

METALLIC FACILITY TERMINAL
4-4 WIRE REPEATERS (J99343SA, SB)
2-4 WIRE TERMINAL REPEATERS (J99343RA, RF)
SD-1C359-01
DESCRIPTION

1. GENERAL

1.001 This addendum supplements Section 332-912-131, Issue 2. Place this pink sheet ahead of Page 1 of the section.

1.002 This addendum is issued for the following reasons:

- (a) To add Fig. 2.1 of the J99343SA-L2 (4-4 wire repeater).
- (b) To add Fig. 8.1 of the J99343SB-L2 (4-4 wire repeater).
- (c) To describe the SX reversing capability of the J99343SA-L2.
- (d) To describe the SX reversing capability of the J99343SB-L2.

This addendum does not affect the Equipment Test List (ETL).

2. CHANGES TO SECTION

2.001 On page 2, after paragraph 2.14 add the following:

2.15 The J99343SA-L2 (see Fig. 2.1) provides SX reversing capability by the addition of a

KS-19104-L6 slide switch mounted on the component board.

2.16 When the SX RV switch is set to the REV position, the polarity of the simplex leads (SX and SX1) are reversed. This function may be necessary to properly orient the SX/SX1 leads to certain connecting circuitry or signaling units.

2.17 When the SX RV switch is set to the NOR position, the simplex signaling leads (SX and SX1) are not reversed.

Note: The J99343SA-L2 is electrically equivalent to the SA-L1A,B. The SA-L1A,B is a field modification which provides for the addition of the SX reversing switch to existing SA-L1 units at the repair center.

2.002 On page 4, add Fig. 2.1 of the J99343SA-L2.

2.003 On page 7, after paragraph 3.01 add the following:

3.02 The J99343SB-L2 (see Fig. 8.1) provides the same SX reversing capability as the J99343SA-L2. The descriptive information on the SX reversing switch, contained in paragraphs 2.15 through 2.17, applies to the J99343SB-L2. However, the note in 2.17 does not apply to the J99343SB-L2.

2.004 On page 10, add Fig. 8.1 of the J99343SB-L2.

NOTICE

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Bell System except under written agreement

RU1 309A AMPLIFIER UNIT FURNISHES VOICE FREQUENCY GAIN (OR LOSS) IN THE TRANSMIT DIRECTION. SEE FIGURE 3 FOR ADJUSTMENT INSTRUCTIONS.

OUTPUT IMPEDANCE SWITCH SELECTS 600 OHMS OR 1200 OHMS OUTPUT IMPEDANCE FOR THE 4-WIRE CABLE FACILITY ON THE B-SIDE OF THE REPEATER.

RU2 309B AMPLIFIER UNIT FURNISHES VOICE FREQUENCY GAIN (OR LOSS) PLUS EQUALIZATION IN THE RECEIVE DIRECTION. SEE FIGURE 3 FOR ADJUSTMENT INSTRUCTIONS.

RV/T & RV SWITCHES THE POSITIONS OF THESE TWO SWITCHES SELECT THE ROUTING OF THE SIMPLEX SIGNALING LEADS. SEE FIGURE 7 FOR SETTING INSTRUCTIONS.

SX RV SWITCH REVERSES SIMPLEX SIGNALING LEADS IN THE B-SIDE.

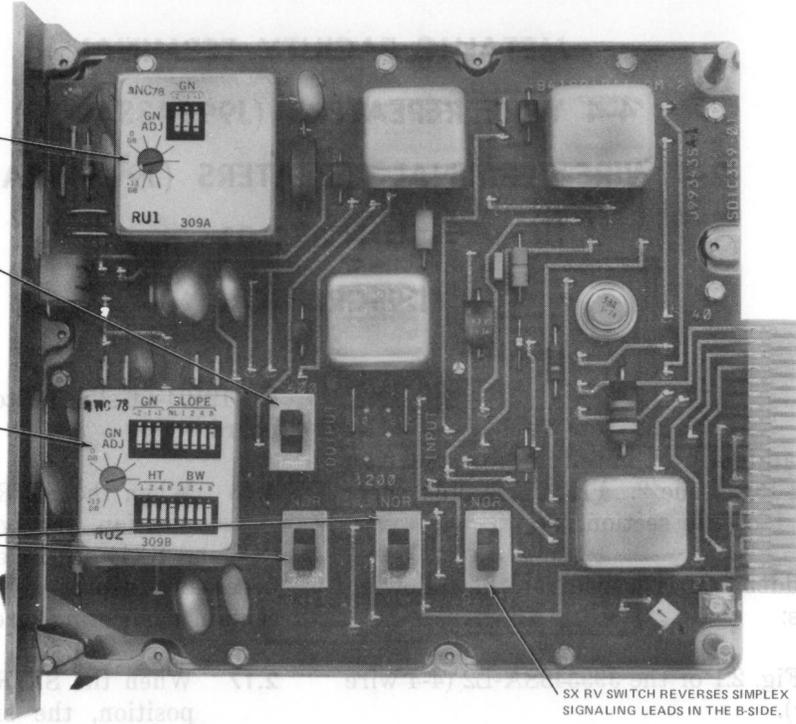


Fig. 2.1—Switch and Control Functions of the J99343SA, L2 Repeater

RU1 309B AMPLIFIER UNIT FURNISHES VOICE FREQUENCY GAIN PLUS EQUALIZATION IN THE A TO B DIRECTION. SEE FIGURE 3 FOR ADJUSTMENT INSTRUCTIONS.

INPUT IMPEDANCE SWITCH SELECTS 600 OHMS OR 1200 OHMS INPUT IMPEDANCE FOR THE 4-WIRE CABLE FACILITY ON THE A-SIDE OF THE REPEATER.

OUTPUT IMPEDANCE SWITCH SELECTS 600 OHMS OR 1200 OHMS OUTPUT IMPEDANCE FOR THE 4-WIRE CABLE FACILITY ON THE B-SIDE OF THE REPEATER.

RU2 309B AMPLIFIER UNIT FURNISHES VOICE FREQUENCY GAIN PLUS EQUALIZATION IN THE B TO A DIRECTION. SEE FIGURE 3 FOR ADJUSTMENT INSTRUCTIONS.

RV/T & RV SWITCHES THE POSITIONS OF THESE TWO SWITCHES SELECT THE ROUTING OF THE SIMPLEX SIGNALING LEADS. SEE FIGURE 7 FOR SETTING INSTRUCTIONS.

SX RV SWITCH REVERSES SIMPLEX SIGNALING LEADS IN THE B-SIDE.

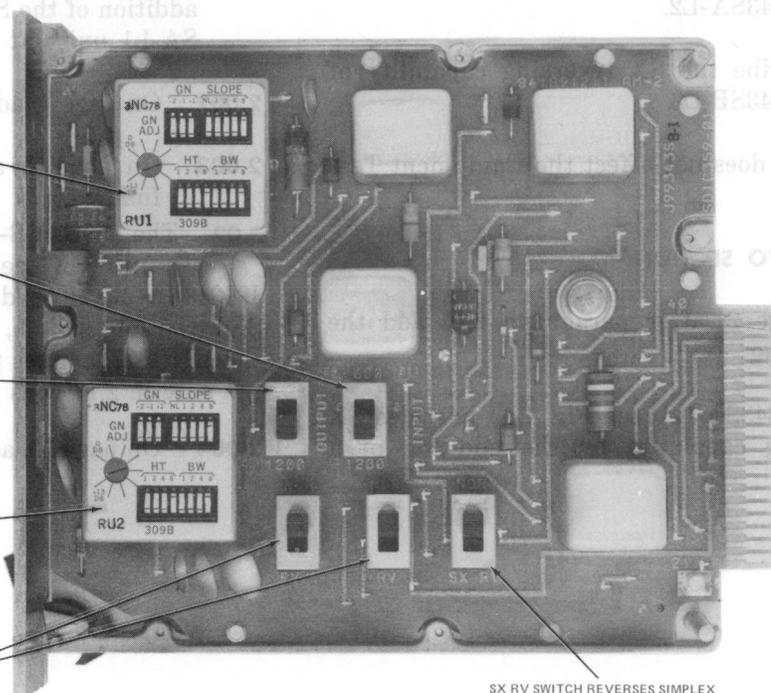


Fig. 8.1—Switch and Control Functions of the J99343SB, L2 Repeater