



Installation Guidelines for Securing Wishbone Benches and Picnic Tables to Concrete Pads (EPOXY OPTION)

1. Put the product in position on the concrete pad.



Required Tools and Materials

- ✓ Concrete hammer drill
- ✓ Concrete drill bit as spec'd
- ✓ Hammer
- ✓ Felt marker
- ✓ Epoxy
- ✓ Carriage bolts as spec'd
- ✓ Paint pen

It is best to have 2 people to install a bench or table.

2. Mark the holes with a felt pen.



3. Remove the bench/table.

4. Drill 1/2" to 5/8" holes with concrete drill to a maximum depth of 4" deep.
Try to avoid drilling through the concrete as you will use up lots of glue filling the hole.



5. Put a 3 1/2" long, 3/8" diameter galvanized or stainless carriage bolt with washer through all the leg mounts. (Cascades Park series benches and picnic tables require a minimum of 8" bolts.)



6. Put epoxy into the 4 holes. Both HILTI® and SIMPSON® Strong-Tie make an excellent product.



HILTI® HIT HY150. Note that with this brand you do need special gun to dispense the glue.

7. Put the product in place with the 4 carriage bolts setting into the epoxy.



8. Put some weight on the anchors and allow them to set in the epoxy. This only takes a few minutes.



9. Using a paint pen, paint the tops of the fasteners to match the color of the product. If you are using galvanized fasteners this will help to reduce potential rusting over time.