DGS Steel Rig Base Unit

SKU: NW-SR81010

Recommended Tools:

- ☐ 3/4" wrench and socket (or impact wrench)
- ☐ Level
- ☐ 2 Ladders
- ☐ Lift or at least 5 people capable of lifting 50+ lbs while on a ladder

Part Number	Part Description	Quantity
NW-SRUP10-NF	10' Steel Upright	4
NW-SRFOOT	Adjustable Steel Foot	4
NW-SRTRUSS8	8' Steel Truss	2
NW-SRTRUSS10	10' Steel Truss	2
388614	1/2-13 x 4-1/4"Hex Bolt	24
201825	1/2" Hex Nut	24
425022	Flat Washer	64
288987	Lock Washer	24
11572548	Concrete Anchor	16

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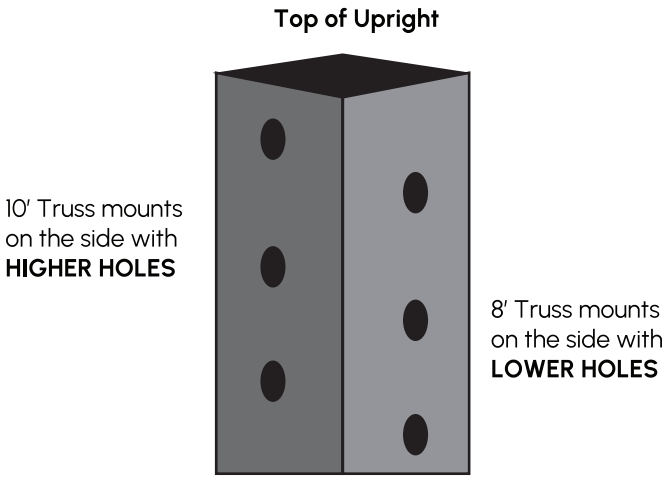
Email info@gymsupply.com

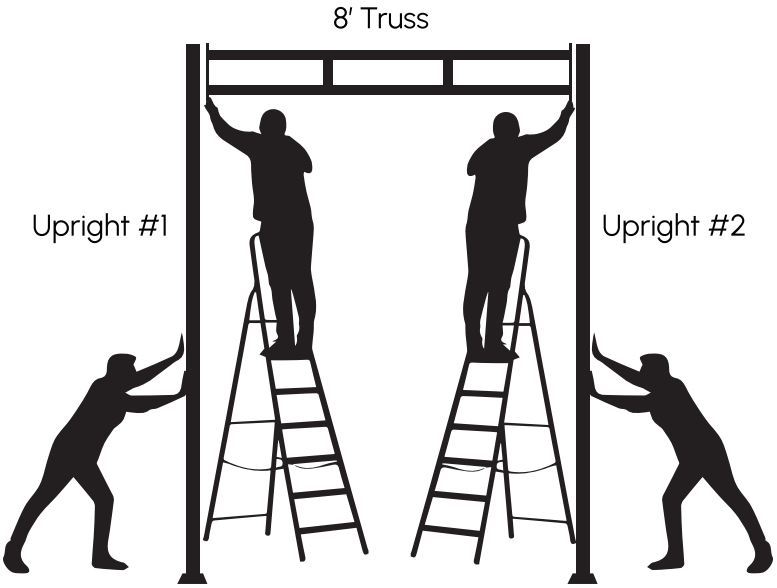
Step 1:

Lay out **10′ Steel Uprights**, noting that truss holes at the top are at different heights depending on the direction the bolt goes through.

10′ Steel Truss will mount on the side with the higher holes. **8′ Steel Truss** will mount on the side with the lower holes.

Before continuing, follow *separate instructions* for **Adjustable Steel Foot** to install one steel foot on each of the uprights.



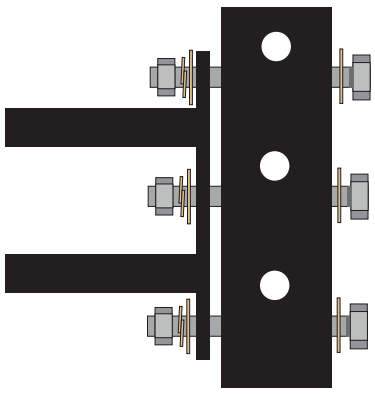


Step 2:

Stand up the first **10′ Steel Upright** and have at least one person support in place. Repeat with another upright, then check that the upright holes are aligned properly.

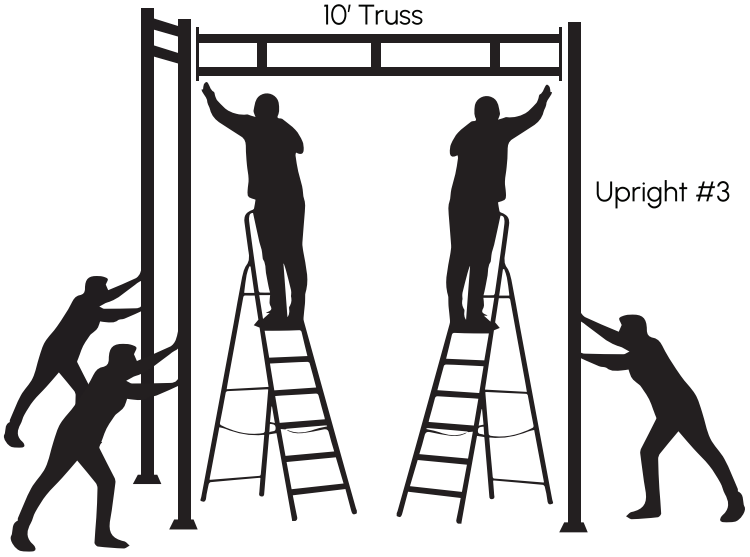
Step 3:

Have two people on ladders lift an **8′ Steel Truss** into place. Secure using three **4.25″ Bolts** with **Flat and Lock Washers** as shown on each side. Do not fully tighten bolts until all rig sections are assembled.



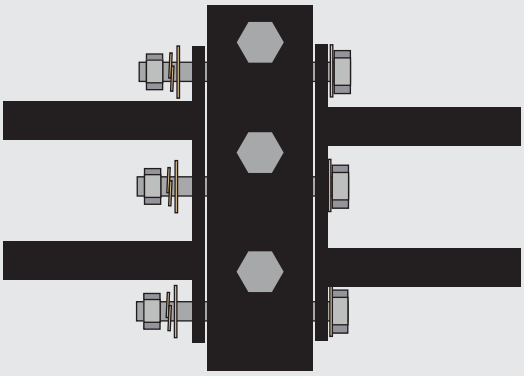
Step 4:

Have another person support a third upright, while the two people on ladders lift and secure a **10′ Steel Truss** perpendicular to the already assembled section using three **4.25″ Bolts** with **Flat and Lock Washers** on each side.



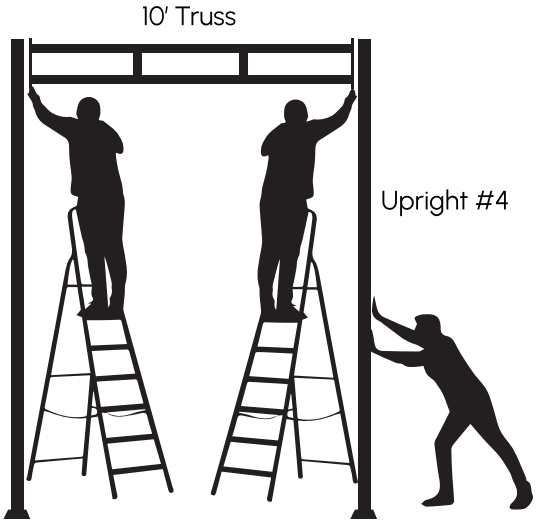
IMPORTANT

If installing additional sections, continue on following the same pattern, being sure the holes on the uprights are in the correct position before attaching truss. When installing additional sections, the same set of bolts will be used to secure the truss on opposing sides of the uprights, as shown in the diagram.



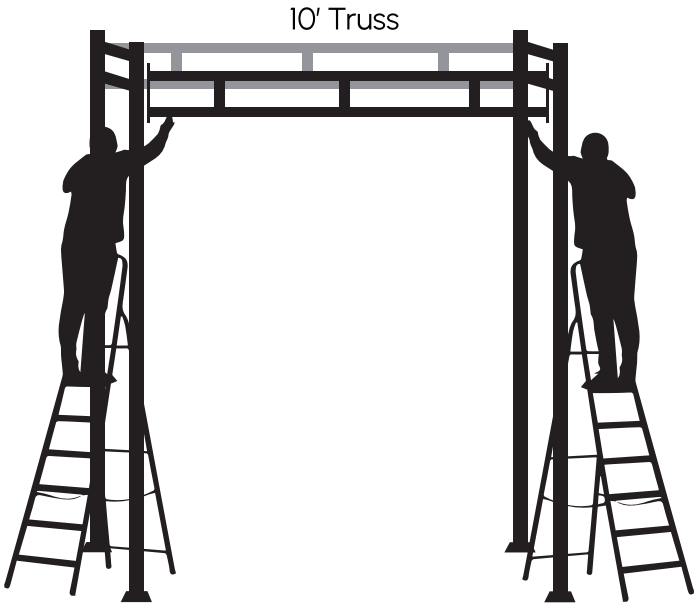
Step 5:

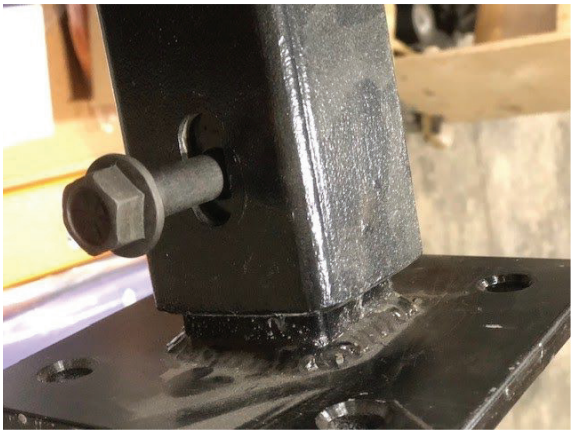
Repeat Step 4 using a fourth upright and a second **8′ Steel Truss**. Then have the two people on ladders put the final **10′ Steel Truss** into place.



Step 6:

Check to make sure uprights are vertical using a level and then tighten down all bolts. If your floor is unlevel it may be neccessary to use the included shims under the feet of the uprights.





Step 7:

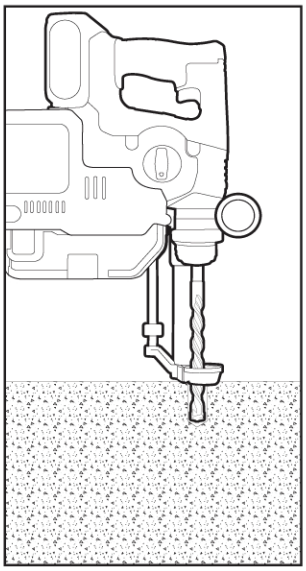
To level the **Adjustable Steel Feet**, use hands or pry bar (if needed) to raise or lower each upright into desired position while tightening the included bolts.

Once the bolt has been tightened into the insert, install the included nuts onto back end of the bolt on opposite side of upright and tighten.

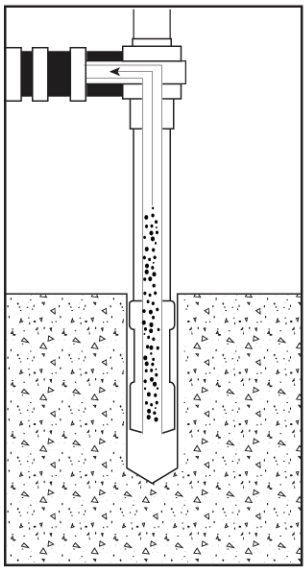
Step 8:

Once leveled, secure rig to the floor using **Concrete Anchors**, 4 for each upright.

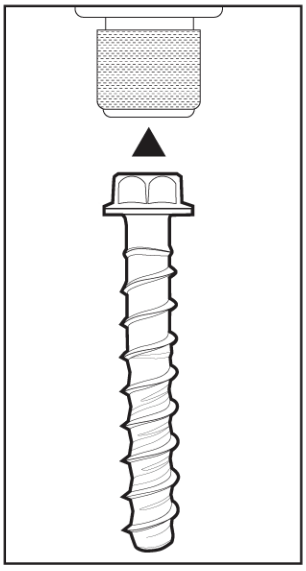
Concrete Anchors Installation Instructions



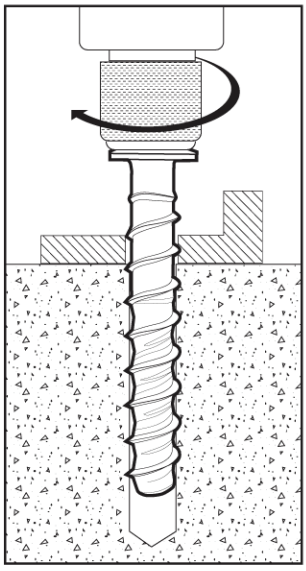
Step 1
Using a 3/8" drill bit size, drill a hole into the base material to a minimum 2-3/8" depth. The tolerances of the drill bit used should meet the requirements of ANSI standard B212.15



Step 2
Remove dust and debris from hole during drilling (e.g. dust extractor, hollow bit) or following drilling (e.g. suction, forced air) to extract loose particles created during drilling.



Step 3
Select a torque wrench or powered impact wrench and do not exceed 300 ft-lbs maximum torque, $T_{inst,max}$ or $T_{impact,max}$ respectively for the selected anchor diameter and embedment. Attach a 9/16" hex socket/driver to the impact wrench. Mount the screw anchor head into the socket.



Step 4
Drive the anchor into the hole until the head of the anchor comes into contact with the fixture. The anchor must be snug after installation. Do not spin the hex socket off the anchor to disengage.