

## 47B TEST EXTENDER - 5STE240BAA

### DATA SHEET

### SLC<sup>®</sup> SERIES 5 CARRIER SYSTEM

The 47B Test Extender (COMCODE 104435953) is used to provide metallic test access to the SM92/SM94 slot of a PGTC (pair gain test controller) or XTC (extended test controller) trunk unit. It is used to perform acceptance or maintenance tests of the XTC or PGTC and provides test access for local testing of pair gain systems (i.e., SLC Series 5 and SLC 96 carrier systems) via a KS-22475 trunk test set.

Figure 1 is a functional block diagram of the unit and Figure 2 shows the faceplate and jack designations.

The 47B test extender provides all of the features of the 47A test extender plus the capability to access the output of the SM92/SM94 trunk card normally connected to the central office switch.

Faceplate mounted 310-compatible jacks provide splitting access to odd and even NTT (no test trunk) lines coming from an MLT (mechanized loop test) or a local test desk. A second set of 310-compatible jacks provide splitting access to odd and even NTT lines going to the SM92/SM94 trunk card. The third (new) set of 310-compatible jacks provide splitting access to the odd and even tip (T), ring (R), and sleeve (S) lead outputs of the SM92/SM94 trunk card normally connected to the central office switch.

The FROM TRUNK CARD jacks provide access to the output (T, R, and S leads) of the SM92/SM94 trunk card. This can be used to make a direct connection between the output of the SM92/SM94 trunk card and the input (T and R) of a POTS channel unit or the XTC CUE (channel unit emulator) to allow testing of the XTC before NTTs are installed.

The TO XTC/PGTC jacks provide test access to the input (T, R, and S leads) of the SM92/SM94 trunk card necessary to perform installation acceptance tests or maintenance tests using a KS-22475 Trunk Test Set as outlined in AT&T Practice 363-205-300. These jacks (EVEN TRUNK and ODD TRUNK) can also be used to perform local tests of pair gain systems (i.e., SLC Series 5 and SLC 96 carrier systems) via a trunk test set.

The FROM MLT/TEST DESK jacks provide test access to the T, R, and S leads on the EVEN TRUNK and ODD TRUNK to make continuity measurements between the PGTC backplane and MLT or local test desk to verify proper cabling.

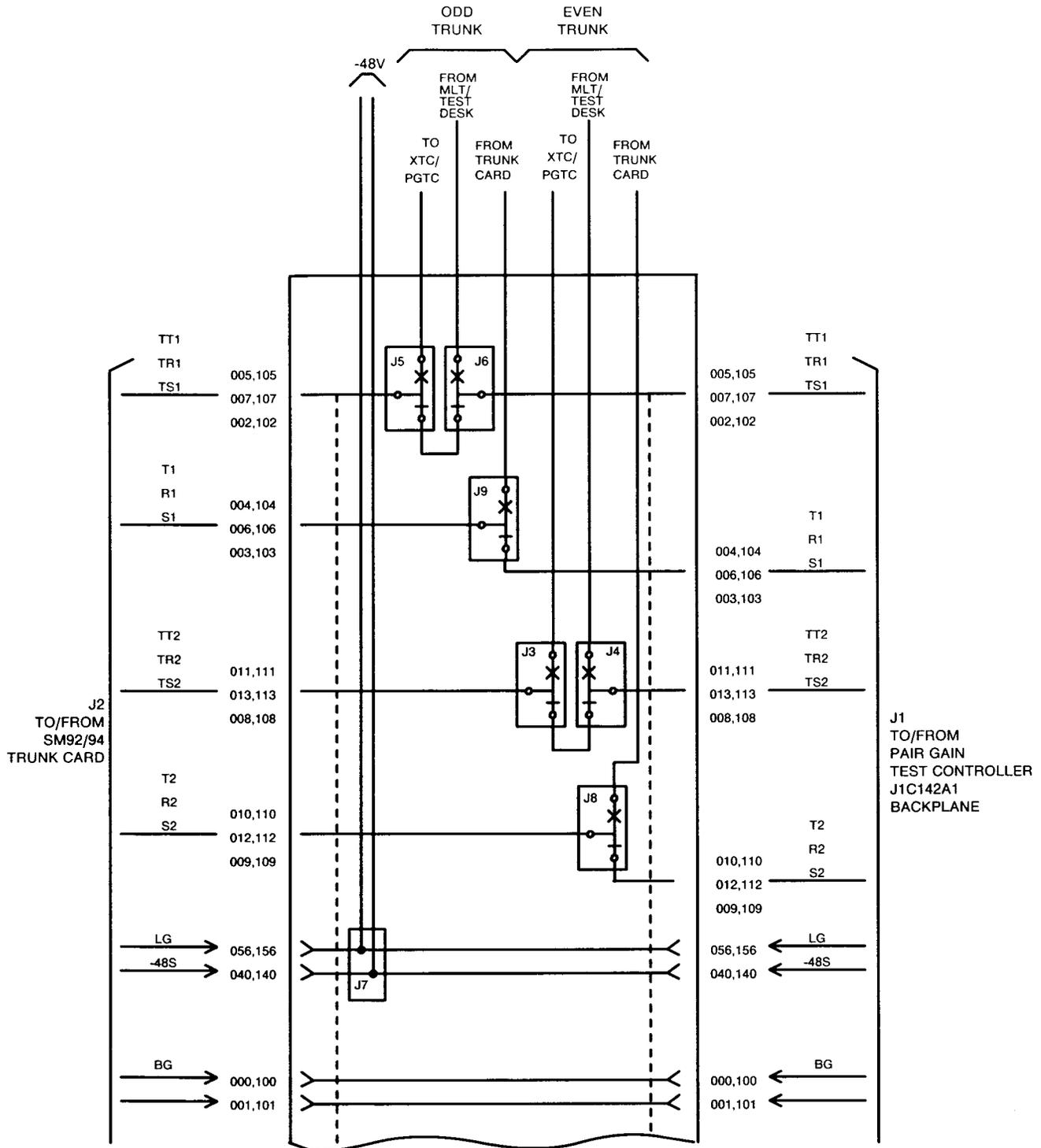
The -48V jack provides access to a -48V power source for the KS-22475 trunk test set.

To use the 47B test extender:

1. Remove the SM92/SM94 Trunk Card to be tested from the PGTC shelf.
2. Insert the 47B test extender into the trunk card slot.
3. Insert the SM92/SM94 trunk card into the 47B test extender.

Technical assistance for the SLC Series 5 carrier system can be obtained by calling the Regional Technical Assistance Center at 1-800-225-RTAC. This telephone number is staffed 24 hours per day.

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NOTE: The J3, J4, J5, J6, J8, and J9 symbols represent 310-type (TIP, RING, and Sleeve) splitting jacks.

Figure 1-47B Test Extender Block Diagram (Page 1 of 2)

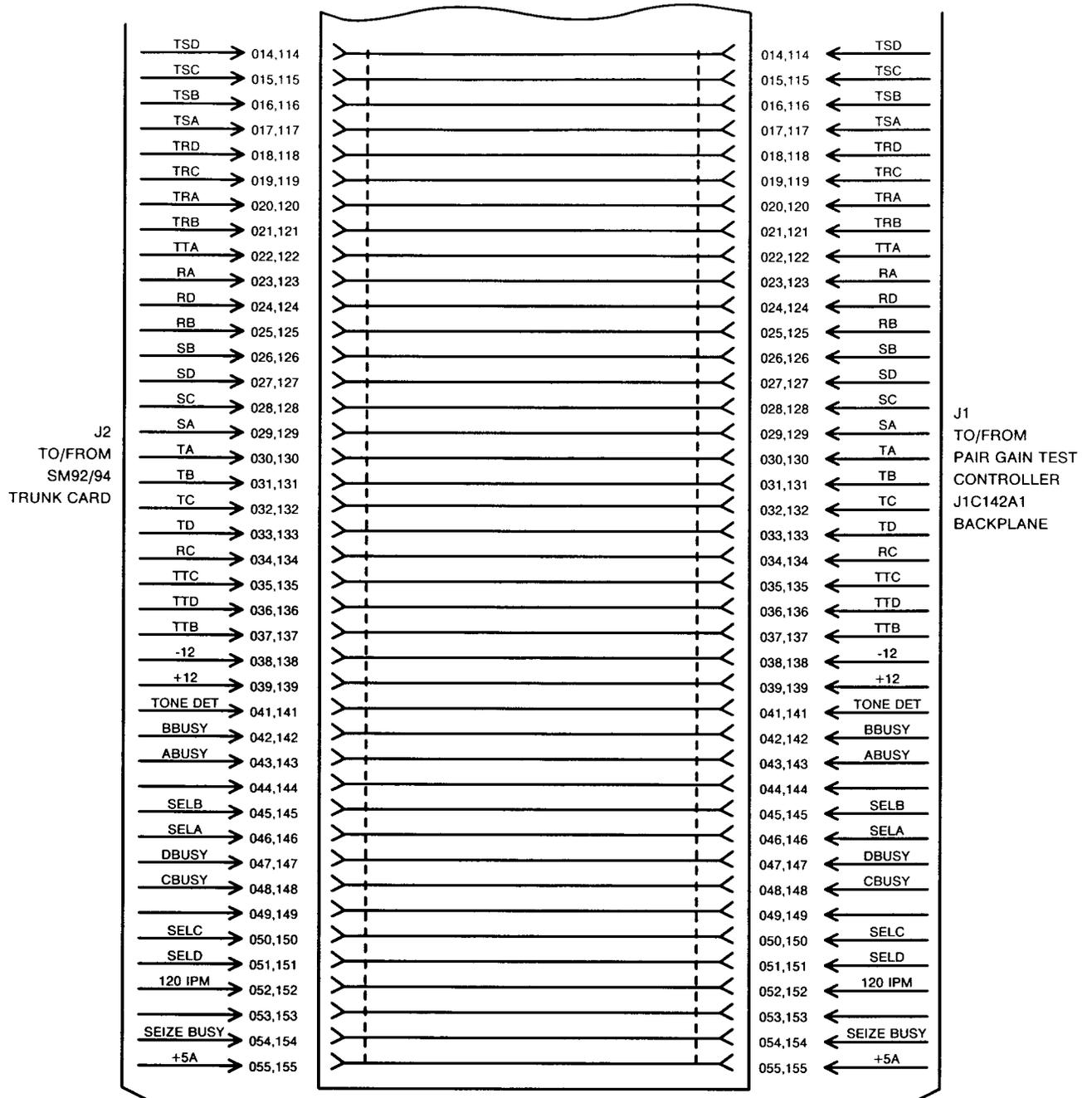


Figure 1—47B Test Extender Block Diagram (Page 2 of 2)

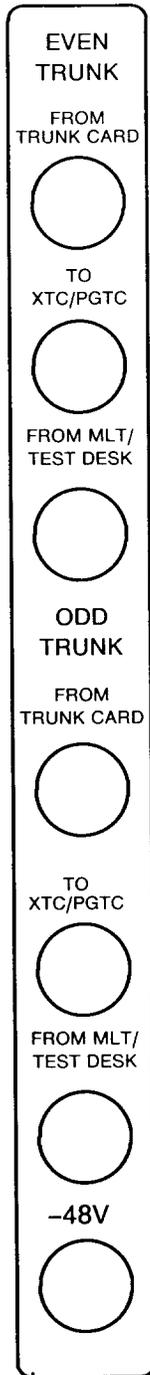


Figure 2—47B Test Extender Faceplate