

## MODEL SD - 5ft x 5ft RESIN POOL DECK (with In-Pool & Ground to Deck Steps)

**IMPORTANT INSTRUCTIONS:** Read all instructions carefully & completely to become familiar with parts, assembly, safety & proper use of this product. Failure to follow these instructions may result in serious personal injury. Review with all using this product

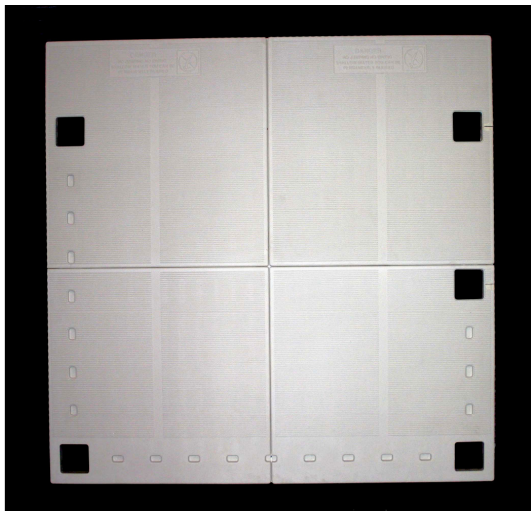
**TOOLS REQUIRED:** sockets, wrench or nut driver, measuring tape, square, phillips (star) screwdriver, drill & 1/8" & 1/4" drill bits, pencil, level & hand saw + five (5) 16" x 16" x 2" concrete blocks

### SAFETY INSTRUCTIONS & PROPER USE

- This resin pool deck & step systems has a 700 lb load capacity - four persons max - when properly installed
- Pool steps have a 300 lb load capacity - one person
- The step systems supplied are designed & intended for use with this resin pool deck - do not change or deviate with another step
- Your above ground pool has shallow water - absolutely **NO DIVING** or **NO JUMPING** from deck into pool
- This product conforms to the latest revisions of the APSP & ANSI standards for above ground pool decks & entry systems
- For entry to & exit from the pool & deck, face pool steps at all times
- Be aware - chairs or lounges with sharp or pointed legs may damage deck surface
- The ground to deck entry **MUST** be used with the gate installed & fully functional. Ensure the gate is secure & locked when the pool is not in use - **AT ALL TIMES** (Lock not included)
- Locate the ground to deck entry system on a solid base for greater stability & away from high traffic areas
- Secure both entry systems to deck for stability and safety as per instructions
- Keep handrails and treads of both step systems free from obstructions to avoid possible injury. Do not secure any items to the step systems. Such objects may create a potential for tripping, entanglement and drowning
- **NEVER ALLOW CHILDREN TO SWIM UNATTENDED** - Nothing replaces parental supervision at all times
- Assemble & install this deck & step systems as per the manufacturer's instructions. Do not deviate from these instructions - **ALWAYS SWIM SAFELY - NO DIVING & NO JUMPING** into the pool - serious injury can occur



### ASSEMBLY & INSTALLATION - IDENTIFY PARTS & COMPONENTS & HARDWARE



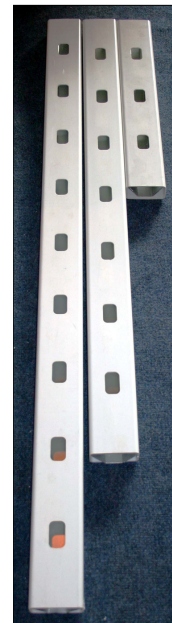
Deck Platform & Frame (pre-attached)



Handrail Connector Brackets ( 6 pc + )



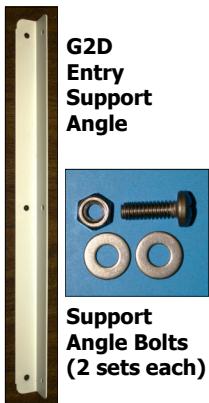
Post Braces ( 9 pc )



Handrails ( 3 Pc )



Posts (5 Long)



G2D Entry Support Angle

Support Angle Bolts (2 sets each)



Post Spacers ( 5 pc )

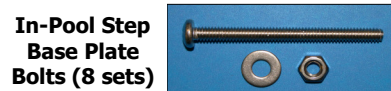
Post Caps ( 5 pc )



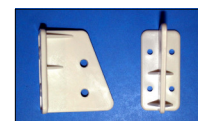
Screws - 4 different sizes



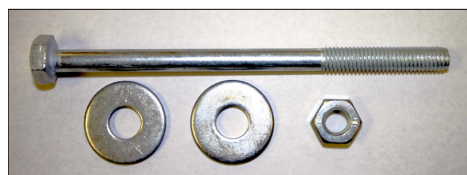
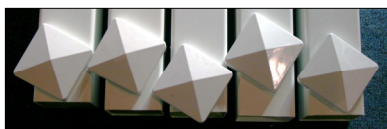
Brace Bolts & Washers (5 pcs each)



In-Pool Step Base Plate Bolts (8 sets)



G2D Handrail Connectors ( 2 pc )



Post Bolt, Washers & Nut ( 5 sets each )



In-Pool Step Base Plate (2 pcs)



Pickets ( 19 pc )

**THE MODEL SD 5x5 RESIN DECK COMES PACKAGED IN FIVE (5) CARTONS**

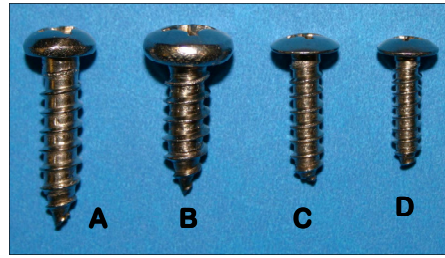
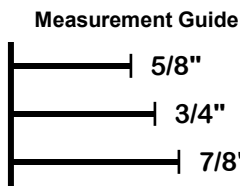
#### IMPORTANT NOTE

These instructions are specific to this model of deck. Instructions included with steps may differ slightly for other applications. Please follow these deck instructions closely & do not deviate from them.

Make certain to familiarize yourself with all parts before starting assembly of your deck. If you notice any parts damaged or missing, please contact our customer service for assistance: 877-VINYL WK

### Step 1 - Organize & Get Ready for Assembly

Your pool deck is packaged in five cartons total. Familiarize yourself with components (see parts layout on page 1). Open the hardware kit & group the similar fasteners together (see 1.1 & 1.2 for screw identification & usage). NOTE: the hardware for steps are packed within box 2, 4 & 5



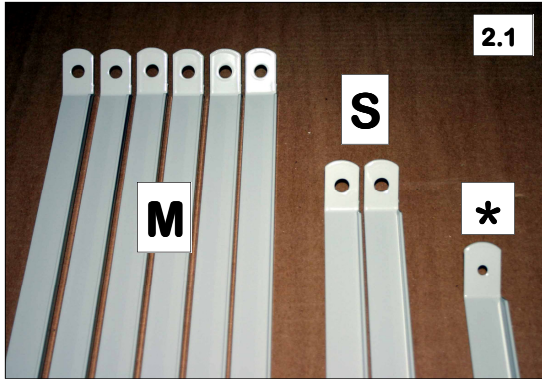
1.1

E

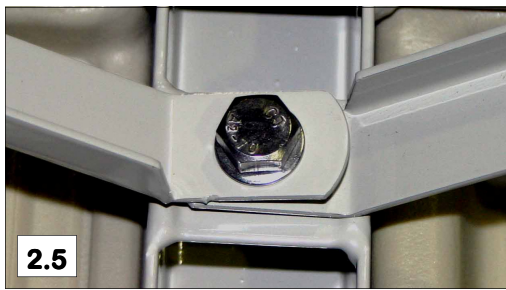
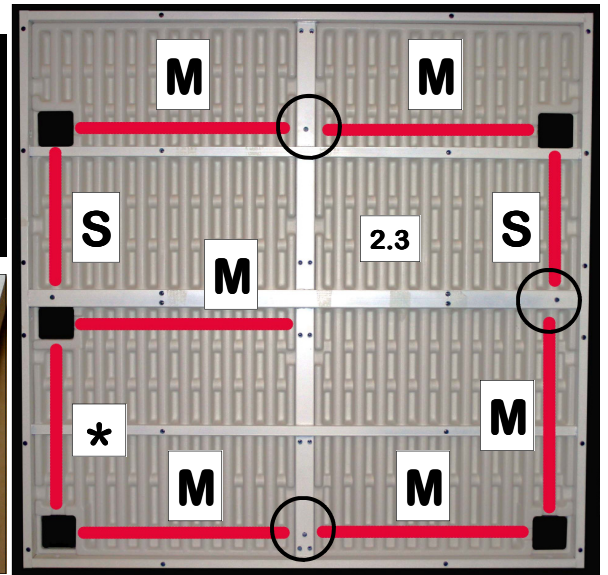
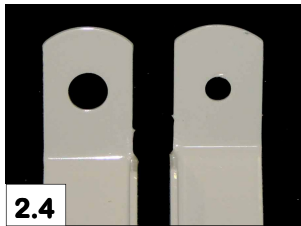


- A - #14 x 7/8" (10 pcs) for securing braces to support posts (see Step 4 & 5)
- B - #14 x 3/4" (3 pcs) for securing the G2D top platform to entry support angle (see 2006G2D - Box 4 of 5)
- C - #8 x 3/4" (32 pcs) for securing handrail connectors to support posts (see Step 7) & G2D handrail connector
- D - #6 x 5/8" (6 pcs) for securing handrails to handrail connectors (see Step 7)
- E - 1/4 x 3/4" (2 sets) for securing entry support angle to steel frame of deck platform (see Step 8)

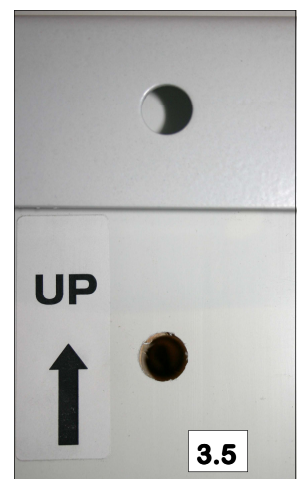
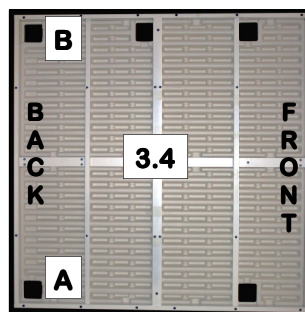
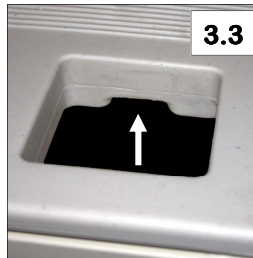
### Step 2 - Attach Brace Supports



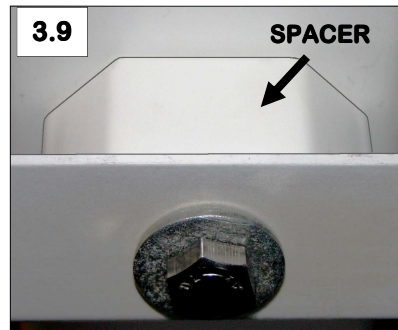
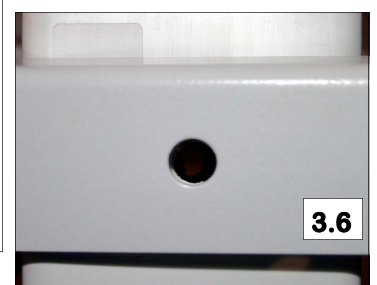
Identify & sort braces by length. There are six medium (M), two short (S) and one special (\*) braces (see 2.1). Separate five 3/8" x 3/4" long bolts & 3/8" small washers from hardware kit (see 2.2). Lay deck platform face down & position braces (see 2.3). Two braces are secured to one bolt position and identified by the circles (see 2.3 & 2.5). Fit bolt (+ washer) through the large hole in end of the braces and into threaded plate on steel frame (see 2.4 & 2.5 & 2.6) Tighten hardware to snug only. DO NOT ATTACH THE SPECIAL BRACES UNTIL STEP 9.



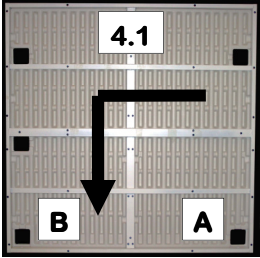
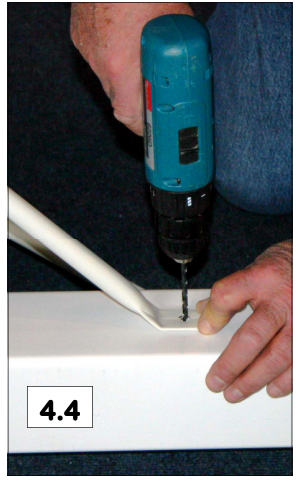
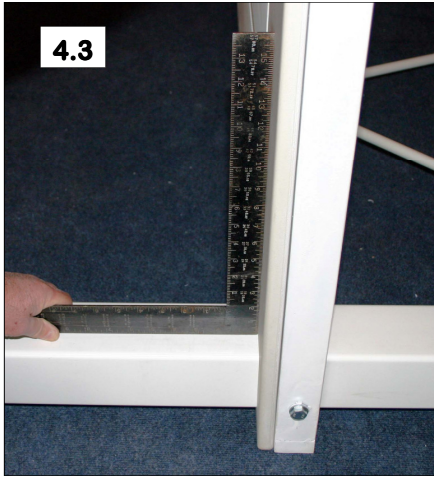
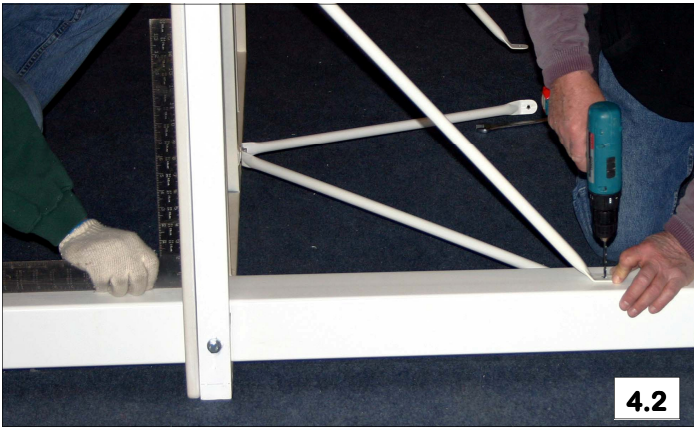
### Step 3 - Position & Attach Long Support Posts



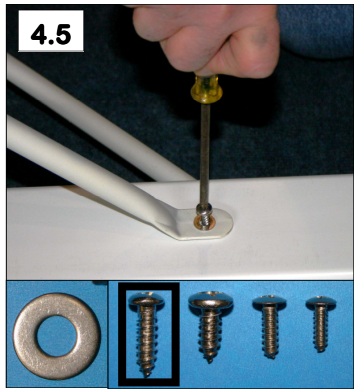
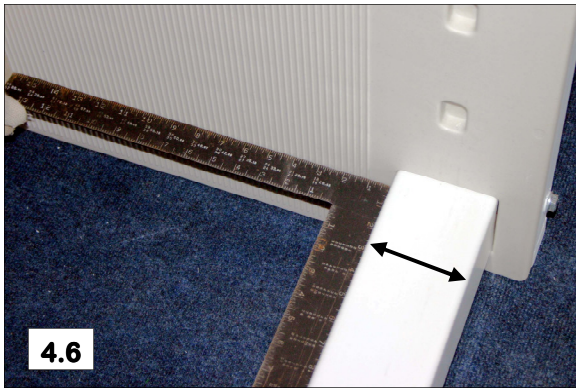
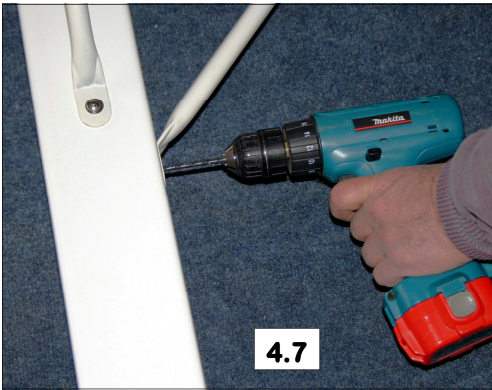
Select all five 96" long support posts (see 3.1). Note each post is marked with direction arrow (see 3.2). Stand deck platform with braces on it's edge so the back legs are towards the left (see 3.4). From bottom to top of platform, fit a support post through the post hole in platform (see 3.3 above). Start with the post towards the bottom (see 3.4 - post hole "A"). Make certain the direction arrow and hole in the post is facing the bolt hole in the platform frame (see 3.5). Position the post so the hole in the post is centered with the bolt hole in the frame (see 3.6). Using a post spacer (see 3.7) & a 3/8" x 5-3/4" bolt and washer (see 3.8), position spacer between post & frame & pass bolt through holes in frame, spacer & post (see 3.9). Secure only finger tight using washer & nut so post can move slightly (see 3.10). With deck still standing on edge, repeat above procedure for support post located at position "B" in 3.4 above.



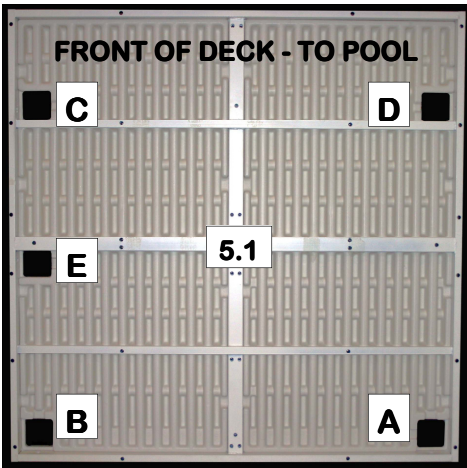
**Step 4 - Secure Braces to Posts**



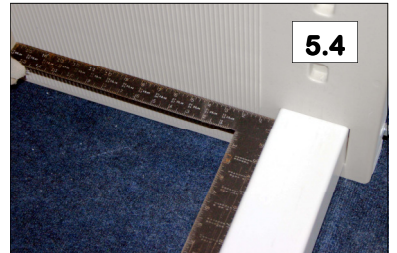
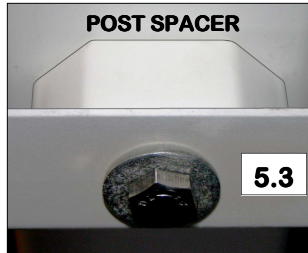
With deck still on edge, gently rotate deck 90 degrees to the left, counter-clockwise (see 4.1). This way, first two posts will be towards ground and easy to work with. Starting with post in position B (see 4.1 & Step 3 previously) use a square to be sure the post is plumb (square) to the deck platform (4.2 & 4.3). Holding post in place, drill a 1/8" pilot hole in center of post, through eye of brace (see 4.2 & 4.4). Secure using a #14 x 7/8" screw and 1/4 washer (see 4.5). Similarly, for the second brace, use square to make sure post is plumb in opposite direction (see 4.6) & drill pilot hole through eye of brace (see 4.7). Secure using a screw & washer as in 4.5. Repeat procedure for support post in position A (see 4.1 & Step 3 previously). Make certain all screws are tight into posts. Once braces securely in place, tighten post bolts (3/8" x 5-3/4" - from Step 3 - 3.9 & 3.10)



**Step 5 - Position & Attach Remaining Posts & Braces**

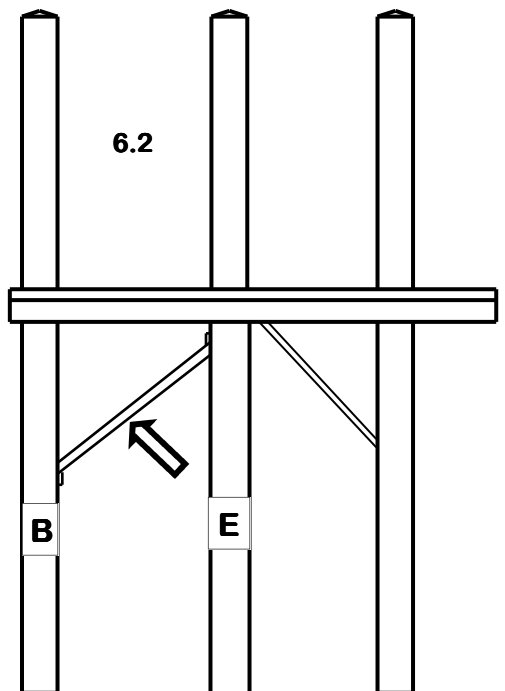
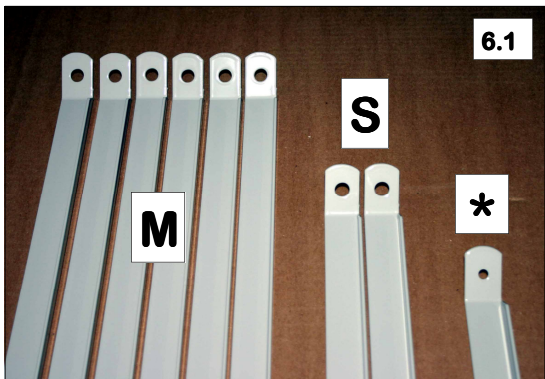


As outlined in Steps 3 & 4 previously, position, attach & secure remaining long support posts & braces to deck platform (see 5.1 for position C, D & E). Remember, make certain the direction arrow & hole on the posts are facing bolt hole in the deck (5.2) & be sure to use post spacer (5.3). Before attaching braces, make certain posts are plumb (square) to deck platform (see 5.4). When complete & in place, secure & tighten all hardware (brace screws & post bolts). Stand the deck on it's support posts, in the upright position.



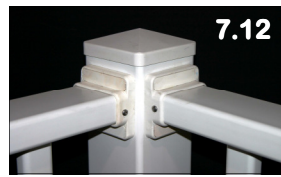
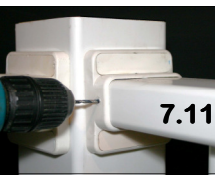
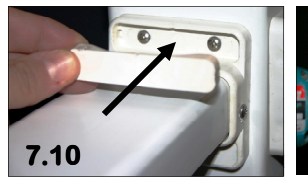
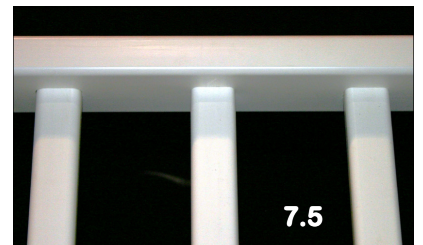
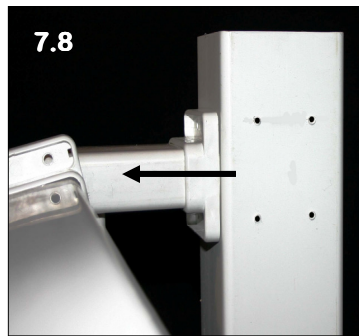
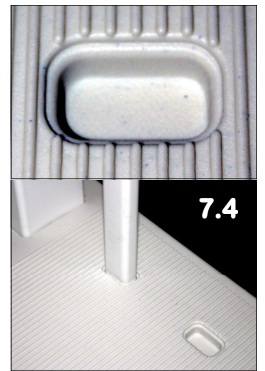
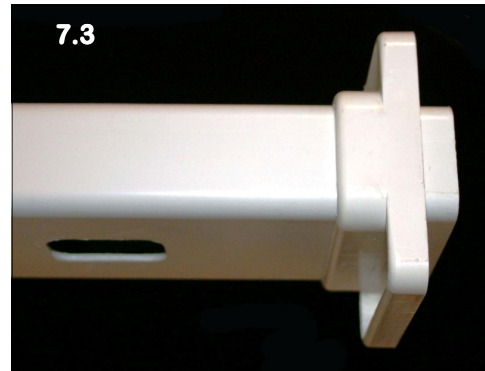
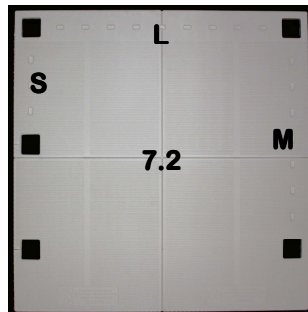
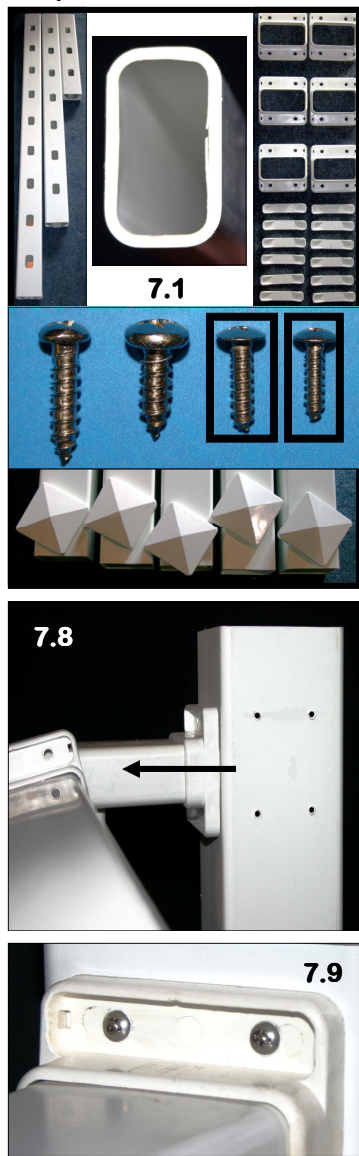
**Step 6 - Attach Remaining Special Post Brace**

Select remaining special post brace (6.1). Position brace between posts B and E and shown in 6.2. Similar to Steps 4 and 5 above, secure both ends of brace to support posts using #14 a 7/8" screws and washers provided (6.3). Make certain to square posts to deck frame (5.4 above) so they are plumb.



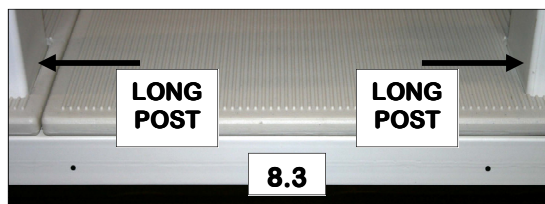
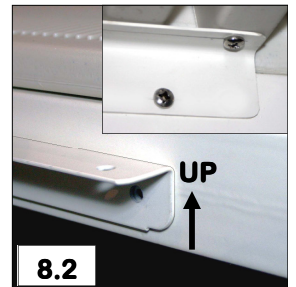
## Step 7 - Attach Handrails

Gather parts for handrails (see 7.1 - handrails, pickets, connectors & covers, screws & post caps). There are three different lengths of handrails - small (S), medium (M) and large (L). Note positioning of the three handrails (see 7.2). Fit a handrail connector on both ends of all three handrails (see 7.3). Make certain large, flat surface of connector is towards end of rail. Insert pickets, section by section (S-M-L), into molded pockets of deck surface (see 7.4). Fit tops of pickets into precut holes in appropriate handrails (see 7.2 & 7.5 & 7.6). Slide connectors to ends of rails, towards posts. Center connectors against posts and with pencil, mark holes in connectors on the posts (see 7.7). Once all connectors marked, push rail & connector out of the way and drill a pilot hole using a 1/8" bit at all pencil marks (see 7.8). Secure all connectors in place using the #8 x 3/4" screws provided (see 7.9 & 1.2). Snap screw cover caps in place (see 7.10). To keep handrails from moving, drill a 1/8" hole through side of connector & handrail (see 7.11). Secure using #6 x 5/8" screws provided (see 7.1 & 1.2 & 7.12). Fit post caps and your railing is complete (see 7.12 & 7.13)



## Step 8 - Attach Entry Support Angle

Select two 1/4 x 3/4" bolts & #14 x 3/4 screws (see 8.1). Position the G2D entry support angle in place & align the two holes (see 8.2 & 8.3 & 8.4). Secure angle to deck frame using bolts, washers both sides & nuts. **TIGHTEN**. The angle will be used for the G2D assembly & installation (see 8.5 + accompanying instruction page for G2D entry)



## Step 9 - Position Deck Against Pool

### Step 9 - Position Deck Against Pool

Position deck against pool at desired location. The front of the deck is designed to cantilever the top rail of the pool sufficient only to prevent stepping on top rail & to eliminate gap between deck & top rail (see 9.1.1 & 9.3). The front edge of the deck should not protrude past the inside face of the top rail. It is **IMPORTANT** to leave a 1" to 1 1/2" gap between the top rail of the pool & the underside of the deck so the pool is not bearing the weight of the deck. Also, it allows space to install the winter cover. The five support posts should sit on 16" square x 2" thick concrete blocks (see 9.1.2). These concrete footings must be leveled and set at the proper elevation (see 9.1.3) to maintain proper clearance between deck & pool. Set elevation of blocks rather than cutting posts. Once complete, make certain deck is level, stable & does not rock. Continue with assembly & installation of steps (see 9.2). **ABSOLUTELY NO DIVING or JUMPING from deck into pool**

