

**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.

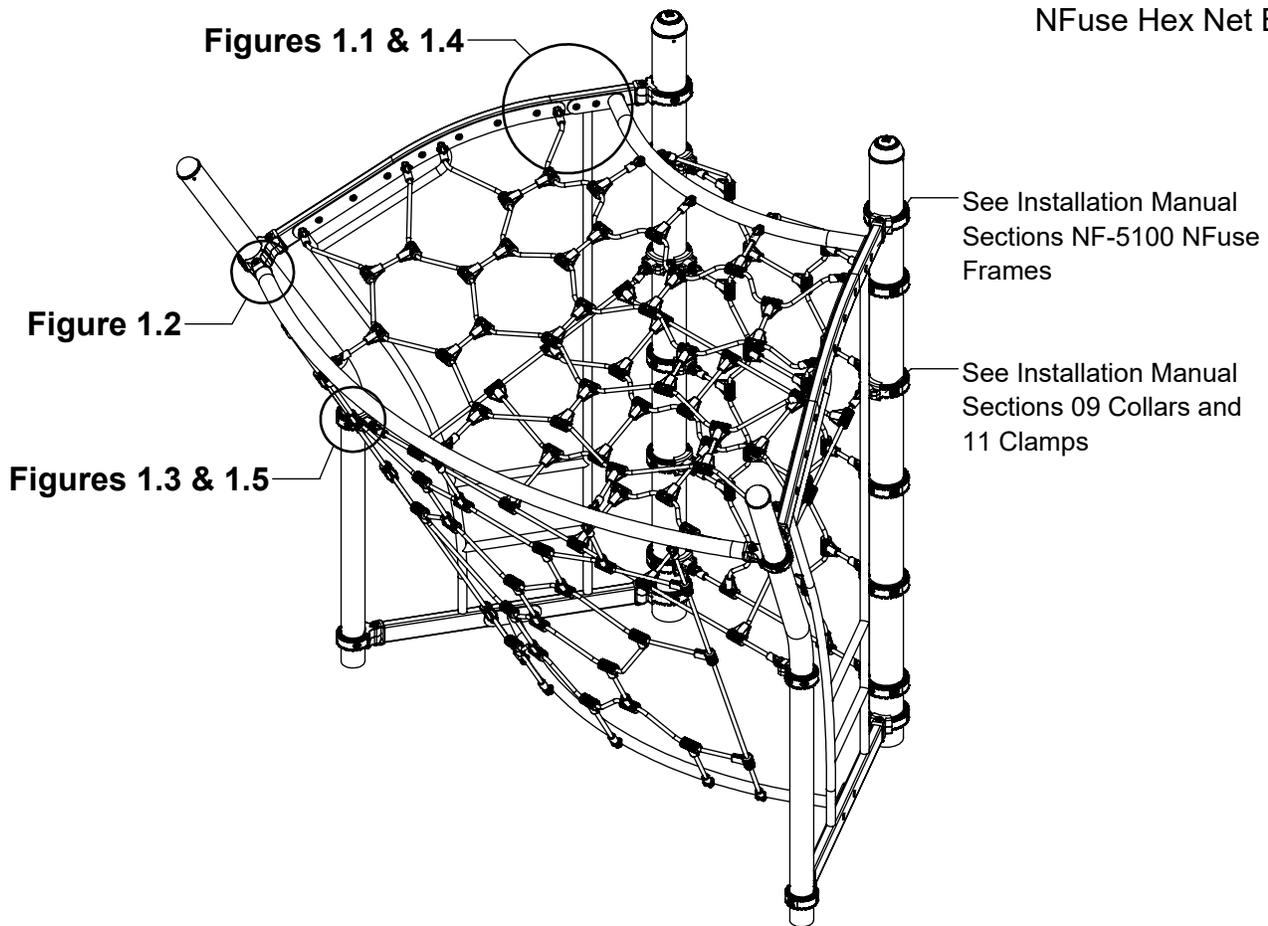
(B) Do not pour concrete until the equipment is completely assembled, leveled and plumbed. Concrete must be allowed to cure completely before using the equipment (at least 72 hours).

(C) Refer to Installation Manual for 09 Collars, 11 Socket Clamps, and NF-5100 NFuse Frames installation instructions.

(D) All gaps created (e.g. between ropes and framework, etc.) must be less than 3-1/2" [89mm] or greater than 9" [229mm].

(E) 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](http://www.cpsc.gov) for the surfacing appropriate for the fall height of the equipment or consult your surfacing supply representative.

**FIGURE 1  
NFuse Hex Net Bay**



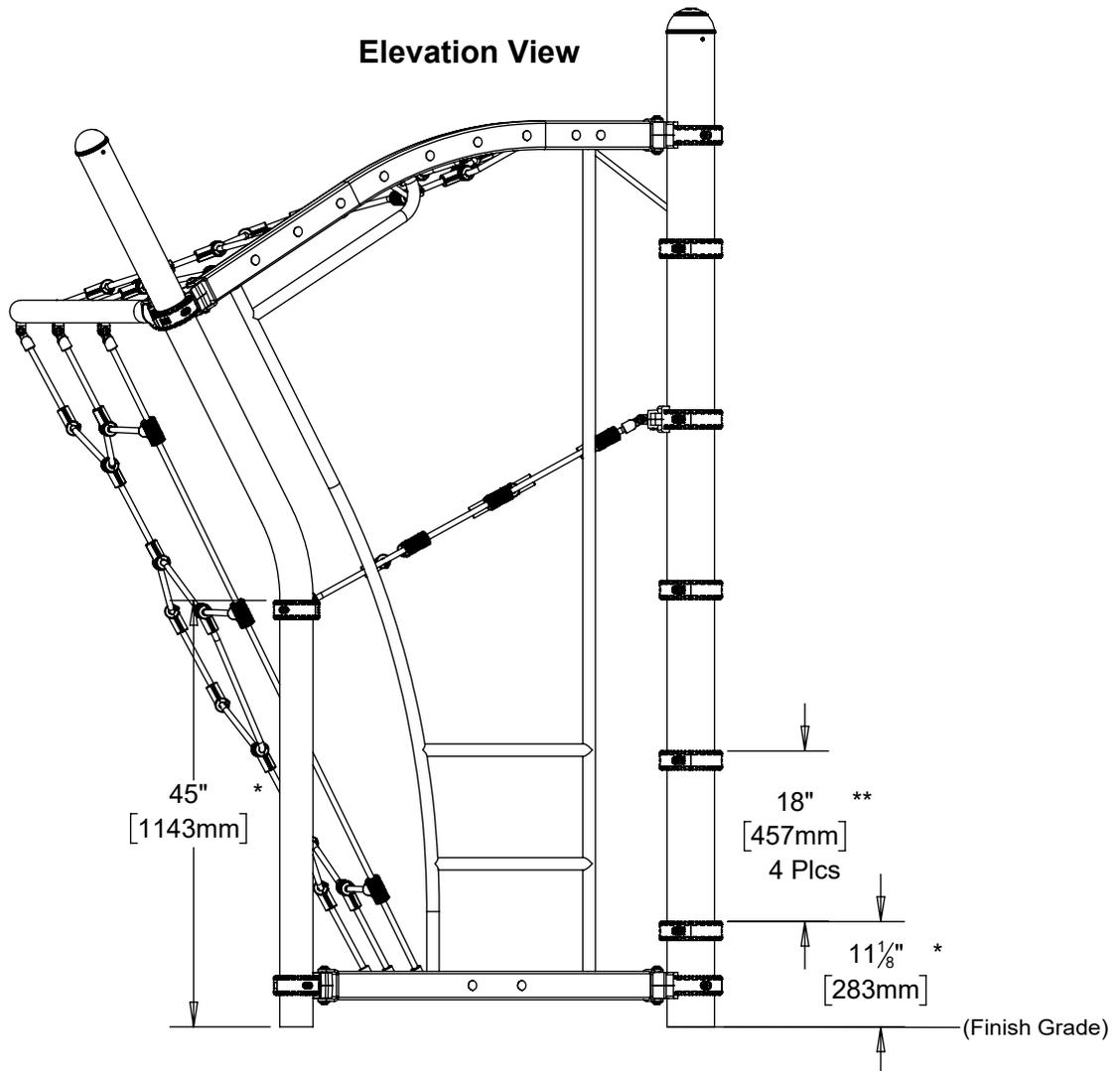
**NOTE:** NFuse Non-Deck Mount Bay shown. Other configurations will vary slightly, but does not affect assembly.

# Step 1

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

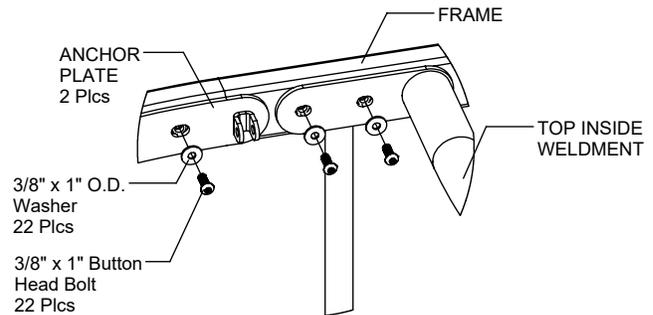
\* Height shown from finish grade to top of collar.

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

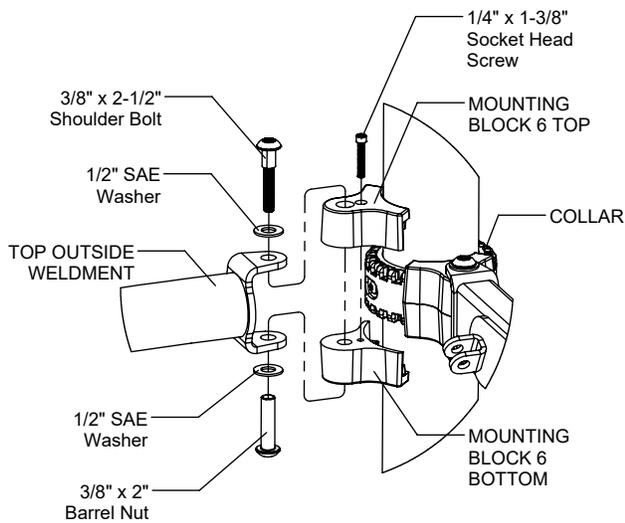


## Step 2

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



**Figure 1.1**



**Figure 1.2**

## Step 3

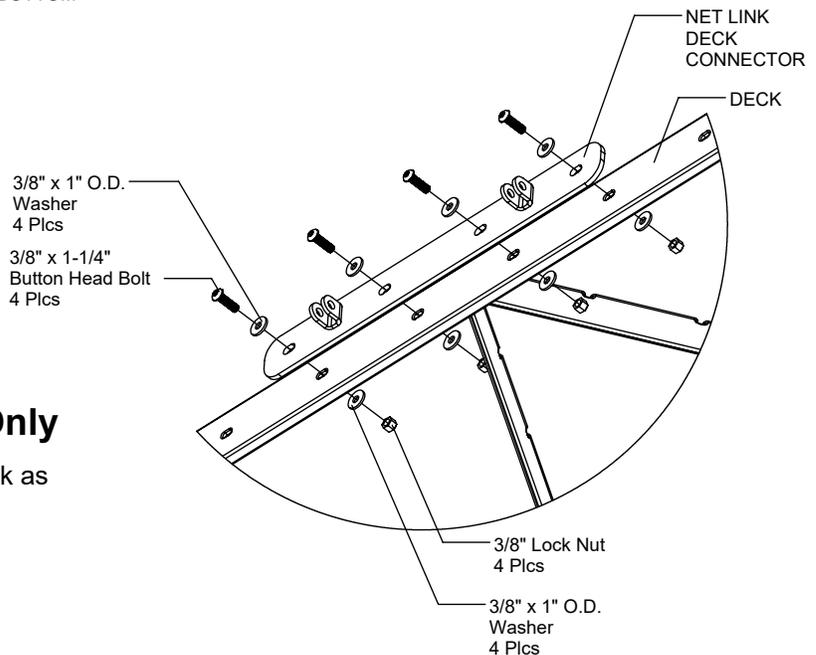
Attach Top Outside Weldment to Collars as shown in Figure 1.2. (See Note A)

**NOTE:** 2 Places

## Step 4

### For Deck Mount Version Only

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



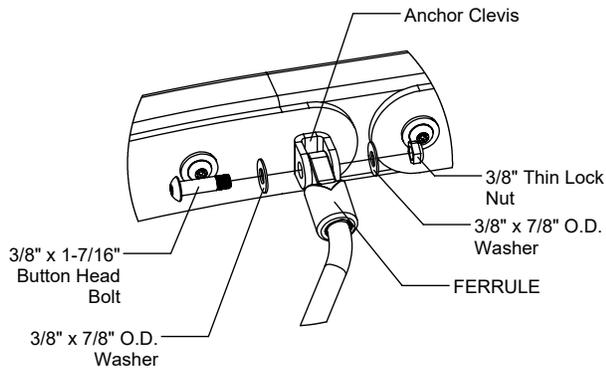
**FIGURE 2**

## Step 5

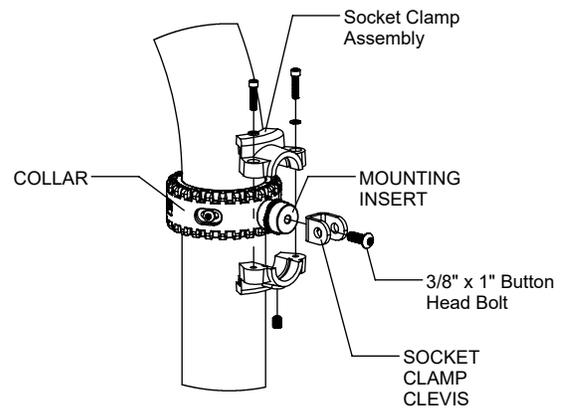
Attach each Socket Clamp Clevis to Collar as shown in Figure 1.3. (See Notes A & C)

**NOTE:**

4 Places for Deck Mount Version  
14 Places for Non-Deck Mount Version



**Figure 1.4**



**Figure 1.3**

## Step 6

Attach the Ferrules on Top Net, Inner Net, Front Net, and Deck Link Net 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  
10 Places for Front Net  
4 Places for Deck Link Net

## Step 7

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

**NOTE:**

10 Places for Inner Net  
4 Places for Mid Net

## Step 8

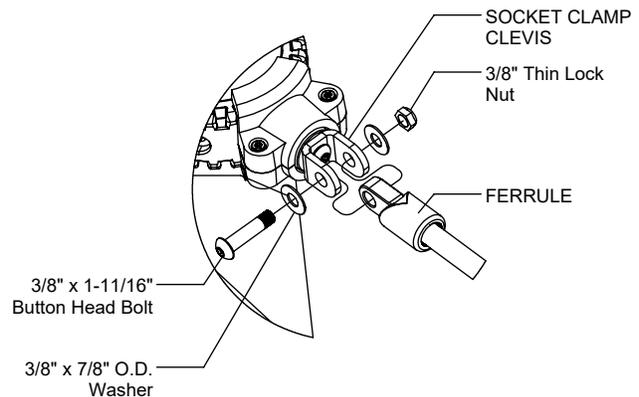
Fully tighten all fasteners according to the "TIGHTENING TORQUE FOR HARDWARE" section of the Installation Manual.

## 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 Hex Net Bay. (See Note E)



**Figure 1.5**

# NFUSE HEX NET BAY INSTALLATION INSTRUCTIONS

**5201**  
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## Parts List

NON-DECK MOUNT		
Part #	DESCRIPTION	QTY
BE-1105	Socket Clamp Rope Clevis	14
FS-5201-B	NFuse Hex Net Bay - Bottom Weldment	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-5201-TO	NFuse Hex Net Bay - Top Outside Weldment	1
GE-7015	Mounting Insert	14
GG-8125	Mounting Block 6 Top R3.5	2
GG-8127	Mounting Block 6 Bottom R3.5	2
HM-0001-FN	NFuse Hex Net Bay - Front Net	1
HM-0001-IN	NFuse Hex Net Bay - Inner Net	1
HM-0001-MN	NFuse Hex Net Bay - Mid Net	1
HM-0001-TN	NFuse Hex Net Bay - Top Net	1
HS-1001-R35	Socket Clamp Set R3.5	2
HS-1001-R5	Socket Clamp Set R5	12
9103052-TR	Bolt Button Head 3/8" x 1"	36
9103200-TR	Bolt Button Head 3/8" x 1-7/16"	26
9103210-TR	Bolt Button Head 3/8" x 1-11/16"	14
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	2
9281062-5-TR	Screw Soc HD 1/4" x 1-3/8"	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	22
9333042	Washer Flat 3/8" x 7/8" O.D.	80
9345002	Washer Flat SAE 1/2"	4
9423002	Nut Lock Thin 3/8"	40
9443092-TR	Nut Barrel 3/8" x 2" BH	2

## Parts List

DECK MOUNT		
Part #	DESCRIPTION	QTY
BE-1105	Socket Clamp Rope Clevis	4
FS-1528	Angled Net Link Deck Connector	1
FS-5201-B	NFuse Hex Net Bay - Bottom Weldment	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-5201-TO	NFuse Hex Net Bay - Top Outside Weldment	1
GE-7015	Mounting Insert	4
GG-8125	Mounting Block 6 Top R3.5	2
GG-8127	Mounting Block 6 Bottom R3.5	2
HM-0001-DN	NFuse Deck Link Net	2
HM-0001-FN	NFuse Hex Net Bay - Front Net	1
HM-0001-MN	NFuse Hex Net Bay - Mid Net	1
HM-0001-TN	NFuse Hex Net Bay - Top Net	1
HS-1001-R35	Socket Clamp Set R3.5	2
HS-1001-R5	Socket Clamp Set R5	2
9103052-TR	Bolt Button Head 3/8" x 1"	26
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	4
9103200-TR	Bolt Button Head 3/8" x 1-7/16"	28
9103210-TR	Bolt Button Head 3/8" x 1-11/16"	4
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	2
9281062-5-TR	Screw Soc HD 1/4" x 1-3/8"	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	30
9333042	Washer Flat 3/8" x 7/8" O.D.	64
9345002	Washer Flat SAE 1/2"	4
9413002	Nut Lock 3/8"	4
9423002	Nut Lock Thin 3/8"	32
9443092-TR	Nut Barrel 3/8" x 2" BH	2



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**Rev B**  
9/23/2021

## Specifications

### **SOCKET CLAMP ROPE CLEVIS:**

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

### **NFUSE HEX NET BAY - BOTTOM WELDMENT:**

Shall be fabricated using 1.660" O.D. 11 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.

### **NFUSE HEX NET BAY - BRACKET:**

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 & TOP OUTSIDE WELDMENT:**

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 - NETS:**

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

### **ANGLED NET LINK DECK CONNECTOR:**

Shall be fabricated using 1/4" thick steel with welded 3/16" thick steel clevises and will 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.

## 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.

