

How to Put Together the Trimble GPS Backpack Unit



Loading the equipment into the backpack:

1. Open the backpack and place the receiver in the center space of the backpack with the connectors facing up

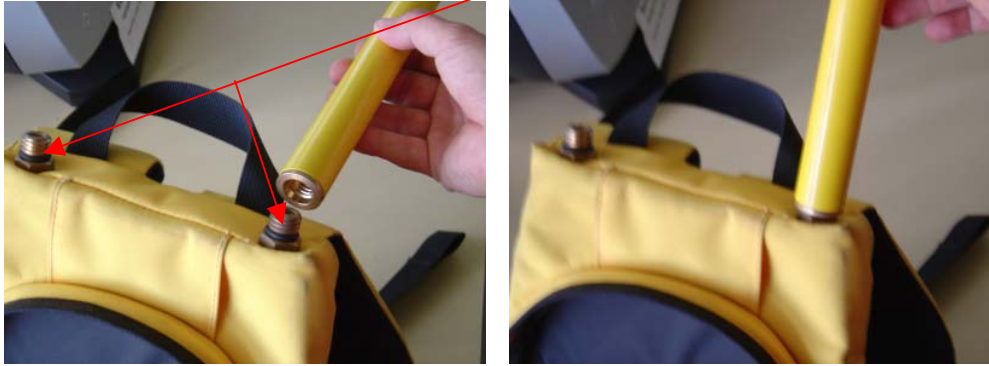


2. Strap in the receiver with the two receiver straps and tighten them
3. Place 2 (or, if needed, 4) fully charged batteries in the backpack: one battery in each of the battery pockets. Place the batteries with the connector clips toward the front
4. Connect the battery cable to the two batteries in the two left battery pockets. The other two batteries act as spares if required. Place excess cable in the sleeve pocket



5. Connect the data cable (numbered 30231-00) to PORT-B (middle connector) of the receiver

6. Screw the antenna pole/poles onto one of the antenna mounts. The poles need to be high enough for the antenna to be above your head



7. Install the antenna on top of the poles



8. Connect the antenna connector to the antenna on top of the pole and wrap the cable relatively tightly around the pole to avoid catching by accident



9. Connect the other end of the antenna cable to the antenna connector on the receiver and place excess cable in the sleeve pocket

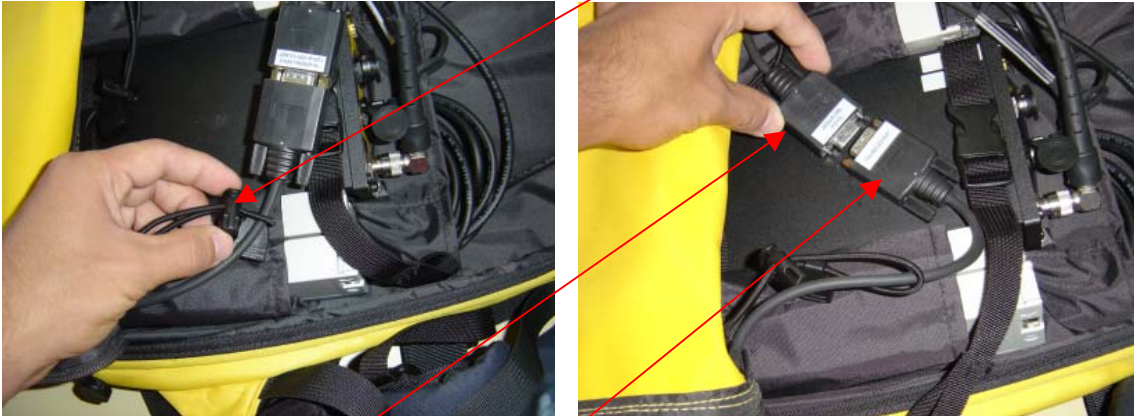


10. From the outside of the backpack, insert the DB9 connector of the data collector cable (labeled "TO RECEIVER") through the data cable outlet



11. Put the data collector cable through the cable retainer loop/loops located on the side stabilizer strap/buckle

12. Pull the cable through the data cable strain relief retainer, located inside the backpack, and pull the retainer tight



13. Connect the DB9 connector on the data cable from the receiver (30231-00) to the DB9 connector on the data collector cable

14. Close backpack so that the zipper pull tab is on the bottom left side

15. Connect the data collector cable (labeled "TO COMPUTER") to the data collector



Wearing the backpack:

1. Load the backpack with the GPS equipment
2. Loosen the hipbelt, the stabilizer straps and the shoulder straps
3. Position the hipbelt so that the top of the belt is at the same height as the top of your hipbone
4. Tighten the hipbelt until it is firmly around your hip
5. Tighten the shoulder pads until they are firm but not cutting under your arm. Do this by pulling down the shoulder pad adjustment straps
6. The harness is designed to follow your movements rather than fight against them. You may need to reduce this action when balance is critical, e.g. when climbing rocky areas. You can do this by tightening the side stabilizer straps
7. The chest strap helps to keep your backpack in place on your body and is also used to fine-tune the shoulder straps to the most comfortable position. Adjust the height of your chest strap to be just below your collarbones

