P/N 92212201 • Rev B• 11/6/2008

Warranty: *If this unit fails during the warranty period, contact tii customer service to authorize return. Unit may be returned prepaid.*

tii network technologies

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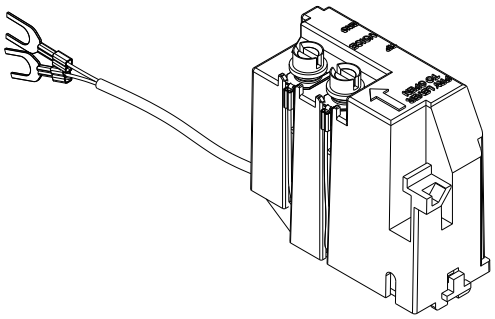

Model 97
ADSL POTS Splitter Module

Installation Note

DESCRIPTION

1. The TII 97 ADSL POTS Splitter Module (Figure 1) is designed for use at the subscriber premises in a TII 3600/3700 Network Interface Device (NID) and a CAC® 7600 NID (using a TII 9A Adapter). This module houses electronics known as a "POTS Splitter". The POTS Splitter allows both voice and data signals to travel over the telephone line. This device splits the combined signal to provide separate outputs for both phone and data. The ADSL POTS Splitter Module must be used along with a Standard POTS Customer Bridge Module (CBM) provided in the Outdoor Network Interface Device. The TII 97 ADSL POTS Splitter Module and the Standard POTS CBM's are interconnected to provide the subscriber output screw terminals for wiring both voice and data.

FEATURES

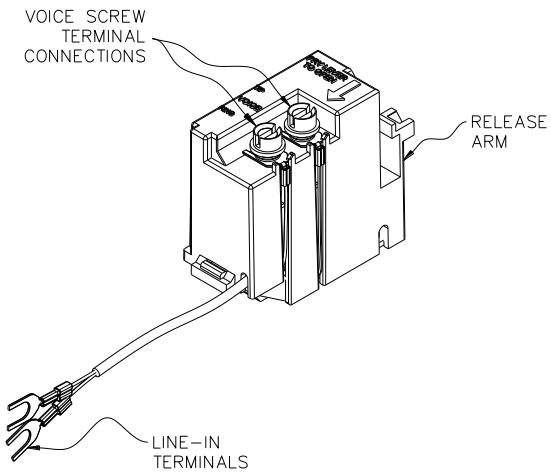

Figure 1

INSTALLATION

1. **Installing the 97 ADSL POTS Splitter Module Into the 3600/3700:** Open the outer cover on the Outdoor NID by loosening the customer access screw. Install the ADSL POTS Splitter Module into the NID by snapping it into the appropriate line module position (see Figure 2).

- Place the lower flange on the module under the base latch.
- Rotate the free side of the module down into the base.
- Snap the release arm on the module under the latch on the center wall of the unit.

2. **Installing the 97 ADSL POTS Splitter Module into CAC® 7600 Footprint NID:** Install the ADSL POTS Splitter Module in the TII 9A adapter by snapping it onto the adapter (see Figure 3). This assembly will then fit into any one of the CBM module positions in the NID by snapping it into the base.

3. **Interconnecting the ADSL POTS Splitter Module with the Customer Bridge Module:**

- See inside door of NID for warnings before wiring.
- Remove existing subscriber voice wires from the standard POTS CBM and connect them to the screw terminals on the ADSL POTS Splitter Module (Tip to green, Ring to red).
- Connect the line-in terminals of the 97 to the screw terminals on the standard POTS CBM (Tip to green, Ring to red) (see Figure 5).
- Dress any excess wire along the side of the base.

4. **After interconnecting the modules:** The output for DATA wiring is the screw terminal on the standard POTS CBM, and the output for VOICE wiring are the two screw terminals on top of the ADSL POTS Splitter Module.

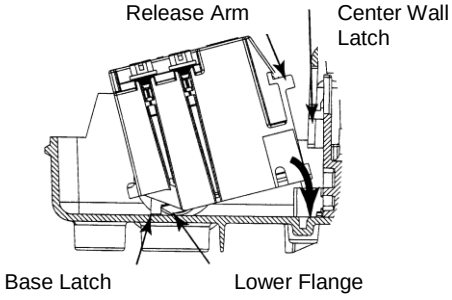

Figure 2

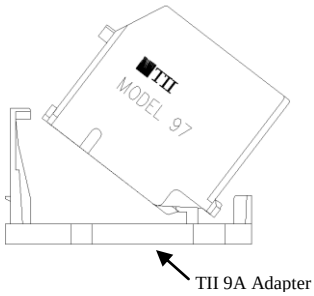

Figure 3

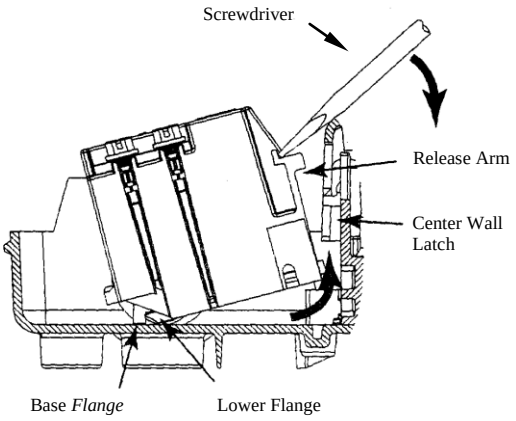

Figure 4

5. **Wiring for Voice and Data Grommet Preparations:** If routing additional wires through the rubber grommet located at the bottom of the unit, punch a small hole in the grommet. Do not break through the edge of the grommet. Doing so may compromise the grommet's holding ability.
6. **Subscriber Wiring:**

- Route wires through the grommet located at the bottom of the unit and dress up to the appropriate module(s).
- Dress any excess wire along the sides of the base.

DATA Wiring: Connect the subscriber DATA wires to the screw terminals on the Standard POTS CBM (Tip to green, Ring to red) (see Figure 5).

VOICE Wiring: Connect the subscriber VOICE wires to the screw terminals on the ADSL POTS Splitter Module (Tip to green, Ring to red).

7. **Wiring to Screw Terminals:**

- Strip conductor wires back approximately ½ inch.
- Wrap the base wire around the screw terminal between two washers. So not overlap wire on the screws.
- Cut off any excess wire after tightening the screw terminal.

8. **Securing the NID Unit:** Make sure the wire entrygrommet is completely seated into position in the base. Tighten the customer access screw to secure the cover.

Figure 5