

SpeedNet Repeater Battery Replacement

- STEP 1.** Use a 1/16-inch hex-driver to remove the bolts that secure the top of the enclosure. See Figure 1.
- STEP 2.** Pry open the cover with a medium blade screwdriver. Be careful not to damage the gasket. The cover may be connected to the enclosure with a ground wire. It is not necessary to remove it. Support the cover to avoid damaging the ground wire.
- STEP 3.** Disconnect the battery cable connector and remove the cable tie.
- STEP 4.** Loosen the two battery bracket screws with a #2 Phillips screwdriver and remove the old battery. See Figure 2.
- STEP 5.** Install the new battery and tighten the battery bracket screws.
- STEP 6.** Connect the battery cable connector and replace the cable tie, removed in Step 3.
- STEP 7.** If there is no ground wire, install the ground wire supplied with the gasket kit. See Figure 3.
- STEP 8.** Lay the new gasket (Catalog Number 569-000031-00) on the enclosure and match the bolt holes. The gasket is symmetrical. See Figure 4.
- STEP 9.** The cover can be installed in either direction. Install the cover with the hinge lugs on the cover away from the latch lug on the enclosure.
- STEP 10.** Use a screwdriver to realign the gasket holes inside the bolt holes.
- STEP 11.** Install the 10 cover bolts. Insert bolt in the lock washer, the flat washer, and the cover hole. Then put the nut on the bolt.
- STEP 12.** Follow the sequence in Figure 1 around the cover to compress the gasket uniformly, and tighten to 25 ±5 inch-pounds.
- STEP 13.** Repeat the sequence and tighten to 45 ±5 inch-pounds.

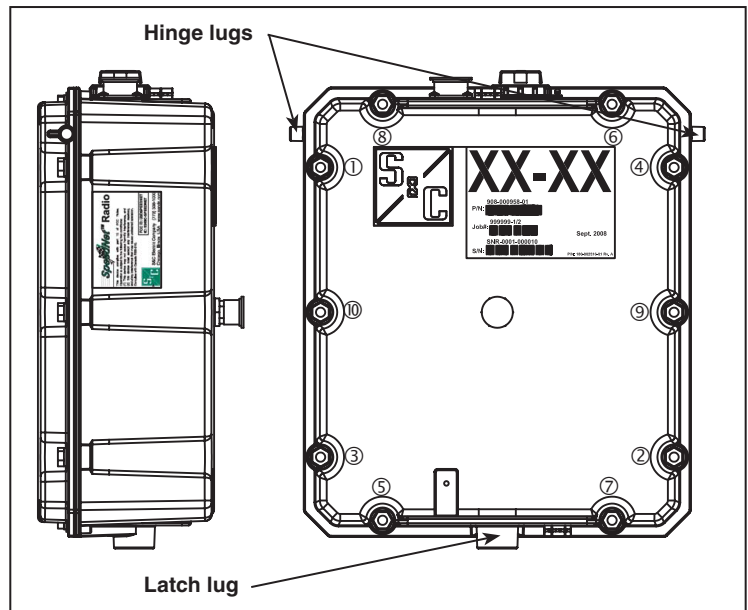


Figure 1. Cover bolts and torque pattern.

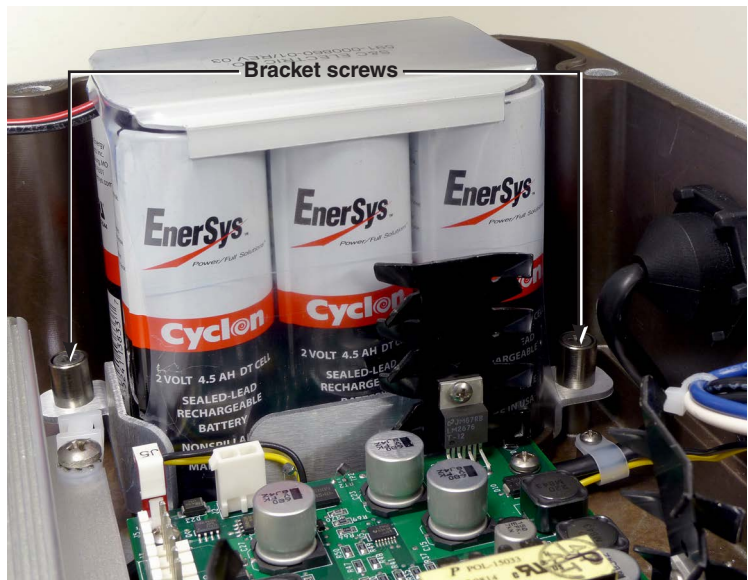


Figure 2. Battery bracket screws.



Figure 3. Cover connected to enclosure with the ground wire.



Figure 4. Match gasket holes with bolt holes.

