

IMPORTANT NOTES: Read First

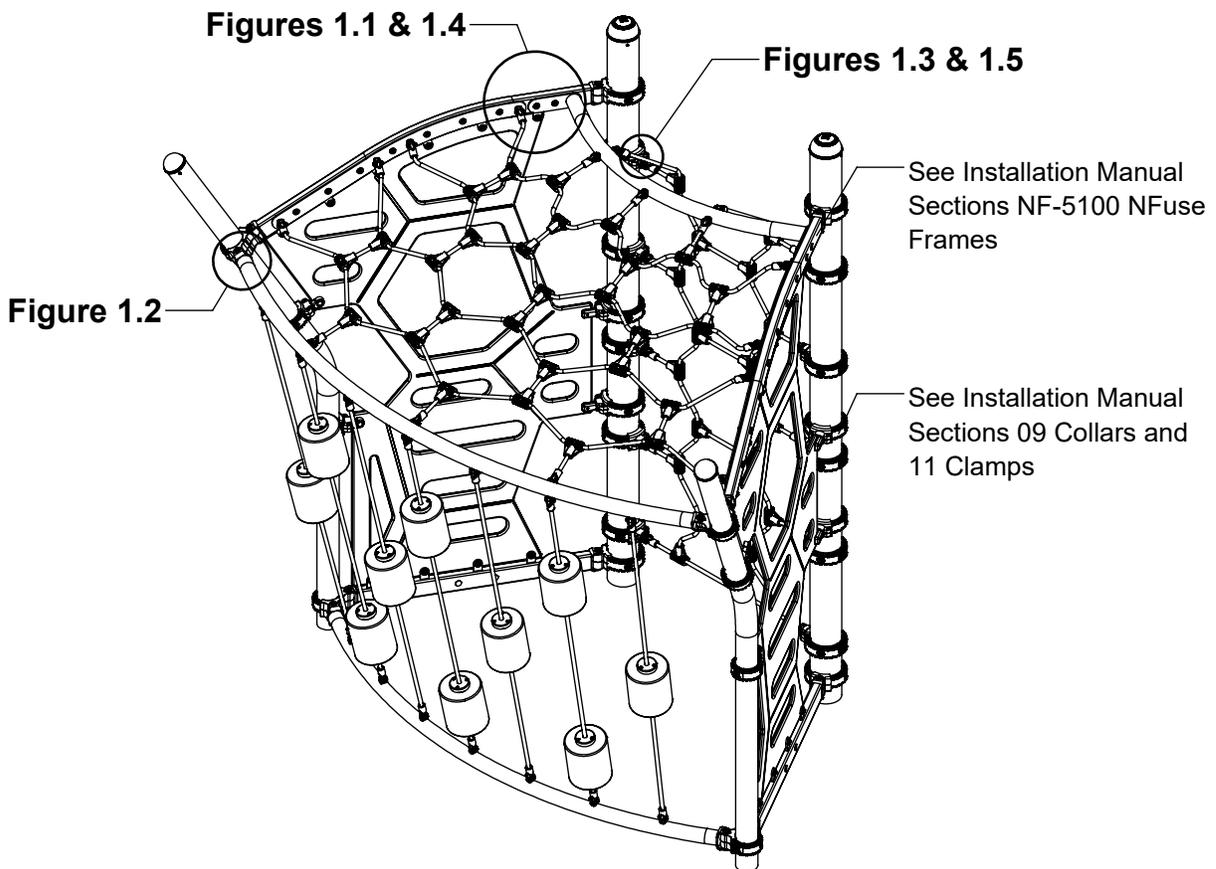
(A) Use liquid thread lock (such as Loctite®) with all threaded hardware. **Important:** Liquid thread lock (prior to curing) helps to eliminate the common problem of "thread seizure" in stainless steel hardware by serving as a lubricant during assembly.

(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, 11 Socket Clamps, and NF-5100 NFuse Frames 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
NFuse Molecule Bay



NOTE: NFuse Non-Deck Mount Bay shown. Other configurations will vary slightly, but does not affect assembly.

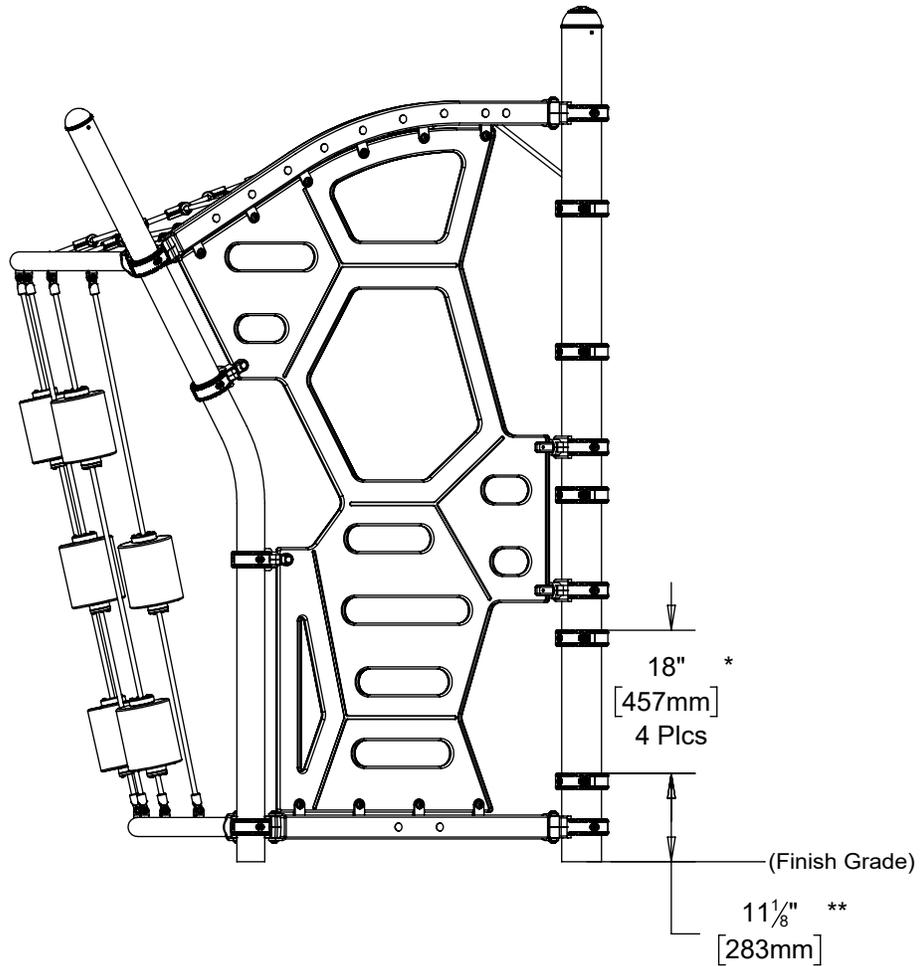
Step 1

Locate and attach collars at heights shown in Elevation View. (See Note B)

* Height shown from top of collar to top of collar.

** Height shown from finish grade to top of collar.

Elevation View



Step 2

Attach Anchor Plate and Top Inside Weldment to Frame as shown in Figure 1.1. (See Note A)

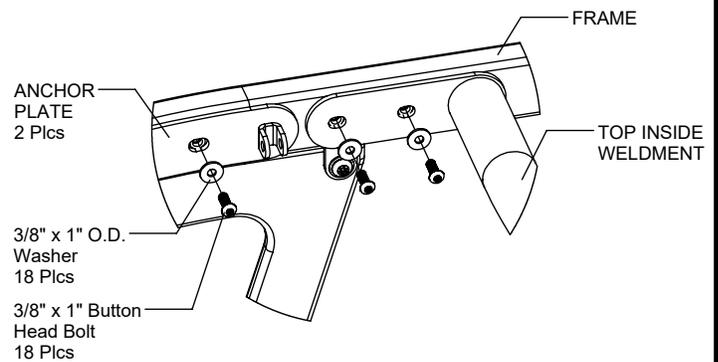


Figure 1.1

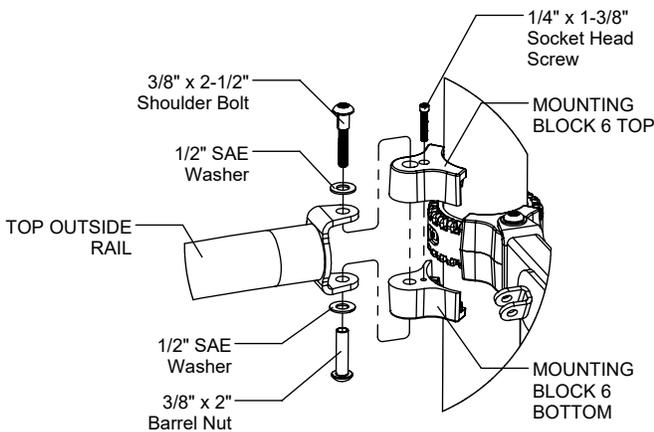


Figure 1.2

Step 3

Attach Top Outside Rail and Bottom Rail to Collars as shown in Figure 1.2. (See Note A)

NOTE: 4 Places

Step 4

For Deck Mount Version Only

Attach Net Link Deck Connector to Deck as shown in Figure 2. (See Note A)

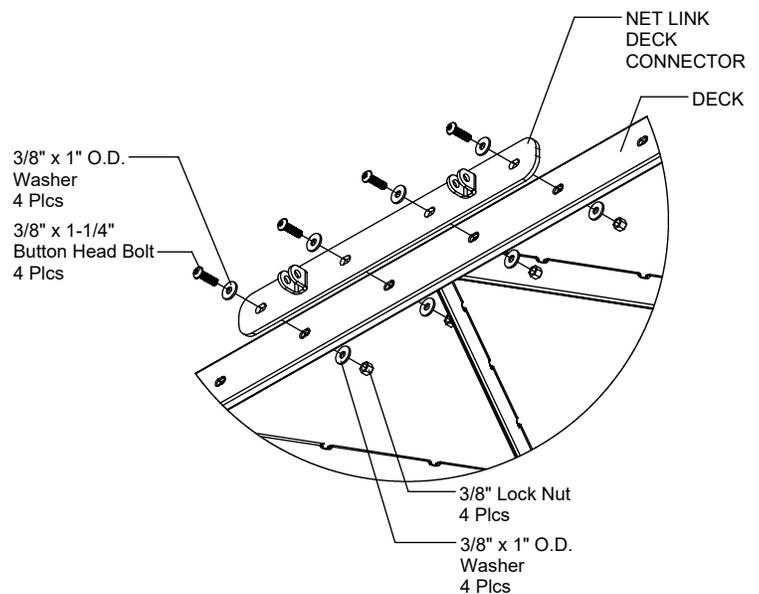


FIGURE 2

Step 5

For Non-Deck Mount Version Only

Attach each Socket Clamp Clevis to Collar as shown in Figure 1.3. (See Notes A & C)

NOTE: 10 Places

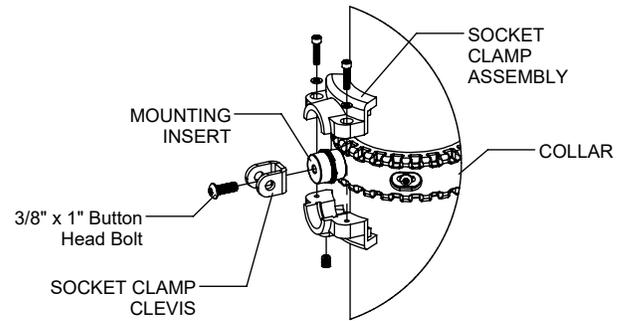


Figure 1.3

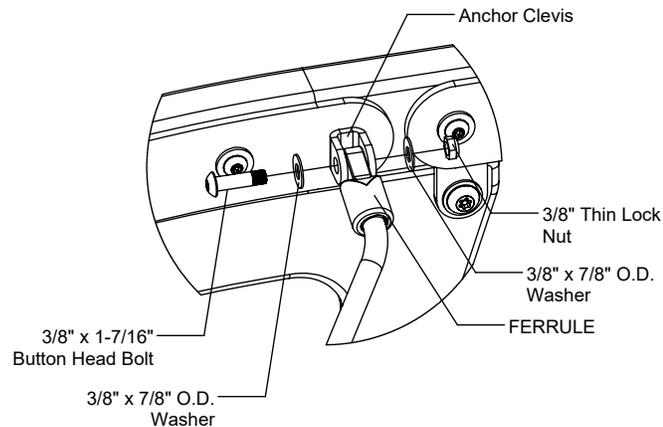


Figure 1.4

Step 7

For Non-Deck Mount Version Only

Attach the remaining net Ferrules on Inner Net to the Socket Clamp Clevises as shown in Figure 1.5. (See Note A)

NOTE: 10 Places

Step 8

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

Step 9

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

Step 10

Place required protective surfacing under and around NFuse Molecule Bay. (See Note D)

Step 6

Attach the Ferrules on Top Net, Inner Net, Molecule Nets, and Deck Link Nets to the corresponding welded Anchor Clevises as shown in Figure 1.4. Refer to Figure 1 for relative net locations. (See Note A)

NOTE:

- 14 Places for Top Net
- 2 Places for Inner Net
- 14 Places for Molecule Nets
- 4 Places for Deck Link Nets

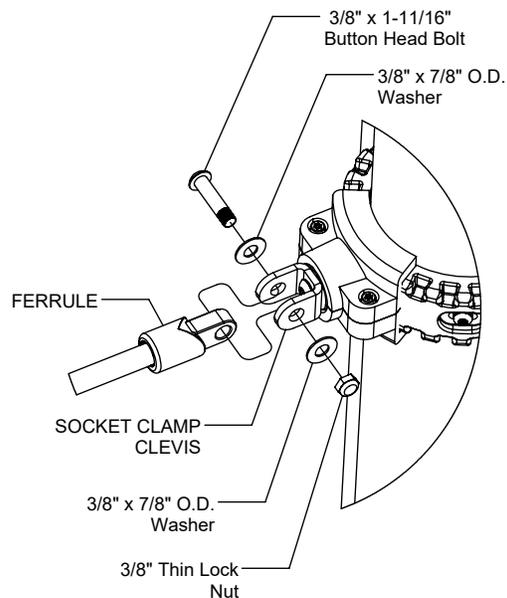


Figure 1.5

NFUSE MOLECULE BAY INSTALLATION INSTRUCTIONS

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Parts List

NON-DECK MOUNT		
Part #	DESCRIPTION	QTY
BE-1105	Socket Clamp Rope Clevis	10
FS-5201-BRK-L	NFuse Hex Net Bay - Bracket - Left	1
FS-5201-BRK-R	NFuse Hex Net Bay - Bracket - Right	1
FS-5201-TI	NFuse Hex Net Bay - Top Inside Weldment	1
FS-5204-BR	NFuse Molecule Bay - Bottom Rail	1
FS-5204-TR	NFuse Molecule Bay - Top Outside Rail	1
GE-7015	Mounting Insert	10
GG-8125	Mounting Block 6 Top R3.5	4
GG-8127	Mounting Block 6 Bottom R3.5	4
HM-0001-IN	NFuse Hex Net Bay - Inner Net	1
HM-0001-TN	NFuse Hex Net Bay - Top Net	1
HM-0007-1	NFuse Molecule Bay - Net-1	4
HM-0007-2	NFuse Molecule Bay - Net-2	3
HS-1001-R5	Socket Clamp Set R5	10
9103052-TR	Bolt Button Head 3/8" x 1"	28
9103200-TR	Bolt Button Head 3/8" x 1-7/16"	30
9103210-TR	Bolt Button Head 3/8" x 1-11/16"	10
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	4
9281062-5-TR	Screw Soc HD 1/4" x 1-3/8"	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	18
9333042	Washer Flat 3/8" x 7/8" O.D.	80
9345002	Washer Flat SAE 1/2"	8
9423002	Nut Lock Thin 3/8"	40
9443092-TR	Nut Barrel 3/8" x 2" BH	4

Parts List

DECK MOUNT		
Part #	DESCRIPTION	QTY
FS-1528	Angled Net Link Deck Connector	1
FS-5201-BRK-L	NFuse Hex Net Bay - Bracket - Left	1
FS-5201-BRK-R	NFuse Hex Net Bay - Bracket - Right	1
FS-5201-TI	NFuse Hex Net Bay - Top Inside Weldment	1
FS-5204-BR	NFuse Molecule Bay - Bottom Rail	1
FS-5204-TR	NFuse Molecule Bay - Top Outside Rail	1
GG-8125	Mounting Block 6 Top R3.5	4
GG-8127	Mounting Block 6 Bottom R3.5	4
HM-0001-DN	NFuse Deck Link Net	2
HM-0001-TN	NFuse Hex Net Bay - Top Net	1
HM-0007-1	NFuse Molecule Bay - Net-1	4
HM-0007-2	NFuse Molecule Bay - Net-2	3
9103052-TR	Bolt Button Head 3/8" x 1"	18
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	4
9103200-TR	Bolt Button Head 3/8" x 1-7/16"	32
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	4
9281062-5-TR	Screw Soc HD 1/4" x 1-3/8"	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	26
9333042	Washer Flat 3/8" x 7/8" O.D.	64
9345002	Washer Flat SAE 1/2"	8
9413002	Nut Lock 3/8"	4
9423002	Nut Lock Thin 3/8"	32
9443092-TR	Nut Barrel 3/8" x 2" BH	4



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Specifications

SOCKET CLAMP ROPE CLEVIS:

Shall be precision cut and formed using 3/16" stainless steel.

NFUSE HEX NET BAY - BRACKET & ANGLED NET LINK DECK CONNECTOR:

Shall be fabricated using 1/4" sheet steel with welded 3/16" thick steel clevises and will have a multi-stage baked-on powder coat finish.

NFUSE HEX NET BAY - TOP INSIDE WELDMENT & NFUSE MOLECULE BAY - BOTTOM/TOP OUTSIDE RAILS:

Shall be fabricated using 2.375" O.D. 10 gauge steel tubing with welded 1/4" thick steel plates and 3/16" thick steel clevises and will have a multi-stage baked-on powder coat finish.

MOUNTING INSERTS:

Shall be precision die-cast from a high-strength aluminum alloy.

MOUNTING BLOCKS & SOCKET CLAMPS:

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

NFUSE HEX NET BAY - INNER/TOP NETS & DECK LINK NET:

Shall be made from 16mm steel-reinforced rope with high-strength copolymer plastic intersection connectors and machined aluminum end ferrules.

NFUSE MOLECULE BAY - NETS:

Shall be made from 16mm steel-reinforced rope with high-strength copolymer plastic intersection connectors, rotationally molded LDPE blocks, and machined aluminum end ferrules.

HARDWARE:

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

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.

