



Carmanah 502 Solar Light Mounting Addendum
64584RevA

The Carmanah 502 solar light must be mounted correctly to ensure continuous reliable operation. Figure 1 shows a typical arrangement of one set of mounting fastener, washers and nut.

Torque each fastener to a **maximum 40 – 45 lbf.in.** **Do NOT overtorque.** Overtorquing of the fastener may cause cracking, polymer delamination or permanent damage to the 502 and will void the warranty.

Note the presence of a washer **underneath** the 502 that provides an air gap. The air gap is required because the base of the 502 has a vent that allows offgassing of any residual hydrogen gas that may be created during the battery charging process.

The vent position is shown in Figure 2. Carmanah’s 502 standard fastener set (part # 38334) contains sufficient fasteners, washers and nuts for the mounting arrangement shown in Figure 1.



Figure 1. Mounting Hardware Arrangement

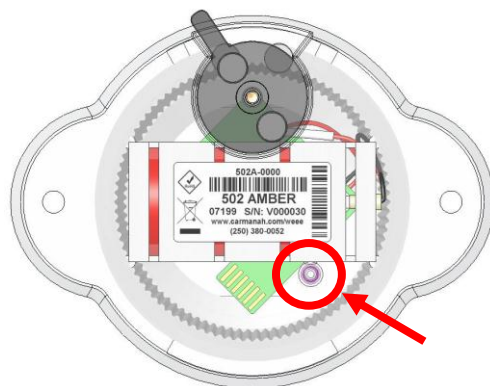


Figure 2. Location of Vent (Switched Model 502 Shown)