TAG INC.
Telecom Assistance Group, Inc.
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Adtran TA5000 DS1 Streaker Card
ST-T5K-DS1 Practice

CONTENTS

▶ 2 APPLICATION

The ST-T5K-DS1 Streaker Card is utilized by installers to quickly and easily verify wiring from the backplane of the Adtran TA5000 DS1 card slots to the wire termination points. The "streaker" test determines whether or not the Adtran TA5000 DS1 card slots are properly connected through the interconnect wiring. *(Can be used for both 32 port DS1 & 32 port DS1 Voice Gateway.)*

The ST-T5K-DS1 Streaker Card is powered by a 9v battery and does not require a powered backplane.

▶ 1 GENERAL

This practice describes Telecom Assistance Group's ST-T5K-DS1 Streaker Card. The ST-T5K-DS1 is used when installing an Adtran TA5000 Shelf equipped for 32 port DS1 or 32 port DS1 Voice Gateway modules. The ST-T5K-DS1 is a temporary test card that plugs in the Adtran TA5000 Shelf to confirm wiring from the shelf to the corresponding connection points.

For more information:
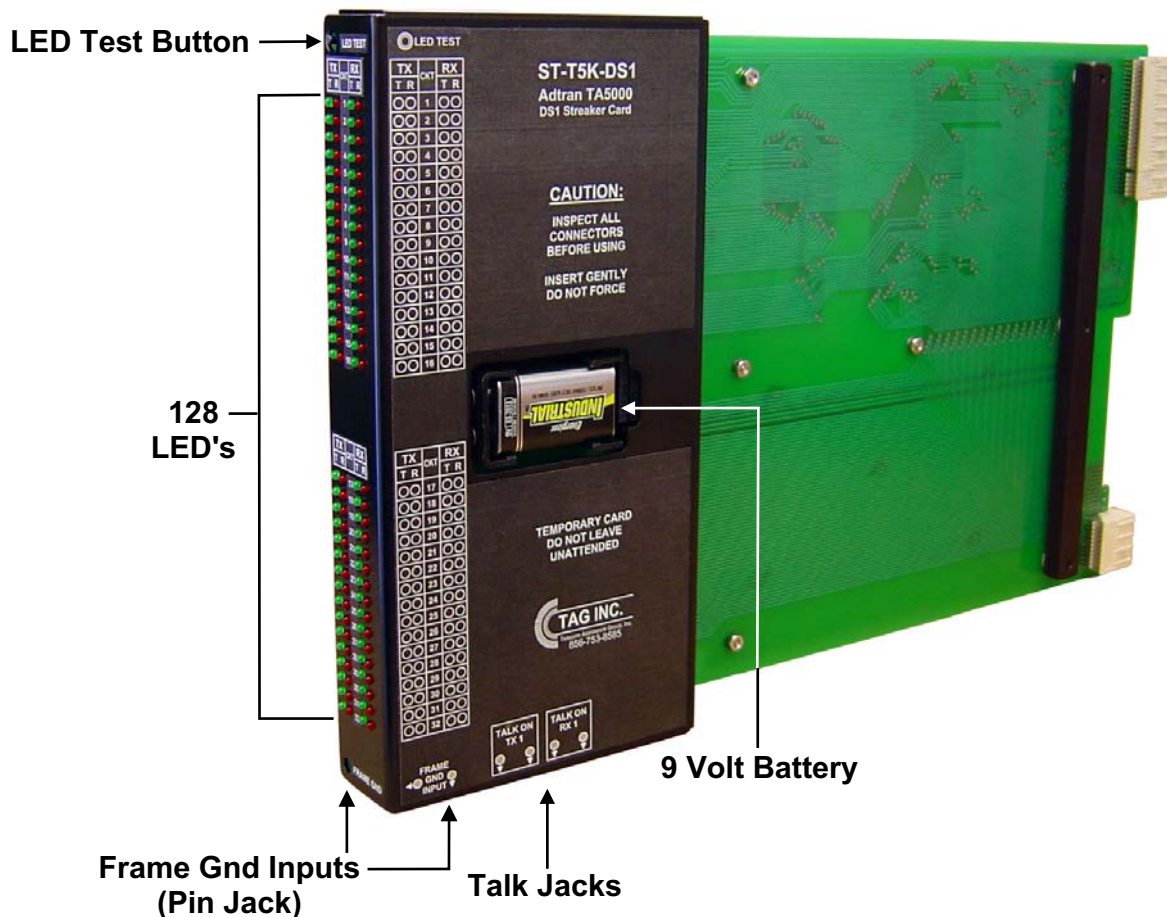*See Page 2 - Physical Description.*

▶ 3 PROCEDURE

The test procedure typically requires two (2) people for ease of testing. Tester 1 will observe the LED's at the front of the Adtran TA5000 DS1 Streaker Card (ST-T5K-DS1).

Tester 2 will connect a test probe to frame ground and ground the corresponding termination points.

Adtran TA5000 DS1 Streaker Card
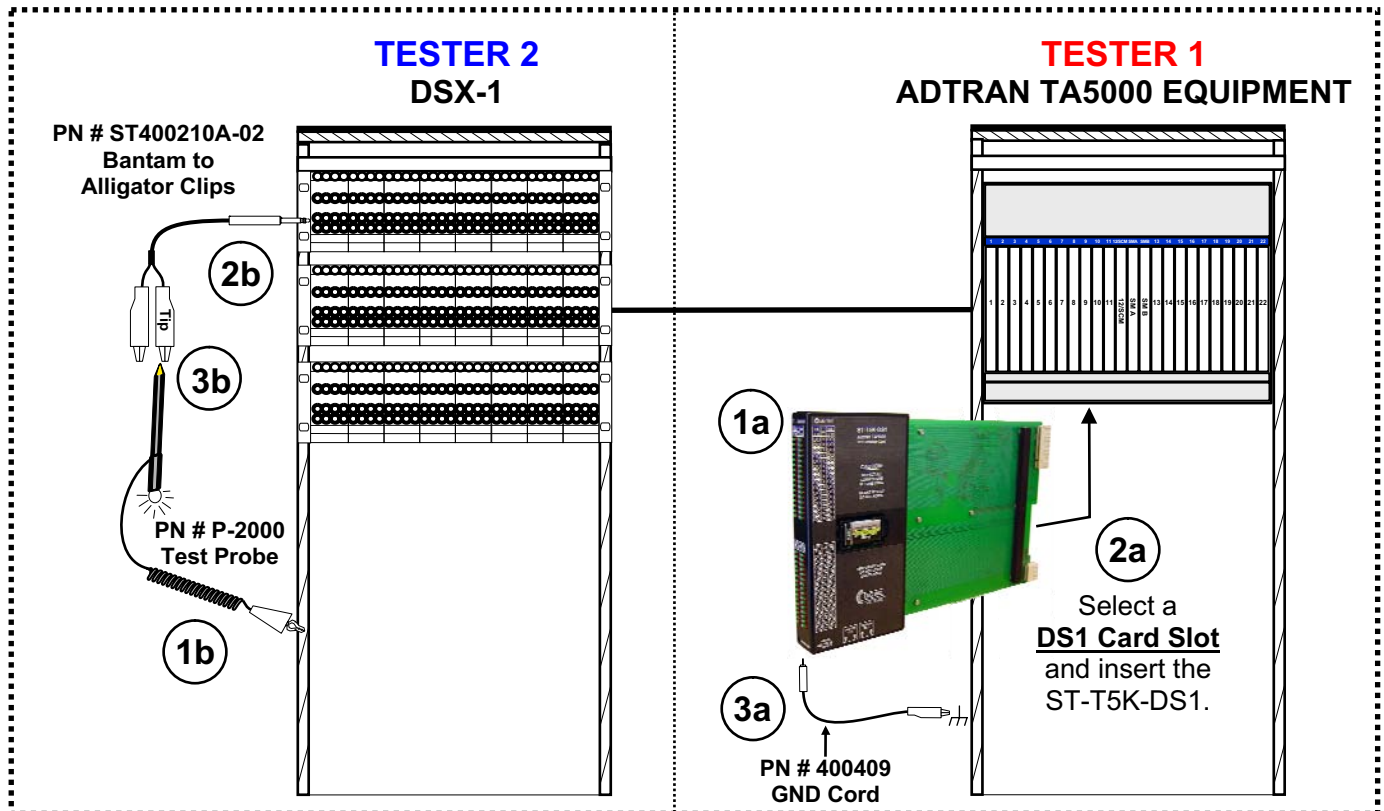ST-T5K-DS1   Practice # 3006495

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4 ▶ Physical Description

The ST-T5K-DS1 provides a quick method to "streak", verify wiring via LED's, from the backplane of the Adtran TA5000 to the DSX-1. At the DSX-1 simply ground the corresponding pins and the ST-T5K-DS1 will light the LED associated with that connection. *(Can be used for both 32 port DS1 & 32 port DS1 Voice Gateway.)*

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5 ▶ Step by Step Test Procedure

TESTER 2
DSX-1

PN # ST400210A-02
Bantam to Alligator Clips

2b

3b

PN # P-2000
Test Probe

1b

TESTER 1
ADTRAN TA5000 EQUIPMENT

1a

2a

Select a
DS1 Card Slot
and insert the
ST-T5K-DS1.

3a

PN # 400409
GND Cord

TESTER 1 (Adtran Total Access 5000 Equipment)

1a. Press LED test button. Verify that all LED's illuminate. If LED's do not illuminate, replace with a new battery.

2a. To begin testing, select an Adtran TA5000 DS1 Slot & insert the ST-T5K-DS1.
(CAUTION: Do not force. Verify proper alignment before inserting.)

3a. If chassis ground is not already connected through the backplane, insert Pin plug test cord (# 400409) into the ST-T5K-DS1 Streaker Card and connect the Alligator Clip to Frame GND.

4a. Establish communication with Tester 2 at the DSX-1.
You are ready to begin testing at the Adtran TA5000 Equipment (observe LED's illuminating).

TESTER 2 (DSX-1)

1b. Connect test probe (P-2000) Alligator Clip to Frame Ground.

2b. Plug Bantam to Alligator Clips cord in DSX-1 jack to begin testing

3b. Touch Probe end to "ground the corresponding wiring assignments." The LED on the probe will illuminate to indicate a connection to the ST-T5K-DS1 Streaker Card.
LED (DS1 TX Tip) = DSX-1 (DS1 TX Tip)