

INTER-FAB

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THE CITY 2 SLIDE™

Assembly & Installation Instructions

NEW!
2 PIECE FLUME
DESIGN

IMPORTANT
These
instructions
must remain
with the
slide owner!

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INTENDED USE INSTRUCTIONS

1. Everyone who uses this slide must know, understand and follow these instructions.
2. The 1999 ANSI/NSPI 4 standard for above ground pools prohibits the use of slides or diving boards on above ground pools.
3. This slide is designed for residential inground pool use only. This slide may not be used on any above ground pool. Such use of this slide may result in serious injury or death.
4. This slide should never be installed on above ground pools, ponds, floating docks or platforms, boat docks or houseboats or any natural body of water.
5. This slide should never be installed on any commercial, public or semi-public pool.
6. Be familiar with the shape and depth of the pool before you slide. This slide should only be used with the proper water safety envelope, as described in Diagrams A, B, and C on page 3 and in accordance with the slide positioning instructions, as described in Diagrams D and E on page 4.
7. Because the slide may only be used in water 4' deep or greater, all slide users must be able to swim in deep water.
8. Weight limit for this slide is 225 pounds, no slider weighing more than 225 pounds may use this slide.
9. The surface of the slide is very slippery when wet; **USE CAUTION** when entering the slide and when transitioning from standing to sitting.
10. Slide in a feet first sitting position **ONLY**.
11. **IMPORTANT:** sliding headfirst is prohibited: serious spinal injury resulting in paralysis or death can result.
12. Maintain adult supervision at all times.
13. Only one person at a time is allowed on the slide; this includes the ladder.
14. Be sure the water delivery system is on and lubricating the slide prior to use.
15. Collision with another swimmer or a diver can result in serious injury or death for one or both persons: Before sliding, always make sure that the path in front of the slide is free from any (including submerged) obstructions, including other people or objects in the pool such as rafts, inner tubes etc. When a diving board is also present, make sure you do not use the slide while someone is on or using a diving board. Take turns.
16. No roughhousing or horseplay should be allowed on the slide at any time.
17. Do not stand, jump or dive from any part of the slide.
18. Do not slide on objects such as rafts or inner tubes. doing so greatly increases your risk of injury.
19. Do not slide through or at objects such as rafts or inner tubes, doing so greatly increases your risk of injury.
20. Do not use this slide if physically impaired or handicapped without your doctor's permission.
21. Do not use this slide with a history of heart conditions, seizures, back problems, fainting or fear of heights.
22. Do NOT use this slide if you are pregnant.
23. Do not drink alcohol and use this slide.
24. Don't take chances, inspect the slide at least once a year (see the slide inspection list on page 9). Do not use the slide if any part becomes loose, damaged, weakened or broken. If necessary, before using the slide again, have it inspected and repaired by a competent professional familiar with pool slides.

WARNING: SERIOUS INJURY OR DEATH CAN RESULT FROM THE IMPROPER INSTALLATION OR USE OF THIS SLIDE.



When installed according to these instructions, this slide conforms to Consumer Product Safety Standard Guidelines.

WATER SAFETY ENVELOPE:

A minimum water depth of three feet (3') under the exit of the slide which increases to a depth of four feet (4') at point A which is located four feet six inches (4'6") from the back wall of the pool. A minimum depth of four feet (4') must be maintained at a distance of nine feet (9') along the centerline of the slide from point A. The above described water depth profile shall extend a minimum of three feet three inches (3'3") on either side of the centerline of the slide.

(See Diagrams A, B & C)

DIAGRAM A

(NOT TO SCALE)

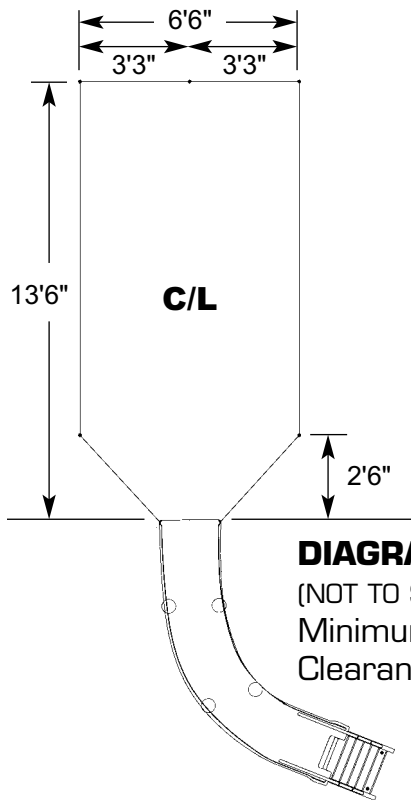
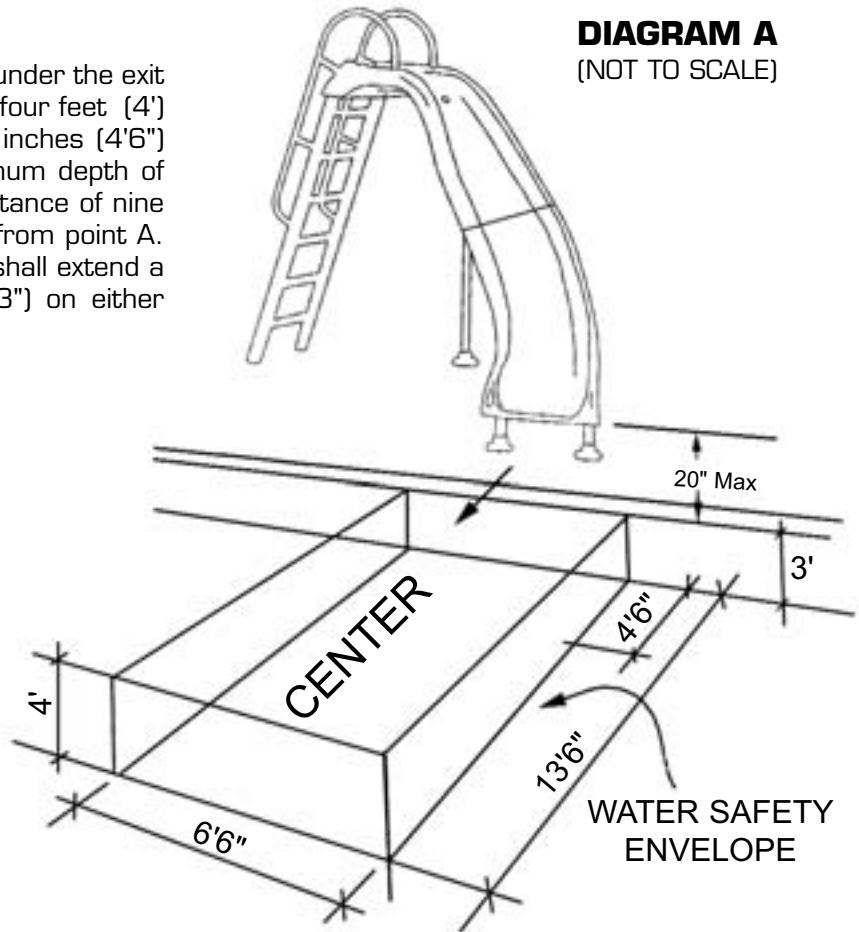


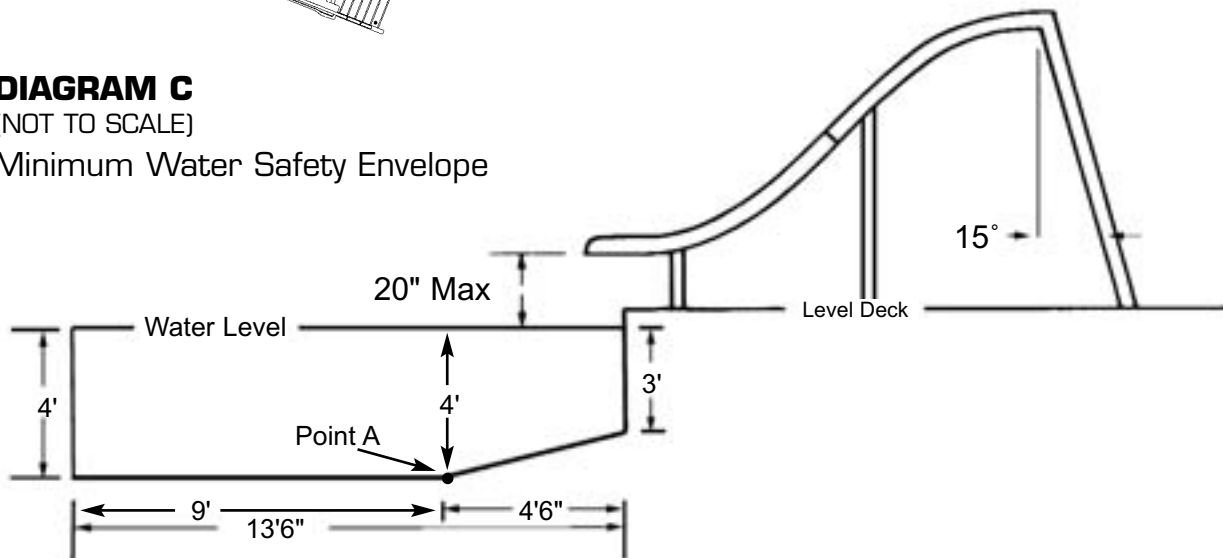
DIAGRAM B

(NOT TO SCALE)
Minimum Slide
Clearance Area

DIAGRAM C

(NOT TO SCALE)

Minimum Water Safety Envelope



SLIDE POSITIONING INSTRUCTIONS:

DIAGRAM D – RIGHT TURN SLIDE

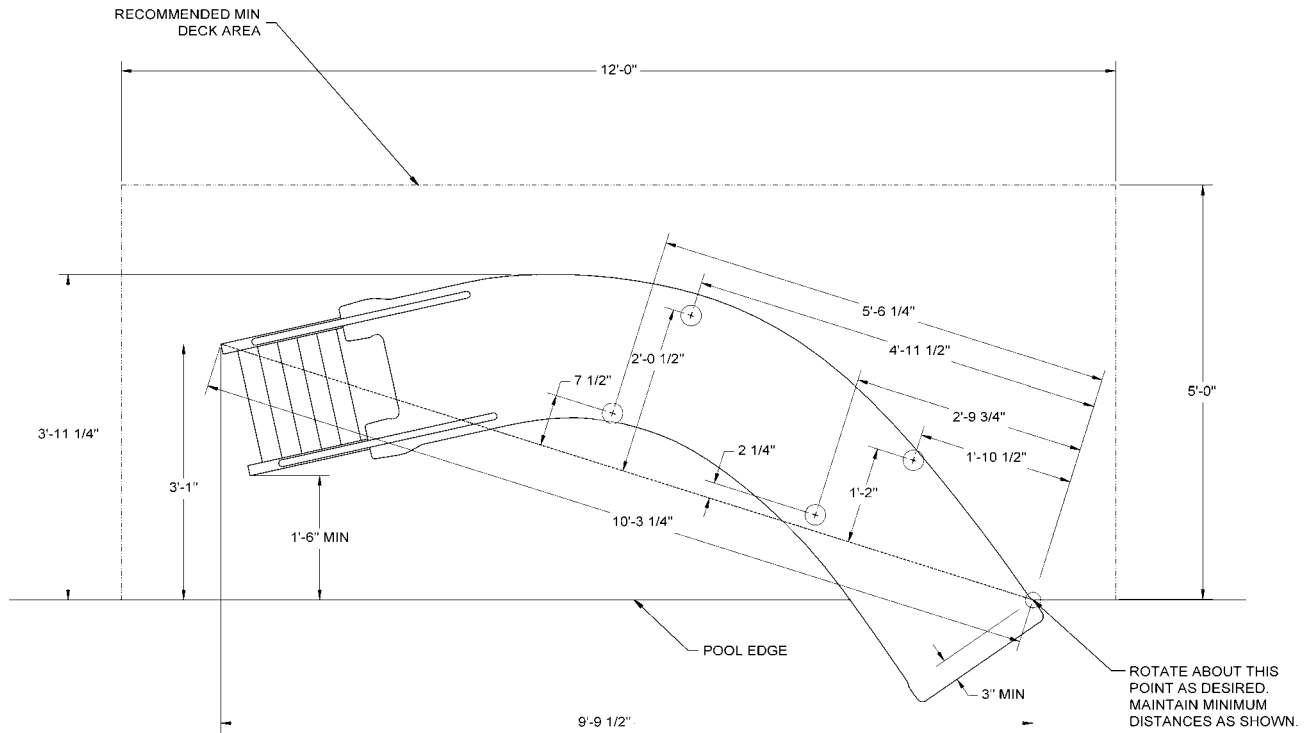
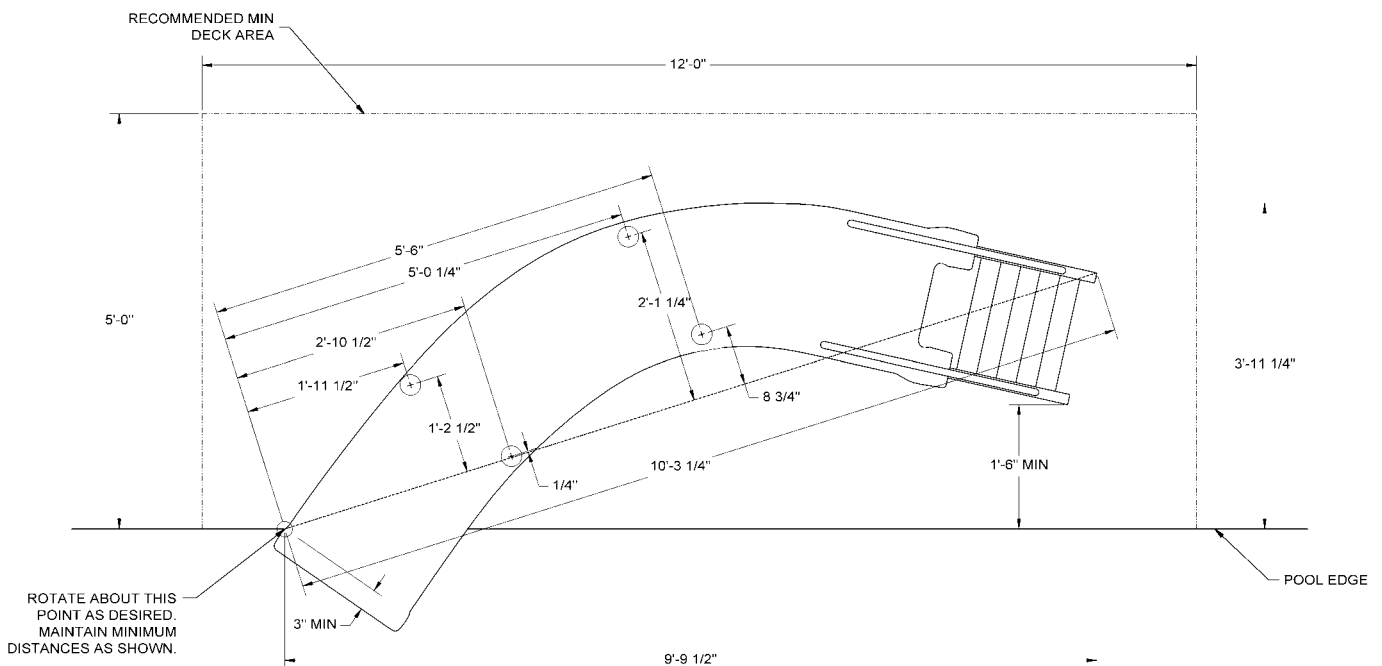


DIAGRAM E – LEFT TURN SLIDE



NOTE: FINAL POSITION MUST ENSURE THAT ALL WATER FALLING OFF SLIDE LANDS IN POOL. DIMENSIONS MAY VARY FROM SLIDE TO SLIDE. IT IS RECOMMENDED THAT THE FULLY ASSEMBLED SLIDE BE USED AS A TEMPLATE FOR INSTALLATION.

STEP ONE:

FLUME ASSEMBLY

Open box and remove slide components and parts pack.

Flatten box and use it as a protective surface to avoid scratching the acrylic parts.

Turn flume sections upside down, check flume gasket integrity. (Diagram F)

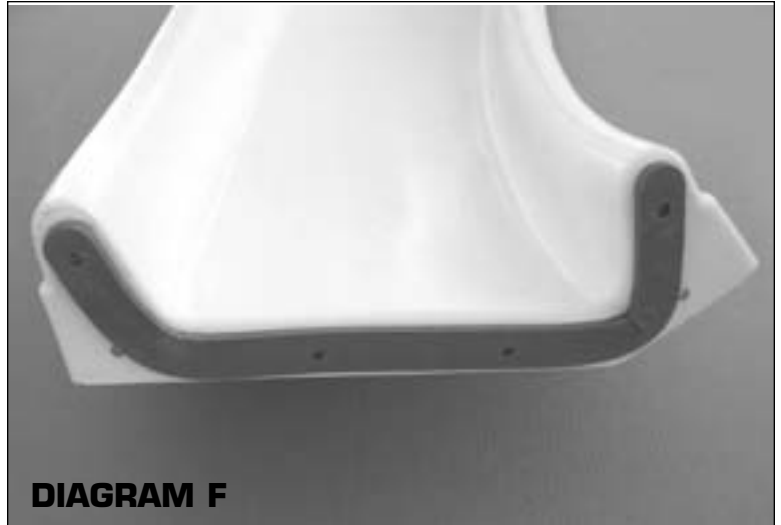


DIAGRAM F

Align bolt holes on the flanges.

Use vice grips to hold halves together. (Diagram G)



DIAGRAM G

Use a small dab of anti seize lubricant (included) on the bolt threads.

Insert bolts – hardware kit CS-102-SS, flume to flume. (Diagram H)

NOTE: (Hardware Order: bolts/washers, slide flange/slide flange, washers/nuts.) Check flume at inside seam for even fit.

HAND TIGHTEN ONLY.



DIAGRAM H

STEP 1

Pre-assemble wedge, round-to-flat connector and carriage bolt as shown.



STEP 2

Insert assembly into handrails as shown, until shoulder portion of connector seats against end of tubing, tap connector into place if needed.



STEP 3

Hold connector tight inside handrail, then pull bolt away from handrail to lock wedge into anchor.



STEP 4

Remove carriage bolt and repeat steps 1-3 for each end of both handrails.



DIAGRAM I (NOT TO SCALE)

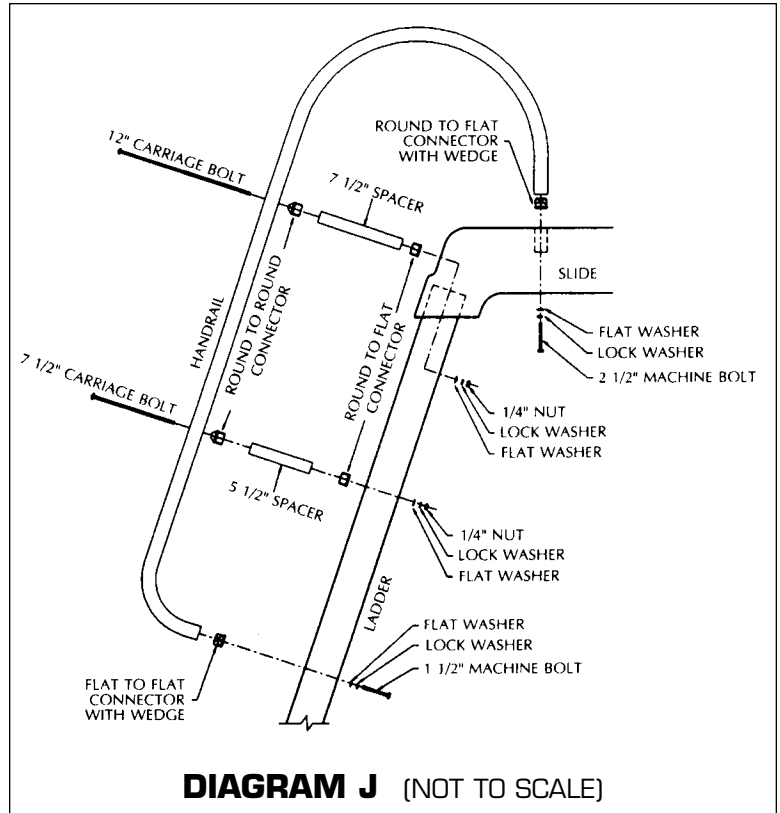


DIAGRAM J (NOT TO SCALE)

INSTALLATION MUST MEET ALL NATIONAL & LOCAL BUILDING CODES

STEP TWO:

Handrail Pre-Assembly Procedure

1. Pre-assembled wedge, round to flat connector and carriage bolt as shown in Diagram I above.
2. Insert the assembly from 1 above into the handrail as shown in the Diagram above by sliding a round to flat connector into the handrail opening until the Shoulder portion of the connector seats against the end of the tubing. The Connector may have to be tapped into place.
3. With one hand hold the connector tight inside the handrail while pulling the carriage bolt away from the handrail locking the wedge into the connector.
4. Remove the carriage bolts.
5. Repeat steps 1 through 4 on each end of both handrails.
6. Assemble the handrails to the slide as shown in Diagram J.

STEP THREE:

Slide Assembly Procedure

1. Slip the four (4) aluminum legs over the four (4) aluminum projections on the underside of the slide.
2. Holding the slide at its normal height insert the top of the ladder (squared end) snugly into the mating slots on the underside of the slide. See Diagram J above.
3. Insert a handrail into the 1 1/16" (2.56 cm) diameter hole on the top of the slide runway, at the same time ensure the predrilled holes in both the handrail and ladder are aligned. See Diagram J above. Install one 7 1/2" (19 cm) aluminum spacer between the top set of predrilled holes and secure with a 1/4" x 12" (.64 x 30.5 cm) bolt, flat washer, lock washer, and 1/4" (.64 cm) nut. Repeat this process for the second set of holes from the top utilizing the 5 1/2" spacer and secure with 1/4" x 7 1/2" (.64 x 19 cm) bolt. Secure the bottom of the handrail with a 1/4" x 1 1/2" (.64 x 3.8 cm) hex head bolt.
4. Repeat 1 through 3 for the other handrail.
5. Align flume sections and tighten flume bolts that were "hand tightened" only in step one. Place protective caps on bolt heads and nuts.

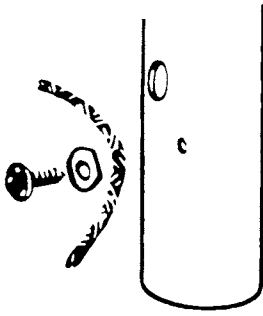


DIAGRAM K

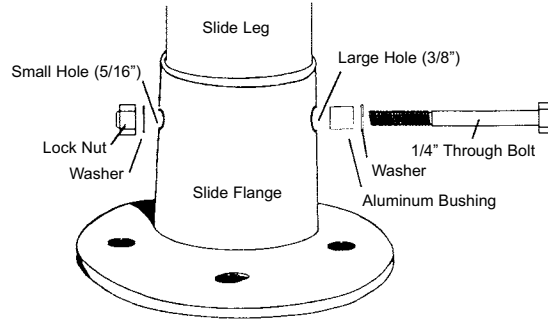


DIAGRAM L

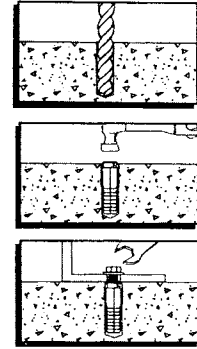


DIAGRAM M

ELECTRICAL BONDING: Electrical bonding is required and slide must be installed in accordance with your local code. Bond each tubular leg by placing a bonding wire between the leg and the bonding washer and secure with a self tapping screw. See Diagram K above. Bond the handrails by placing the bonding wire under the lowest washer & nut on each side of the ladder and run the bonding wires down the inside of each ladder leg.

STEP FOUR (A):

INSTALLING SLIDE PRIOR TO POURING DECK

Position the slide relative to the pool wall per the slide placement instructions shown in Diagrams D and E, ensuring that the minimum water safety envelope is maintained as shown in Diagrams A, B & C. Position slide so that the legs and ladder bottoms will be 4" (10 cm) below the finished grade.

Utilizing a 1/2" diameter drill enlarge the holes at the bottom of each slide leg and insert a 6" length of 3/8" diameter rebar through each hole.

Once the correct slide location has been determined install a 1/2" (stub-up) from the pool return. The stub-up should be located near the inside right side ladder leg, at least 2" in front of ladder towards pool. Installing a 3 way valve between the stub-up and the slide plumbing is suggested.

Level top surface of the slide exit runway. Level the top of the slide in both directions. Level the ladder using a level on any step. Ensure that the ladder is sloped 15 degrees from vertical (see Diagram C) then, should no vertical adjustment of the slide legs be required, drill a small pilot hole, then screw one 14 X 1 self tapping screw through each leg (approx. 1" below the top of the leg) into the leg spud; otherwise, move the legs in relation to the spuds until proper leveling is obtained before inserting the screws.

Secure the slide so it will not move while the deck is being poured. TIP: to allow for easy removal of concrete from the ladder and legs apply a heavy coat of wax or wax paper approximately 1 foot above the deck surface. Allow concrete to cure for 24 hours prior to using the slide.

NOTE: YOU WILL CHOOSE TO EITHER FOLLOW STEP FOUR A OR B DEPENDING ON WHETHER THE SLIDE WILL BE AN IN-DECK OR ON-DECK INSTALLATION. INTER-FAB CANNOT/DOES NOT GUARANTEE THE CUSTOMER'S CONCRETE DECK.

STEP FOUR (B):

INSTALLING SLIDE USING DECK FLANGES (sold separately)

Position the slide relative to the pool wall per the slide placement instructions shown in Diagrams D and E, ensuring that the minimum water safety envelope is maintained as shown in Diagrams A, B & C.

Once the slide is properly positioned, place a deck anchor over each slide leg and using the 4 holes on each flange as a template drill four 1/2" diameter holes into the deck to a depth of 2 1/2". Insert the anchor into the hole until it is flush with the surface. Position the flange, insert the lag bolt and tighten. (see Diagram L & M above)

Ensure that the ladder is sloped 15 degrees from vertical (see Diagram C) then, using the 2 holes on each ladder foot as a template drill 1/4" holes 2" (5 cm) deep. Drive 2 anchor stud bolts into the ladder leg positions so that 1/2" (1.3 cm) of the studs project above the deck and unscrew the nuts from the anchors. Place the slide so the legs drop into the deck anchors and the ladder legs locate over the stud anchors, secure the ladder leg nuts onto the anchors.

Once the slide legs are within the deck flanges (ignoring the existing holes in the slide legs) drill a 1/4" hole into the slide leg through the center of the large 3/8" hole in the deck flange. Insert the aluminum bushing into the hole in the flange until it hits the slide leg, now insert the bolt thru the bushing about 1" into the slide leg. With the bolt in position, drill a 1/4" hole into the slide leg thru the hole in the opposite side of the flange. Push the bolt completely thru the slide leg, add washer and tighten nut.

Level top surface of the slide exit runway. Level the top of the slide in both directions. Level the ladder using a level on any step. Should no vertical adjustment of the slide legs be required, drill a small pilot hole, then screw one 14 x 1 self tapping screw through each leg (approx. 1" below the top of the leg) into the leg spud; otherwise, move the legs in relation to the spuds until proper leveling is obtained before inserting the screws.

STEP FIVE:

CONNECTING THE WATER SUPPLY

Feed the 1/2" diameter flex hose (provided) through the slots on the right side of the slide ladder. (Diagram N)



DIAGRAM N

Use PVC primer and glue to attach the feed hose to the slide fitting. (Diagram O)



DIAGRAM O

Attach ball valve shut off near deck "stub up". (Diagram P)

Attach hose to deck "stub up" last.

NOTE: Make sure that the water stub up is at least 2" in front of the ladder (toward pool).

Water Supply Includes: 10' of 1/2" flex PVC pipe, 1/2" on/off ball valve. For best results, use clear glue and primer for plumbing installation.



DIAGRAM P

FINAL INSPECTION CHECK LIST:

1. INSPECT THE SLIDE FLUMES FOR ANY VISIBLE DAMAGE, CRACKS, OR TEARS.
2. INSPECT THE SLIDE FOR SHARP EDGES, CRACKS, TEARS OR PROTRUSIONS ON THE LADDER, DECK FLANGES, HANDRAILS AND SLIDE FLUMES.
3. INSPECT THE SLIDE FOR ANY LOOSE OR CORRODED HARDWARE.
4. INSPECT ALL SLIDE LADDER TREADS AND STEP ATTACHMENT POINTS FOR ANY SIGN OF BENDING, FATIGUE, SHEARING OR YIELD. A SURFACE OR LADDER TREAD SHOWING SIGNS OF YIELD IS INDICATED BY FINE CRACKING OR CRYSTALLIZATION.
5. INSPECT THE CONNECTION OF THE SLIDE HANDRAILS FOR SECURED FASTENING AND RIGIDITY. PROPERLY ATTACHED HANDRAILS CANNOT BE PULLED AWAY FROM THEIR SOCKETS OR CONNECTION POINTS.
6. MEASURE THE DEPTH OF THE WATER IN FRONT OF THE SLIDE EXIT AND CONFIRM COMPLIANCE WITH DIAGRAMS A, B & C.
7. CERTIFY THE PROPER POSITION OF THE SLIDE EXIT AS SHOWN IN DIAGRAMS D & E.
8. VERIFY THE SLIDE WARNING LABEL IS SECURELY ADHERED TO THE SLIDE.
9. GIVE THESE INSTALLATION INSTRUCTIONS TO THE CUSTOMER AND GO OVER THE **INTENDED USE INSTRUCTIONS** WITH THEM.

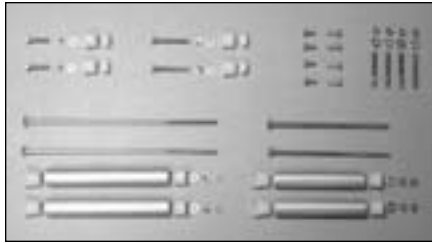
CITY 2 SLIDE™ CARE & MAINTENANCE:

Your slide requires periodic maintenance to keep it looking like new.

- Wash monthly or more frequently, if needed. Be careful to keep cleaning material from entering the pool.
- Wash with mild soap, such as hand dishwashing soap, and avoid using strong cleaners or abrasives. Avoid strong alkaline (such as tri-sodium phosphate) or highly acidic cleaners. Avoid bleach and ammonia.

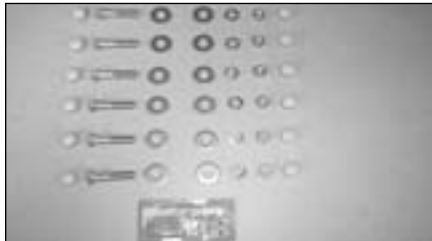
*** These suggestions and data based on information believed to be reliable, from our raw materials manufacturers. They are offered in good faith, but without guarantee, as conditions and methods of use and procedures are beyond our control.**

PARTS LIST:



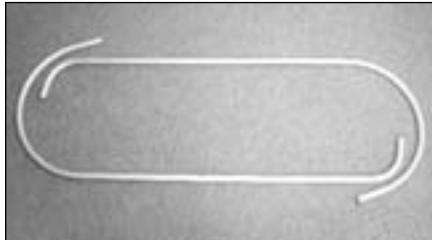
CS-101-SS – LEG AND HANDRAIL HARDWARE

QTY	COMPONENT DESCRIPTION	
2	1/4" x 12" carriage bolt s.s.	
2	1/4" x 7-1/2" carriage bolt s.s.	
8	1/4" finish nut s.s.	
8	1/4" lock washer s.s.	
8	1/4" flat washer s.s.	
8	#14 x 3/4" s.s. pan head screw	
2	1/4" x 1-1/4" tap bolt s.s.	
2	1/4" x 2-1/4" tap bolt s.s.	
2	1/4" x 2-1/4" wedge anchor s.s.	
8	round to flat nylon connector	
4	round to round nylon connector	
4	nylon wedge connector	
2	5-1/2" aluminum spacers	
2	7-1/2" aluminum spacers	



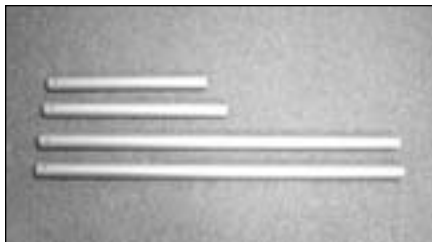
CS-102-SS – FLUME HARDWARE

QTY	PART NUMBER	COMPONENT DESCRIPTION
6	H-SS 3/8 X 1-3/4	3/8" x 1-3/4" all-thread bolt s.s.
12	H-SS 3/8 FLT WASHER	3/8" x 1" flat washer s.s.
6	H-SS 3/8 LOC WASHER	3/8" lock washer s.s.
6	H-SS 3/8 F NUT	3/8" finish nut s.s.
12	H-.562 X .390 CAP	gray protective cap
1	H-ANTI-SEIZE	one packet of anti-seize bolt lubricant



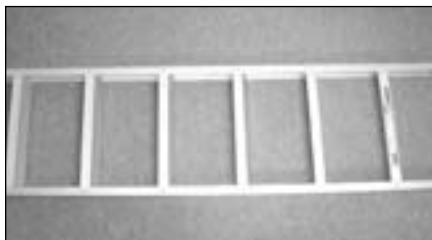
CITY 2 HANDRAILS

QTY	PART NUMBER	COMPONENT DESCRIPTION
2	CITY-HANDRAIL	aluminum slide handrails



CITY 2 SLIDE LEGS

QTY	PART NUMBER	COMPONENT DESCRIPTION
2	H-45.500 LEG	45.50" aluminum slide leg
1	H-23.250 LEG	23.25" aluminum slide leg
1	H-20.500 LEG	20.50" aluminum slide leg



CITY 2 LADDER

QTY	PART NUMBER	COMPONENT DESCRIPTION
1	CITY-LADDER	aluminum ladder assembly



CITY 2 HOSE AND BALL VALVE

QTY	PART NUMBER	COMPONENT DESCRIPTION
1	H-1/2 SPA HOSE	1/2" spa hose - 10 ft.
1	H-1/2 BALL VALVE	1/2" on/off ball valve

LIMITED WARRANTY

Inter-Fab, Inc. will repair or replace, at its option, any product manufactured by Inter-Fab, Inc. that fails during the applicable warranty period because of a manufacturing or material defect; provided that the defect is not the result of improper installation, improper use or care, negligence or natural accidents (acts of God). The applicable warranty period for products manufactured by Inter-Fab, Inc. is three (3) years from the date of retail purchase, except as specified below:

Echoes of Nature™ products are individually handcrafted and painted by skilled artisans and as a result, dimensional differences and color variations are normal and are not a basis for warranty coverage. The warranty period for pumps sold with the Echoes of Nature™ products is three (3) years from the date of retail purchase.

Water Sports™ sports equipment warranty periods are as follows: Volleyball Poles, Basketball Post, Basketball Rim, and Basketball Backboard one (1) year from date of retail purchase; and Volleyball, Volleyball Net, Basketball, Basketball Net, and Pumps are warranted for ninety (90) days from date of retail purchase.

T7™ Edgewater™ and Lighted Edgewater™ features warranty period is one (1) year from date of retail purchase.

Zoomerang™ slide products warranty period is one (1) year from the date of retail purchase.

Build Your Own Slide™ (BYOS™) warranty period is one (1) year from the date of retail purchase.

City 2 Slide™ products warranty period is one (1) year from the date of retail purchase.

Unless expressly stated otherwise all products manufactured by Inter-Fab are for residential installation and use only. Inter-Fab, Inc. expressly disclaims any and all warranties and liability arising from the installation or use of its residential products used in a commercial application. Products expressly manufactured for commercial installation and use will be subject to this limited warranty.

This limited warranty is in lieu of all other warranties, whether express or implied. Inter-Fab, Inc. disclaims any warranty of merchantability or fitness for a particular use, and noninfringement in relation to any of its products and Inter-Fab, Inc. is not liable for consequential, incidental or specific damages. This warranty is limited to the repair or replacement of the manufacturing or material defect, or refund of the original purchase price, whichever is less, at the sole option of Inter-Fab, Inc., and expressly does not cover any labor or reinstallation expenses related to the replacement of any and all Inter-Fab products. This limited warranty shall be the sole and exclusive remedy of irrespective of whether the claims are made in contract, tort, warranty, law, equity or by statute.

This warranty is to the original purchaser of the product only. Inter-Fab's limited warranty is neither transferable nor portable from consumer to consumer. The effective coverage date begins at the date of retail purchase. Product owner or representative must notify Inter-Fab, Inc. (or its wholesale agent) in writing, giving a full description of the nature of the product defect or failure along with proof of purchase, serial number(s) of the product and photos within thirty (30) days of the expiration of the applicable warranty period. Inter-Fab, Inc. reserves the right to physically inspect damaged or defective products or components to determine the cause of the damage or defect, prior to authorizing repair or replacement of its products.



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