GENERAL GUIDELINES AND TOOLS

Before installing any railing make sure the surface that the railing is being mounting onto is adequate to the support the railing and any load code requirements that are required.

Make sure that you have the right hardware for the surface that you are mounting the railing onto. For example, wood or concrete.

DO NOT USE ELECTRICAL POWERED TOOLS NEAR WATER.

Review the layout of the railing for the area the railing is to be installed. Make sure that you have all the tools and mounting hardware before you start.

A key to any successful installation is having the proper equipment and tools for the type of installation surface you are mounting to. Below is a list of tools and equipment that are recommended for a proper installation of your railing.

CORE DRILL & GROUT DIRECTLY INTO DECK

Tools & Materials Required:

- Core drill
- 3" diameter core bit
- 7-10,000 PSI non-shrink hydraulic grout
- Mixing bucket
- Cold chisel
- Hammer
- Wooden wedges
- Bubble level
- Tape Measure, markers, string-line & adhesive tape
- Sponges, rags, water, Soft Scrub®

ANCHOR SOCKET (CORE DRILL & GROUT)

Tools & Materials Required:

- Core drill
- 3” diameter core bit
- 7-10,000 PSI non-shrink hydraulic grout
- Mixing bucket
- Cold chisel
- Hammer
- Wooden wedges
- Bubble level
- Tape measure, markers, string-line & adhesive tape
- Sponges, rags, water, Soft Scrub®
- Saftron P-JIG-L or P-JIG-RTD (optional)
- ½ “ wrench or socket

3” and 6” SURFACE MOUNTED BASE SUPPORTS

Hardware Included:

- 304” Grade Marine Stainless Steel 5/16” Lag Bolts & Washers (included)
- Alligator® anchors (Included)

Tools & Materials Required:

- Tape measure & markers
- ½” socket or wrench
- Battery powered drill
- 5/16” masonry bit (for concrete decks)
- 3/16” pilot hole bit (for wood decks)
- Soft Scrub®

EXERCISE / SAFETY GRAB BARS / TOWEL BARS

Hardware Included:

- Alligator® anchors (Included)

Tools & Materials Required:

- Tape measure & markers.
- ½” socket or wrench
- PVC glue (not just adhesive)
- Battery powered drill
- 5/16” masonry bit (for concrete decks)
- Soft Scrub®

SURFACE MOUNTED ABOVE GROUND SPA RAILS

(Models: SF-24-LT, SF-48 & 59, SS-36, SSF 48 & 59)

Hardware Included:

- ONE Slip-T fitting assembly (SSF models)
- ONE "End-cap" socket
- ONE 2" x ¼" bolt
- ONE ¼" fender washer
- ONE Staptoggle® ¼"-20 hollow wall anchor
- ONE Single-use tube of adhesive
- ONE Lift & Turn 6" floor base without set-screws
- ONE floor base rectangular insert
- THREE 5/16" x 2" lag bolts
- THREE 5/16" washers
- THREE 5/16" Alligator® anchors

Tools & Materials Required:

- Tape measure & markers
- 1/2" & 7/16" socket wrench
- Rubber mallet
- Battery powered drill
- ½" drill bit
- Soft Scrub®

SLIDE UNDER- SPA RAILS

(Models: SUB-48 & 59)

Hardware Included:

- ONE Powder-coated aluminum Slide-Under Spa Support & ONE Lift & Turn 6" floor base assembly
- EIGHT Stainless Steel pan-head wood screws

Tools & Materials Required:

- Screwdriver
- Soft Scrub®

USING SAFTRON INSTALLATION JIGS

SAFTRON Reusable Installation Jigs are an optional tool to help align anchor sockets during installation.

Notes:

- Saftron Jigs are multiple-use installation alignment tools.
- Ready to use.
- P-JIG-L Jig aligns anchor sockets for use with standard 20” on center ladders.
- P-JIG-RTD aligns anchor sockets for use with standard 8” on center Return-to-Deck rails.

Instructions:

- Insert each post of JIG all the way into an anchor socket.
- Rotate anchor sockets to desired position and tighten bolt.
- Place Jig / anchor socket assembly in grout holes.
- Re-check position, alignment and depth of anchor sockets. Bubble level(s) should be centered. If necessary, use wooden wedges to hold in place.
- Fill void around anchor socket(s) with grout.
- Once grout has fully cured, loosen anchor socket bolt, remove jig, and replace with ladder or rail.