



LIFTSAFE



FACTORY
SUPPLY

Modular Crossover Stairs RoofCross Series

Model Numbers:

RC-232-A1, RC-233-A1, RC-234-A1, RC-235-A1,
RC-236-A1, RC-237-A1, RC-332-A1, RC-333-A1,
RC-334-A1, RC-335-A1, RC-336-A1, RC-337-A1,
RC-432-A1, RC-433-A1, RC-434-A1, RC-435-A1,
RC-436-A1, RC-437-A1, RC-532-A1, RC-533-A1,
RC-534-A1, RC-535-A1, RC-536-A1, RC-537-A1,
RC-632-A1, RC-633-A1, RC-634-A1, RC-635-A1,
RC-636-A1, RC-637-A1, RC-732-A1, RC-733-A1,
RC-734-A1, RC-735-A1, RC-736-A1, RC-737-A1

Installation Manual:

Modular Crossover Stairs RoofCross Series

This Installation Manual is intended to meet the Manufacturer's Instructions requirements and should be used as part of an employee training program.

WARNINGS AND CONDITIONS

These instructions must be provided to the installer of this system. The installer must read and understand these instructions and follow.

Failure to follow these instructions or the details of the unique layout drawing provided may result in serious injury or death. If you have any questions about this system's use or care, please contact the manufacturer: 1-800-977-2005 (Canada) or 1-888-242-3045 (US).



Modular Crossover Stairs RoofCross Series

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**WARNING**

IMPROPER USE OR INSTALLATION OF THIS EQUIPMENT MAY CAUSE INJURY OR DEATH

Failure to Read, Understand, and Follow the Installation Manual may result in injury or death

- DO NOT** stand or climb on stair and platform handrail
- DO NOT** use handrail as a tie-off point
- DO NOT** use handrail for lifting or hoisting
- DO NOT** install modular stairs within 10-feet of any electrical lines
- DO NOT** use if any component is found defective or damaged
- DO NOT** attach banners, signs, or equipment to any part of the modular stairs

DO read and follow this document (Installation Manual) for assembling and mounting the Modular Crossover Stair RoofStair Series.

Modular Crossover Stair RoofStair Series systems are designed and are to be used only for their intended purpose. The use of these stair systems or their individual components for any other purpose **may cause injury or death.**

Required / Suggested Tool List

- Tape measure
- 2 ft level
- Hammer
- Allen keys (SAE)
- Wrenches (SAE)
- Step ladder or manlift (to be determined based on ladder height)



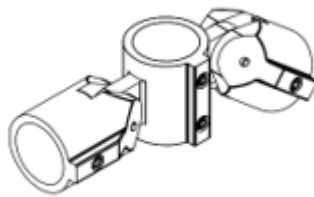
WARNING

**Failure to Read, Understand, and Follow the Installation Manual
may result in injury or death**

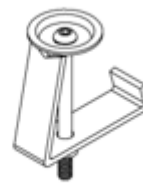
Figure 1 - Component Identification



① 17-8-1.50



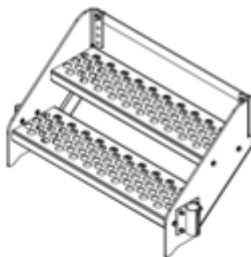
② 19E-8-1.50



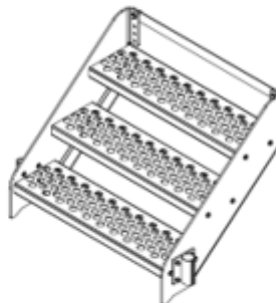
③ RC-434-AJC



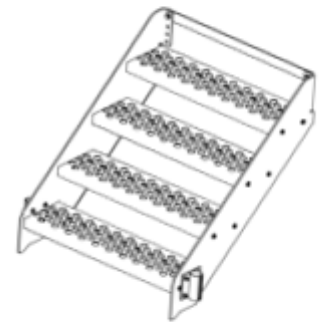
④ RGF-CAP



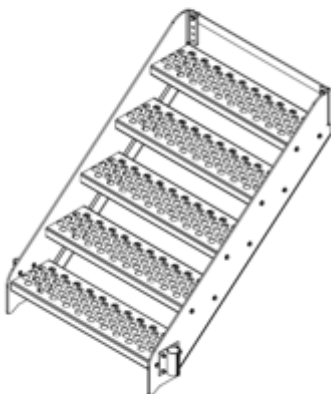
⑤ RC-232-AS1



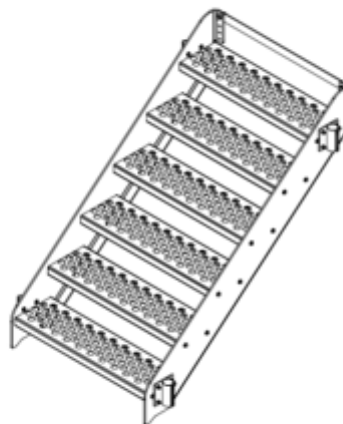
⑥ RC-333-AS1



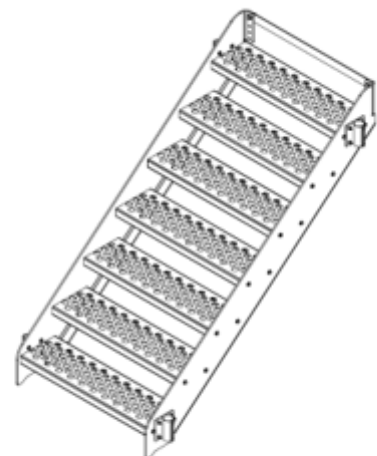
⑦ RC-434-AS1



⑧ RC-535-AS1



⑨ RC-636-AS1



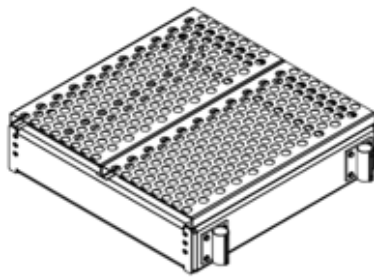
⑩ RC-737-AS1



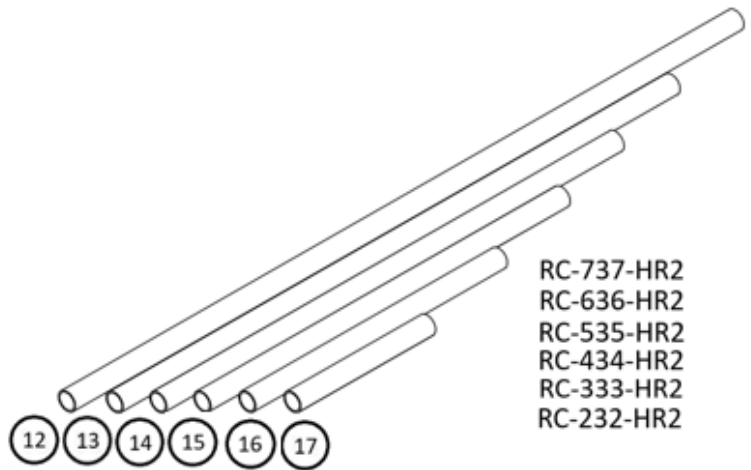
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Figure 2 - Component Identification



11 RC-434-AP1



RC-737-HR2
RC-636-HR2
RC-535-HR2
RC-434-HR2
RC-333-HR2
RC-232-HR2



18 RC-434-HP1



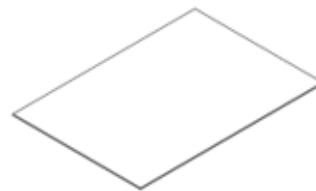
19 RC-434-HP2



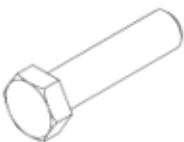
20 RC-434-HR1



21 RG-BASEPLATE2



22 RG-PAD-RUBBER



23 HS050C200SS18-8



24 FW050X106X17SS18-8



25 LW050LCSS18-8



26 HN050CSS18-8



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Figure 3 - Component Identification

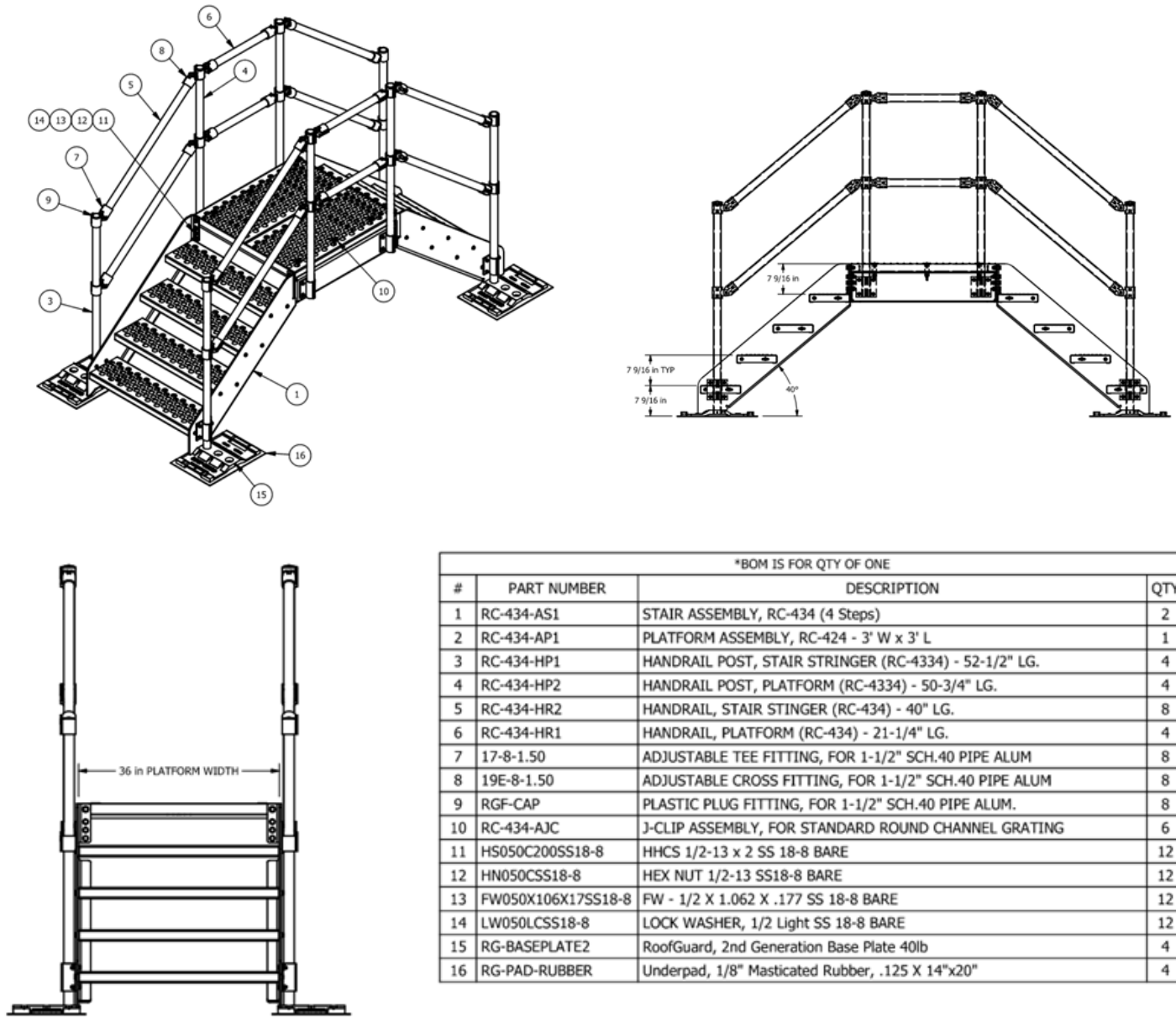
#	PART NUMBER	DESCRIPTION
1	17-8-1.50	ADJUSTABLE TEE FITTING, FOR 1-1/2" SCH.40 PIPE ALUM
2	19E-8-1.50	ADJUSTABLE CROSS FITTING, FOR 1-1/2" SCH.40 PIPE ALUM
3	RC-434-AJC	J-CLIP ASSEMBLY, FOR STANDARD ROUND CHANNEL GRATING
4	RGF-CAP	PLASTIC PLUG FITTING, FOR 1-1/2" SCH.40 PIPE ALUM.
5	RC-232-AS1	STAIR ASSEMBLY, RC-232 (2 Steps)
6	RC-333-AS1	STAIR ASSEMBLY, RC-333 (3 Steps)
7	RC-434-AS1	STAIR ASSEMBLY, RC-434 (4 Steps)
8	RC-535-AS1	STAIR ASSEMBLY, RC-535 (5 Steps)
9	RC-636-AS1	STAIR ASSEMBLY, RC-636 (6 Steps)
10	RC-737-AS1	STAIR ASSEMBLY, RC-737 (7 Steps)
11	RC-434-AP1	PLATFORM ASSEMBLY, RC-424 - 3' W x 3' L
12	RC-737-HR2	HANDRAIL, STAIR STRINGER (RC-737)
13	RC-636-HR2	HANDRAIL, STAIR STRINGER (RC-636)
14	RC-535-HR2	HANDRAIL, STAIR STRINGER (RC-535)
15	RC-434-HR2	HANDRAIL, STAIR STRINGER (RC-434)
16	RC-333-HR2	HANDRAIL, STAIR STRINGER (RC-333)
17	RC-232-HR2	HANDRAIL, STAIR STRINGER (RC-232)
18	RC-434-HP1	HANDRAIL POST, STAIR STRINGER (RC-434)
19	RC-434-HP2	HANDRAIL POST, PLATFORM (RC-434)
20	RC-434-HR1	HANDRAIL, PLATFORM (RC-434)
21	RG-BASEPLATE2	RoofGuard, 2nd Generation Base Plate 40lb
22	RG-PAD-RUBBER	Underpad, 1/8" Masticated Rubber, .125 X 14"x20"
24	HS050C200SS18-8	HHCS 1/2-13 x 2 SS 18-8 BARE
23	FW050X106X17SS18-8	FW - 1/2 X 1.062 X .177 SS 18-8 BARE
25	LW050LCSS18-8	LOCK WASHER, 1/2 Light SS 18-8 BARE
26	HN050CSS18-8	HEX NUT 1/2-13 SS18-8 BARE



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Figure 4 - Typical Layout for Symmetric Crossover



Assembly Instructions

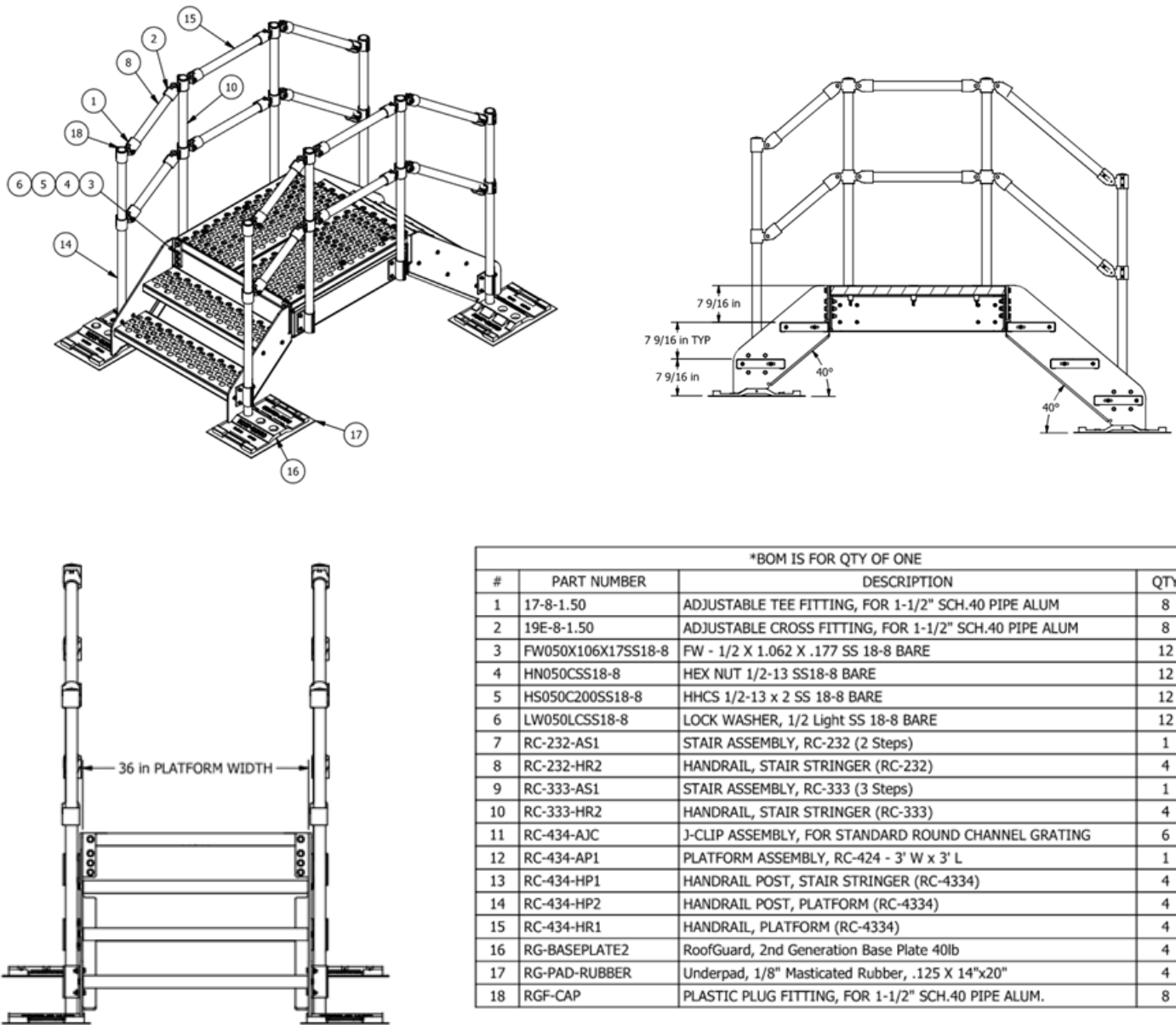
- Apply anti-seize to all bolts before/during assembly
- Stair assemblies are delivered fully assembled
- Platform assemblies are delivered fully assembled
- All railing posts are delivered pre-assembled with fittings attached
- Railing posts are inserted into the flange fittings and set screw is then tightened
- All handrails assembled as per GA drawing that will be shipped with each unit
- Torque specification for all Stainless-Steel Hardware is 39 ft-lbs



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Figure 5 - Typical Layout for Asymmetric Crossover



Assembly Instructions

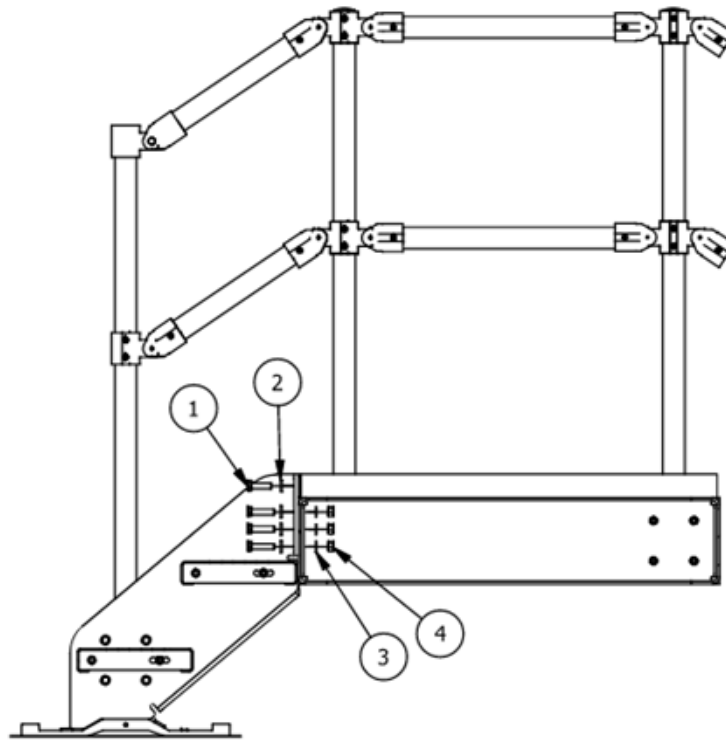
- Apply anti-seize to all bots before/during assembly
- Stair assemblies are delivered fully assembled
- Platform assemblies are delivered fully assembled
- All railing posts are delivered pre-assembled with fittings attached
- Railing posts are inserted into the flange fittings and set screw is then tightened
- All handrails assembled as per GA drawing that will be shipped with each unit
- Torque specification for all Stainless-Steel Hardware is 39 ft-lbs



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Figure 6 - Stair to Platform Assembly



ITEM	MATERIAL CODE	DESCRIPTION	QTY
1	HS050C200SS18-8	HHCS 1/2-13 x 2 SS 18-8 BARE	8
2	FW050X106X17SS18-8	FW - 1/2 X 1.062 X .177 SS 18-8 BARE	8
3	LW050LCSS18-8	LOCK WASHER, 1/2 Light SS 18-8 BARE	8
4	HN050CSS18-8	HEX NUT 1/2-13 SS18-8 BARE	8

Assembly Instructions

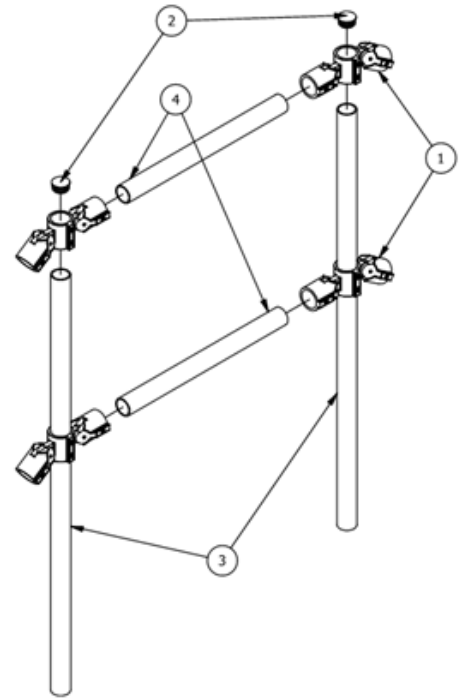
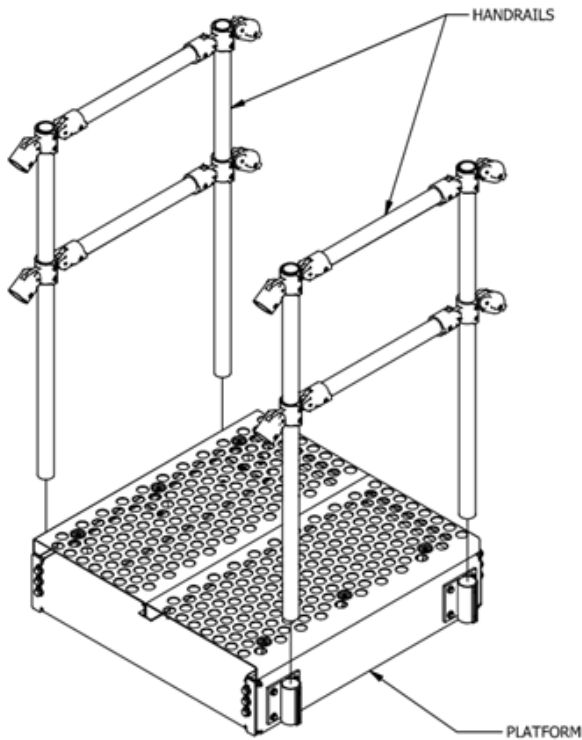
- Apply anti-seize to all bolts
- Support platform line up holes and insert hardware as per fig. 6



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Figure 7 - Platform Handrail Assembly



ITEM	MATERIAL CODE	DESCRIPTION	QTY
1	19E-8-1.50	ADJUSTABLE CROSS FITTING, FOR 1-1/2" SCH.40 PIPE ALUM	4
2	RGF-CAP	PLASTIC PLUG FITTING, FOR 1-1/2" SCH.40 PIPE ALUM.	2
3	RC-434-HR1	HANDRAIL, PLATFORM	2
4	RC-434-HP2	HANDRAIL POST, PLATFORM	2

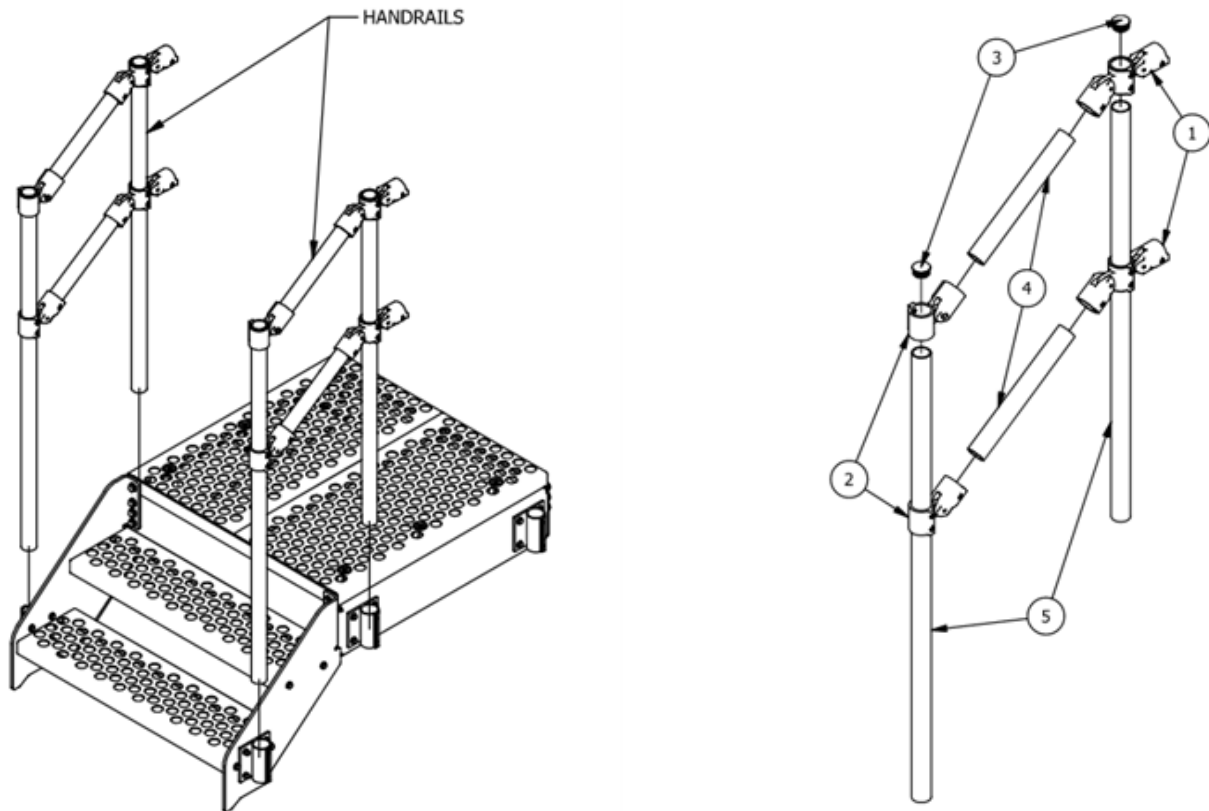
Assembly Instructions

- Insert railing posts into flange fittings
- Tighten set screw with tube flush to bottom of fitting



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Figure 8 - Stair Handrail Assembly



ITEM	MATERIAL CODE	DESCRIPTION	QTY
1	19E-8-1.50	ADJUSTABLE CROSS FITTING, FOR 1-1/2" SCH.40 PIPE ALUM	2
2	17-8-1.50	ADJUSTABLE TEE FITTING, FOR 1-1/2" SCH.40 PIPE ALUM	2
3	RGF-CAP	PLASTIC PLUG FITTING, FOR 1-1/2" SCH.40 PIPE ALUM.	2
4	RC-434-HP1	HANDRAIL POST, STAIR STRINGER	2
5	RC-X3X-HR2	HANDRAIL, STAIR STRINGER (RC-X3X)	2

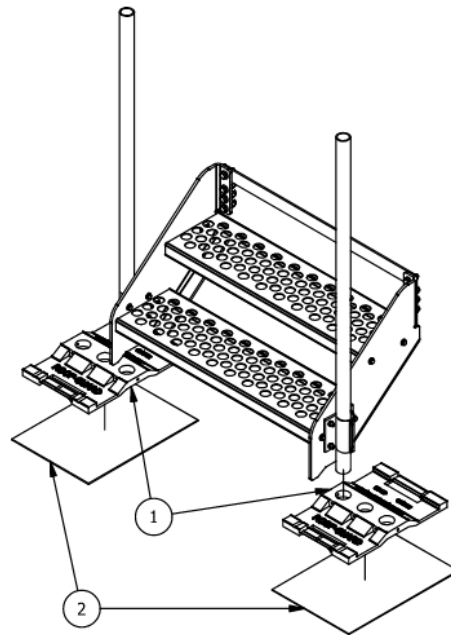
Assembly Instructions

- Insert railing posts into flange fittings
- Tighten set screw with tube flush to bottom of fitting



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Figure 9 - Floor Support Assembly



ITEM	MATERIAL CODE	DESCRIPTION	QTY
1	RG-BASEPLATE2	RoofGuard, 2nd Generation Base Plate 40lb	2
2	RG-PAD-RUBBER	Underpad, 1/8" Masticated Rubber, .125 X 14"x20"	2

Assembly Instructions

- Insert railing post through flange fitting into base plate
- Tube flush to bottom of baseplate
- Tighten set screw in flange fitting and baseplate



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Fall Protection Warranty

Please refer to website for product warranty information.

fallsafetysolutions.com/terms-conditions/

factorysupply.com/terms-conditions/



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