



Call toll-free at 1-888-551-5221 with any questions

## **DECK MOUNT PLATE - INSTALLATION**

### **HARDWARE AND TOOLS REQUIRED:**

⇒ on wooden sundecks

- Drill with 1/4" drill bit
- 2 galvanized lag screws 3/8" x 4", 2 galvanized lag screws 3/8" x 2 1/2", 4 galvanized washers 3/8"
- Ratchet with 1/2" socket

### **INSTALLATION PROCEDURE:**

- Place plate on the deck with 2 of the mounting holes centered over a deck joist. Mark all 4 holes and pre-drill with the 1/4" bit. (See enclosed drawing for details)
- Use the 4" lag screws to fasten the plate through the decking into the joist. It may be helpful to lubricate the screws before inserting them.
- Use the 2 1/2" lag screws to fasten the plate to the 2x4 or 2x6 running perpendicular to the joist. On decks accessible from underneath, it is preferable to use 3/8" x 3" hex bolts with a nut and large washer below the deck.
- **IMPORTANT:** Tighten the screws well, but to not use excessive force. On new (green) sundecks, occasional re-tightening may be required due to shrinkage of the lumber.

### **HARDWARE AND TOOLS REQUIRED:**

⇒ on concrete patios

- Hammer drill (e.g. Hilti) with 1/2" concrete bit
- 4 concrete spread anchors, 4 3/8" x 2" mounting bolts with washers. Consult with your building supply specialist for proper combination of anchors and bolts to achieve a minimum pullout strength of 200 lbs. per anchor.
- Ratchet with 1/2" socket

### **INSTALLATION PROCEDURE:**

- Place plate on the concrete making sure it is not tipping or riding on a high spot. Check plate with a level, shim if necessary.
- Mark fastening holes, drill to proper depth.
- Fasten plate with bolts into anchors

# Deckmount Plate - correct placement

