SYLVANIA
GENERAL TELEPHONE & ELECTRONICS

FACTORY PREPARED

TECHNICAL SERVICE DATA

MODEL: AS41W

AIR SUSPENSION SPEAKER
MODEL: AS41W

SERVICE LITERATURE

SYLVANIA
GENERAL TELEPHONE & ELECTRONICS
RADIO · TELEVISION
STEREO HIGH FIDELITY

SERVICE PUBLICATIONS DEPARTMENT

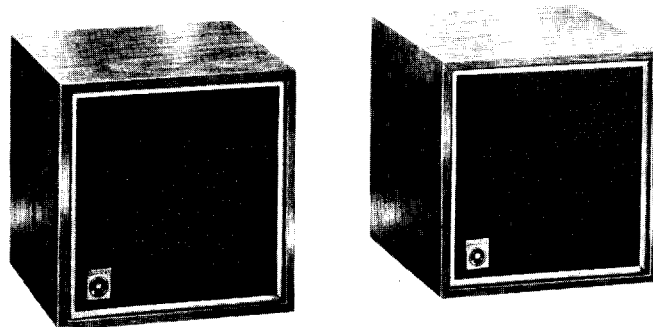Entertainment Products Division · Sylvania Electric Products Inc. · 700 Ellicott Street · Batavia, N.Y.

The AS41W is a small component, "air suspension" sealed speaker system incorporating a 4" high compliance wide range driver.

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. Commercial Mortite is used as a sealing compound.

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 head 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.
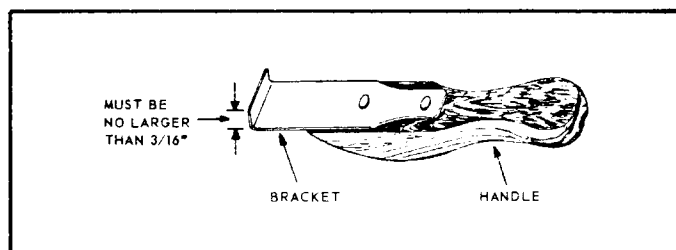

MODEL: AS41W
AIR SUSPENSION SPEAKERS

MUST BE NO LARGER THAN 3/16"

BRACKET   HANDLE

FIGURE A

——— REPLACEMENT PARTS LIST ———

DESCRIPTION	SERVICE PART NO.
Cabinet - Grille Asm.	10-28165-1
- Nameplate	74-22923-3
Cord - Speaker	73-14921-1
Eyelet - Jack Mounting	70-14635-2
Jack - Phono (SK1)	73-14854-1
- Nut	73-14854-2
- Lug	73-14854-3
- Washer	73-14854-4
Speaker - 4" PM (SP1)	12-22858-1

PERFORMANCE

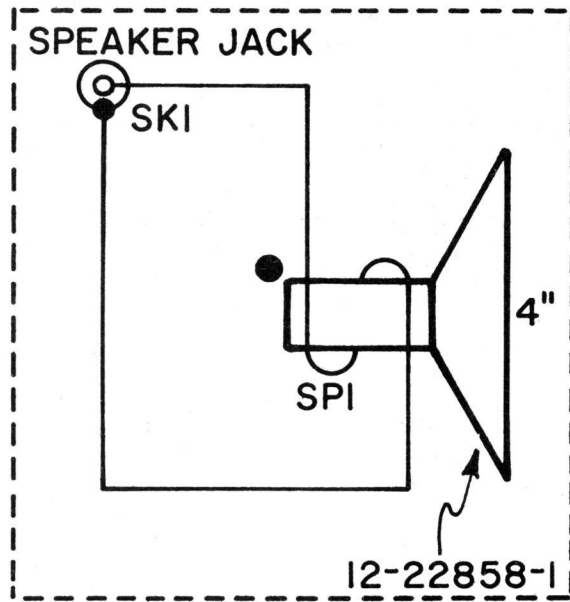|	
Nominal System Impedance	8 ohms
Recommended Amplifier Output	20W - IHF
Frequency Response	100 - 12kHz ± 6db
System Resonance	130Hz
Enclosure Volume	120 cu. in.

IMPORTANT: Always use genuine Sylvania replacement parts and tubes.

(over)

— SCHEMATIC DIAGRAM —

SPEAKER JACK

SKI

SPI

4"

12-22858-1

● INDICATES COLOR DOT ON SPEAKER

JACK
73-14854-1

NUT
73-14854-2

LUG
73-14854-3

WASHER
73-14854-4