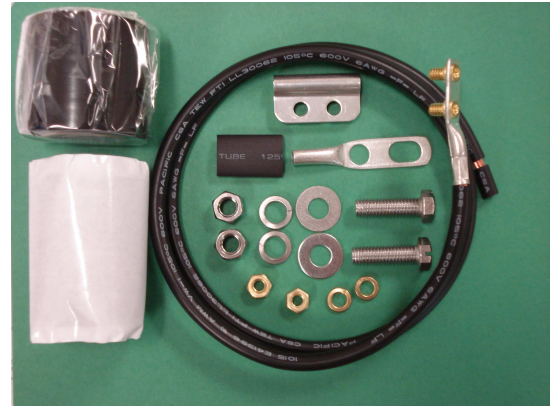
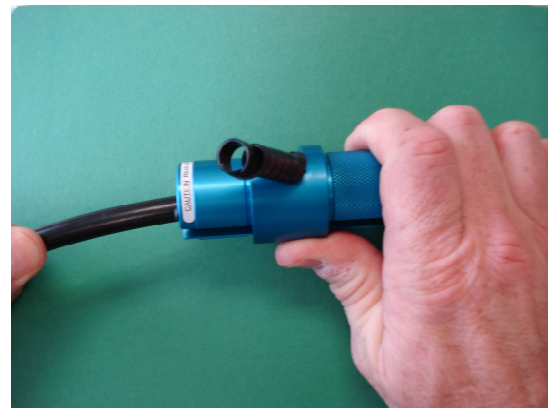


## **GK-S400TT (Standard Ground Kit, Tinned Version for LMR-400)**

- 1) Verify that all parts are present.
  - (1) Pre-formed tinned copper ground strap
  - (1) ground lead assembly
  - (2) 1/4" brass lock washers
  - (2) 1/4" brass nuts
  - (1) Roll 2-1/2" x 24" (610mm) butyl mastic
  - (1) Roll 3/4" x 20' (6.1m) PVC tape
  - (1) heat shrink tube
  - (1) Field-crimp 3/8" 2-hole lug
  - (2) 3/8" x 1-1/4" slotted bolts
  - (2) 3/8" lock washers
  - (2) 3/8" nuts
  - (2) 3/8" flat washer



- 2) Remove approximately 2" of outer jacket at the point of grounding, using a GST-400A mid-span strip tool. Lock the tool onto the cable by rotating the knurled area in relation to the center cutting block. Spin the tool around the cable in the direction of the cutting blade to remove outer jacket.



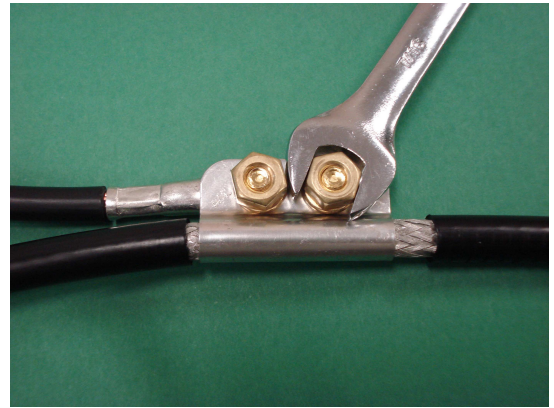
- 3) Locate the grounding clip. **Make sure that it is detached from the grounding cable and has not been deformed.** Open the clip slightly and snap it onto the cable.



- 4) Open the clip slightly and snap it onto the cable.



5) Attach the grounding cable to the grounding clip using the 1/4" brass nuts and lock washers. Tighten the nuts using a 7/16" open end wrench.



6) Cut four 2" pieces of butyl rubber mastic. Wrap a piece both above and below the ground clip as shown in the picture. Fold one of the 2" pieces of butyl rubber in half and place over the riveted ground lug and brass hardware to act as a filler. Wrap the final 2" piece of butyl rubber around the cable as shown.



9) Apply one layer of butyl rubber mastic, overlapping the coax jacket by at least 1" on each end of the exposed outer conductor. Overlap each wind by one half of the width of the mastic. Cut any remaining mastic and dispose of it properly.



10) Apply three overlapping layers of PVC electrical tape, extending 1" beyond the previous layer with each wrap. Note: The wraps must begin on the lower end of the cable to give each wrap a shingle effect.

