

SOUNDTRAXX

Application Note

SoundTraxx CurrentKeeper™ Tsunami® TSU-AT1000 Installation Notes

Overview

This application note describes how to install a CurrentKeeper onto a Tsunami TSU-AT1000 Digital Sound Decoder™.

Bill of Materials

P.N.	Description
810140	TSU-AT1000 Digital Sound Decoder CurrentKeeper

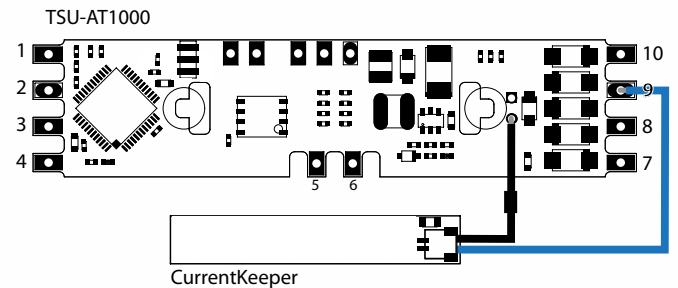
Tools You Will Need

- 25W Soldering Iron
- Rosin Core Solder
- Wire Strippers
- Wire Cutters

Installation

1. Using wire cutters, remove the factory-installed capacitor from the Tsunami TSU-AT1000 Digital Sound Decoder by clipping the red and black wires, leaving about 3" of the black capacitor wire still attached to the decoder. The red capacitor wire may be removed and discarded.
2. Prepare the CurrentKeeper for installation: Using wire cutters, trim the blue and black wires to about 3".

Wiring Diagram



3. Strip and tin the ends of the wires on the CurrentKeeper, as well as the Tsunami's black wire from the capacitor removed in Step 1.
4. Slide a piece of the black heat-shrink tubing (included) over the black Tsunami capacitor wire. Solder the black Tsunami wire to the black CurrentKeeper wire. Slide the piece of heat-shrink tubing over the connection and heat to insulate.
5. Solder the blue CurrentKeeper wire to tab 9 (Function Common).
6. Secure in place with Kapton® tape (or equivalent) if desired.

Note: Once placed on the track, it will take about 2 minutes for the CurrentKeeper to be fully charged.