

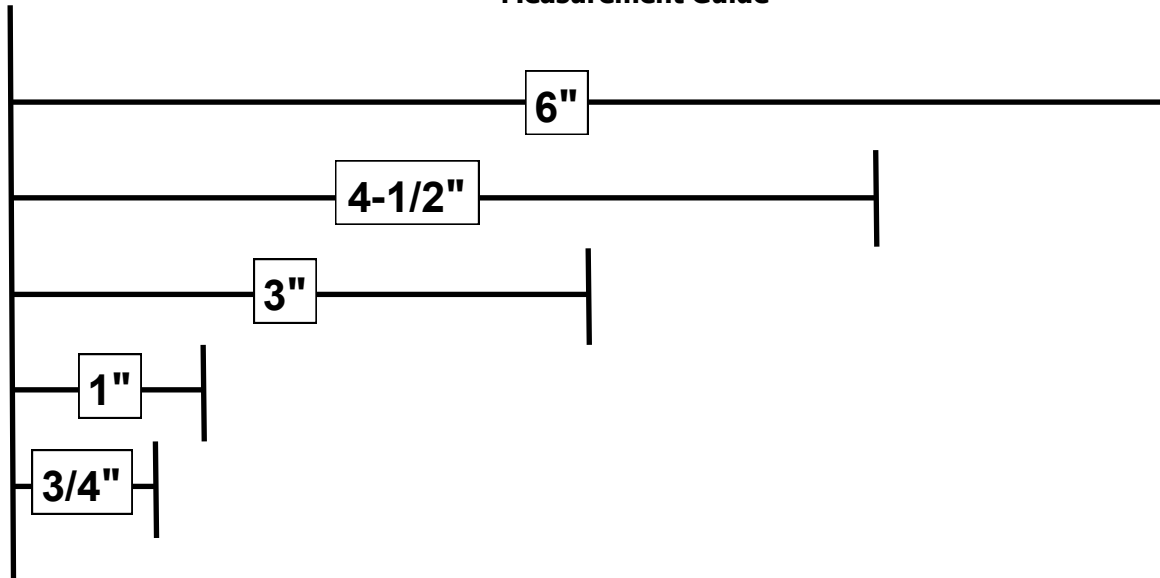
HARDWARE LAYOUT GUIDE

(for Model FD Pool Deck)

Your pool deck is packaged in five cartons total. Familiarize yourself with all components, hardware, parts and pieces. Most hardware is individually packaged and labelled for easy identification. **NOTE:** the pool steps included with the deck kit (boxes # 2 & # 4) include hardware as well. Follow hardware layout included for proper identification and usage. A measurement guide can be used to verify length. All hardware included is stainless steel (302-304 stainless) except the gate latch & striker bar.



Measurement Guide



3/8 X 6" HEX BOLTS
(posts to frames)



#14 x 1" SCREW & WASHER
(braces to posts)



3/8 X 4-1/2" HEX BOLT
(wedge post)



#14 x 3/4" SCREW
(G2D support + front flanges)



3/16 X 3" ROUND HEAD BOLTS
(in-pool step rear flanges)



#10 x 1" SCREW
(connectors to posts)



1/4 X 1" ROUND HEAD BOLTS
(G2D handrails to connectors)



#8 x 3/4" SCREW
(connectors to handrails)



3/8 X 1" HEX BOLTS
(post braces + frames + wedge post)



#10 x 3/4" SCREW
(G2D gate)



1/4 X 3/4" ROUND HEAD BOLTS
(G2D support angle + G2D gate)



GATE LATCH SHIELD
(G2D gate)



GATE LATCH & STRIKER
(G2D gate)

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, wrenches or nut driver, measuring tape, square, phillips (star) screwdriver, drill, 1/8", 3/16 & 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 ICC-ISPSC / ANSI / PHTA recommended standards for above ground / on ground swimming 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 at all times. 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)



**Post Caps
(7 pc)**



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



**G2D
Entry
Support
Angle**



**Pickets
(36 pc)**



**Support Posts
(7 pc)**



**Post Spacer
(7pc)**



Post Braces (16 pc)



**Wedge Post
Support
Bracket**



**Handrail Connector
Straight (8 pc)**



**Handrail Connector
Angled (2 pc)**



**In-Pool Step
Base Plate
(2 pc)**



**Gate Latch
Shield (1 Kit)**



**Gate Latch &
Striker (1 Set)**



**G2D Handrail
Connector (2 pcs)**

**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.

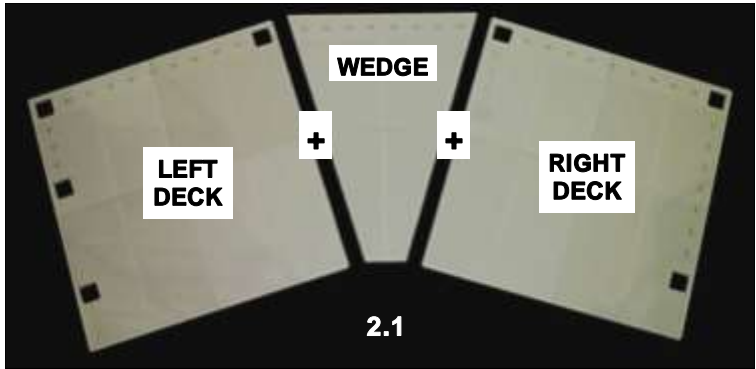
Make certain to familiarize yourself with all parts before starting assembly of your deck. If you notice any parts damaged or missing, please contact our customer service for assistance: 877-VINYL WK

Step 1 - Organize & Get Ready for Assembly - Separate Hardware & Identify

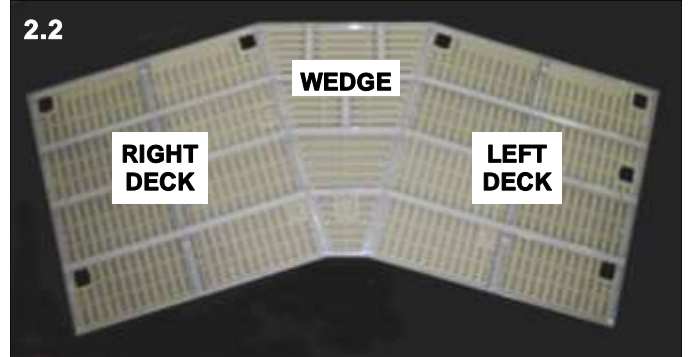
Your pool deck is packaged in five cartons total. Familiarize yourself with all components (see parts layout on page 1). Open the hardware kit (box) and arrange hardware bags, parts and pieces. Most hardware is individually packaged and labelled for easy identification (see 1.1). **NOTE:** the pool steps / cartons (boxes 2 & 4) include hardware as well. Follow hardware layout included for proper identification and usage. A measurement guide on the hardware layout can be used to verify length. All hardware included is 18.8 stainless steel (302-304 stainless) except the gate latch & striker bar.



Step 2 - Understand Position & Fit of Deck Platforms

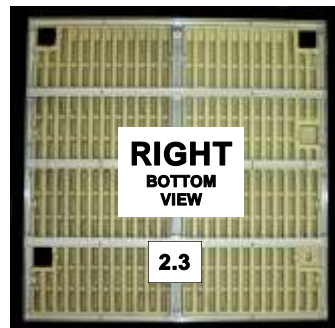


TOP VIEW

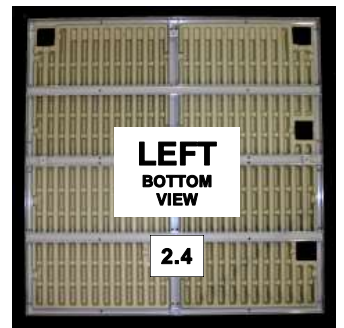


BOTTOM VIEW

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).

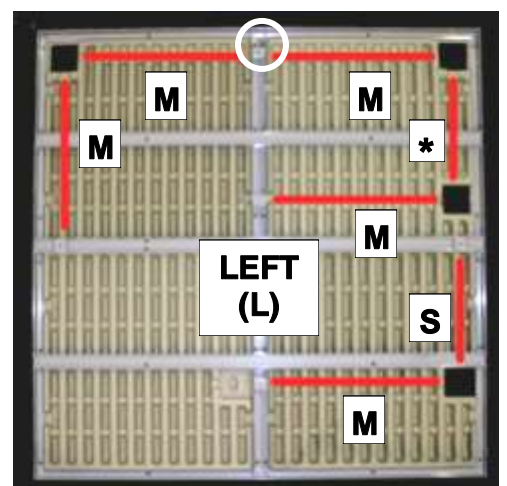
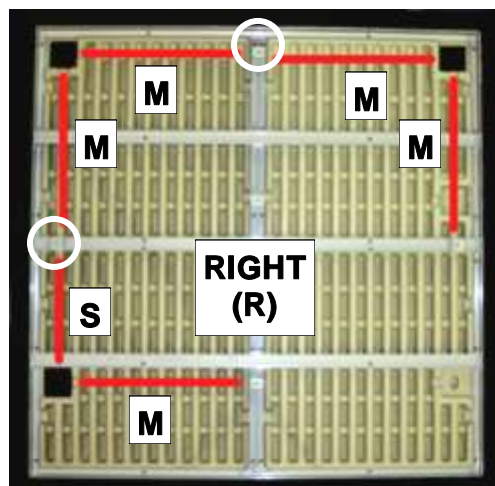
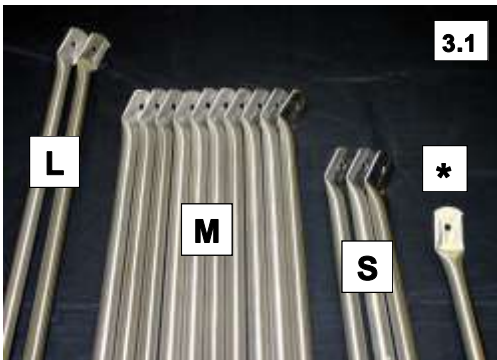


FRONT OF DECK-TOWARDS POOL



FRONT OF DECK-TOWARDS POOL

Step 3 - Attach Brace Supports



BOTTOM VIEW - 3.3

(NOTE: L & R REVERSED BECAUSE VIEWING BOTTOM)

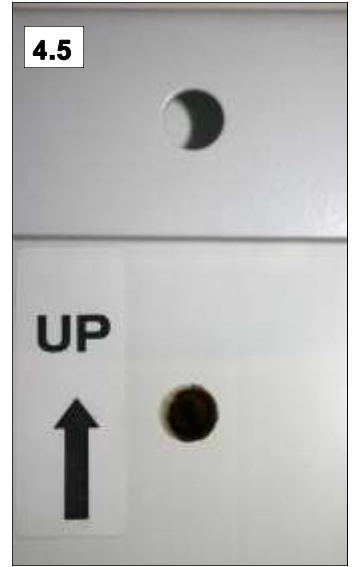
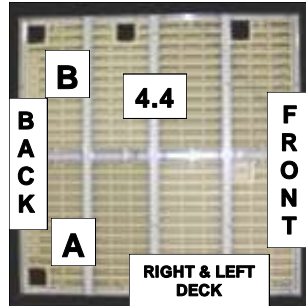
Identify & sort braces by length. There are two long (L), ten medium (M), three short (S) and one special (*) braces (see 3.1). Identify & separate the 3/8" round x 1" long bolts & 3/8" small washers & nut from hardware kit (9 required - see 3.2). Lay left & right deck platforms face down, side by each 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, washers & nut (see 3.4). Fit bolt, with washer, through the large hole in end of braces (see 3.5) and through hole on steel frame (see 3.4 - 3.6). Secure using washer & nut from bottom. Tighten hardware to snug only. Complete both left & right deck accordingly as shown



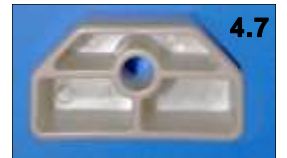
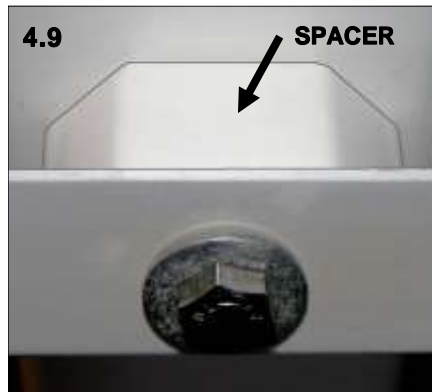
← ○ → CIRCLE = DOUBLE CONNECTION



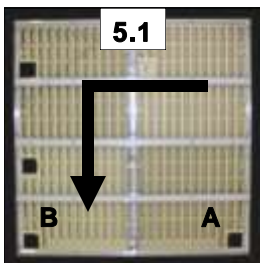
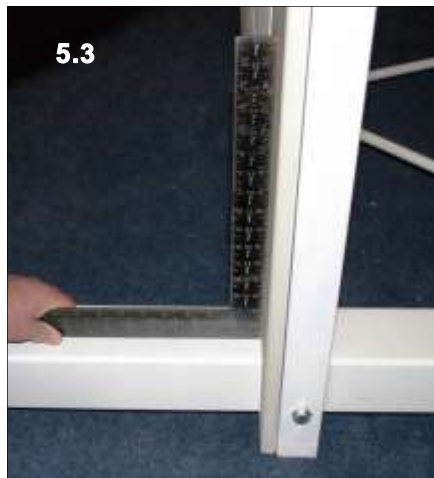
Step 4 - Position & Attach Long Support Posts



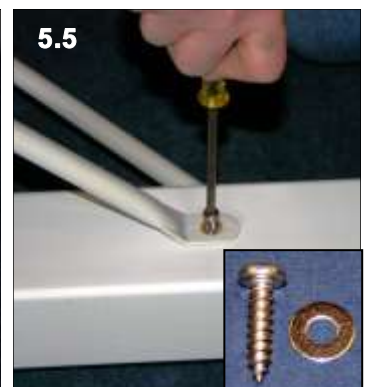
Select the seven 96" long support posts (see 4.1). Note each post is marked with direction arrow (see 4.2). Stand deck platform with braces on it's edge so the back legs are towards the left (see 4.4). From bottom to top of platform, fit a support post through the post hole in platform (see 4.3 above). 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 6" 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



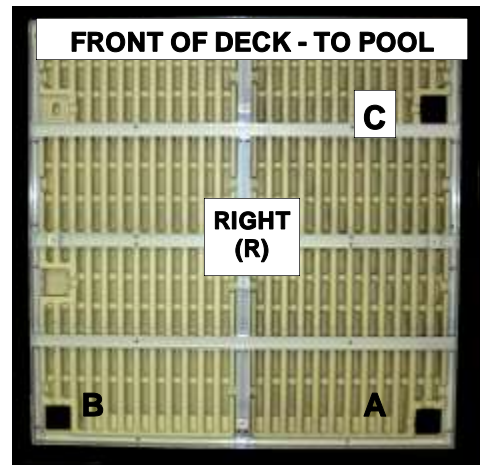
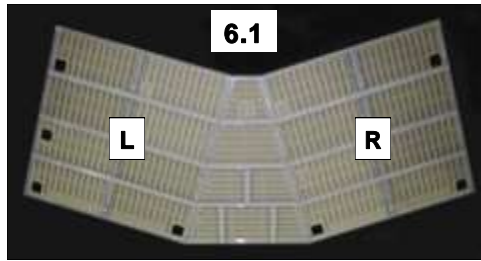
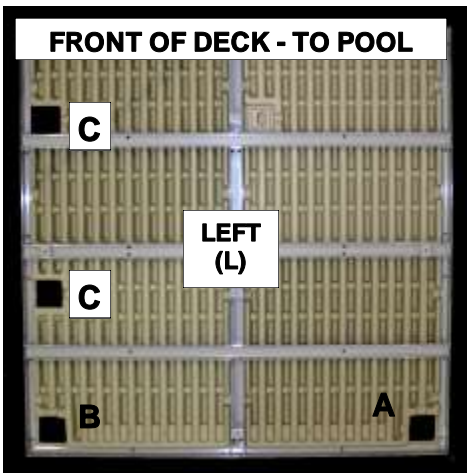
Step 5 - Secure Braces to Posts



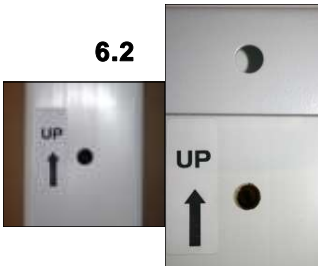
With each deck still on edge, gently rotate deck 90 degrees to the left, counter-clockwise (see 5.1). This way, first two posts will be towards ground and easy to work with. Starting with post in position B (see 5.1 & Step 4 above) use a square to be sure the post is plumb (square) to the deck platform 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 1" 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 1" screw & 1/4" 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 6" - 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



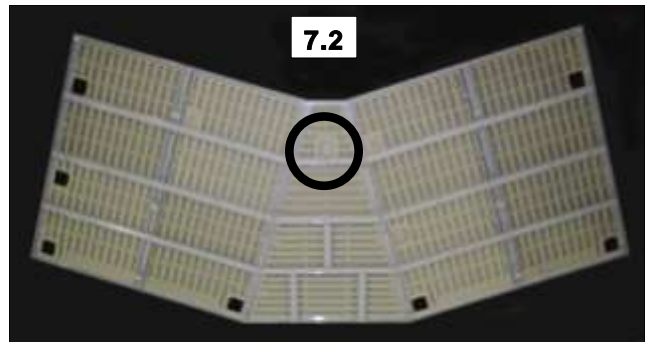
As outlined in Steps 4 & 5 previously, position, attach & secure three remaining long support posts & braces to LEFT & RIGHT deck platforms (see 6.1 for positions C on both decks). Remember, make certain the hole and direction arrow on posts are facing bolt hole in the deck platform frame (see 6.2). 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



SHORT POST

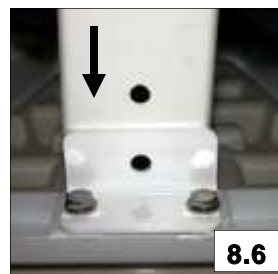


Select short post (see 7.1) and identify proper positioning. Note the indentation in the front of the wedge platform, on the underside. The end of the post is designed to fit neatly within the indentation (see 7.2)

Step 8 - Attach Short Post



Select remaining short post & wedge post support bracket (see 8.1). The underside of wedge platform has a pocket to accept post and welded plates to attach post support bracket (8.3). Using two 3/8" x 1" bolts, 3/8" small washers and nuts (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 directly into wedge platform (see 8.6). Secure using a 3/8" x 4-1/2" bolt, large washer both sides & nut (8.7). Tighten hardware to snug only so post can move slightly.

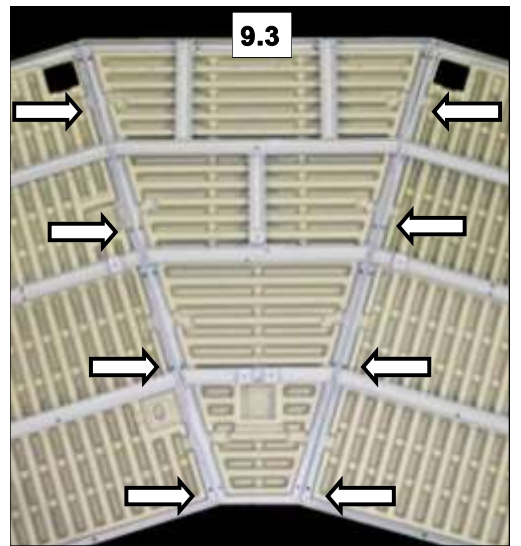
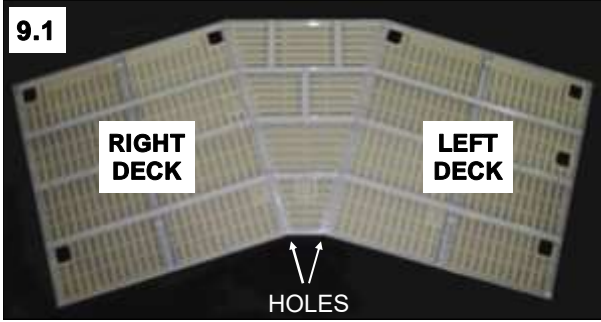


VINYL WORKS CANADA
www.vinylworkscanada.com
 VISIT OUR WEBSITE FOR FURTHER PRODUCT INFORMATION AND WARRANTY REGISTRATION
??? **NEED REPLACEMENT PARTS** **???**
ALL REPLACEMENT PARTS ARE AVAILABLE
 ONLINE AT WWW.VINYLWORKSCANADA.COM



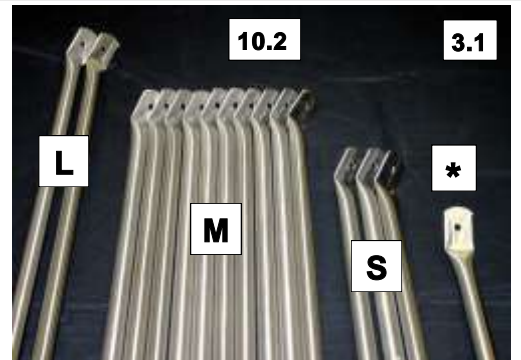
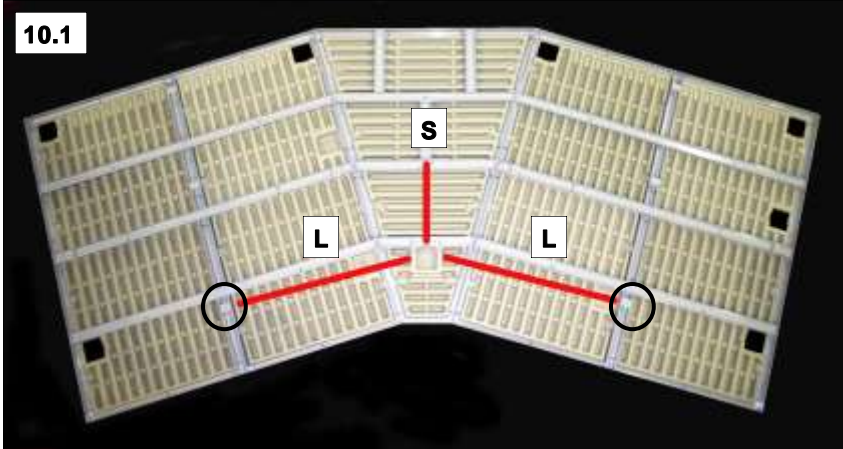
SEND US YOUR PHOTO
 VISIT OUR WEBSITE FOR FURTHER INFORMATION
www.vinylworkscanada.com
 EACH SEASON WE SELECT PRIZE WINNING INSTALLATIONS

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 1" 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.

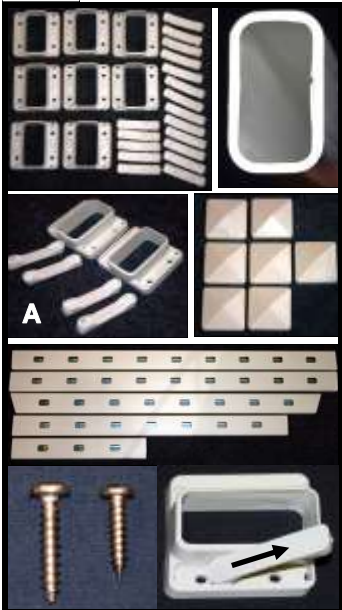
Step 10 - Attach Remaining Post Braces



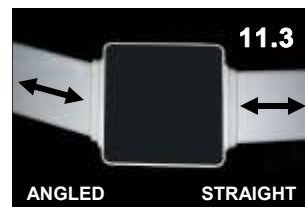
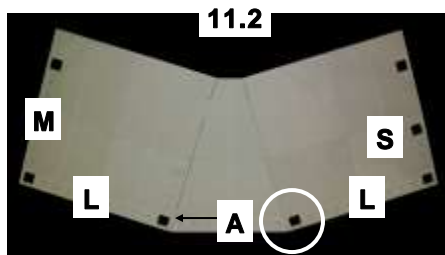
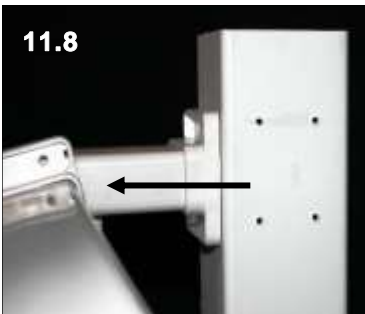
Select three required post braces (two L & one S) used with the wedge post (see 10.2). Similar to Step 3 previously, attach & secure braces in the proper location (see 10.1) using the 3/8" x 1" bolts, washers & nut (see 10.3). To secure the L braces you will have to loosen the two bolts used for the 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 1" screw & 1/4" washer (see 10.3). Make sure hardware is tightened

Step 11

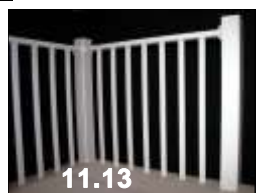
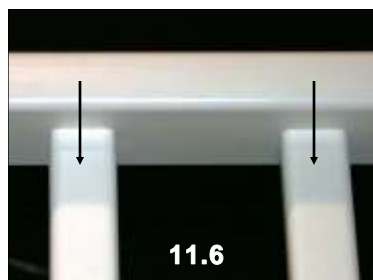
11.1 Attach Handrails



Gather parts for handrails (see 11.1 - handrails, pickets, connectors, 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 back of wedge (11.1 - 11.3). Remove screw cover caps from all connectors (11.1). Note positioning of handrails (11.2 & 11.3). Fit a handrail connector on both ends of all handrails (11.4). Angled connectors on ends of angled handrails. Make certain large, flat surface of connector is towards end of rail (11.4). Insert pickets, section by section (S-M-L-A), into molded pockets of deck surface (11.5). Fit tops of pickets into precut holes in appropriate handrails (11.2 & 11.6). Slide connectors to ends of rails, towards posts. Level handrails. Center connectors on posts and with pencil, mark screw holes in connectors on posts (11.7). Once connector marked, push rail & connector out of the way and drill a pilot hole using a 1/8" bit at all pencil marks (11.8). Secure all connectors using #10 x 1" screws provided (11.9 & 11.1). Note difference in screw cover caps (straight & angled). Snap screw cover caps in place (11.10). To keep handrails from moving, drill a 1/8" hole through side or bottom of connector & handrail (11.11). Secure using #8 x 3/4" screws (11.1 & 11.12). Fit post caps and your railing is complete (11.12 & 11.13)

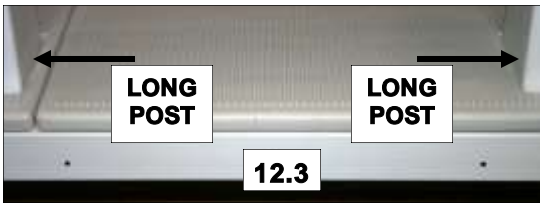
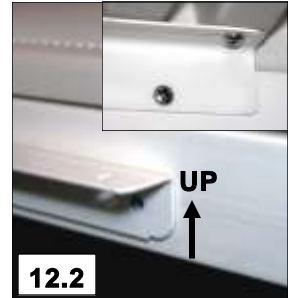
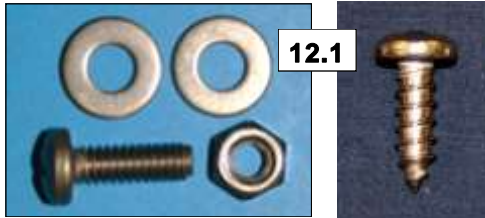


ANGLED CONNECTOR & RAIL (SEE 11.3)

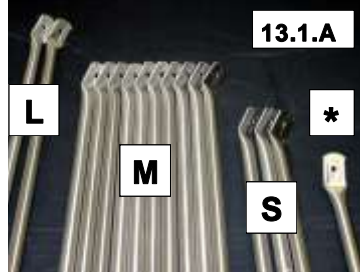
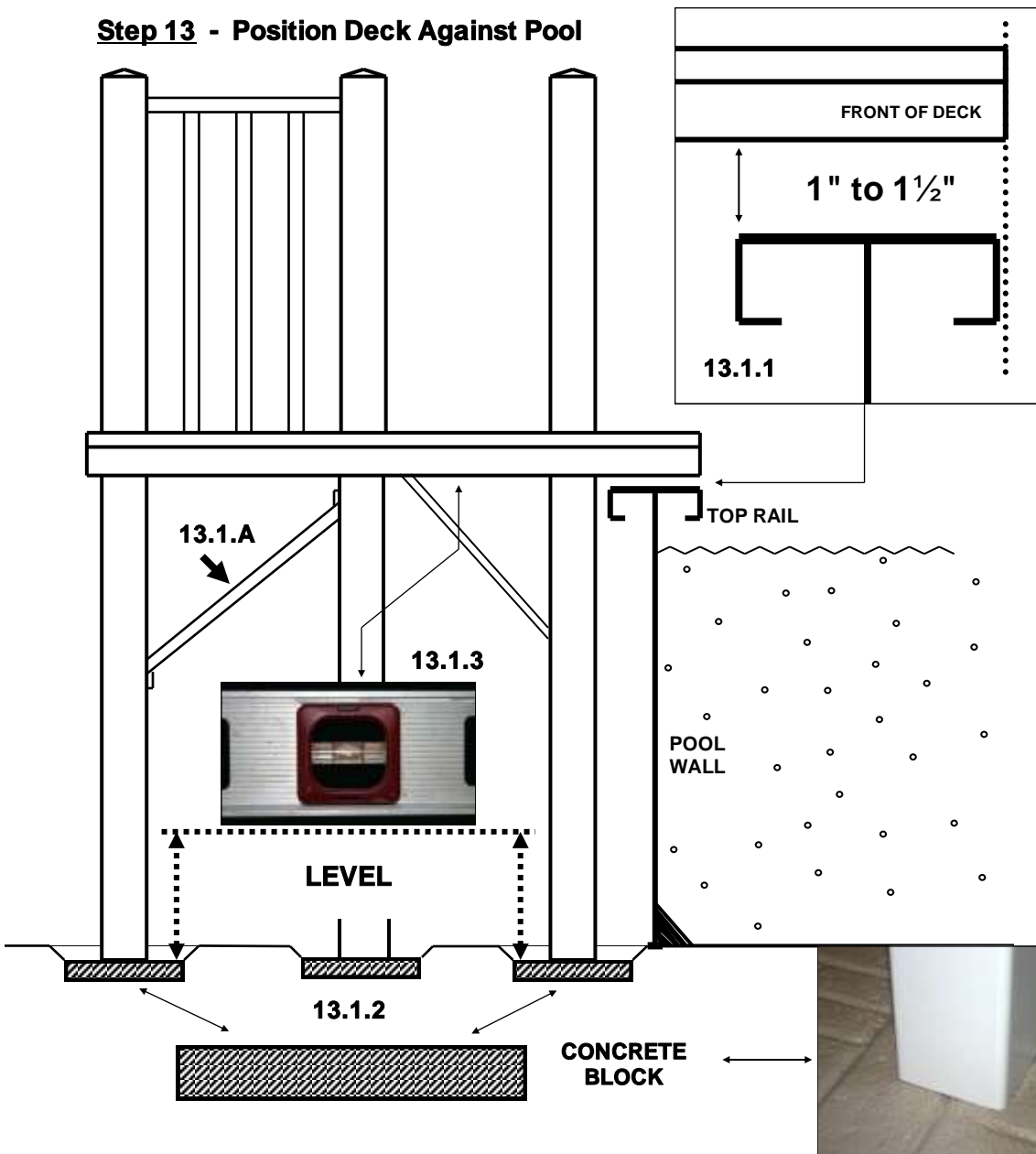


Step 12 - Attach Entry Support Angle

Select the G2D angle support bolts & #14 x 3/4 screws (see 12.1). Position the G2D entry support angle in place & align the two holes (see 12.2 - 12.4). 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 G2D entry step)



Step 13 - Position Deck Against Pool



Attach remaining tube brace ("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 x 1" screw & washer on both ends. Make certain posts are plumb & level. Tighten hardware



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 or visit our website

IN-POOL STEPS

MODELS: IN-24 & IN-32

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. **DO NOT DEVIATE FROM THESE INSTRUCTIONS**

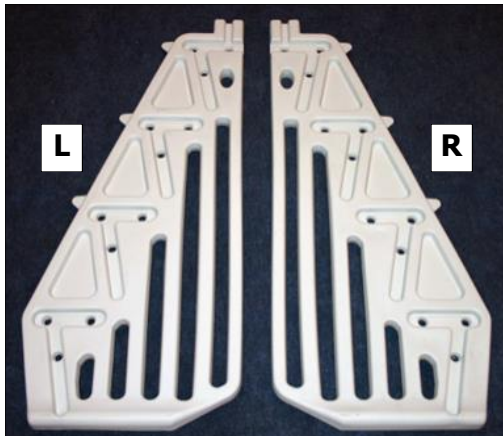
TOOLS REQUIRED: 7/16" socket or nut driver, measuring tape, Phillips (star) screwdriver, utility / trimming knife or hand saw (you may need a 5/16" & 1/4" drill bits & drill)



SAFETY INSTRUCTIONS & PROPER USE

- These pool step systems have a 300 lb load capacity - one person - when properly installed
- The steps are designed and intended for use with an above ground pool only (flat bottom)
- Your above ground pool has shallow water - absolutely **NO DIVING** or **NO JUMPING** into the pool
- The steps conform to ICC-ISPSC / ANSI / PHTA code requirements for above ground/on ground swimming pool steps (when properly assembled & installed as per manufacturer's recommendations)
- For entry & exit of the pool face steps at all times. Use extended handrails at all times for additional safety
- These step systems are designed for use by one person at all times
- Ensure the bottom of the side support stringers are free of debris & any possible sharp edges as not to damage the pool liner. Use of a ladder or step pad (sold separately) is highly recommended for extra protection & life of the pool liner
- Locate pool steps on a solid / flat base within the pool. These steps are **NOT** to be used with "dished" bottom pools
- Secure step system to deck surface using **BOTH** sets of flanges included (front & rear) for stability and safety
- Keep handrails and treads free from obstructions to avoid possible injury. Do not secure any items to the pool entry steps. Such objects (eg. thermometers, play toys, ropes) may create a potential for tripping or entrapment & injury can occur
- **NEVER ALLOW CHILDREN TO SWIM UNATTENDED** - Nothing replaces parental supervision at all times
- Assemble and install this pool step system as per the manufacturer's instructions. Do not deviate from these instructions as serious personal injury or drowning may occur - **PLEASE ALWAYS SWIM SAFELY & RESPONSIBLY !**
- Please review all instructions for proper use and safety with all individuals using these pool steps to prevent injury

Step 1: IDENTIFY PARTS



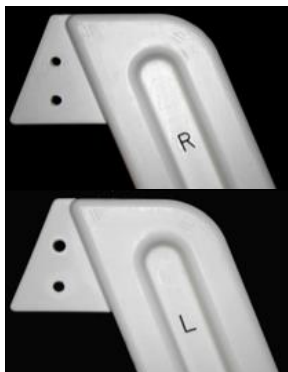
Stringers - 2 pcs - 1 Left & 1 Right



Rear Deck Flanges - 2 pcs



Front Deck Flanges - 2 pcs



Upper Handrails - 4 pcs
2 Left & 2 Right



Lower Handrails - 2 pcs
1 Left & 1 Right

TREAD - RISERS FOR 32" POOL STEPS



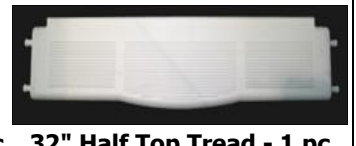
32" Tread-Riser - 2 pcs
(without light hole)



32" Tread-Riser - 1 pc
(with light hole)



32" Half Bottom Riser - 1 pc



32" Half Top Tread - 1 pc

TREAD - RISERS FOR 24" POOL STEPS



24" Tread-Riser - 2 pcs
(without light hole)



24" Tread-Riser - 1 pc
(with light hole)

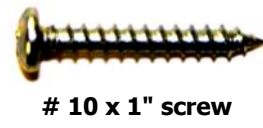


24" Half Btm Riser - 1 pc



24" Half Top Tread - 1 pc

**Step 2:
IDENTIFY HARDWARE**



Hardware Measurement Guide

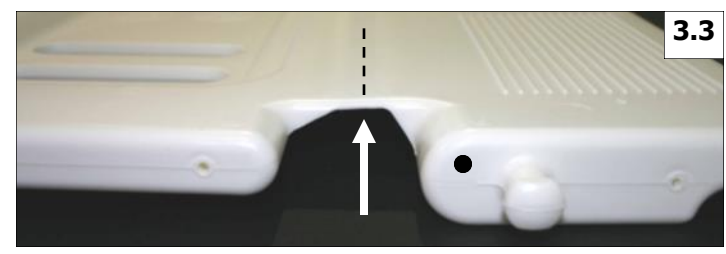
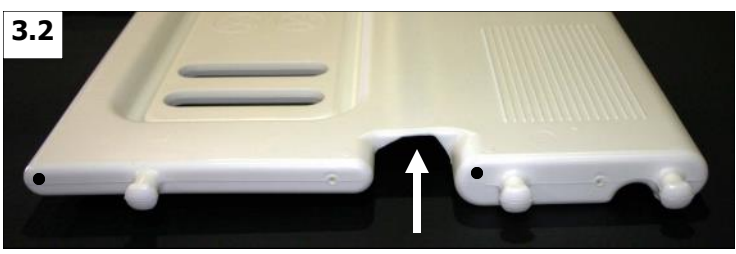
5/8"	3/4"	1"
------	------	----



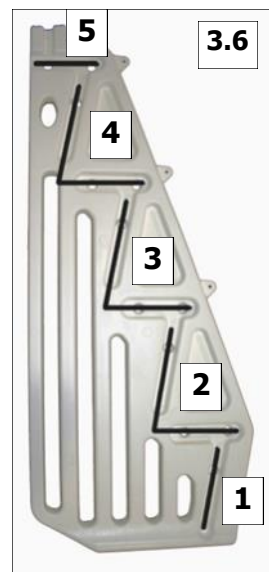
Step 3: FIT TREADS & RISERS INTO STRINGERS



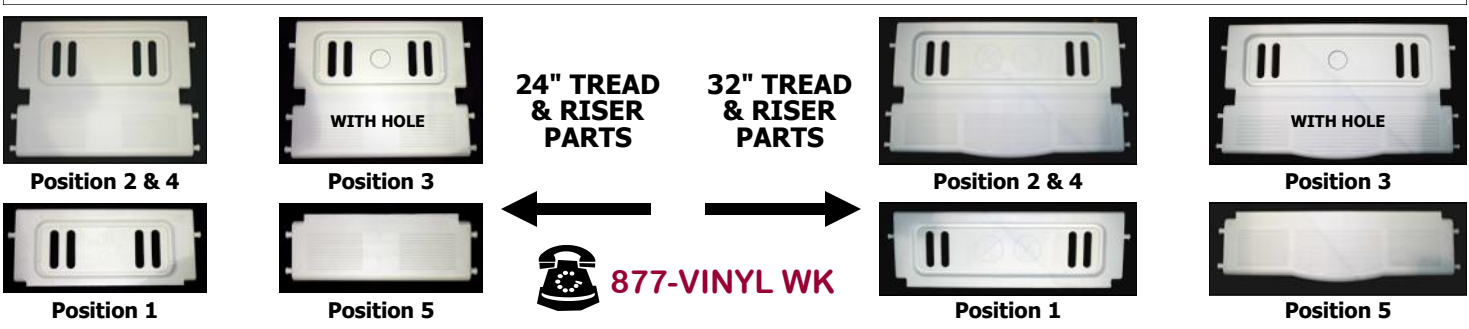
Each of the tread riser parts is hollow and contains air. When manufactured, the tread risers have small holes pierced in them so when the fully assembled step is placed within the pool the air can escape and the internal cavities will fill with water. This prevents the steps from wanting to float in the pool. However, it does take time. If you wish to speed this process up and ensure your steps will fill with water faster, you can drill an additional small hole (1/4") in the **ends** of the tread risers (all parts) as shown in Detail 3.1 above

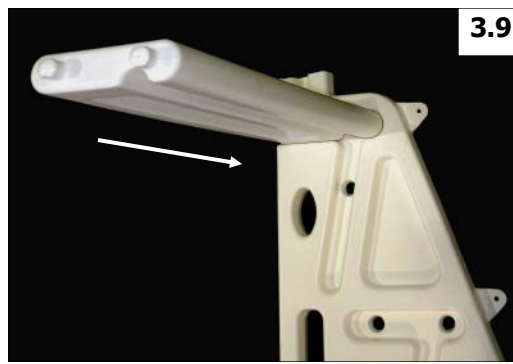
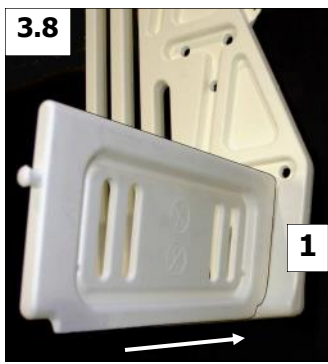
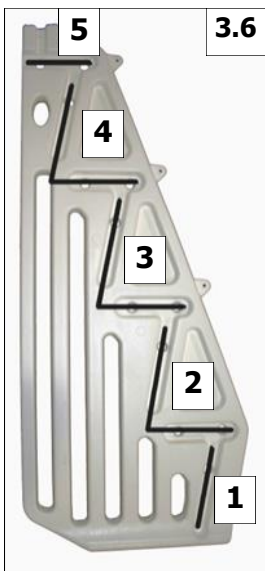


Each of the full tread risers is designed and manufactured to fold down the "center line" (indicated above in Details 3.2 & 3.3 with arrows). The plastic material used in the manufacture of these parts is very flexible, however, temperature is an important factor on how easily they will fold. The colder the material the harder it will be to fold the parts. **HINT:** if you heat the entire "center line" of the tread risers they will fold much easier. Using hot water, a heat gun or hair dryer or even laying the parts in the direct sunlight will soften the plastic and allow them to fold easily. Make certain not to overheat the plastic - it can permanently mark or damage the parts

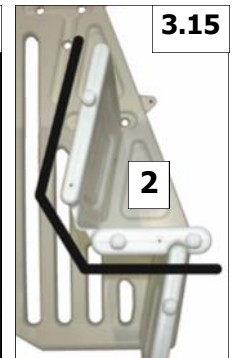
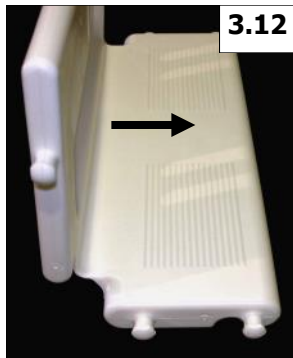
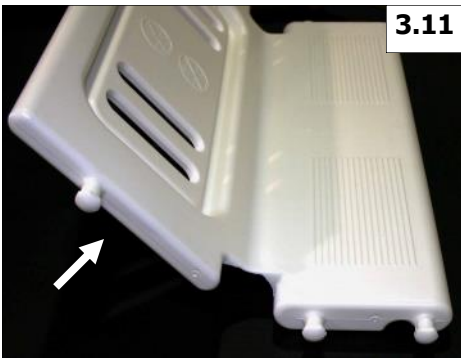


The fit and positioning of the treads and risers into the stringers is very specific. Each of the stringers has indentations with holes which the ends of the treads and risers fit and lock into. The treads and risers have button lock knobs on the ends which fit through the holes of the stringers and lock each part in place. Lay one right (R) stringer on a flat surface with the indentations facing up (Detail 3.4 & 3.5). The proper positioning of all treads and risers is outlined in Detail 3.6 & 3.7. Review this layout for correct positioning of all parts





Identify one of the half bottom riser parts. With the warning signs facing out, away from the steps, fit the bottom riser into the indentation of the stringer at **POSITION 1** (see Detail 3.6 & 3.8). Press the bottom riser into the stringer until the button lock knob on the end protrudes through the hole and locks the part in place (see Detail 3.10). Identify one of the half top tread parts. With the anti-skid surface facing up, fit the top tread into the indentation of the stringer at **POSITION 5** (see Detail 3.6 & 3.9). Press the top tread into the stringer until the button lock tabs on the end protrude through the holes and locks the part in place (see Detail 3.10)

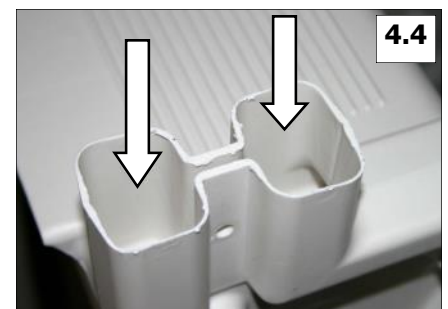


Identify one of the tread-riser parts (without light hole) and lay it on a flat surface. Holding the tread portion in place, fold the riser portion over (see Details 3.11 - 3.13). Make certain to fold warning signs on riser portion toward anti-skid surface of tread portion. You can over fold until portions touch as they will want to go back to their original position once you let go. Take the folded tread-riser and fit it into the indentations of the stringer at **POSITION 2** (see Detail 3.6, 3.14 & 3.15). **Note:** the tread portion with two button lock knobs will fit into the horizontal indentation in the stringer just above the half bottom riser already installed. The riser portion will fit into the next indentation above it. Press the tread-riser into the stringer until the button lock knobs on the ends protrude through the holes and lock the part in place (see Detail 3.10). Similarly, take the tread-riser with light hole, fold the part and insert it into indentations at **POSITION 3**. Take the last tread-riser (without light hole) and complete the assembly of the treads and risers. Make certain all button lock knobs secure parts in place



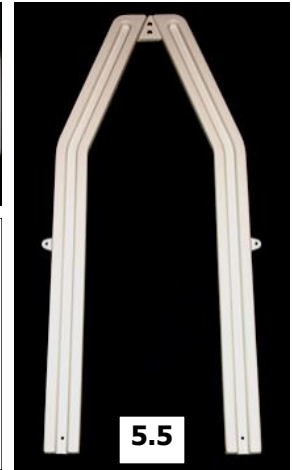
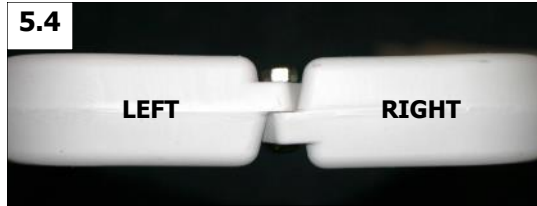
Step 4: FIT REMAINING STRINGER & ADD WEIGHT

With all tread and riser parts securely installed within the right stringer, position remaining left stringer (see Detail 4.1 & 4.2). With the indentations in the left stringer fit over the ends of the treads and risers, align the button lock knobs with the holes in the stringer and press the stringer down locking all parts together. Make certain all knobs are securely locked through stringer holes (see Detail 3.10). Stand completed step assembly upright (see Detail 4.3). The top of the stringers, where the upper handrails fit within, is open to the internal hollow cavities. Your pool step requires additional weight for ballast and to prevent the step from floating. Put approximately 10-15 lbs of clean gravel into both the left & right stringer. This will give your fully assembled step system the required stability with the pool



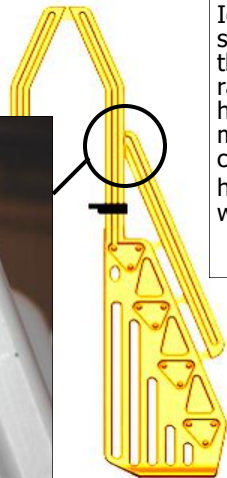
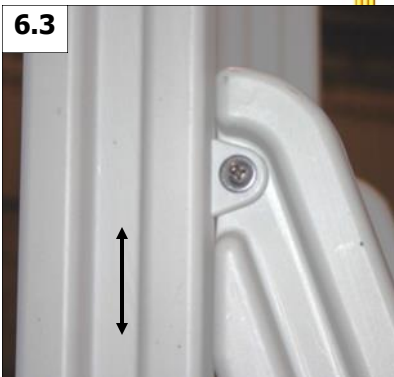
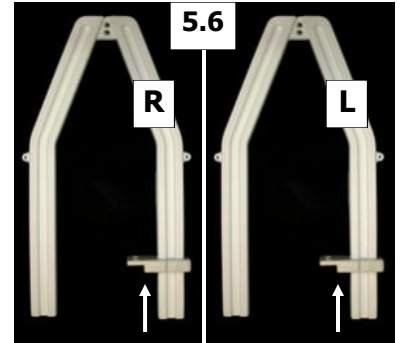
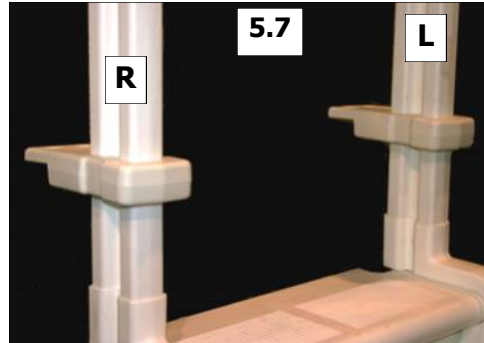
FOLLOW ALL ASSEMBLY INSTRUCTIONS FOR A SAFE AND STABLE POOL STEP SYSTEM. USE OF A STEP PAD IS HIGHLY RECOMMENDED

Step 5: ASSEMBLE UPPER HANDRAILS



Identify the upper RIGHT (R) & LEFT (L) handrails (small stamp in parts - see Detail 5.1 & 5.2). Fit handrail pair together as shown in Detail 5.3-5.5 aligning bolt holes at top. Secure using 1" bolts, washers and nuts. Tighten all hardware. Repeat for both sets of upper handrails. Slide front deck flanges over upper handrails before fitting handrails into assembled step (see Detail 5.6 & 5.7). Make certain flanges face proper direction (inward). One flange goes over a RIGHT handrail and one over a LEFT. Fit handrail ends (with flanges on) into openings at the top of stringers as shown in Detail 5.7. Make certain location is correct (R & L as per 5.7)

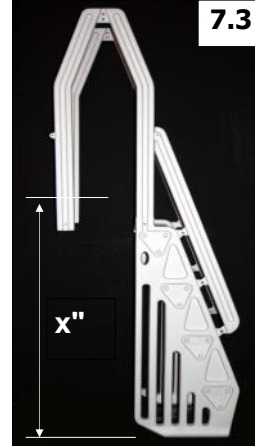
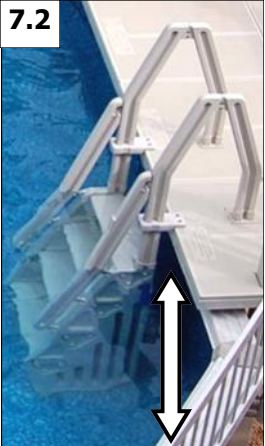
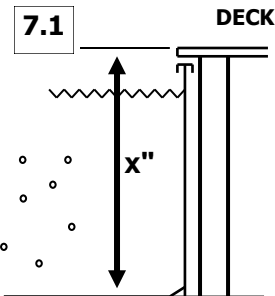
Step 6: ASSEMBLE LOWER HANDRAILS



Identify the lower RIGHT & LEFT handrails (small stamp in parts - Detail 6.1). Facing step as if the climb, position right handrail on the right side and left on the left side. Align the bolt flanges on the handrails with the bolt flanges on the stringers and upper handrails (see Detail 6.2-6.5). It is important to start with the connection point with the upper handrail (Detail 6.3). Align bolt holes by sliding upper handrail up or down. Once aligned, make certain the upper and lower handrails are perfectly aligned (Detail 6.4). Secure connection using 5/8" bolt, washer and nut. Repeat for all connection points on both handrails. After handrails secured, secure upper handrails with stringers using 3/4" bolts, washers and nuts (Detail 6.6). Drill a 5/16" hole if bolt holes don't perfectly align



Step 7: POSITION STEP & SECURE TO DECK SURFACE



Measure depth of pool (inside pool) to the height of the pool deck (see 7.1 & 7.2). Transfer this measurement to the upper handrails to connect to deck surface (see 7.3). Cut excess upper handrails if required. Slide rear flanges (see 7.4) onto handrails and position step system into the pool. Make certain the step rests firmly on pool floor & is pulled tight against the pool deck or pool top rail to minimize the gap between step & pool wall (see 7.2). Secure all flanges to deck surface using the 1" screws provided (see 7.4-7.6). Drill through the center of rear flanges & handrail and secure using a 3/4" bolt, washer both and nut (see 7.5). Repeat for both flanges. Make certain step is secure before using. Step is to be removed when winterizing your pool. Review all instructions for proper use with all individuals using this product

VISIT OUR WEBSITE FOR PRODUCT WARRANTY REGISTRATION, OPTIONAL ACCESSORIES AND ALL REPLACEMENT PARTS



Step 1 - Identify Hardware & Parts Required



1/4 x 3/4 bolts
washers & nuts



3/16 x 3 bolts
washers & nuts



#14 Screws

MEASUREMENT
GUIDE

	3/4"
	1"



3/16 & 1/4 drill bit
& drill



Rear flanges



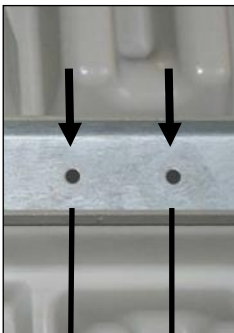
Front flanges



Rear flange base plates

Step 2 - Determine desired location of in-pool step

Your Model FD pool deck has two possible locations for the placement of the IN24 in-pool step (see 2.1). The in-pool step can be positioned on either the left or right square deck panel. Choose the location for your in-pool step. The steel support frames have crossmembers with holes in them designed to align with the rear deck mount flanges (bolt holes) (see 2.2). From the bottom / underside of the deck drill a 3/16" hole through these holes in the support crossmember, up through the resin deck floor panel(s). **IMPORTANT: MAKE CERTAIN TO DRILL PERFECTLY STRAIGHT TO ALIGN PROPERLY WITH BOLT HOLES IN REAR FLANGE** (see 2.2 - 2.3).



X"

2.3



DRILL



X"



**CAUTION WHEN USING POWER
TOOLS AROUND WATER**



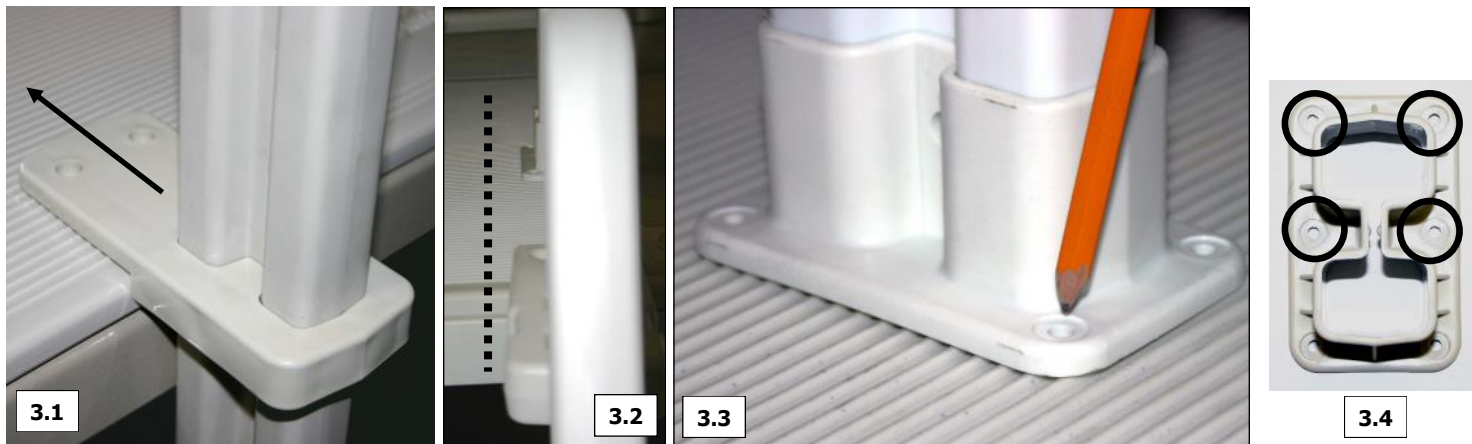
TAPE MEASURE



PENCIL

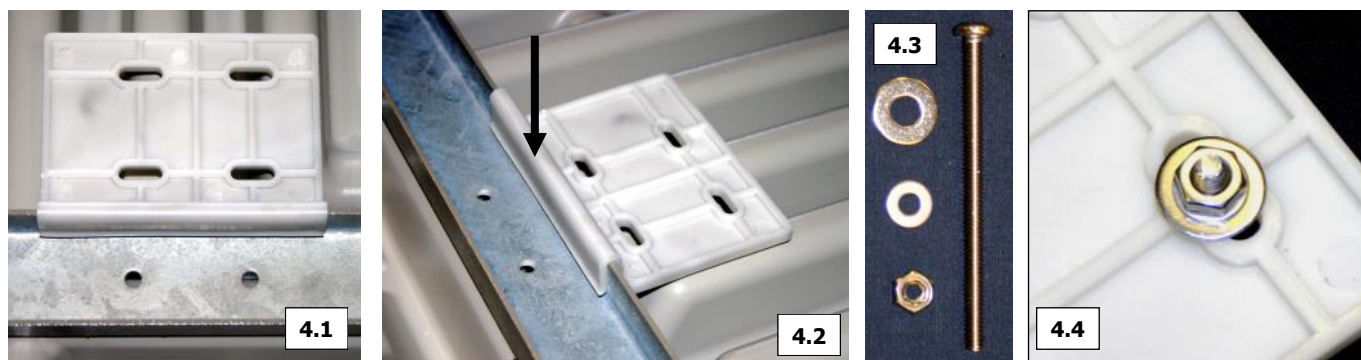
Step 3 - Fit & position rear flanges on deck surface

Continued from Step 7 of In-Pool instruction (previous pages), with front and rear flanges fit onto handrails, make certain step in pulled tight against front face of deck and is resting on bottom of pool (see 3.1). Align front and rear flanges so they are in-line with one another (see 3.2) and both sets of upper handrails are perfectly parallel (distance equal between - front & back). With a pencil, mark the four fastener holes remaining for the rear flange on the deck surface / four furthest away from pool (see 3.3 & 3.4). Repeat for both rear flanges. Once bolt holes marked on deck surface, move assembled step aside. Using a 3/16" drill bit and holding the drill perfectly plumb, drill through the deck platform. Repeat for both rear flanges.



Step 4 - Position rear flange base plates & secure

Position & fit rear flange base plates on bottom of deck surface / platform (see 4.1 & 4.2). The base plate fits snug over the steel crossmember of the support frame. Slide side to side to align drill holes for rear flanges. Using the 3/16 x 3" bolts, double washer size and nuts provided secure rear flanges through the deck surface and through the base plate. You will need to use a double washer for secure fit through base plate (see 4.3 & 4.4) - large washer, small washer, then nut.



Step 5 - Secure front & rear flanges

Pull step tight to front face of deck and realign flanges and handrails (as in 3.1 & 3.2 above). Once perfectly positioned and in line, with pool step firmly on pool floor, pre-drill front flange holes into resin deck platform (see 5.1). Using the #14 x 3/4 screws provided, secure front flanges to deck platform. Make certain not to overtighten hardware as plastic may strip. With upper handrails firmly within rear flanges and touching deck surface, predrill through rear flange and handrail using a 1/4" bit. Secure handrail within rear flange using the 1/4 x 3/4 bolt, washer and nut provided (see 5.2). Tighten hardware.





MODEL G2D GROUND TO DECK STEP ENTRY (For Deck Kit Models SD-RD-FD)



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.

TOOLS REQUIRED: 7/16" socket, wrench or nut driver, measuring tape, Phillips (star) screwdriver, drill & 1/8" & 1/4" drill bits

SAFETY INSTRUCTIONS & PROPER USE

- This pool step system has a 300 lb load capacity - one person - when properly installed
- This entry system is designed & intended for use with our resin pool decks only - Models SD, RD or FD
- Your above ground pool has shallow water - absolutely **NO DIVING** or **NO JUMPING** from deck into pool
- This product conform to the latest revisions of the ICC-ISPSC / ANSI / PHTA recommended code requirements for above ground on ground swimming pool ladders / steps & entry systems
- For entry & exit of the pool & deck, face step at all times
- This system is designed for use by one person at all times
- The entry **MUST** be used with the gate attached & fully functional at all times. Ensure gate is locked when the pool is not in use
- Locate entry system on a solid base for greater stability
- Secure entry system to deck for stability and safety
- Keep handrails and treads free from obstructions to avoid possible injury. Do not secure any items to the entry / step system. Such objects may create a potential for tripping
- **NEVER ALLOW CHILDREN TO SWIM UNATTENDED** - Nothing replaces parental supervision
- Assemble and install this deck entry system as per the manufacturer's instructions. Do not deviate from these instructions - **PLEASE ALWAYS SWIM SAFELY!**

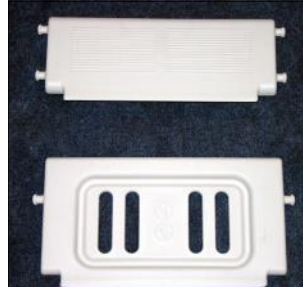
ASSEMBLY & INSTALLATION



Stringers - 1 Left & 1 Right



Tread-Riser - 3 pcs



Top Tread - 1 pc
Bottom Riser - 1 pc



Lower Handrails
1-Right & 1-Left

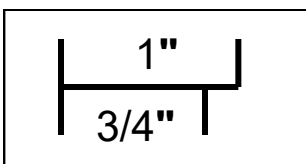


Upper Handrails
1-Right & 1-Left

Step 1

Identify Parts

Hardware
Measurement Guide



Half
Top
Platform
1 pc

Hardware &
Instruction Included

This G2D Ground to Deck entry is to be used with either the Model SD - RD - FD Resin Deck Kits. The gate for this entry (Model GP) is packaged in a separate carton. **DO NOT** use entry without gate attached and functioning properly

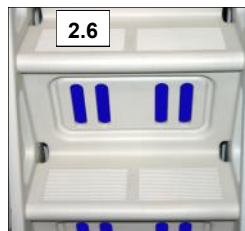
Make certain to familiarize yourself with all parts before starting assembly of your entry system. If you notice any parts damaged or missing, please contact our customer service staff for assistance 877-VINYL WK

Step 2

Fit Treads, Risers & Stringers

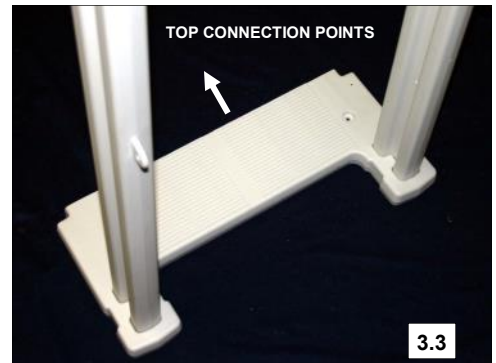
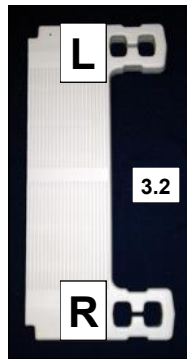
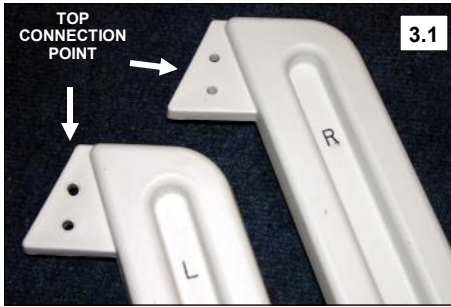


Lay stringer on flat surface with indentations to accept treads/risers facing up (as shown above in "Parts"). Fit single bottom riser, with warning signs facing forward, into bottom indentation (2.1) and snap into place making certain the button lock tab of the riser passes through hole in stringer. Fit top tread, with anti-skid surface facing upwards, into top indentation (2.2) and snap into place. Fold tread-riser and fit into indentations above single riser (2.3). Make certain when folding that the anti-skid surface is facing upwards (2.6). Repeat for remaining two tread-risers (2.4) making certain all button lock tabs protrude and lock in place (2.7). Place opposite stringer on top of treads-risers (2.5) aligning indentations in stringer and button lock tabs with holes in stringer. Snap stringer in place locking all tabs.

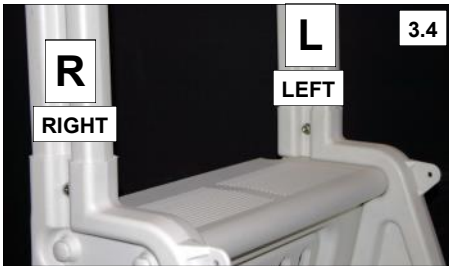


VINYL WORKS CANADA
www.vinylworkscanada.com
SWIM SAFELY & NEVER SWIM ALONE

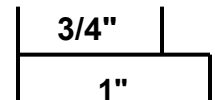
Step 3 - Attach Upper Handrails & Platform



Identify the RIGHT (R) & LEFT (L) upper handrails as shown in 3.1. With the anti-skid surface of the half platform facing upward, fit the upper handrails through as shown in 3.2 & 3.3 above. Make certain the RIGHT & LEFT are placed in the appropriate holes as indicated. Also, make certain the top connection point is towards the straight edge of platform (See 3.1 & 3.3). Slide the platform up the handrails approximately 8". Fit the ends of the upper handrails into the step unit as indicated in 3.4. Make certain the handrails go all the way into stringers. Secure using 3/4" bolt, washer and nut AFTER lower handrails are attached



MEASUREMENT GUIDE FOR HARDWARE



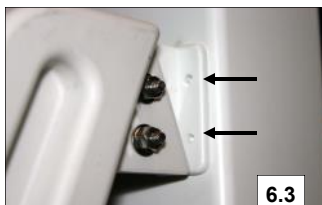
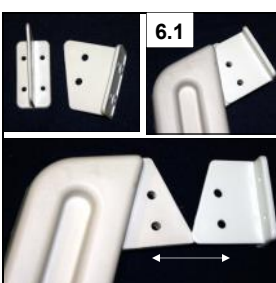
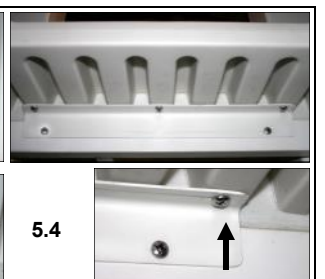
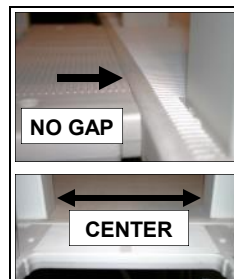
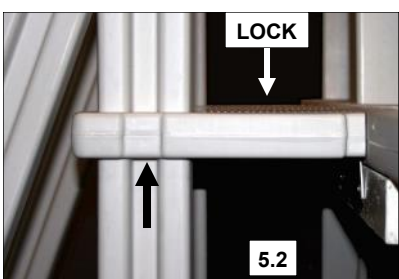
Step 4 Attach Lower Handrails

Identify & separate the RIGHT (R) & LEFT (L) lower handrails (see 4.1). Facing step system as to climb, align RIGHT (R) handrail to right side of step (see 4.2). Make certain handrail is on the inside of three tabs of stringer and inside of tab on upper handrail (see 4.3). When on the inside of tab on upper handrail, the upper & lower handrails will be perfectly in line (see 4.4). Align holes and fasten using a 5/8" bolt, washer & nut at all four locations. Tighten hardware. Similarly, align left handrail on the inside of tabs of left stringer and upper handrail (see 4.5). Align holes and fasten using a 5/8" bolt, washer both & nut for all four locations. Tighten hardware. You will notice that the left handrail has holes in it (see 4.6) - these are used for attaching the gate to the step unit in a later procedure (see 6.5 below - GP Gate Package).



Step 5 - Position Entry, Level & Secure Top Platform

Position entry against deck at post opening (see 5.1). Level half platform (up & down) to match top surface of pool deck (see 5.2). With a pencil, mark pin location as outlined by black arrow in 5.2. Using a 1/4" drill bit, drill a hole through upper handrail and insert pin equidistant on both sides of handrail (see 5.3). Repeat for both handrails & pins. Snap & lock half platform in place by pushing down on platform (see LOCK in 5.2). Center the platform in deck opening (between posts) and make certain there is no gap between platform and deck (see 5.4). From the underside of the half platform, mark & drill 1/8" holes at three hole locations in platform support. Secure in place using three #14 x 3/4" screws provided with DECK hardware (see 5.4) Make certain hardware is tight but do not over tighten as it may strip hole for screws



Step 6 - Secure Upper Handrails to Deck

Locate the handrail connector brackets packaged with the deck. Attach brackets to the OUTSIDE of both handrails using two 1" bolts, washer both sides & nuts as outlined in 6.1 & 6.2 (only finger tight as you may need to remove them). Position bracket at edge of deck post & mark hole locations (see 6.3). Pre-drill holes in deck post using 1/8" drill bit. Secure brackets & handrails to deck posts (see 6.4) using #10 x 1" screws packaged with deck hardware. Make certain all hardware is tight. When complete, go to GATE PACKAGE (GP). See instructions & hardware packaged within. **DO NOT** use entry without gate installed & functioning properly (see 6.5). **GO TO GATE BOX - GATE PACKAGE (5 of 5)**





MODEL GP - GATE PACKAGE

for models AF - CE - SC - G2D

Pool Entry Systems & Deck Kits



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. **SWIM RESPONSIBLY & SAFELY!**

TOOLS REQUIRED: 7/16" socket - nut driver, wrench or pliers, Phillips (star) screwdriver, pencil, 1/8" drill bit & drill + a pad lock for security when the pool is not in use

SAFETY INSTRUCTIONS & PROPER USE - ASSEMBLY & INSTALLATION

- These pool entry systems have a 300 lb load capacity - one person - when properly installed
- These entry systems are designed & intended for use with an above ground pool only (flat bottom)
- Your above ground pool has shallow water - absolutely **NO DIVING** or **NO JUMPING** into the pool
- This product conform to the latest revisions of the ICC-ISPSC / ANSI / PHTA recommended standards for above ground/on ground swimming pool ladders and gated entry systems
- For entry & exit of the pool, when climbing, face steps at all times. Use handrails for safe climbing
- These systems are designed for use by one person at all times
- These entry systems are designed with a protecting gate system - **NEVER** use system without gate attached & fully functional. When pool is not in use, make certain gate is securely closed, latched & locked to prevent unwanted entry
- Locate entry system on a solid base and free from high traffic areas around the pool
- Secure entry system to top rail of pool for greater stability and safety
- Keep top platform and treads free from obstructions to avoid possible injury. Do not secure any items to the entry systems. Such objects (e.g. thermometers, play toys, ropes) may create a potential for tripping or entrapment
- **NEVER ALLOW CHILDREN TO SWIM UNATTENDED** - Nothing replaces parental supervision
- Install this gate for pool entry system as per the manufacturer's instructions. Do not deviate from these instructions

IDENTIFY PARTS



Outer Hinge
(2 pcs)
(large)



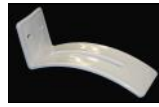
Inner Hinge
(2 pcs)
(small)



Gate - 1 pc

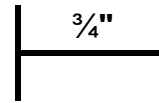


Gate Stop - 1 pc

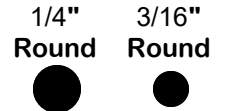


Latch Shield - 1 pc

The gate & gate components are packaged different for different units - make certain you have all appropriate cartons and parts to complete your chosen pool entry system or deck assembly & installation (Model AF - CE or G2D used with SD & FD decks). Familiarize yourself with all parts and read instructions before starting assembly & installation. If you notice any parts damaged or missing please contact our customer service department for assistance @ 877-VINYL WK.



Measurement Guide



POSITION HINGES & GATE STOP



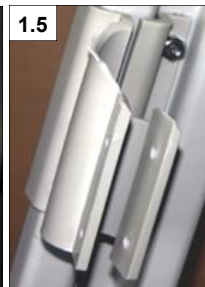
1.2



1.3



1.4



1.5

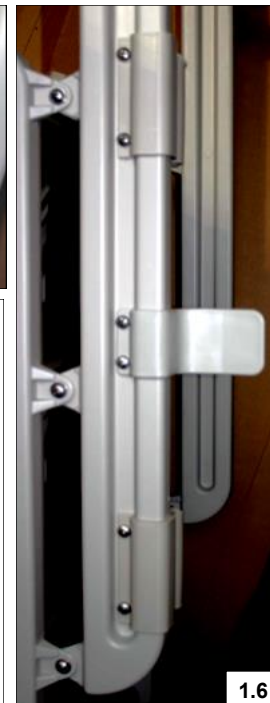


1.1



1.3-1

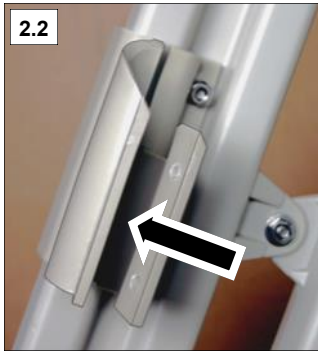
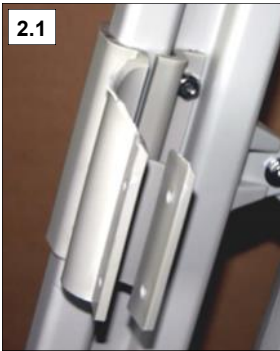
The LEFT lower handrail on the exterior portion of the entry has holes to accept the hinges & gate stop (see 1.1 & 1.2). Begin by securing the gate stop in place. Fit the stop on the outside face of the handrail over the center two holes - it is form fitting (see 1.3). Secure using two 1/4 x 3/4" bolts, washers on inside & nuts. Tighten hardware. Through front face of gate stop and into handrail, secure additional using a #10 x 3/4 screw (see 1.3-1). Fit the outer hinges in place around handrail. Likewise, they are form fitting and will snap around handrail (see 1.4). The inner hinge fits on the inside of handrail and aligns with the large on the outside. Use two 1/4 x 3/4" bolts, washers & nuts on the inside face and secure LOOSELY in the back two holes, only FINGER TIGHT (see 1.5-1.7). See 1.6 & 1.7 for proper placement of parts



1.6

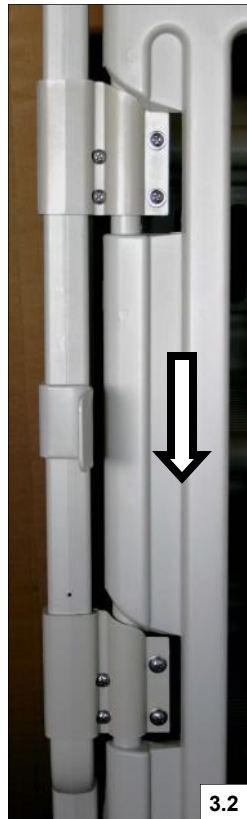
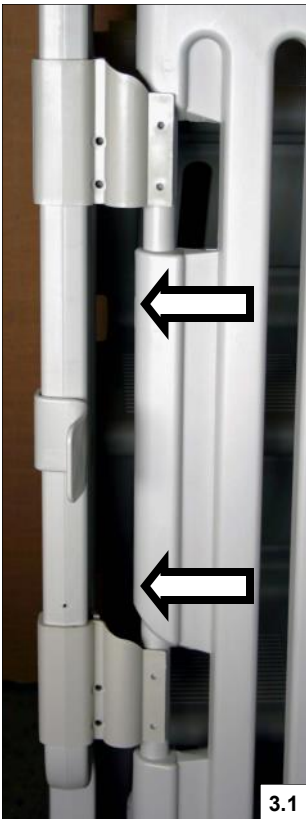


1.7

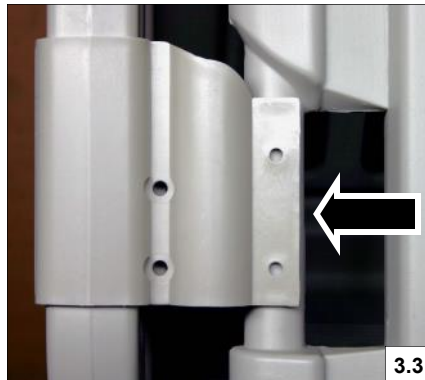


LEAVE HINGES LOOSE WITH GAP

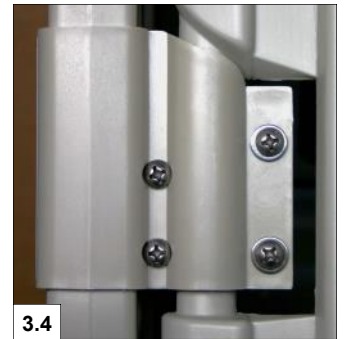
It is important to secure the hinge sets (inner & outer) loosely so there remains a "gap" between the parts. This gap allows you to fit the gate in place between the inner & outer hinge pairs; both top & bottom (see 2.1 - 2.3)



FIT & SECURE GATE

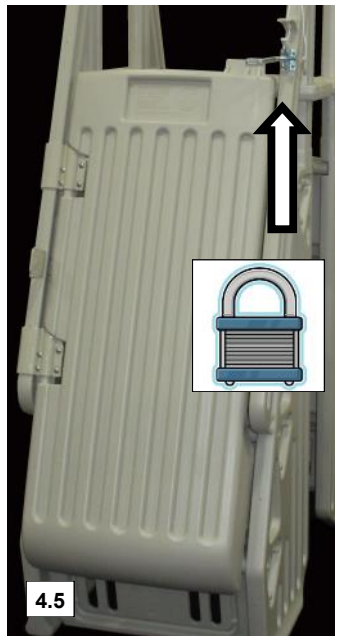
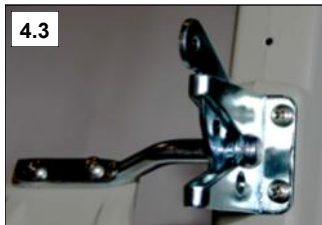
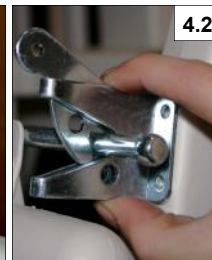


Gently pry open gate hinge sets & fit gate between the inner & outer hinge parts (3.1-3.3). The "round" posts of the gate will fit through the gap of the hinges (outlined in details above). Secure gate hinges using the remaining 1/4 x 3/4 bolts, washers & nuts. Note that the center holes only require the bolt & nut (no washers will fit). Use washers on both sides for the remaining hardware positions (3.4). Tighten all hardware & make certain gate opens and closes smoothly.



ATTACH GATE LATCH-STRIKER-SHIELD

Before attaching striker & latch, be sure gate is closed and pushed DOWN within hinge sets (see 3.2 above). Attach striker to gate (see 4.1). Striker is to be outside of gate, angled appropriately. Secure with 3/16 x 3/4" bolts, washers inside & nuts. Tighten hardware. With gate closed, down entirely, & striker in latch (see 4.2), position latch in the center of handrail and mark holes with pencil. Make certain striker is centered in latch correctly & latch is closed (see 4.2 & 4.3). Pre-drill 1/8" holes & secure using #10 x 3/4" screws (see 4.4). **DO NOT** over tighten screws as plastic may strip. Test gate to be sure it operates properly. Complete gate latch shield assembly. **LOCK GATE WHEN POOL IS NOT IN USE (4.5)**



877-VINYL WK

www.vinylworkscanada.com



Recycle Responsibly

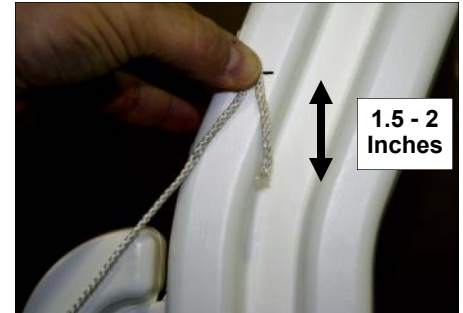
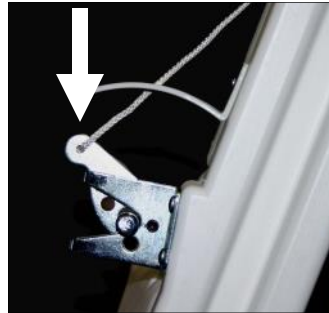
NOTHING REPLACES PARENTAL SUPERVISION

GATE LATCH SHIELD FOR MODEL # CE-AF-G2D ENTRY SYSTEMS

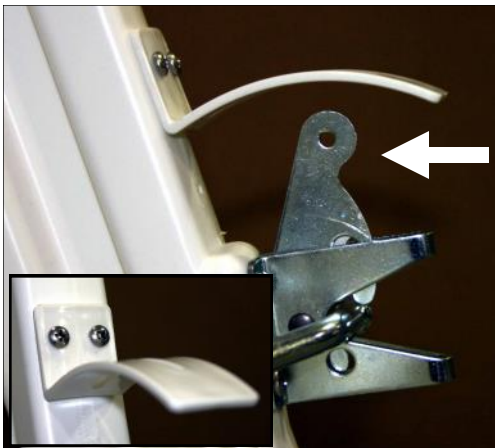
MAKE CERTAIN TO READ & FOLLOW ALL INSTRUCTIONS CAREFULLY



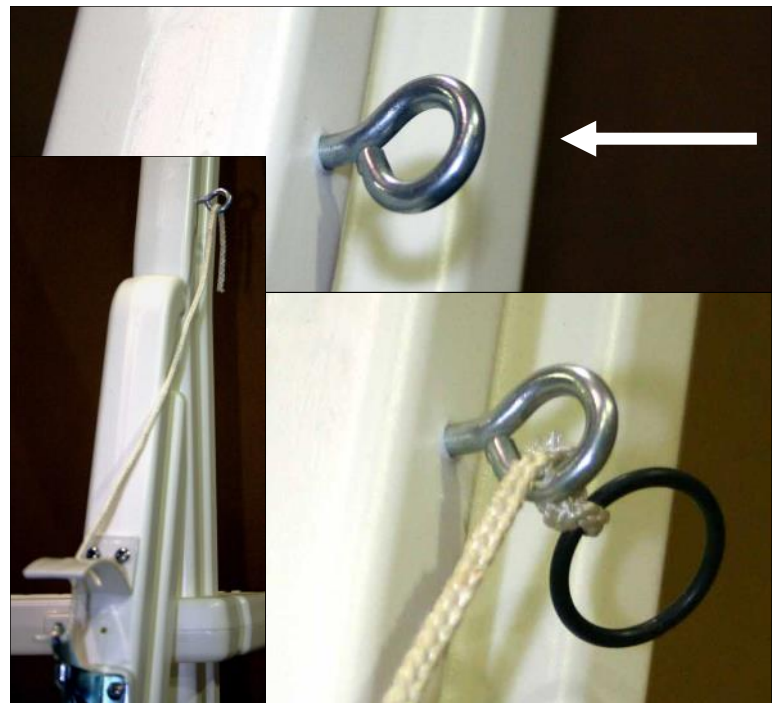
Step 1: Identify all parts



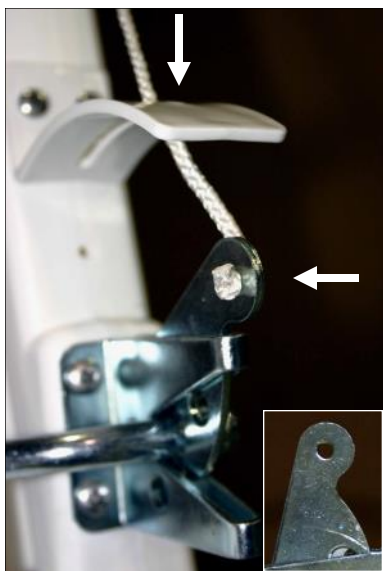
Step 4: Make sure gate latch catch is in down / locked position over striker bar. Extend string upwards to outside face of upper handrail & fold end approx. 1.5 - 2 inches. Mark handrail at fold in string for location of eye screw (see also Step 5 below)



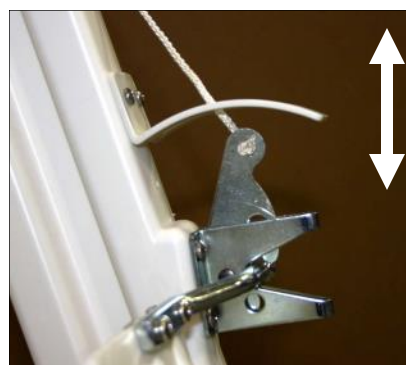
Step 2: Position latch shield above gate latch & check that latch has room to operate properly. Center shield & secure with 2 - #10 x 3/4 screws provided



Step 5: Screw the eye screw into the outside of the upper handrail at the mark. Do not over-tighten. Pass end of rope through eye screw & tie knot tightly around finger ring



Step 3: Pass end of rope through slot in latch shield and through hole in gate latch. Tie end of rope into a knot so pulling rope will operate gate latch



**MAKE CERTAIN
GATE REMAINS
CLOSED & LOCKED
WHEN POOL IS NOT
IN USE. REVIEW
PROPER USE OF
ENTRY & GATE
WITH ALL USERS OF
THE POOL**

Step 6: Pull finger ring numerous times to check for proper gate latch operation. It is extremely important that gate latch closes properly & freely over striker bar. Secure with lock

