

MODEL FD - 5ft x 13.5 ft RESIN POOL DECK (with In-Pool & Ground to Deck Steps)

IMPORTANT INSTRUCTIONS: Read all instructions carefully & completely to become familiar with parts, assembly, safety and 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 + eight (8) 16" x 2" concrete blocks

SAFETY INSTRUCTIONS & PROPER USE

- This resin pool deck & step systems has a 3000 lb load capacity - five persons max - when properly installed (40 lbs / square foot)
- 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 pool step
- Your above ground pool has shallow water - absolutely **NO DIVING or JUMPING** from deck into pool - serious personal injury can occur
- 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 such as ropes, thermometers, etc 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 personal injury can occur



ASSEMBLY & INSTALLATION - IDENTIFY PARTS & COMPONENTS & HARDWARE



Deck Platforms
(3 pcs)

Posts
(7 Long + 1 Short)



Deck Fill Caps (8 pc)
(not required for all decks)

G2D Entry Support Angle



Pickets
(36 pc)



Post Caps (7 pc)



Post Spacer
(7 pc)

Post Braces
(16 pc)



Wedge Post Support Bracket



Angle Bolts



Deck Bolt, Washers & Nut
(8 sets each)



Post Bolt + Washers & Nut (8 sets)



Screws
(4 different sizes)



In-Pool Step Base Plate Bolts
(8 set)



Handrails (5 Pc - 2 L + 1 M + 1 S + 1 Angled)



Brace Bolts & Washers
(12 pc each)



Handrail Connector Straight (8 pc +)



G2D Connectors
(2 pc)



Handrail Connector Angled (2 pc +)

THE MODEL FD 5x13.5 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.

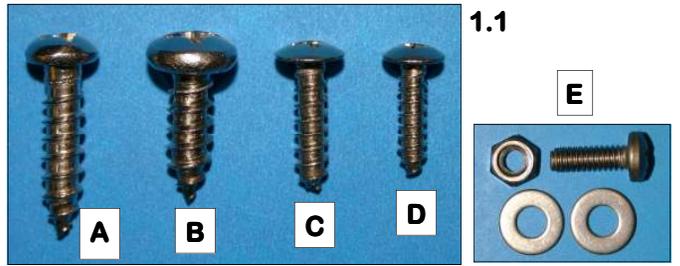
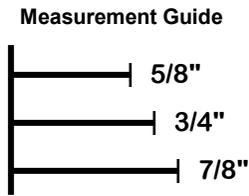


In-Pool Step Base Plate
(2 pc)

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

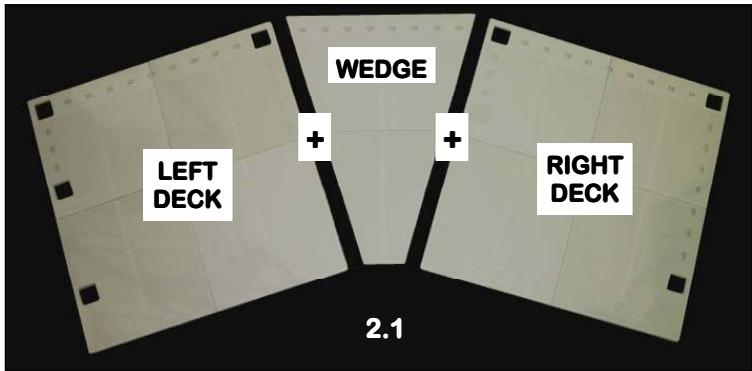
Step 1 - Organize & Get Ready for Assembly

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 identification & usage of all). **NOTE:** steps and gate (bxs 2, 4 & 5) include hardware also

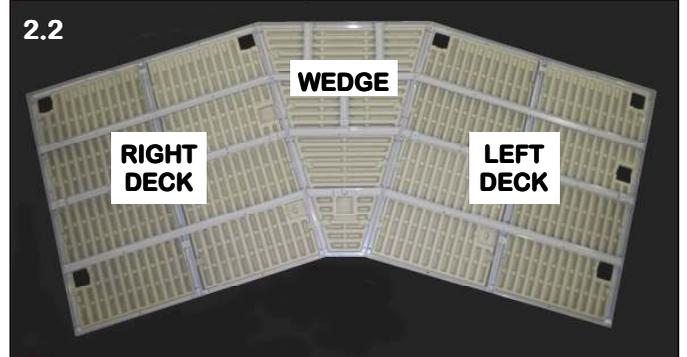


- A - #14 x 7/8" (17 pcs) for securing braces to support posts (see Step 5, 6, 10 & 13)
- B - #14 x 3/4" (3 pcs) for securing the G2D top platform to entry support angle (see FD - G2D - Box 4 of 5)
- C - #8 x 3/4" (48 pcs) for securing handrail connectors to support posts (Step 11) & G2D handrail connectors to posts
- D - #6 x 5/8" (10 pcs) for securing handrails to handrail connectors (see Step 11)
- E - 1/4 x 7/8" (4 sets) for securing G2D handrail connectors to handrails (see G2D instruction)

Step 2 - Understand Position & Fit of Deck Platforms

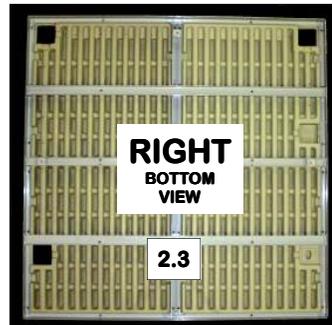


TOP VIEW

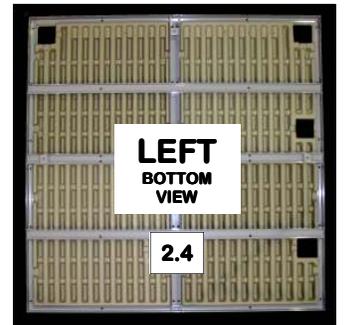


BOTTOM VIEW

Identify the three different deck platforms (left, right & wedge - see 2.1). The platforms are designed & manufactured to fit together to make one large deck surface (see 2.2). Please familiarize yourself with the three components and the layout / positioning as it is important for a proper assembly & installation. Note that when you flip the platforms over you change the positioning of the decks (left becomes right - see 2.3 & 2.4). Only one face of the left & right deck platforms has alignment holes to accept the bolts to connect the deck platforms. Identify these sides / faces and make certain to position accordingly. To begin, you will sub-assemble the left & right deck platforms & then you will join them to the wedge to form the complete deck (at a later step - Step 9).

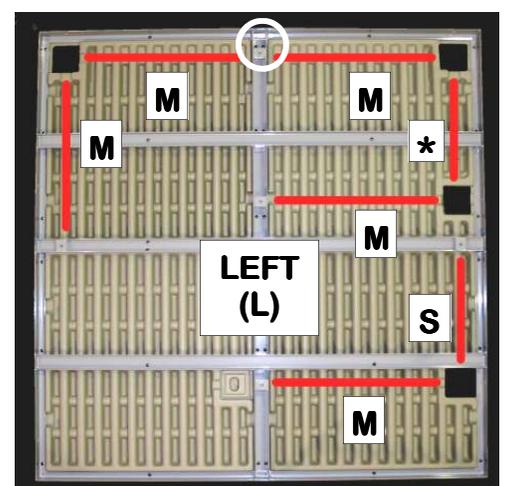
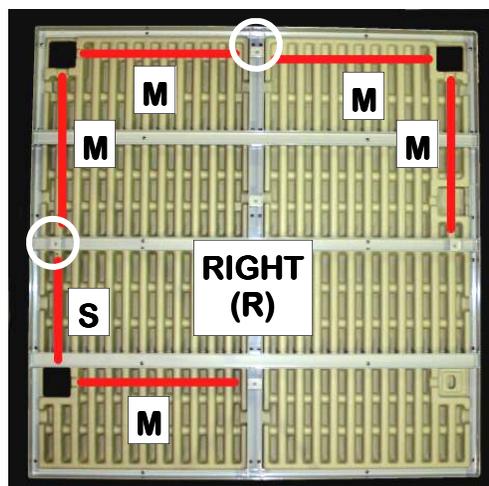
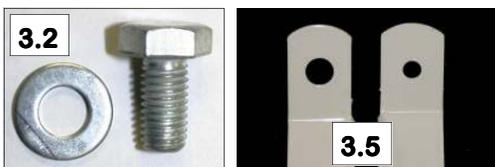
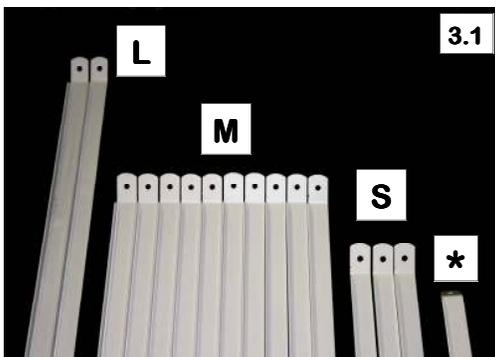


FRONT OF DECK-TOWARDS POOL



FRONT OF DECK-TOWARDS POOL

Step 3 - Attach Brace Supports



BOTTOM VIEW - 3.3

(NOTE: L & R REVERSED BECAUSE VIEWING BOTTOM)

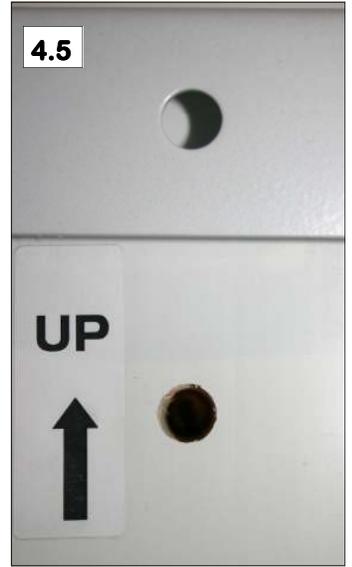
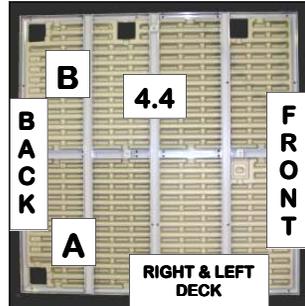
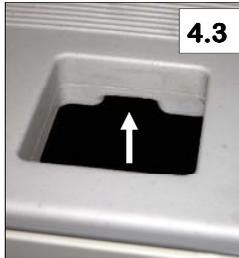
Identify & sort braces by length. There are two long (L), ten medium (M), three short (S) and one special (*) braces (see 3.1). Identify & separate the 3/8" round x 3/4" long bolts & 3/8" small washers from hardware kit (12 each - see 3.2). Lay left & right deck platforms face down, side by each as shown & position braces (see 3.3). **NOTE:** three braces for wedge post do not get attached until Step 10. At locations (noted by circles) two braces are secured using a single bolt & washer (see 3.4). Fit bolt, with washer on, through the large hole in end of braces (see 3.5) and into threaded plate on steel frame (see 3.4 & 3.5 & 3.6) Tighten hardware to snug only. Complete both left & right deck accordingly as shown



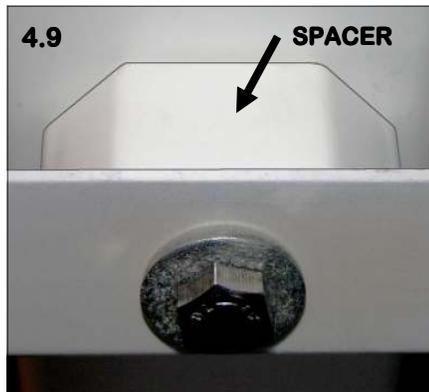
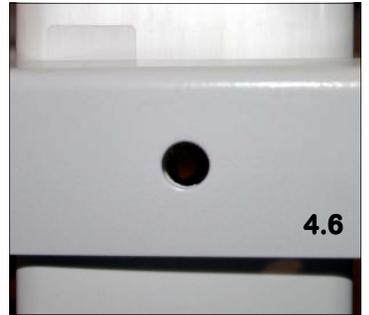
CIRCLE = DOUBLE CONNECTION



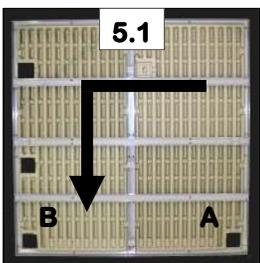
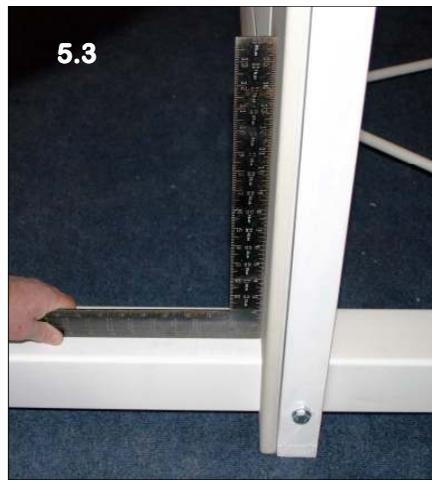
Step 4 - Position & Attach Long Support Posts



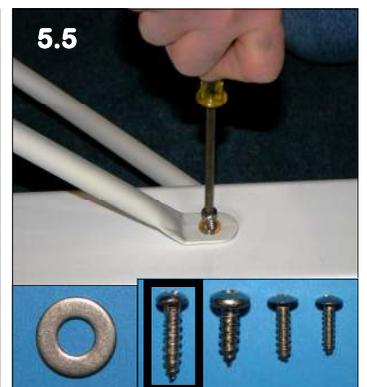
Select the seven 96" long support posts (see 4.1). Note each post is marked with direction arrow (see 4.2). Stand deck platform with braces on it's edge so the back legs are towards the left (see 4.4). From bottom to top of platform, fit a support post through the post hole in platform (see 4.3 above). Start with the post towards the bottom (see 4.4 - post hole "A"). Make certain the direction arrow and hole in the post is facing the bolt hole in the platform frame (see 4.5). Position the post so the hole in the post is centered with the bolt hole in the frame (see 4.6). Using a post spacer (see 4.7) and a 3/8" x 5-3/4" bolt and washer (see 4.8), position spacer between post and frame and pass bolt through holes in frame, spacer & post (see 4.9). Secure only finger tight using washer & nut so post can move slightly (see 4.10). With deck still standing on edge, repeat above procedure for support post to be located at position "B" in 4.4 above. Repeat above for both LEFT & RIGHT deck platforms



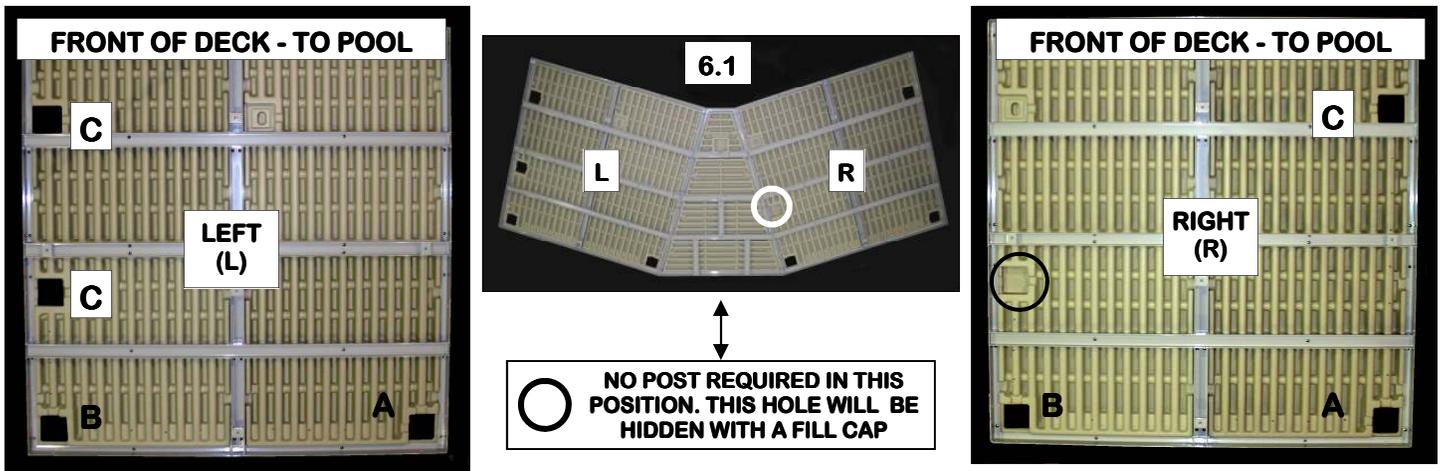
Step 5 - Secure Braces to Posts



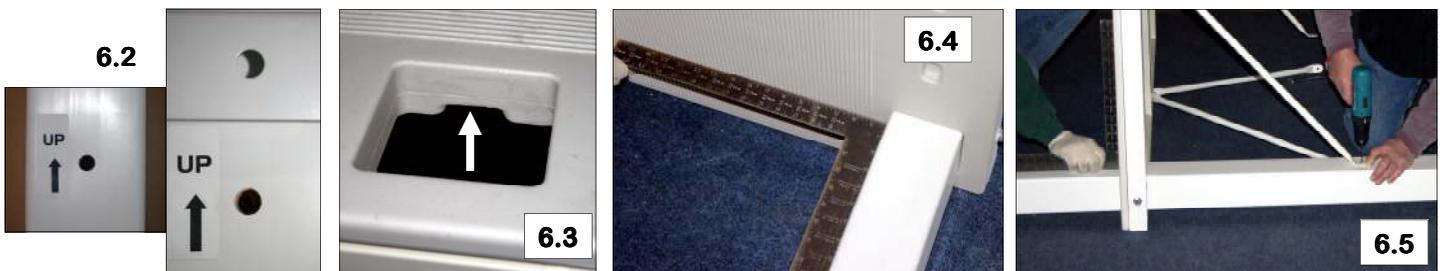
With each deck still on edge, gently rotate deck 90 degrees to the left, counter-clockwise (see 5.1). This way, first two posts will be towards ground and easy to work with. Starting with post in position B (see 5.1 & Step 4 above) use a square to be sure the post is plumb (square) to the deck platform surface (5.2 & 5.3). Holding post in place, drill a 1/8" pilot hole in center of post, through eye of brace (see 5.2 & 5.4). Secure using a #14 x 7/8" screw and 1/4" washer (see 5.5). Similarly, for the second brace, use square to make sure post is plumb in opposite direction (see 5.6) and drill pilot hole through eye of brace (see 5.7). Secure using a #14 x 7/8" screw & tiny washer as in 5.5. Repeat same procedure for support post in position A (see 5.1 & Step 4 above). Make certain all screws are tight into posts. Once braces securely in place, tighten post bolts (3/8" x 5-3/4" - from Step 4 - 4.9 & 4.10). Repeat for posts A & B for both LEFT & RIGHT deck platforms



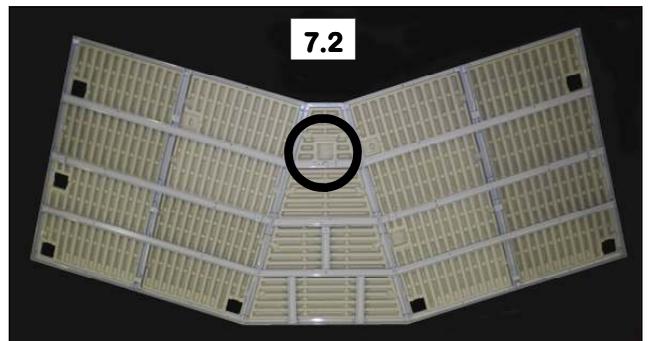
Step 6 - Position & Attach Remaining Long Posts & Braces in Both LEFT & RIGHT Deck Platforms



As outlined in Steps 4 & 5 previously, position, attach & secure three remaining long support posts & braces to LEFT & RIGHT deck platforms (see 6.1 for positions C on both decks). Remember, make certain the hole and direction arrow on posts are facing bolt hole in the deck platform frame (see 6.2). From bottom to top of platform, fit remaining long posts through the post holes in platforms (see 6.3). Before attaching braces, make certain posts are plumb (square) to deck platform (see 6.4 & 6.5). Drill & secure braces as in Step 5 (see 6.5). When complete & in place, secure & tighten **ALL** hardware (brace screws & post bolts). With assistance, stand each deck on it's support posts, in the upright position & make certain they are balanced & do not tip over. Leaving sufficient space between LEFT & RIGHT deck platforms to fit wedge, position decks as shown in 6.1 above.

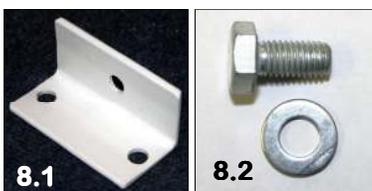


Step 7 - Determine Positioning of Short Post



Select short post (see 7.1) and identify proper positioning. Note the indentation in the front of the wedge platform, on the underside. The end of the post is designed to fit neatly within the indentation (see 7.2)

Step 8 - Attach Short Post



Select remaining post & wedge post support bracket (see 8.1). The underside of wedge platform has a pocket to accept post and threaded holes to attach post support bracket (8.3). Using two 3/8" x 3/4" bolts & 3/8" small washers (8.2), secure support bracket in place (8.4 & 8.5). Tighten hardware. Align bolt hole in post with post support bracket and fit post in place with exposed inner support post fitting directly into wedge platform (see 8.6). Secure using a 3/8" x 5-3/4" bolt, washer both sides & nut (8.7). Tighten hardware to snug only so post can move slightly.



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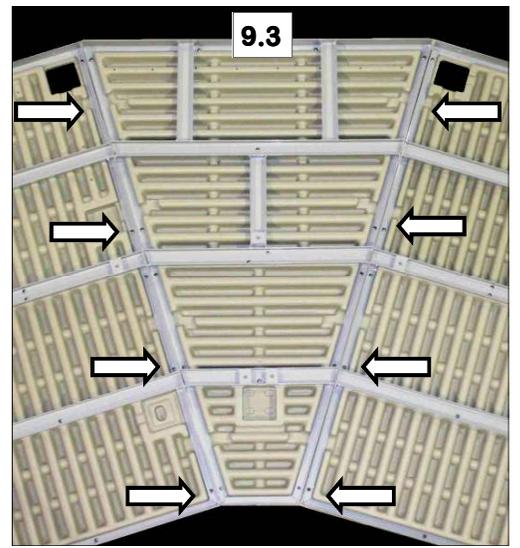
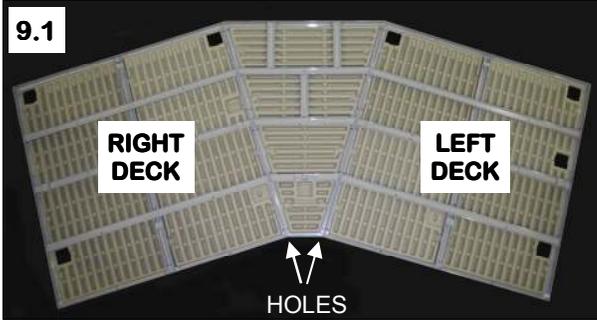


**ADD SOLAR
DECK LIGHTS
TO YOUR DECK**

SOLD SEPARATELY

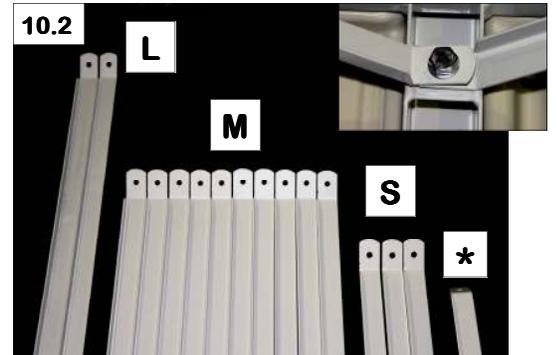
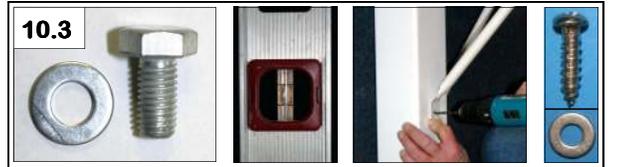
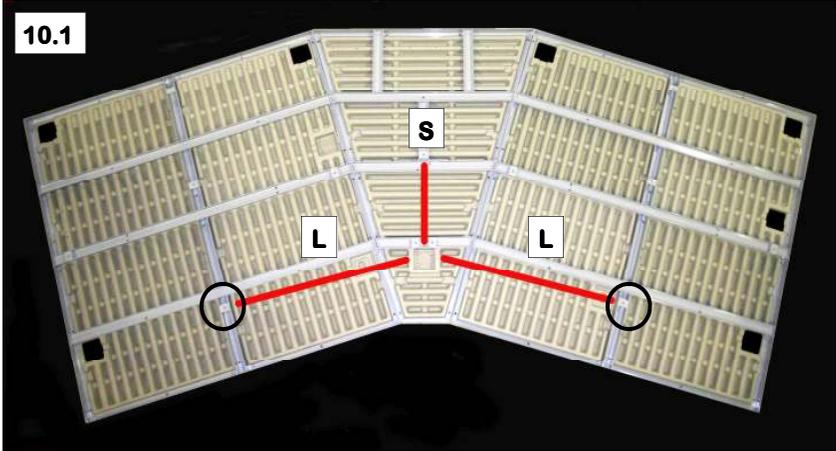
**ASK YOUR DEALER
FOR FURTHER INFORMATION**

Step 9 - Fit & Secure Deck Platforms



Fit wedge between partially assembled LEFT & RIGHT deck platforms (see 9.1). Make certain to align wedge frame holes with holes on Left & Right deck frames (see 9.2). Fit deck platforms together tightly. Using eight 3/8" x 3/4" bolts, washers both sides of frames & nuts (four per side - see 9.2 & 9.3) secure platforms together as one. Make certain hardware is tight.

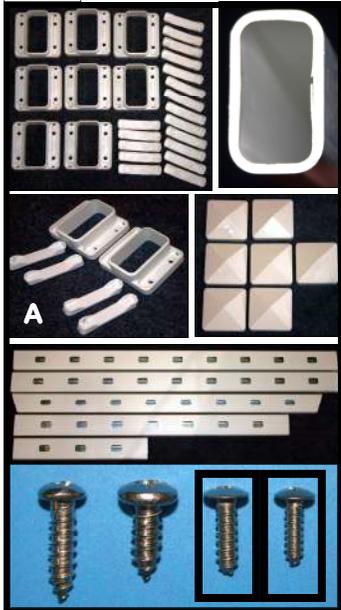
Step 10 - Attach Remaining Post Braces



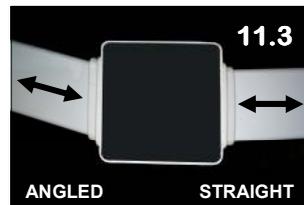
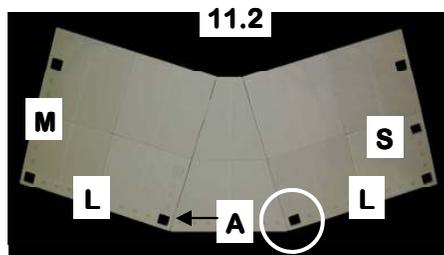
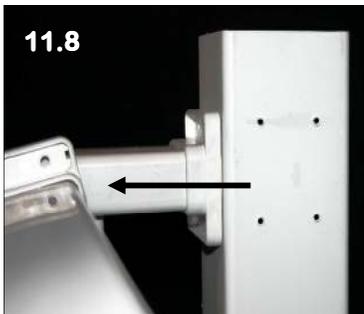
Select three required post braces (two L & one S) used with the wedge post (see 10.2). Similar to Step 3 previously, attach & secure braces in the proper location (see 10.1) using the 3/8" x 3/4" bolts & washers (see 10.3). To secure the L braces you will have to loosen the two bolts used for the front L braces (see 3.3 if required). With a level, make certain wedge post is plumb in both directions (see 10.3). Holding post in place, drill a 1/8" pilot hole in center of post, through hole of brace (see 10.3). Secure using #14 x 7/8" screw & 1/4" washer (see 10.3). Make sure hardware is tightened

Step 11

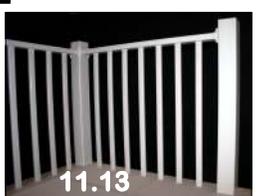
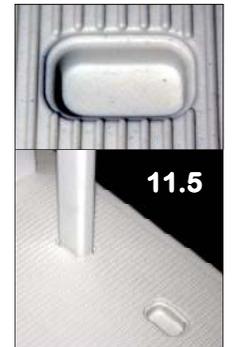
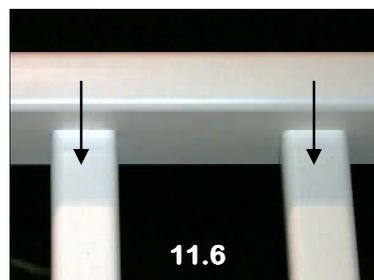
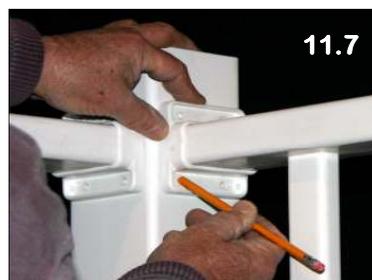
11.1 Attach Handrails



Gather parts for handrails (see 11.1 - handrails, pickets, connectors & covers, screws & post caps). There are four different handrails - small (S), medium (M), large (L) & angled (A). Note the difference between connectors: you have two angled (A) & eight straight. Angled are used for the angled handrail at the back of the wedge (see 11.1, 11.2 & 11.3). Also note positioning of handrails (see 11.2 & 11.3). Fit a handrail connector on both ends of all handrails (see 11.4). Angled connectors on ends of angled handrails. Make certain large, flat surface of connector is towards end of rail (see 11.4). Insert pickets, section by section (S-M-L-A), into molded pockets of deck surface (see 11.5). Fit tops of pickets into precut holes in appropriate handrails (see 11.2 & 11.6). Slide connectors to ends of rails, towards posts (see 11.7). Center connectors against posts and with pencil, mark holes in connectors on the posts (see 11.7). 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 11.8). Secure all connectors in place using #8 x 3/4" screws provided (see 11.9 & 11.1). Note difference in screw cover caps (straight & angled). Snap screw cover caps in place (see 11.10). To keep handrails from moving, drill a 1/8" hole through side of connector & handrail (see 11.11). Secure using #6 x 5/8" screws (see 11.1 & 11.12). Fit post caps and your railing is complete (see 11.12 & 11.13)

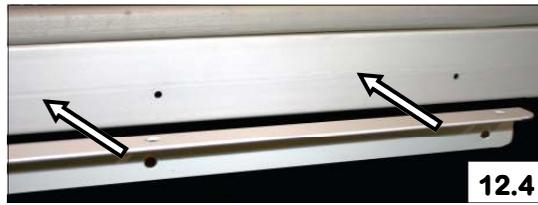
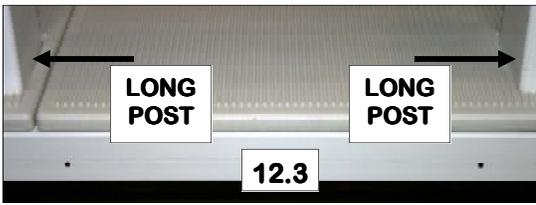
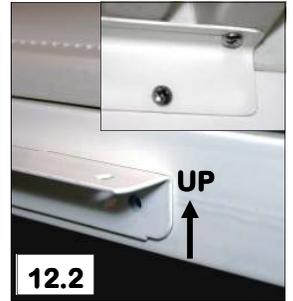


ANGLED CONNECTOR & RAIL (SEE 11.3)

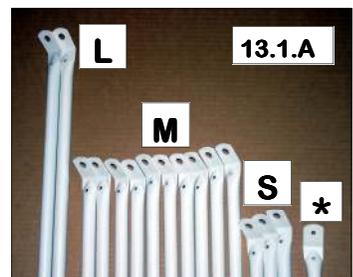
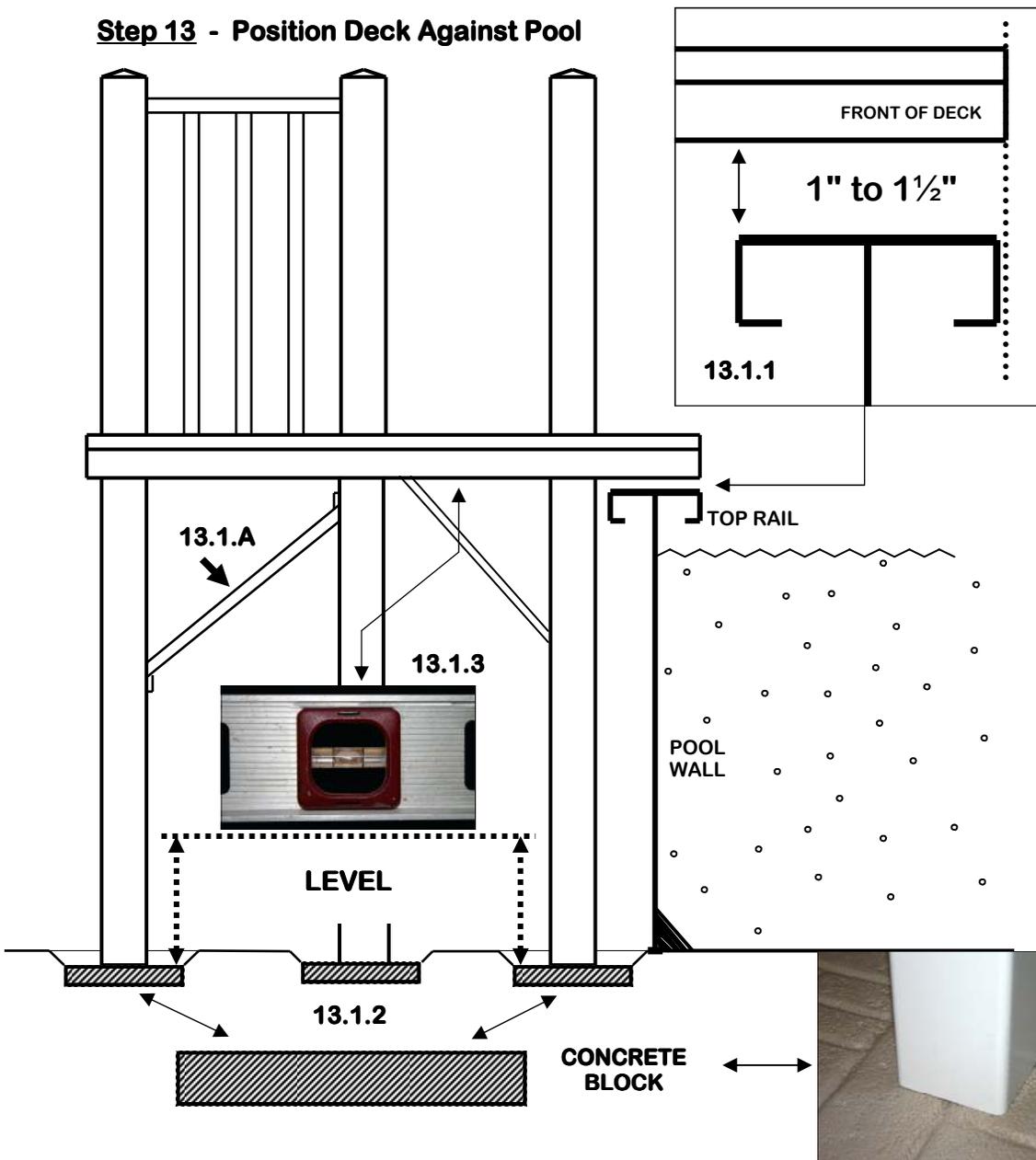


Step 12 - Attach Entry Support Angle

Select the G2D angle bolts & #14 x 3/4 screws (see 12.1). Position the G2D entry support angle in place & align the two holes (see 12.2 & 12.3 & 12.4). Secure angle to deck frame using bolts, washers both sides & nuts. **TIGHTEN**. The angle will be used for the G2D assembly & installation (see 12.5 + accompanying instruction page for 2008G2D entry)



Step 13 - Position Deck Against Pool



The last remaining tube brace needs to be attached ("special" 13.1.A). The brace is attached between posts beside opening for the G2D step. Similar to Steps 3&10, position brace between posts and secure using a #14 screw on both ends. Make certain posts are level. This secures posts



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 13.1.1 & 13.3). 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 1½" 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 eight support posts should sit on 16" square x 2" thick concrete blocks (see 13.1.2). These concrete footings must be leveled and set at the proper elevation (see 13.1.3) 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 & gate (see 13.2). **ABSOLUTELY NO DIVING or JUMPING from deck into pool**

Want additional safety & security for your pool? Add a Vinyl Works Canada Resin Pool Fence Kit - available in either 24" or 36" heights (see 13.4 - inset - sold separately) Ask your retailer for more information

