

GTE SYLVANIA

INCORPORATED

FACTORY PREPARED TECHNICAL SERVICE DATA

STEREO HI-FI

SUPPLEMENT 1 TO
BULLETIN: R74-3

File with Bulletin: R74-3

SERVICE PUBLICATIONS DEPARTMENT
Entertainment Products Group

700 Ellicott Street - Batavia, N.Y.

This Supplement lists all Code Changes to date on the R74 chassis.

— CODE CHANGES —

CODE 00:

Initial Production.

CODE 01:

REASON: Power Amplifier oscillation prevention.

DESCRIPTION: The following change was made:

33PF, N150 capacitors added from Base to Collector of Q606A,B,C,D on copper side of PC panel.

CODE 02:

In order to provide a means of identifying finished goods previously built with SQ chips (Sylvania part number 15-34906-1) - date codes 7331 and 7332.

CODE 03:

REASON: To comply with IHF and industry standards.

DESCRIPTION: The following change was made:

Reverse BLUE/WHITE, RED/WHITE, BLUE and RED leads on headphone jacks.

The industry standard is for LEFT channel input to the TIP of the phone jack, and RIGHT channel input to the RING.

CODE 04:

REASON 1: To reduce RF pickup in Phono Preamp.

DESCRIPTION: The following changes were made:

1. C304A,C (47PF, N150) removed.
2. C346A (1000PF, Z5P) added between pins 2 and 3 of IC504.
3. C346C (1000PF, Z5P) added between pins 5 and 6 of IC504.

REASON 2: To eliminate pop when switching from FM to AM radio.

DESCRIPTION: The following changes were made:

1. C46 (330PF) removed.

2. R302A,C (10 ohm) removed.

3. R326A,C (47K) changed to 100K.

4. R63 (100K, 5%) added from wire hole L1 to ground.

5. R65 (100K, 5%) added from wire hole R1 to ground.

6. R149 (100K, 5%) added from square wire pin Z to ground.

7. R301A (100K, 5%) added from "+" side of C301A to ground.

8. R301C (100K, 5%) added from "+" side of C301C to ground.

REASON 3: To eliminate pop when switching from FM radio to Phono.

DESCRIPTION: The following changes were made:

1. C72 (5MFD., 25V) changed to 1MFD., 50V Electrolytic.

2. C74 (5MFD., 25V) changed to 1MFD., 50V Electrolytic.

REASON 4: To facilitate board assembly.

DESCRIPTION: The following changes were made:

1. Q604A,B,C & D transistor changed to part number 13-29775-1.

2. C108 (10MFD., 15V Electrolytic) added from junction of R112, R114 to ground.

REASON 5: To reduce switch pop.

DESCRIPTION: The following changes were made:

1. C604A,B,C & D (5MFD., 25V) Changed to 2MFD., 50V.

2. R314A,B,C & D (560K, 5%) changed to 47K, 5%.

3. R620A,B,C & D (560K, 5%) changed to 470K, 5%.

4. R634A,B,C & D (10K, 5%) changed to 3.3K, 5%.

5. R607A,B,C & D (6.8K, 5%) changed to 5.6K, 5%.

R688, part number 36-34726-7 is a .24 ohm, 2 Watt Wire-wound resistor of the FLAME RETARDENT type.

R690, part number 36-34726-8 is a .27 ohm, 2 Watt Wire-wound resistor of the FLAME RETARDENT type.

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