

INSTALLATION NOTE

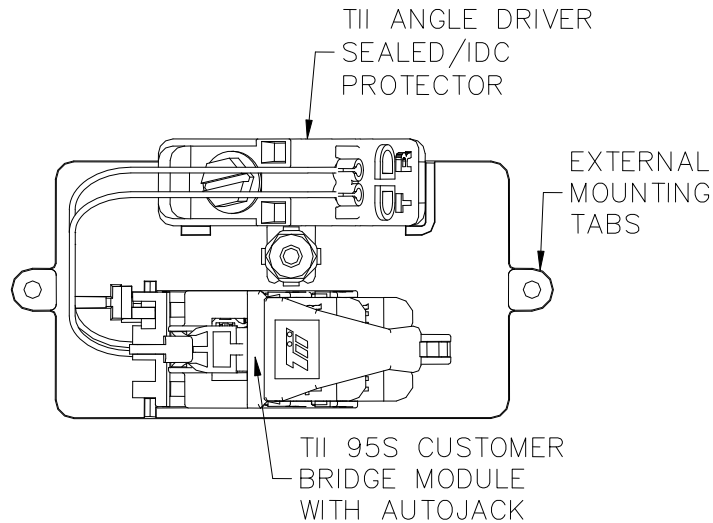


Figure 1

1. GENERAL

- The tii 3800 Series COCOT (Customer Owned Coin Operated Telephone) provides a demarcation point between the telephone service provider network and the subscriber's telephone wires. The Network Interface Device (NID) may contain gel sealed station protectors (tii Angle Drivers), or other primary station protectors such as tii's 355, 356, 127, etc., and sealed subscriber bridges (tii 95S Series). These primary surge protection modules provide primary electrical protection for subscribers. The tii 95S Series provides subscriber connections and a demarcation test access point. Each can terminate up to four subscriber extension line connections which will automatically disconnect when the customer uses the RJ-11 port for testing.

NOTE: See separate installation note if the unit is equipped with tii 95S Series ADSL POTS Splitter module.

- Each Angle Driver module can connect one pair of 18-24 AWG (1.02-0.51mm) central office (c.o.) wire and one pair of 22-24 AWG (0.65-0.4mm) subscriber bridge wires. Connections are created with insulation displacement connection (IDC) blades and are environmentally sealed.
- The NID housing is constructed from rugged, heat and solvent resistant, UV stabilized materials.

CAUTIONS AND WARNINGS

- Use company-approved safety practices and equipment.
- Only solid conductors can be used for connecting to the Angel Driver and the tii 95S Series Subscriber Bridges; **Do Not Use Stranded Wire.**
- Stranded or solid wires can be used on binding post termination primary protectors.
- Do not strip insulation from conductors when terminating to an IDC connector.
- If the hook up wire, OSP wire, or central office cable is physically larger than 22 AWG, a fusing conductor of 22 AWG or smaller solid copper wire with thermoplastic insulation must be used. Install the fuse link per local practices and approval agencies.
- This installation note may be used for binding post terminating primary protectors

2. INSTALLATION

- The 3800 COCOT NID Series is equipped for screw fastener mounting.

- To mount to wooden pole or wall, install two screws through the housing mounting tabs. Secure them to the required service.
- It also contains a magnetic base for mounting to metallic surfaces.

Prepare and Route Cables, Grounding

- Route the central office (c.o.) wire to the housing.
- If the cable is shielded, remove 1" of sheath and attach the ground lug to the shield.
- Route the subscriber wire to the housing.
- Strip the outer jacket insulation from the subscriber wire, exposing the insulated conductors.

Connecting Sealed Subscriber Bridge to Sealed Station Protector (where applicable)

- Using a 216 tool, raise the station protector driver by turning the bolt counterclockwise until the bolt spins freely, indicating the driver is in the "up" position. Insert the subscriber bridge conductors into the proper small top wire ports of the station protector until fully seated (approx. 3/4" or 20mm). Do not strip insulation from conductors (Figure 2).
- While holding the subscriber bridge conductors into the station protector driver, turn the driver bolt clockwise and return the driver to the "down" position (Do not overtighten.) Pull lightly on the subscriber conductors to verify connection (Figure 3).

Connecting Central Office Wire to Sealed Station Protector

- Using a 216 tool to raise the driver bolt of the station protector until it spins freely, indicating that the driver is in the "up" position (Figure 3).
- Insert the c.o. wire pair into the two large bottom ports of the protector (Figure 3) until fully seated.
- While holding the c.o. wires into the station protector driver, turn the driver bolt clockwise and return the driver to the "down" position (Figure 3). (Do not overtighten.)
- Pull lightly on all wires to verify connection.

Connecting Station Wire to Sealed Subscriber Bridge

- Open the subscriber bridge cover to gain access to top/bottom terminating rockers. Note the lid can be removed from the base of ease of wire installation (Figure 4).
- Open one unused wire rocker (Figure 4).
- Insert the wire pair into the TIP ("T" or Green) and RING ("R" or Red) rocker until fully seated (approx. 1/2" or 13mm). (Do not strip insulation from wire.) Note that if the wire was previously connected to the bridge, trim away the last inch (25mm) or so of wire, removing the area previously scored by the connectors (Figure 4).
- Press thumb firmly on rocker until it snaps shut. Route wires under lid (Figure 5). Repeat as required.

- Pull lightly on all wires to verify connection.
- Perform all customary tests.

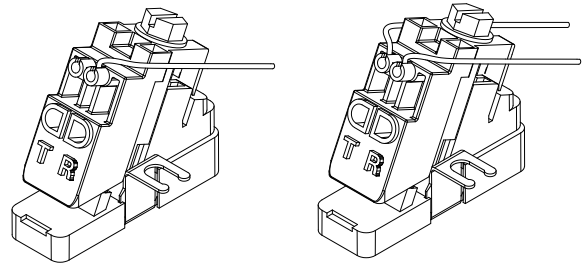


Figure 2

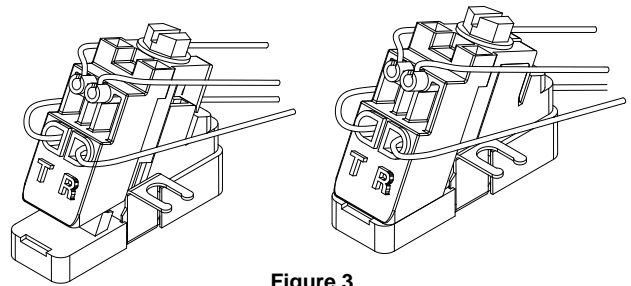


Figure 3

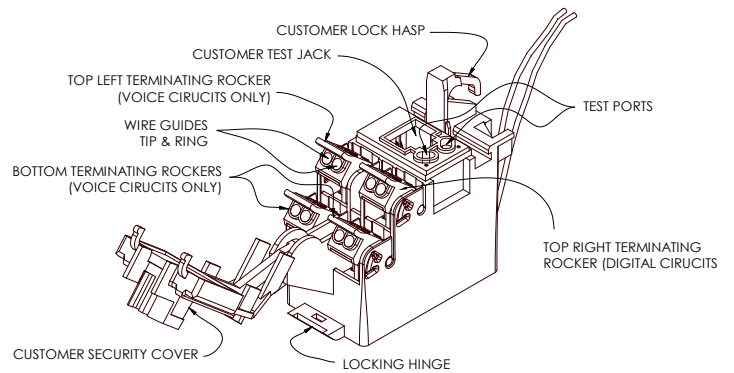


Figure 4

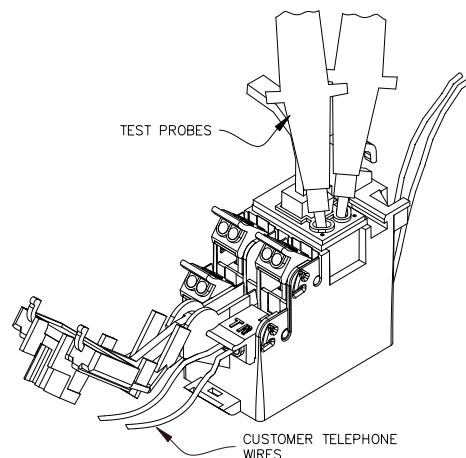


Figure 5