

## Calibration Integrity Seal Installation Procedure

### Purpose:

The purpose of this supplement is to provide a procedure for ensuring the calibrated volume integrity of the Compact Prover. The optical assembly as shown in figures 1a and 1b have a simple but sure way of ensuring the integrity of the assembly.

A security seal can be applied to prevent removal of the cover of the optical assembly which contains the solid state volume detectors.

The purpose of this seal is to prevent removal of this cover which would expose the switches to possible tampering which could affect the calibrated volume of the compact prover.

The following steps will demonstrate the process of installing this lead seal.

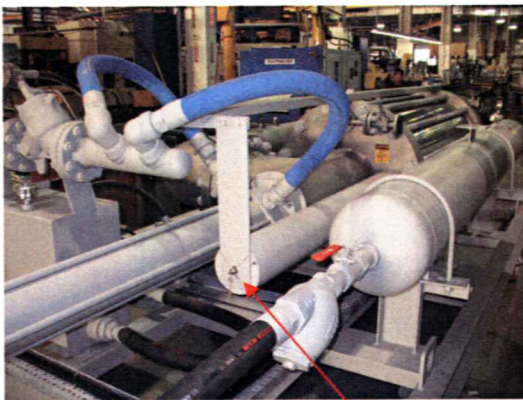


Figure 1a

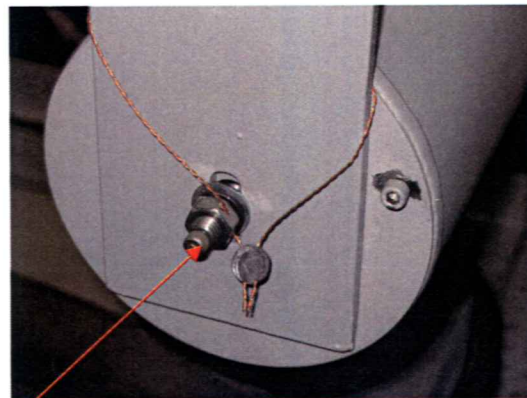
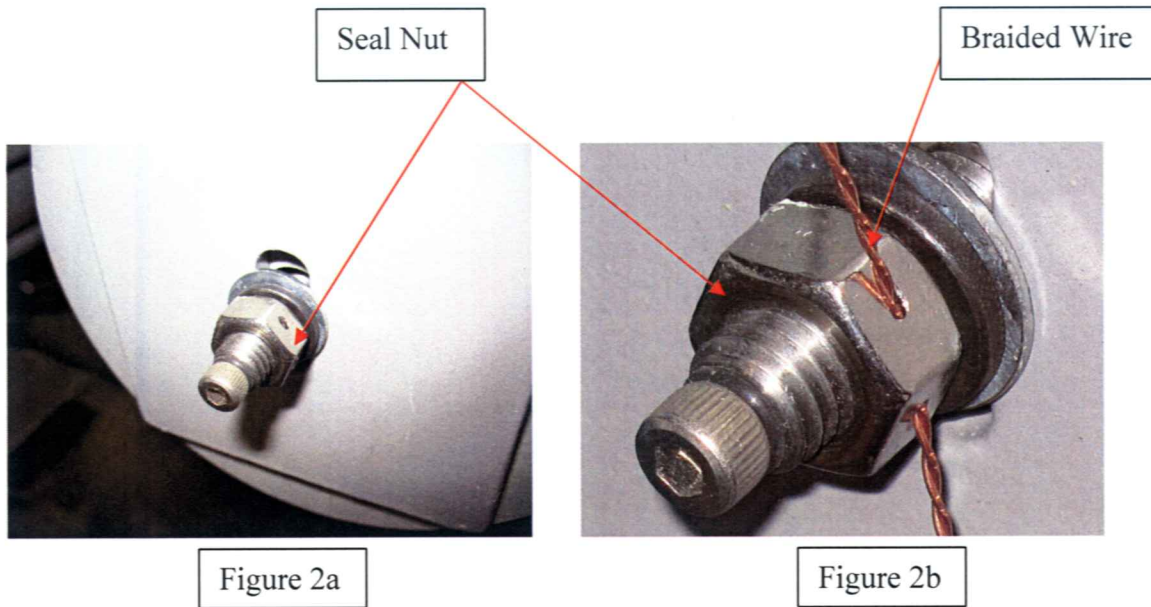


Figure 1b

Location of optical assembly with seal nut and lead seal.



**Step 1** Once the seal nut is securely tightened in place (see figure 2a); insert the braided wire through the hole in the nut as shown in figure 2b.

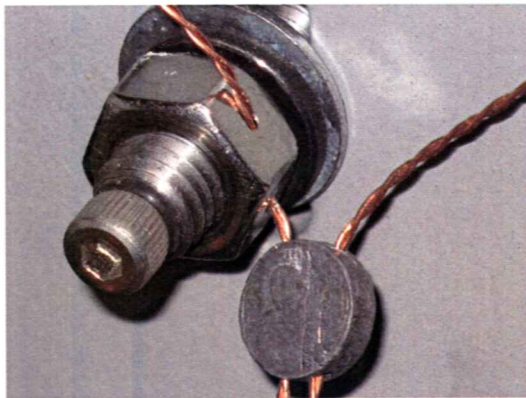


Figure 3a

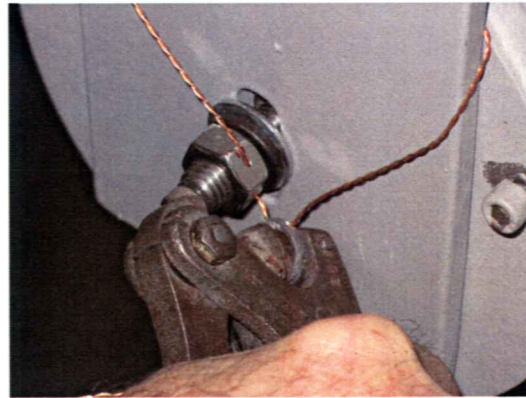


Figure 3b

**Step 2** Wrap the braided wire around the support plate (see figure 1b).

**Step 3** Insert the two ends of the braided wire through the lead seal and slide the seal up the wire until the slack has been pulled out of the wire (see figure 3a).

**Step 4** Secure the seal using a clamping set of pliers thus closing the holes in the lead seal around the braided wire.

The final result should appear similar to figure 1b.