

SYLVANIA

GENERAL TELEPHONE & ELECTRONICS

FACTORY PREPARED

TECHNICAL SERVICE DATA

MODEL: AS25 AIR SUSPENSION SPEAKER

MODEL: AS25



SERVICE PUBLICATIONS DEPARTMENT

Entertainment Products Division • Sylvania Electric Products Inc. • 700 Ellicott Street • Batavia, N.Y.

REMOVAL OF GRILLE ASSEMBLY AND SPEAKERS

IMPORTANT:

Air Suspension speaker systems require a complete seal around all openings. Exercise caution in removal and replacement of speakers to insure air-tight seal. Two methods are used to provide an air-tight seal, depending on the physical construction of the speaker. In the one method, commercial mortite is used as a sealing compound. In the alternate method, chip-board gaskets, which are mounted on the speaker rim, provide the air-tight seal.

1. The grille assembly is secured to the speaker housing by wire brads, not visible through grille cloth.
2. Fabricate an angle bracket tool similar to illustration as shown in figure A.
3. Using the tool described in step 2, insert and pry gently at each corner brad on one side of speaker housing.
4. Place fingers under center of grille assembly and pull straight upward to release remaining brads. Remove assembly from speaker housing.
5. Remove hex-head screws from speakers and lift from housing. Disconnect leads from speaker. Install replacement speaker observing correct phasing. Original Mortite can be reused by forming a bead around rim.
6. To replace grille assembly:
 - A. Drive original brads into baffle to prevent air leakage.
 - B. Drive new brads into baffle through grille.

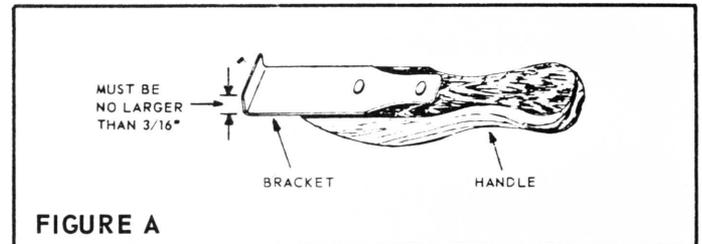
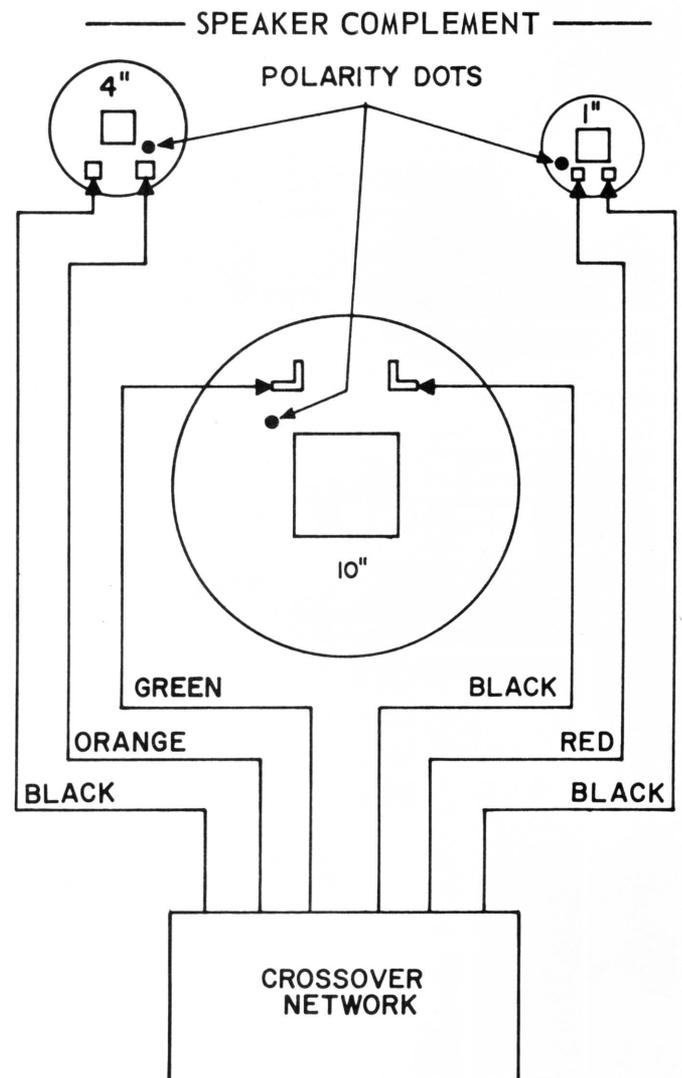
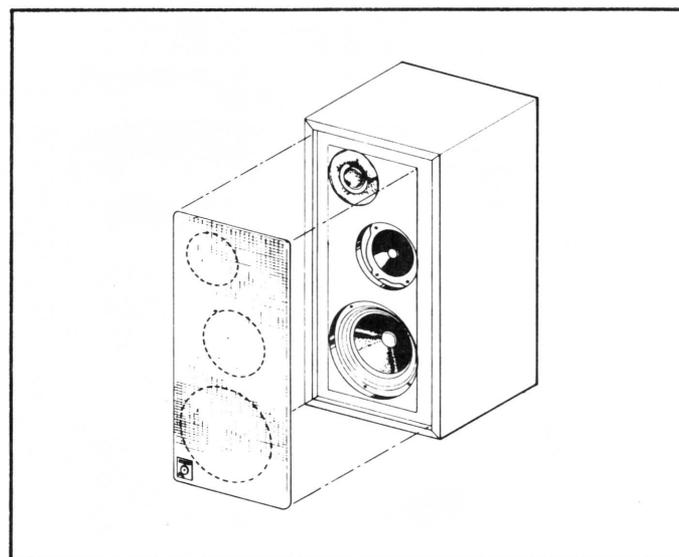


FIGURE A



— NOTE: —
SHOWN AS VIEWED FROM REAR OF SPEAKERS

IMPORTANT: Always use genuine Sylvania replacement parts and tubes.

(over)

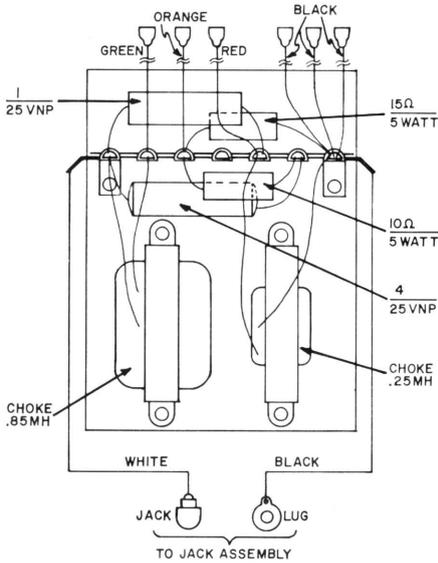
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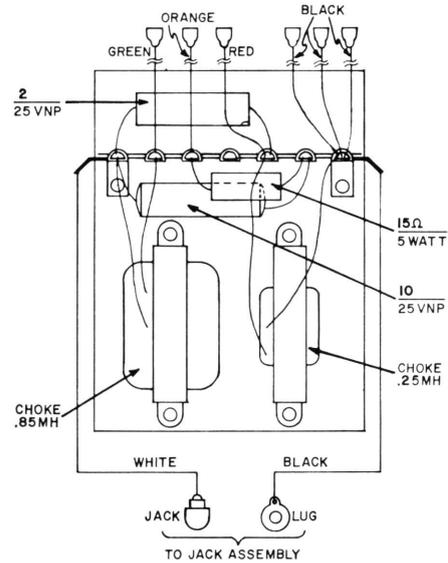
REPLACEMENT PARTS LIST

DESCRIPTION	SERVICE PART NO.	DESCRIPTION	SERVICE PART NO.
Cabinet - Grille Asm.	10-28363-1	Jack - Phono	73-14854-5
- Nameplate	74-22924-2	- Washer	73-14854-4
- Trim - Extrusion (Some Cabinet)	74-26207-3	Speaker - 1" Dome (Mortite sealer required)	12-26245-1
Cord - Speaker	73-14921-6	- 1" Dome (Alternate - mounted sealer)	12-28909-1
Crossover Network	See Below	- 4" PM (Mortite sealer required)	12-28066-1
Eyelet - Jack Mtg.	70-14635-2	- 4" PM (Alternate - mounted sealer)	12-28066-2
- "0" Ring	70-28718-1	- 10" PM (Mortite sealer required)	12-22110-1
Jack - Nut	73-14854-2	- 10" PM (Alternate - mounted sealer)	12-22110-3

CROSSOVER NETWORK ASSEMBLY



ALTERNATE CROSSOVER NETWORK ASSEMBLY



PARTS LISTS

DESCRIPTION	SERVICE PART NO.
Crossover - Capacitor, 4/25VNP	41-14304-11
- Capacitor, 1/25VNP	41-14304-1
- Choke, .85 mH	56-14305-2
- Choke, .25mH	56-14305-1
- Resistor, 10 ohm 5W	36-62454-25
- Resistor, 15 ohm 5W	36-62454-29

DESCRIPTION	SERVICE PART NO.
Crossover - Capacitor, 10/25VNP	41-14304-4
- Capacitor, 2/25VNP	41-14304-2
- Choke, .85mH	56-14305-2
- Choke, .25mH	56-14305-1
- Resistor, 15 ohm, 5W	36-62454-29

SCHEMATIC DIAGRAMS

