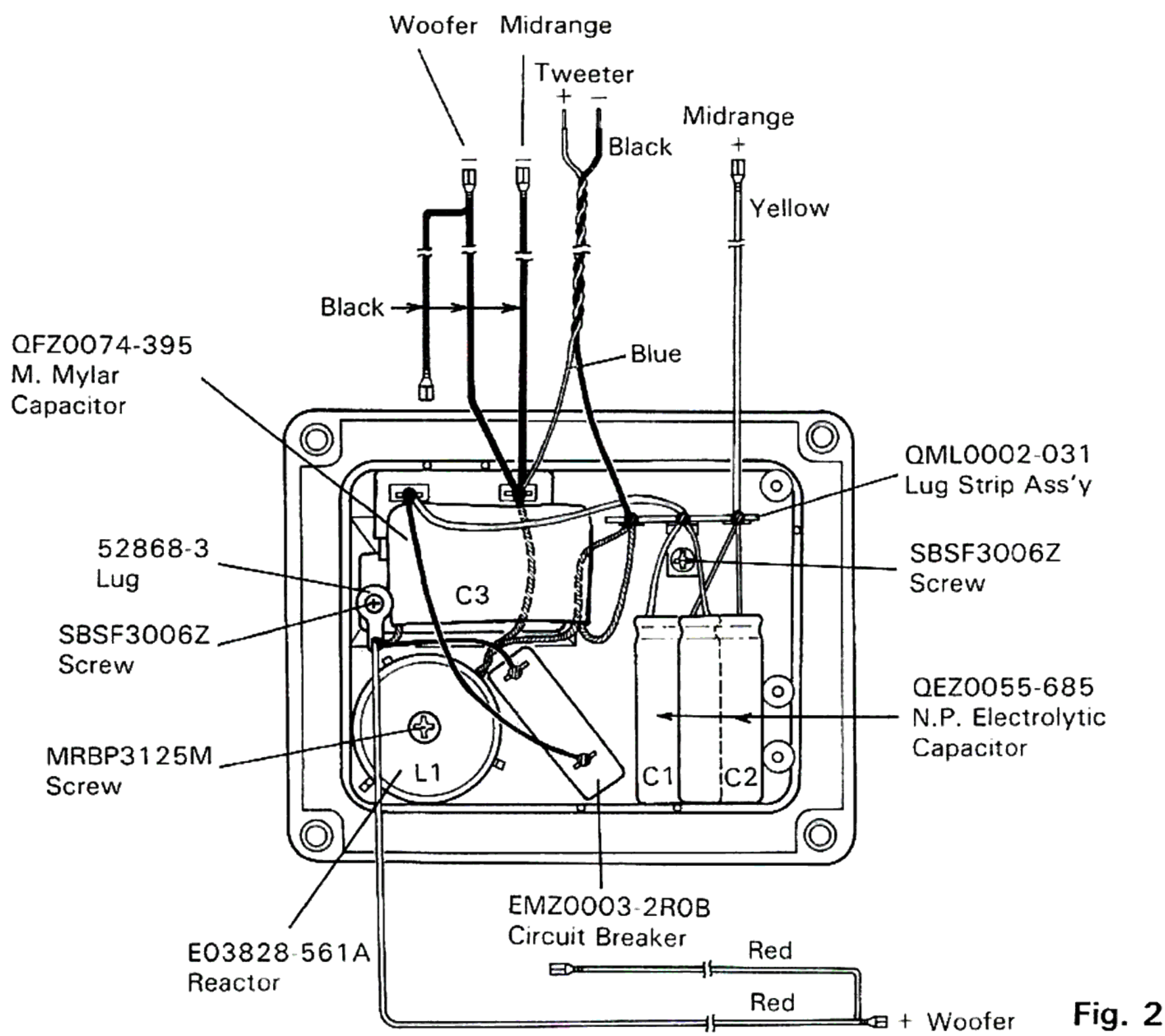
Note: When the removal of the saran board is difficult, push from the rear hole with a screw.

3. Remove the individual speaker fixing screws and replace them.

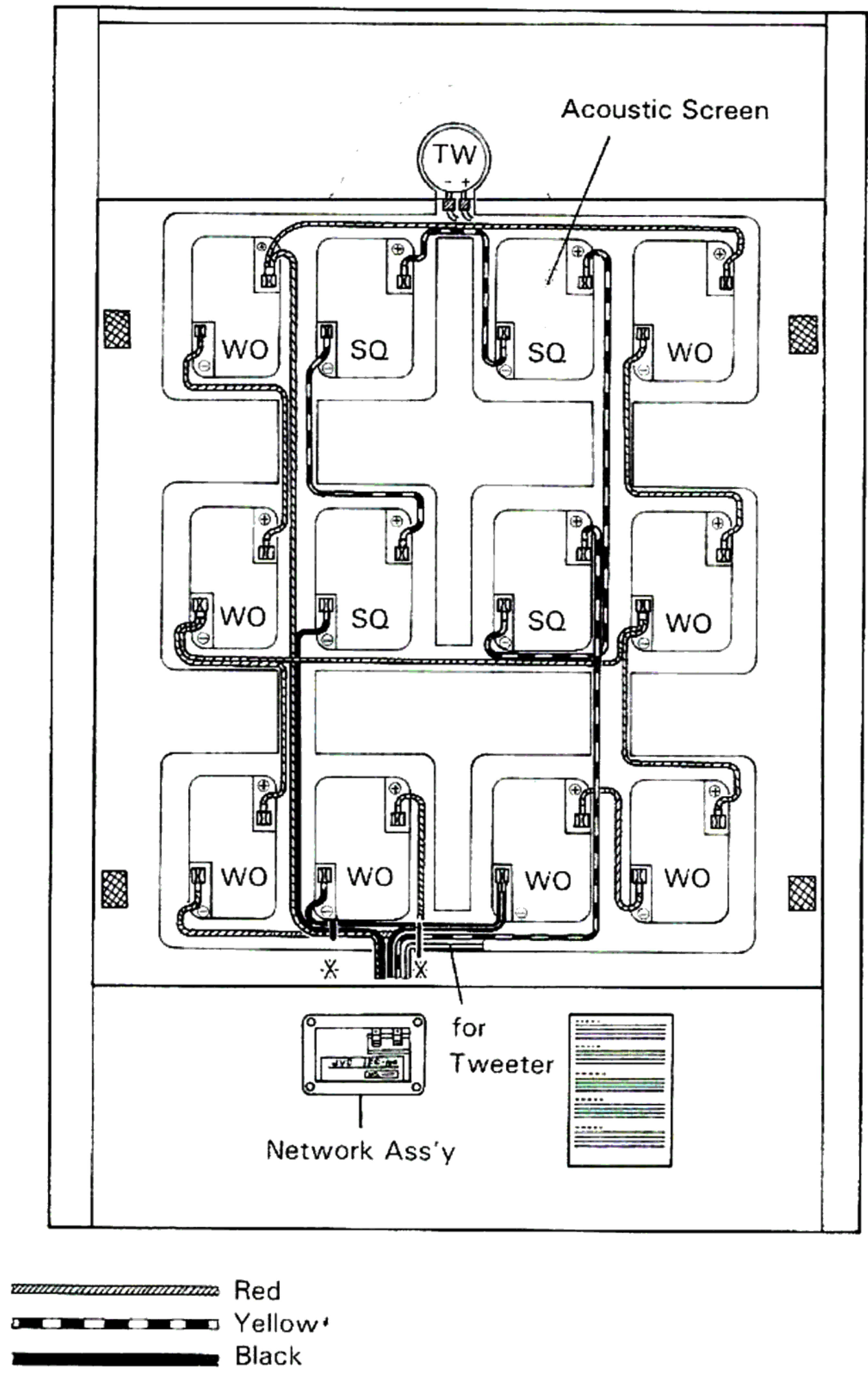
• Network Ass'y (refer to Fig. 1 and Fig. 3)

1. Unscrew the fixing screws (E) of the network assembly.
2. Remove the vinyl tie for wire fixing (Fig. 3. * mark).
3. Pull out the network assembly.

5. Wiring of Network System Sub Ass'y



6. Schematic Diagram



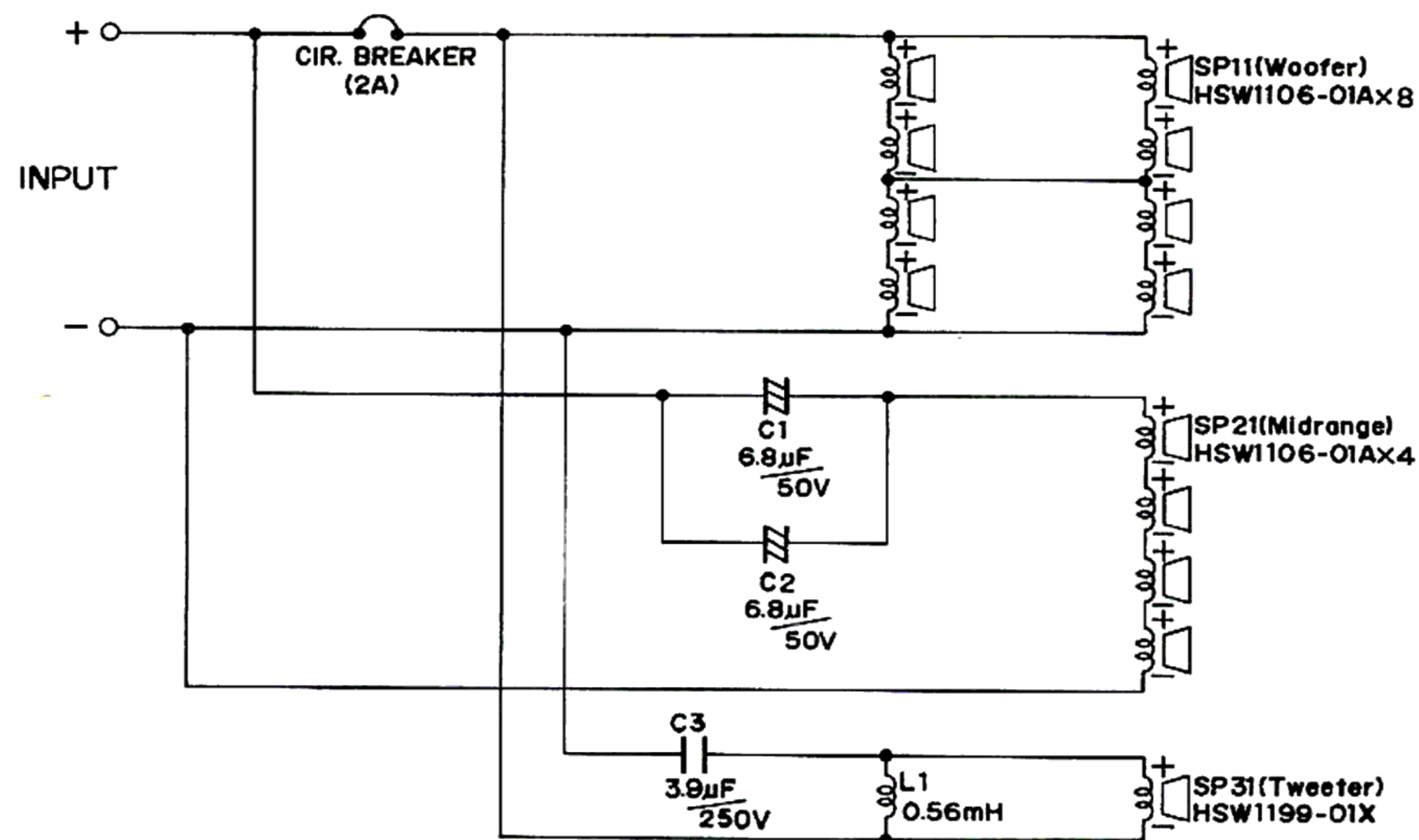


Fig. 4

7. Packing Materials and Part Numbers

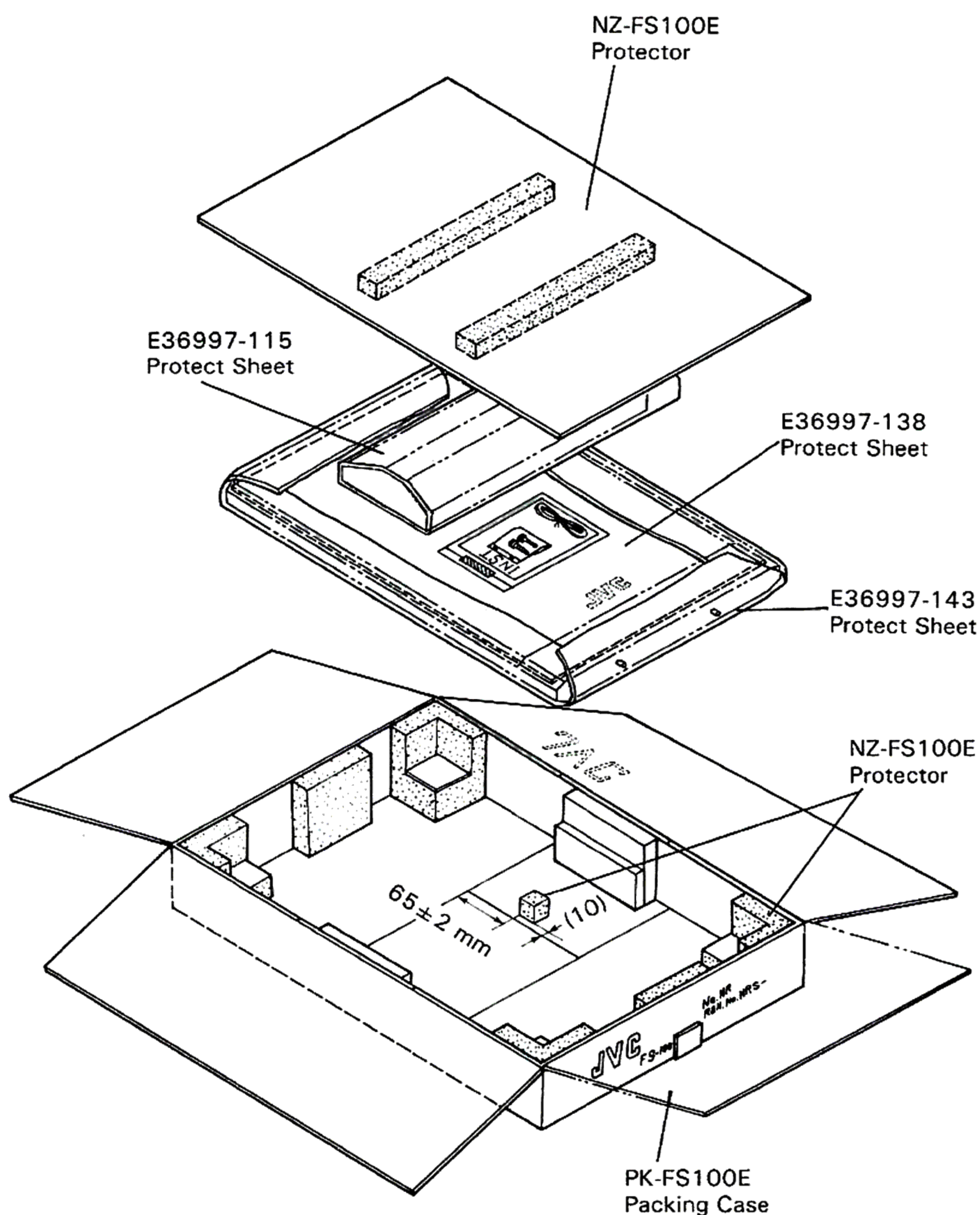


Fig. 5

8. Accessories List

Part Number	Description	Q'ty
E30580-1148A	Instruction Book	1
EWP102-001	Speaker Cord Ass'y	1
Q03091-120	Washer	2
EG30017-003	Screw	2
EGPA005-00703	Envelope	1
E300196-010B	Envelope	1

• Warranty Card

U.S.A. & Canada	Australia	West Germany	Europe	U.K.	U.S. Military Market & Other Countries
BT20025F	BT20029C	BT20025F	BT20025F	BT20060 BT20066	BT20025F



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