



## Survival Laser SS2LHA Stainless Steel Laser Host Assembly Instruction Addendum



1. Remove the stainless steel laser host assembly from its shipping box and **completely disassemble the host into the five major components shown**. L-R: Bezel/retaining ring, extended and tapered copper heat sink with set screw, heat sink holder, battery compartment, tailcap w/switch & wrist strap.



2. **CAUTION:** Remove any static charge on your body by touching a grounded metal object. Thread the separately packaged diode & driver module into the battery compartment until fully seated. **Be careful not to twist or bend the driver leads excessively.** **Note:** If called for in your parts bundle instructions, apply the thermal compound to the "pill" surface at this time.



3. Carefully slide the heat sink holder over the diode & driver assembly and thread it onto the battery compartment until fully seated. **Be careful not to twist or bend the driver leads excessively.** There will be some resistance to threading as the battery compartment o-ring is engaged into the heat sink holder during the last two threads.



4. Slide the larger diameter end of the heat sink over the exposed diode module on the diode & driver module assembly until fully seated in the heat sink holder and the diode module protrudes beyond the end of the heat sink as shown. **Note:** If called for in your parts bundle instructions, apply the thermal compound to the outer surface of the diode module at this time.



5. Push the diode module into the heat sink until the open end of the module is flush with the end of the heat sink, then tighten the set screw **securely** against the module with the supplied Allen wrench. **Note: If the set screw is not tightened sufficiently, the module could rotate while focusing the lens and break the driver wires or pull them off the diode.** Wipe off any excess thermal compound, if used.



6. **Note:** You may find it easier to install the bezel by removing the o-ring first. Place the bezel/retaining ring over the exposed end of the heat sink. Hold the heat sink down with your finger, and thread the retaining ring onto the heat sink holder until fully seated. **CAUTION: Do not touch the diode inside the module with your fingers, and do not let the heat sink rotate as you tighten the bezel/retaining ring. If the heat sink rotates during tightening it could break the wires or pull them off the diode.**

Finish the remainder of the laser assembly according to the instructions that accompanied your particular parts bundle.

**Note:** The weight of the finished laser using the stainless steel host is 240 grams with batteries, 202 grams without batteries.

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