# Technical Bulletin
# No: 601 – Holding the Line

**Model:** TI-101 **No:** 601

**Subject:** Holding the CO Line **Date:** 3/11/94

**Symptom:** The Central Office drops the line when the phone connected to the TI-101 is hung-up.

**Solution:** Create a path for the Central Office "Battery" current.

**Procedure:**

1. The TI-101 connects to the line with transformer T1 wired in series with capacitor C6. The capacitor blocks DC from the transformer primary. If you remove C6, replacing it with a jumper, a hybrid will hold the line when you hang up the phone. Making this modification requires installation of a switch to disconnect the TI-101 otherwise your line will be permanently on "hold".
2. If you do now wish to modify your TI-101 internally, a path for "battery" current can be created by adding a holding coil (Radio Systems P/N 10170) across the phone line. As in Procedure #1, a switch must be used to disconnect the holding coil or the line will be on hold permanently.

601 Heron Drive
Logan Township, NJ 08085
Phone: 856-467-8000 • Fax: 856-467-3044
http://www.radiosystems.com