

IMPORTANT NOTES: Read First

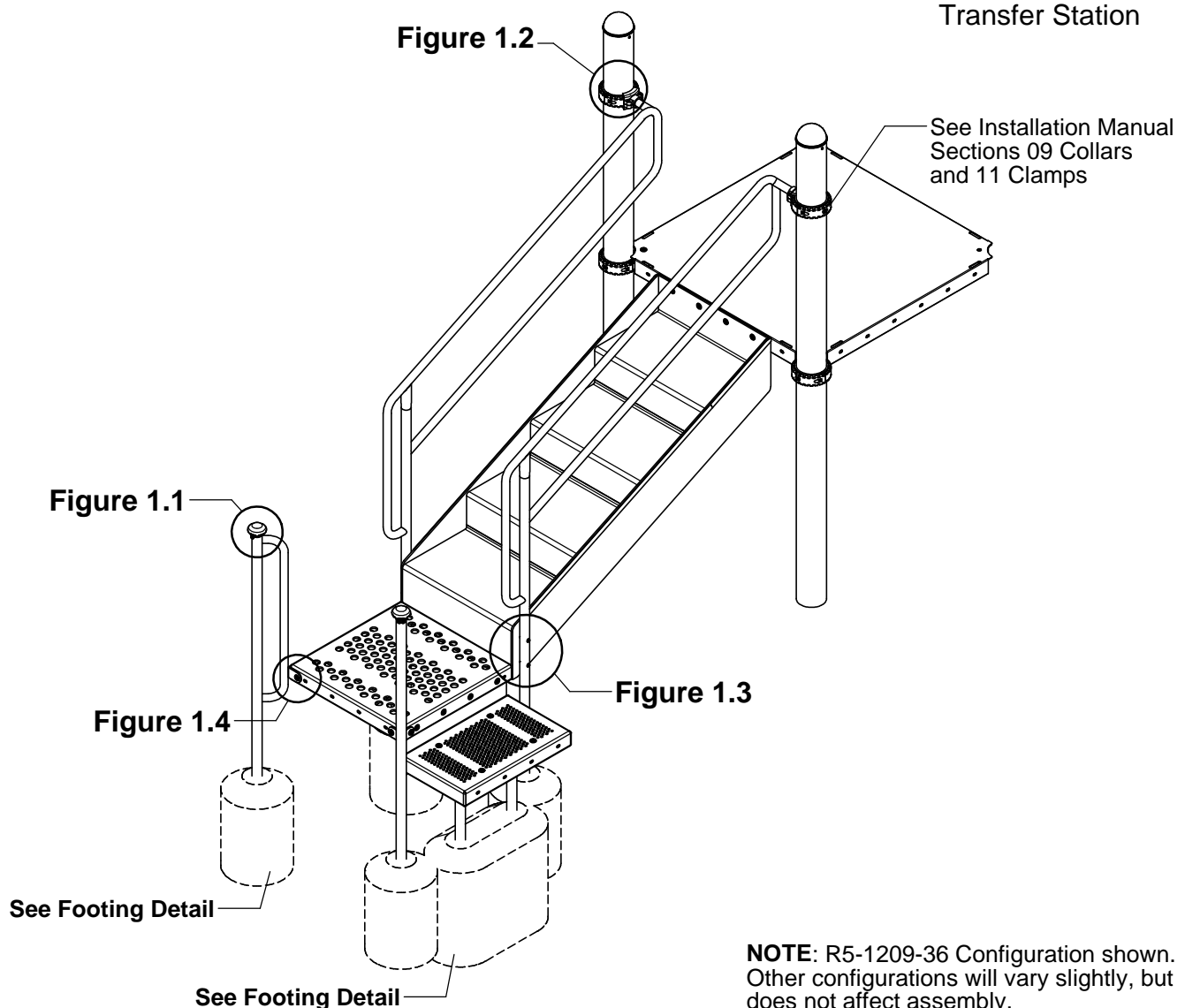
(A) Use liquid thread lock (such as Loctite®) with all threaded hardware. **Important:** Liquid thread lock (prior to curing) helps to eliminate the common problem of "thread seizure" in stainless steel hardware by serving as a lubricant during assembly.

(B) Do not pour concrete until the equipment is completely assembled, leveled and plumbed. Concrete must be allowed to cure completely before using the equipment (at least 72 hours).

(C) Refer to Installation Manual for 09 Collars and 11 Socket Clamps installation instructions.

(D) An appropriate energy absorbing safety surface is required under and around all playground equipment. Loose fill protective surfacing is shown only as an example for the purpose of this assembly instruction. Other surfacing material may vary in thickness and/or compression depths. See free publication - The Handbook for Public Playground Safety, Publication #325 at www.cpsc.gov for the surfacing appropriate for the fall height of the equipment or consult your surfacing supply representative.

FIGURE 1
Transfer Station



NOTE: R5-1209-36 Configuration shown. Other configurations will vary slightly, but does not affect assembly.

Step 1

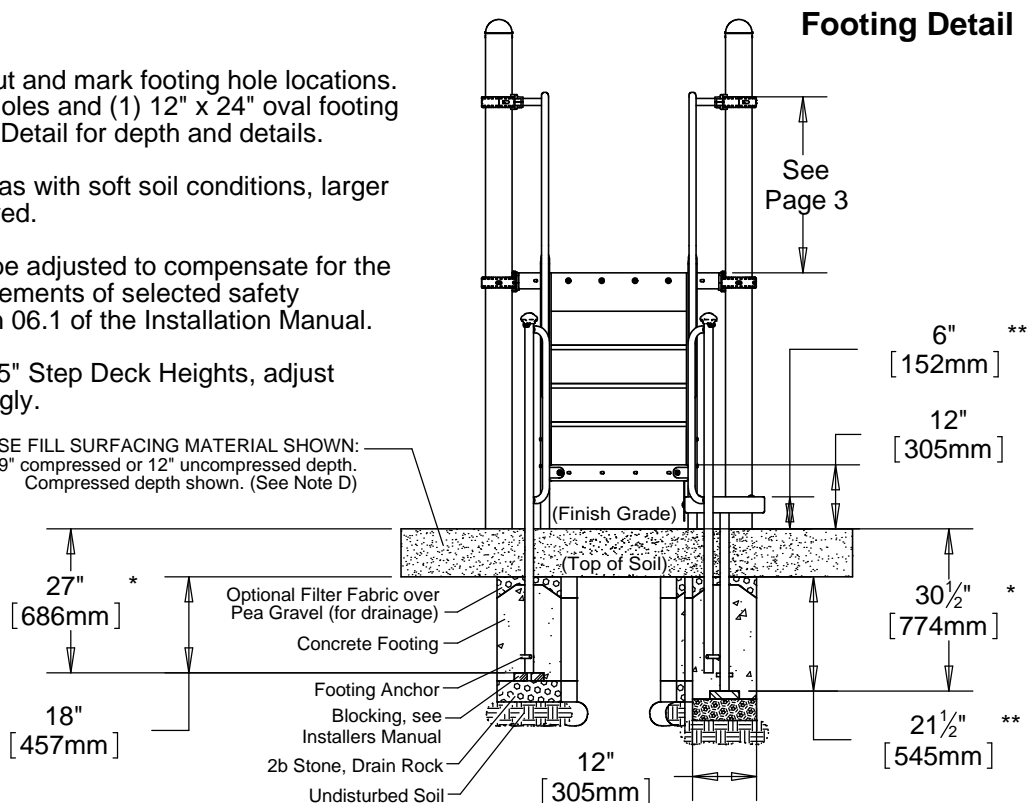
Refer to Footing Layout and mark footing hole locations. Dig (4) Ø 12" footing holes and (1) 12" x 24" oval footing hole. Refer to Footing Detail for depth and details.

IMPORTANT: For areas with soft soil conditions, larger footings may be required.

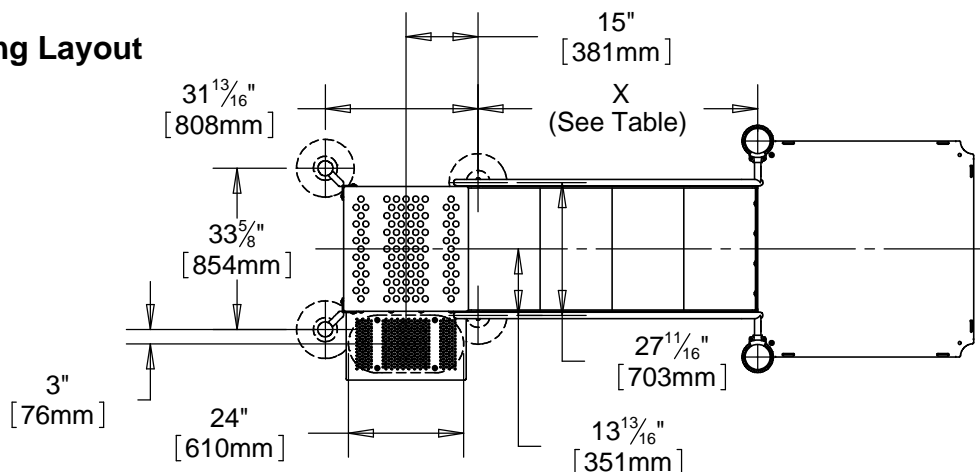
* Footing depth must be adjusted to compensate for the depth/thickness requirements of selected safety surfacing. See Section 06.1 of the Installation Manual.

** For optional 4" and 5" Step Deck Heights, adjust footing depth accordingly.

LOOSE FILL SURFACING MATERIAL SHOWN:
9" compressed or 12" uncompressed depth.
Compressed depth shown. (See Note D)



Top View - Footing Layout



Footing Distance Table
Center of Post to Center of Footing

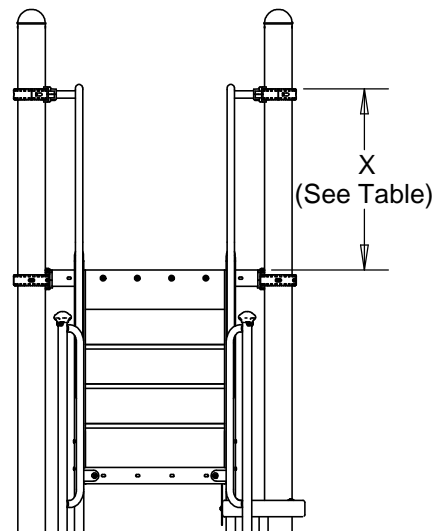
Deck Height	Assembly	X (in.)	X (mm)
24"	Transfer Station 12-24	13-1/4"	337
36"	Transfer Station 12-36	28-1/4"	717
42"	Transfer Station 12-42	43"	1092
48"	Transfer Station 12-48	58-1/4"	1480
60"	Transfer Station 12-60	73-1/4"	1861
72"	Transfer Station 12-72	103-1/4"	2623

Step 2

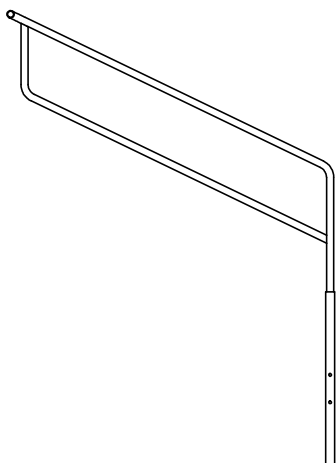
Locate and attach collars to posts at height shown in Figure 2. (See Note C)

NOTE: Collar height varies based on Transfer Station Hand Rail Type.

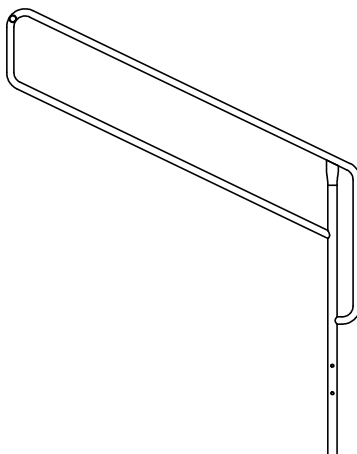
FIGURE 2
Transfer Station Hand Rail Identification
and Collar Height



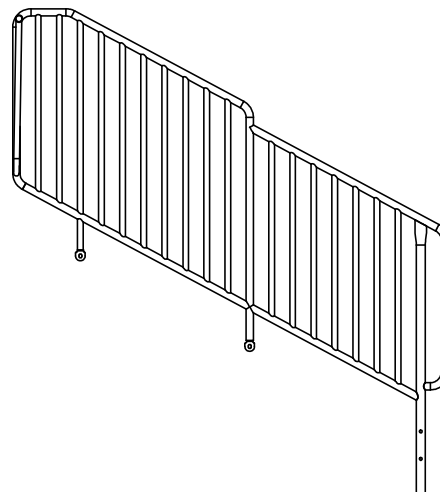
**RAIL
TYPE 1**



**RAIL
TYPE 2**



**RAIL
TYPE 3**



Collar Height Table Top of Deck to Top of Collar		
Hand Rail	X (in.)	X (mm)
TYPE 1	35-1/2"	902
TYPE 2 & 3	33"	838

Step 3 (Factory Assembled)

Attach Transfer Leg Top to Transfer Deck Support as shown in Figure 1.1. (See Note A)

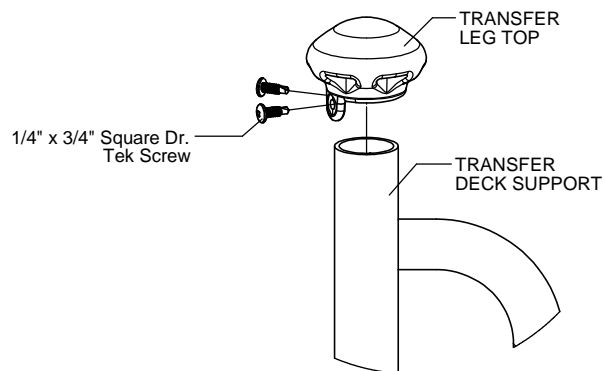


Figure 1.1

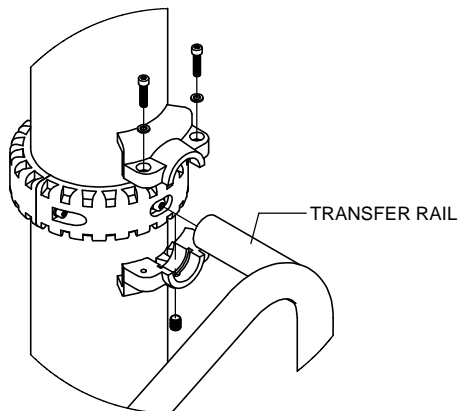


Figure 1.2

Step 4

Place Transfer Rails into footing holes and attach to collars as shown in Figure 1.2. (See Note C)

Step 5

Attach ADA Steps to Transfer Rails as shown in Figure 1.3. (See Note A)

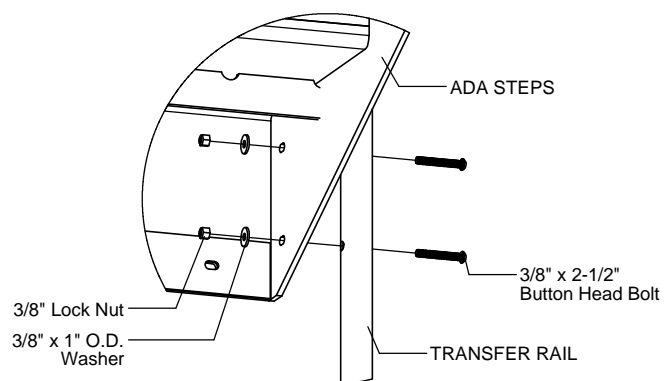


Figure 1.3

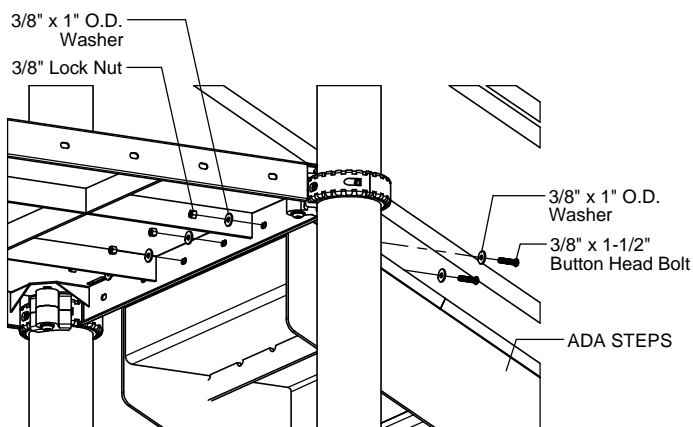


FIGURE 3

Step 6

Attach ADA Steps to deck as shown in Figure 3. (See Note A)

Step 7

For Transfer Station to 60" & 72" Decks Only

Attach Transfer Rail to ADA Steps
as shown in Figure 4. (See Note A)

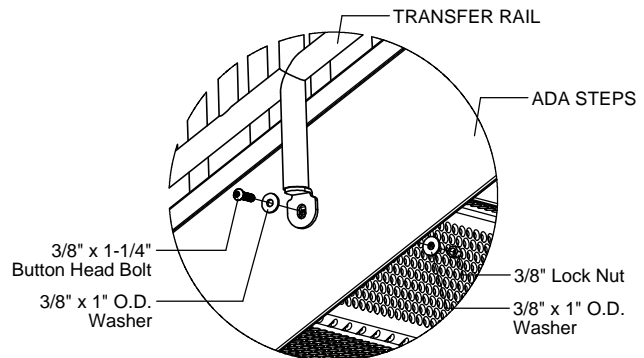


FIGURE 4

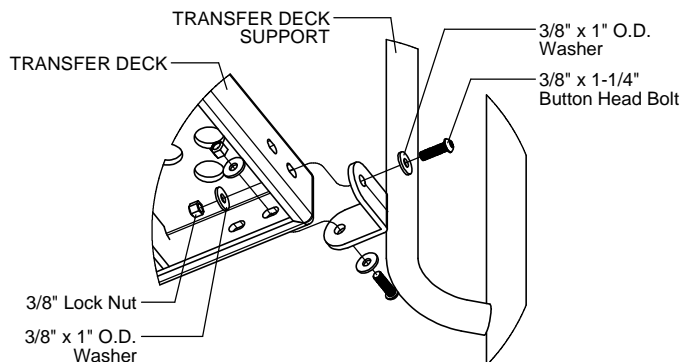


Figure 1.4

Step 9

Place Transfer Deck Supports into footing holes
and attach Transfer Deck to ADA Steps
in Figure 5. (See Note A)

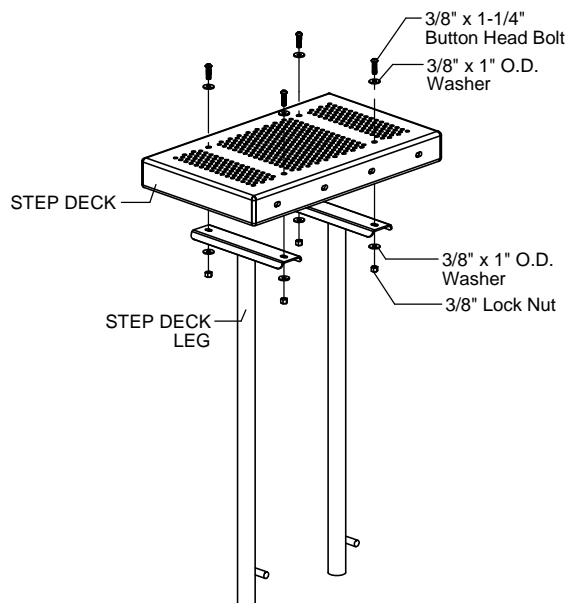


FIGURE 6

Step 8

Attach Transfer Deck Supports to Transfer Deck
as shown in Figure 1.4. (See Note A)

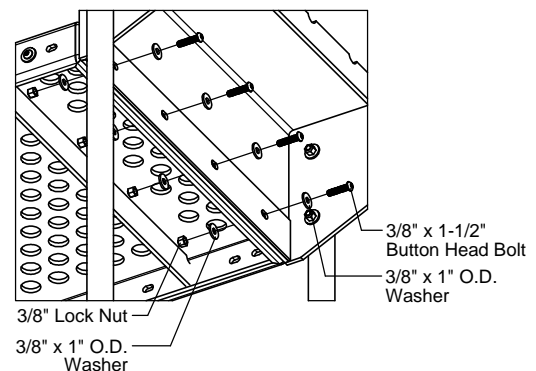


FIGURE 5

Step 10

Attach Step Deck Legs to Step Deck as shown
in Figure 6. (See Note A)

Step 11

Place Step Deck Legs into footing holes and attach Filler to Transfer Deck and Step Deck as shown in Figure 7. (See Note A)

Step 12

Fully tighten all fasteners according to the "TIGHTENING TORQUE FOR HARDWARE" section of the Installation Manual.

Step 13

Plumb and level entire component. Pour concrete into footing holes. Allow at least 72 hours to cure before using this equipment. (See Note B)

Step 14

Place required protective surfacing under and around Transfer Station. (See Note D)

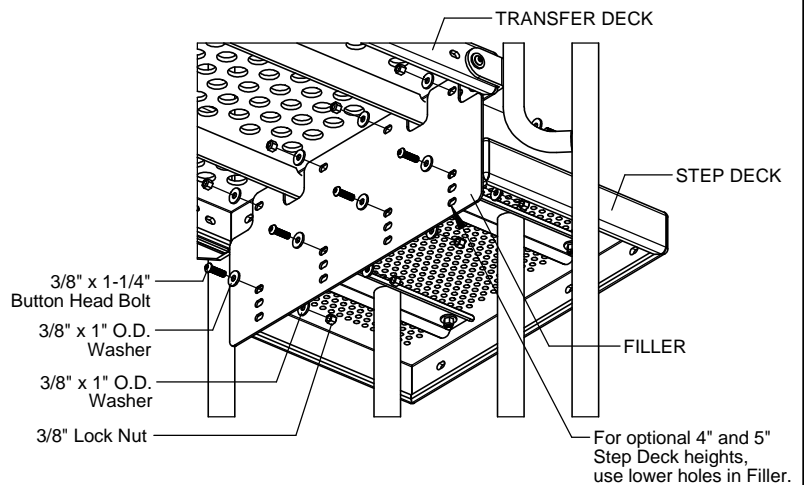


FIGURE 7

Specifications

STEP DECK LEG:

Shall be fabricated using 1.660" O.D. 11 gauge steel tubing with welded 10 gauge steel mounting bracket. The Step Deck Leg shall have a multi-stage baked-on powder coat finish.

STEP RAILS:

Shall be fabricated using 1.315" O.D. 12 gauge steel tubing with welded 1.660" O.D. 11 gauge steel leg. The Step Rails shall have a multi-stage baked-on powder coat finish.

TRANSFER STATION WALL:

Shall be fabricated using 1.315" O.D. 12 gauge steel tubing with welded 1.660" O.D. 11 gauge steel leg and 1.029" O.D. 14 gauge steel rungs. The Transfer Station Wall shall have a multi-stage baked-on powder coat finish.

STEPS & DECKS:

Shall be fabricated using punched, formed and welded 14 gauge sheet steel. Steps and Decks shall be Play-Tuff™ coated after fabrication.

SOCKET CLAMPS:

Shall be two-part and precision die-cast from a high strength aluminum alloy. The Socket Clamps have a multi-stage baked-on powder coat finish.

HARDWARE:

Shall be stainless steel, zinc/nickel plated or galvanized as required to resist rust and corrosion.

TRANSFER STATION INSTALLATION INSTRUCTIONS

1209
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Parts List

S-1209-12 - Transfer Station 12-24		
Part #	DESCRIPTION	QTY.
AE-4206	Vertical Filler #8	1
CE-4204	Transfer Deck 2	1
CE-4205	Step Deck 3	1
CE-4335	ADA Step 12-26	1
FS-1202	Step Deck Leg	2
FS-1209-12	Transfer Station H Rail 24	2
HS-1001-R5	Socket Clamp Set R5	2
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	16
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	8
9103112-TR	Bolt Button Head 3/8" x 2-1/2"	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	52
9413002	Nut Lock 3/8"	28

S-1209-36 - Transfer Station 12-48		
Part #	DESCRIPTION	QTY.
AE-4206	Vertical Filler #8	1
CE-4204	Transfer Deck 2	1
CE-4205	Step Deck 3	1
CE-4294	ADA Steps 36-26	1
FS-1202	Step Deck Leg	2
FS-1209-36R	Transfer Station H. Rail 48	2
HS-1001-R5	Socket Clamp Set R5	2
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	16
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	8
9103112-TR	Bolt Button Head 3/8" x 2-1/2"	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	52
9413002	Nut Lock 3/8"	28

S-1209-24 - Transfer Station 12-36		
Part #	DESCRIPTION	QTY.
AE-4206	Vertical Filler #8	1
CE-4203	ADA Steps 24-26	1
CE-4204	Transfer Deck 2	1
CE-4205	Step Deck 3	1
FS-1202	Step Deck Leg	2
FS-1209-24R	Transfer Station H. Rail 36	2
HS-1001-R5	Socket Clamp Set R5	2
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	16
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	8
9103112-TR	Bolt Button Head 3/8" x 2-1/2"	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	52
9413002	Nut Lock 3/8"	28

S-1209-48 - Transfer Station 12-60		
Part #	DESCRIPTION	QTY.
AE-4206	Vertical Filler #8	1
CE-4204	Transfer Deck 2	1
CE-4205	Step Deck 3	1
CE-4486	ADA Steps 48-26	1
FS-1202	Step Deck Leg	2
FS-1209-48	Transfer Station Wall 60	2
HS-1001-R5	Socket Clamp Set R5	2
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	20
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	8
9103112-TR	Bolt Button Head 3/8" x 2-1/2"	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	60
9413002	Nut Lock 3/8"	32

S-1209-30 - Transfer Station 12-42		
Part #	DESCRIPTION	QTY.
AE-4206	Vertical Filler #8	1
CE-4194	ADA Steps 30-26	1
CE-4204	Transfer Deck 2	1
CE-4205	Step Deck 3	1
FS-1202	Step Deck Leg	2
FS-1209-30R	Transfer Station H. Rail 42	2
HS-1001-R5	Socket Clamp Set R5	2
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	16
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	8
9103112-TR	Bolt Button Head 3/8" x 2-1/2"	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	52
9413002	Nut Lock 3/8"	28

S-1209-60 - Transfer Station 12-72		
Part #	DESCRIPTION	QTY.
AE-4206	Vertical Filler #8	1
CE-0166	ADA Steps 60-26	1
CE-4204	Transfer Deck 2	1
CE-4205	Step Deck 3	1
FS-1202	Step Deck Leg	2
FS-1209-60	Transfer Station Wall 72	2
HS-1001-R5	Socket Clamp Set R5	2
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	20
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	8
9103112-TR	Bolt Button Head 3/8" x 2-1/2"	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	60
9413002	Nut Lock 3/8"	32

Assembled Parts List

Part #	DESCRIPTION	QTY.
FS-1209A	Transfer Deck Support	2
GE-4636	Transfer Leg Top	2
9271032	Screw Tek 1/4" x 3/4" PH SQDR	4

Maintenance

Periodically tighten all screws, bolts and nuts. A periodic inspection of all parts is necessary. If a part is broken or worn, replace immediately. For general maintenance please refer to our Playground Maintenance Manual.



Manufactured by Krauss Craft, Inc.
www.playcraftsystems.com

For Customer Service Call
800.333.8519 (U.S.A.) or
541.955.9199 (International)

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