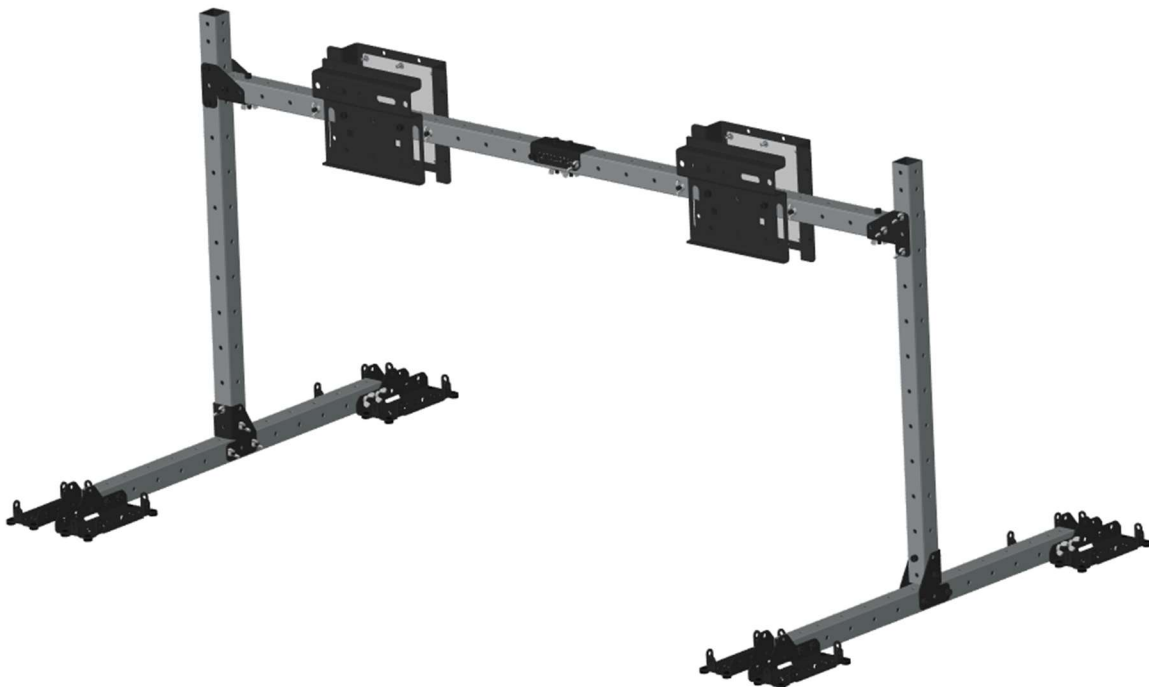


V U L K A



F I R E E Q U I P M E N T

VTS Field Guide:
Clean Side & Dirty Side Add-On







SAFETY PRECAUTIONS



ALWAYS Use Personal Protective Equipment

Always wear appropriate P.P.E. including helmet, gloves, and eye protection when setting up and operating this equipment. Wear hearing protection during the operation of powered equipment.

Never Exceed Weight Limitations

Weight limitations for this equipment are available in this guide. Under most circumstances, this equipment can support 1500 pounds, inclusive of the weight of lumber/sheathing/materials used.

Never Use Damaged Parts

If a part is bent, cut, dented or otherwise damaged, DO NOT use that part. Replacement parts are available by contacting support@vulkafire.com. Paint/powder coat chipping and scratching are expected during normal use and will not affect the equipment operationally.

Always Use Official Vulka Parts and Hardware

Only use parts and equipment designed for this product. Using anything other than Vulka Fire Equipment approved parts will void the warranty and could lead to failure of the system and subsequent injury. Replacement parts are available by contacting support@vulkafire.com.

Do Not Practice Techniques You Have Not Been Trained On

Firefighting is a dangerous job and the techniques involved could lead to injury, even in a controlled environment, if executed poorly or improperly. Always ensure that instructors are trained and competent in the subject matter being practiced and are appropriately trained to instruct.

Do Not Operate Power Tools or Equipment You Are Not Familiar With

Always follow the manufacturer's recommended operating procedures and safety precautions when using power tools and equipment. Failure to do so could result in injury.

Always Use Fall Protection When Operating at Height

Most configurations of this system will not place the user above 4' off the ground. If using a configuration that places personnel above 4', ensure fall protection is provided per OSHA requirements.





Overview

The Clean Side and Dirty Side plates provide the ability to realistically train on vehicle rescue stabilization and lifting scenarios without needing junk cars. The Clean Side plates provide a consumable piece of sheet metal to create your own purchase points or use specially designed sheet metal heads on your rescue struts. The Dirty Side plates provide realistic frame rails and connection points as found on the underside of a vehicle.

Tools & Materials

The following parts and materials will be needed:

- (1) VTS Unit
- (1) Set of Clean Side plate add-ons
 - (2) Clean Side plates
 - (2) Clean Side consumables
 - (16) ¼" bolts, 1" length
 - (16) ¼" flanged wing nuts
- (1) Set of Dirty Side plate add-ons

Set Up

This Field Guide will cover how to set this configuration up properly.

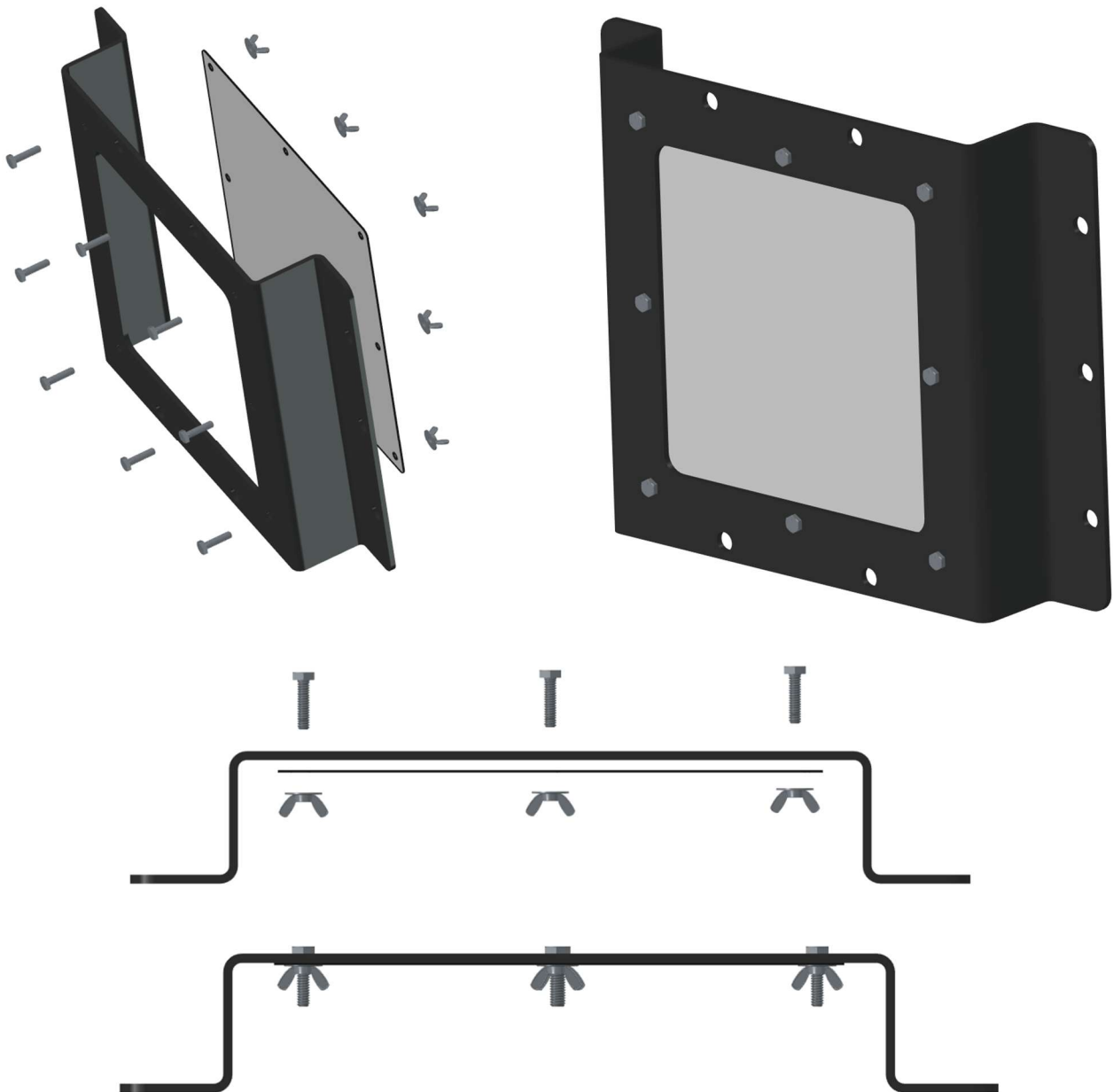
Set Up Time

Set up time should take approximately 10 minutes with at least 2 people.

Placing the Clean Side Consumable

Additional consumables available at VulkaFire.com.

To place or replace the clean side consumable, simply line up the ¼" holes on the consumable plate to the back side of the Clean Side plate. The flanged wingnuts should be placed on the back side of the consumable, as shown below:



Inserting and Securing Bolts

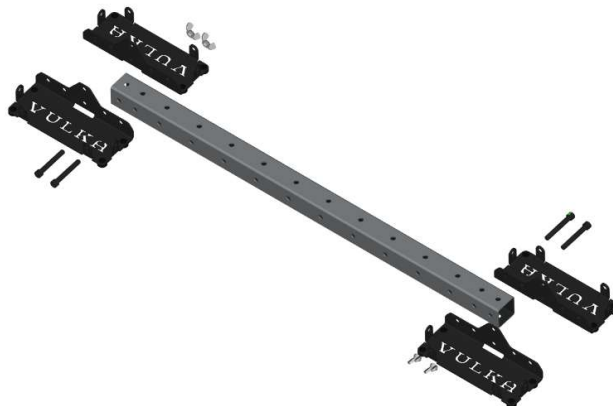
When securing bolts with wing nuts, bolts should only be hand tight. Using a 3/8" hex key will help snug the bolts tight and reduce play in the system. **Do not overtighten the bolts or use any powered tools on the bolts.** Overtightening the bolts could lead to permanent bending of the brackets and difficulty removing the bolts. Though uncommon, a bolt may require light tapping with a rubber mallet when inserting or removing due to slight hole size variance and/or powder coating thickness – if this is needed, be sure to use as little force as necessary to get the bolt through.

It is recommended to use the 3/8" hex key to tighten bolts until brackets are firmly in place with little play.

Assembly – Pitched Roof/Peaked Roof

1. Assembling the Structure

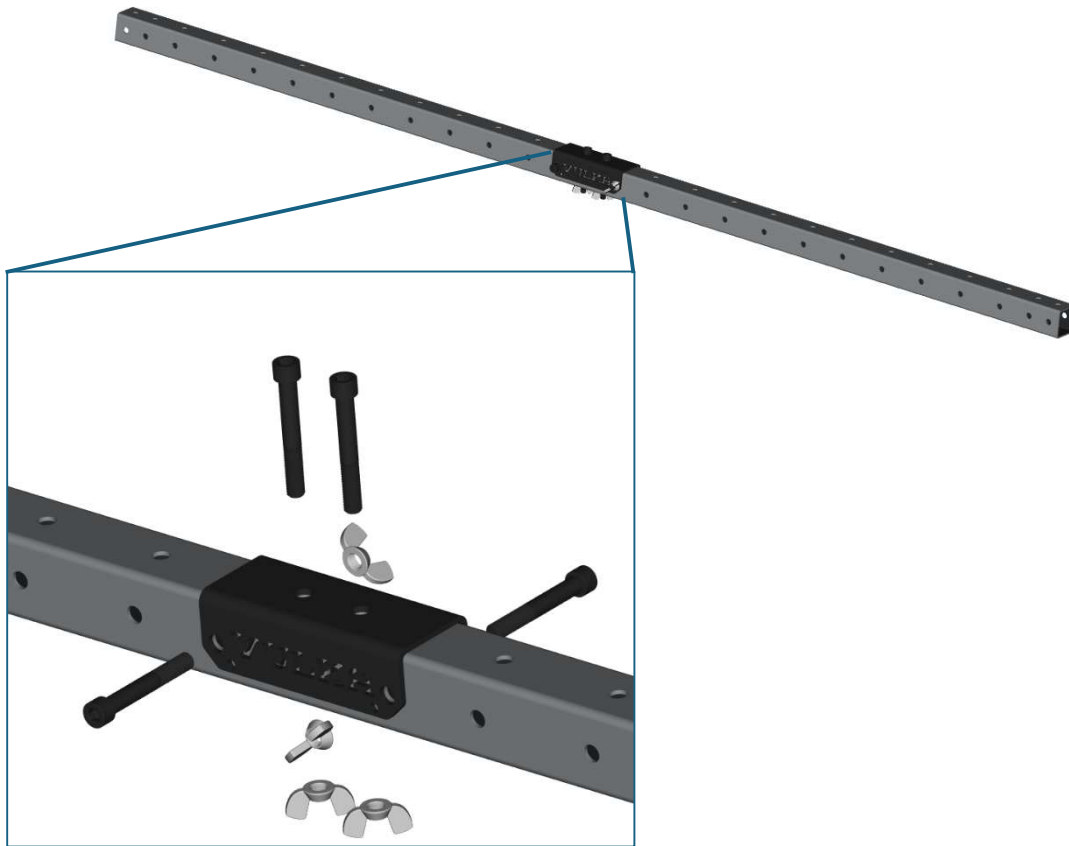
- a. Assemble (2) base rails in the following configuration:



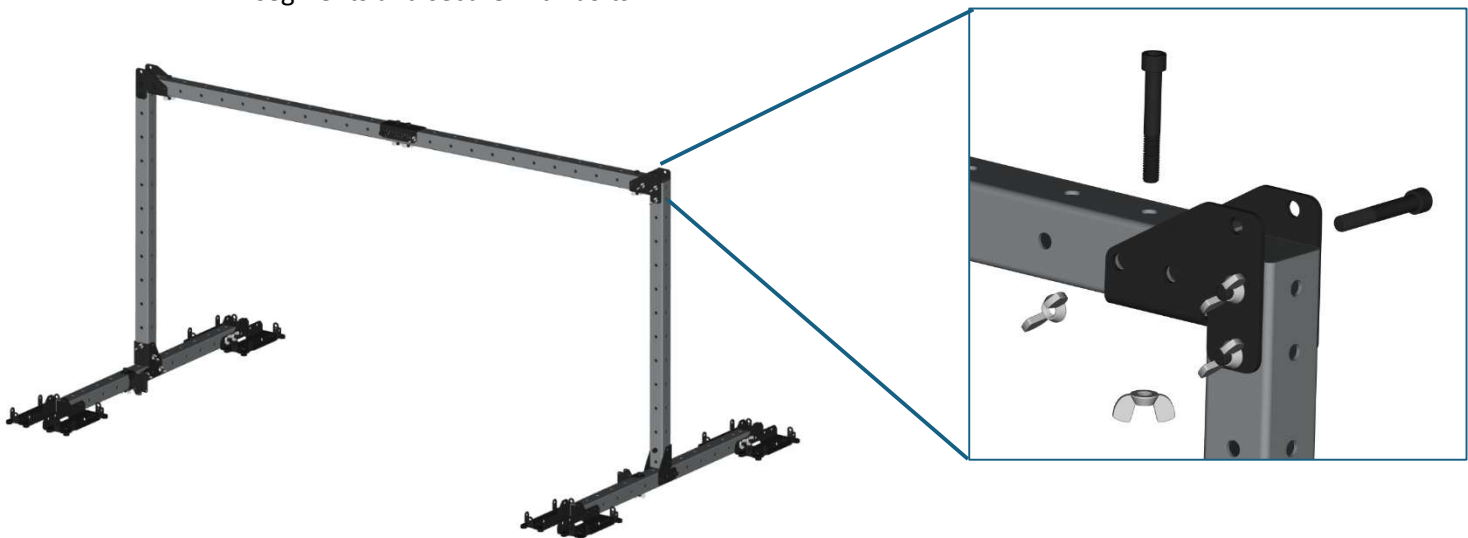
- b. Assemble the uprights on each base rail using a tube and elbow. Ensure that both uprights are placed opposite of each other. Place a second elbow for the cross beam.



- c. Assemble the cross bar at either 8' or 12' length using 2 or 3 tubes, respectively. The 8' configuration is shown here:

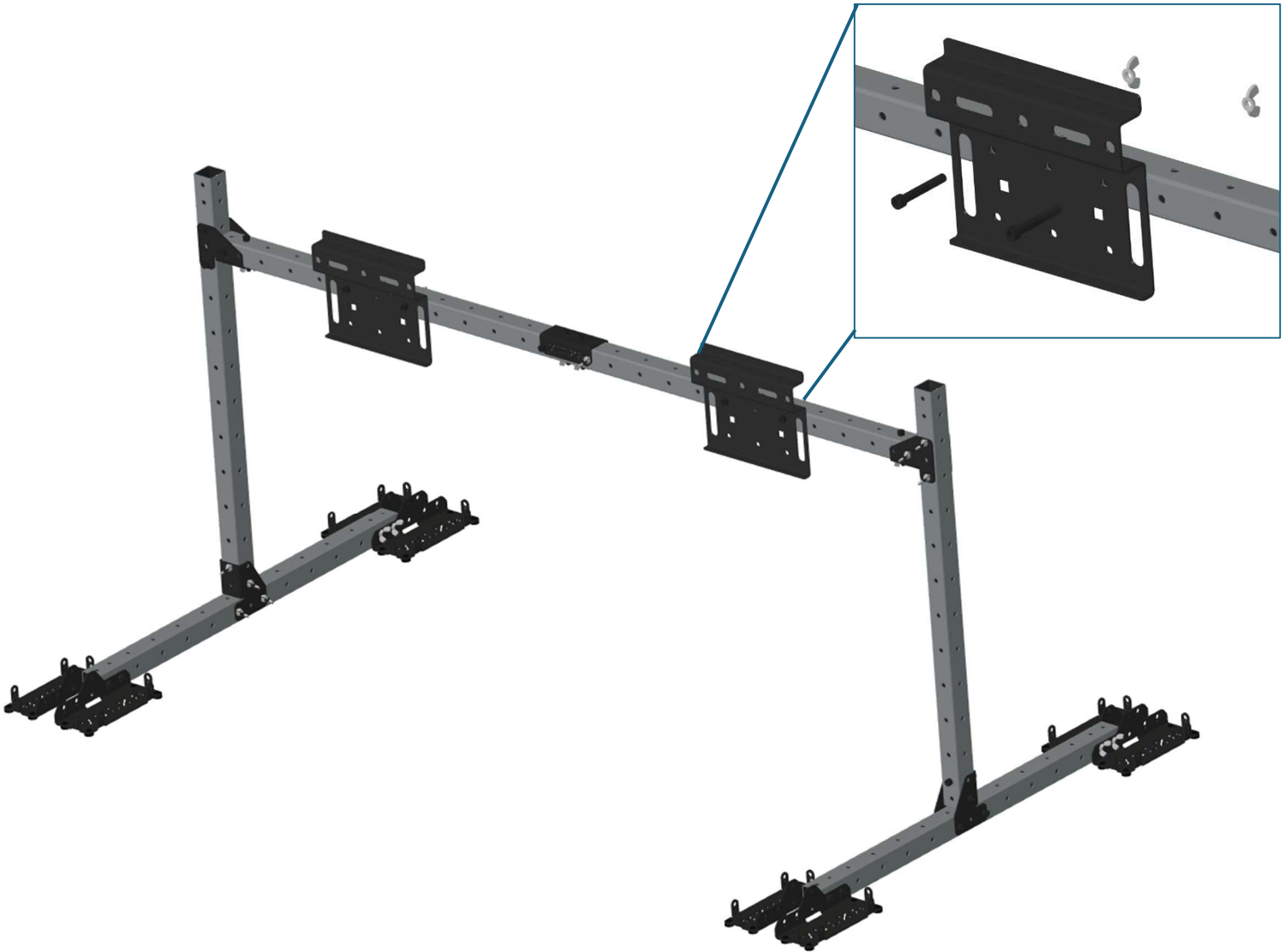


- d. Using a minimum of 2 people, place the cross bar into the elbows on the upright segments and secure with bolts:



2. Attach the Add-On Plates

- a. It's recommended to place the Dirty Side plates first for ease of installation. There are several ways that the holes will line up on the VTS tube, including vertically. Shown here is one method:

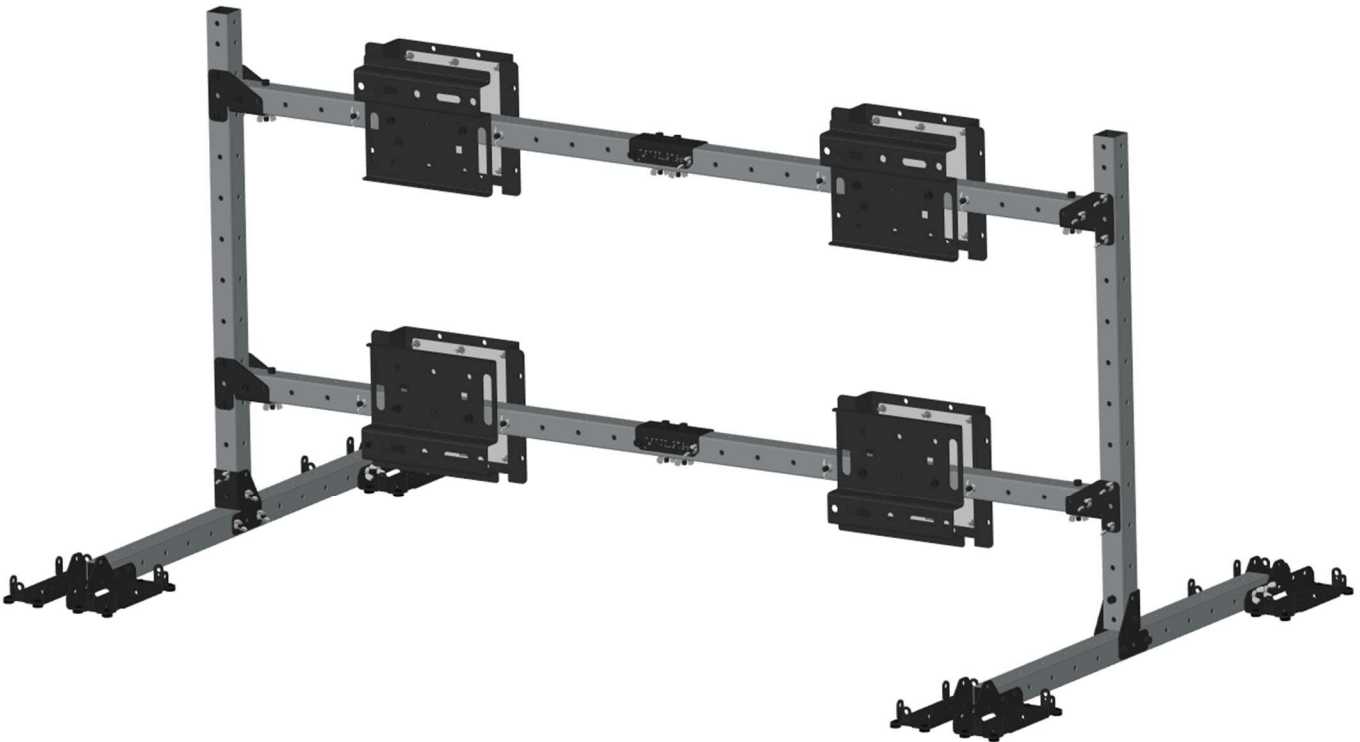


- b. Next, add the clean side plates. There are several ways that the holes will line up on the VTS tube, including vertically. Shown here is one method:



3. Adding Additional Plates

By repeating steps 1 (c) through 2 (b), an additional tube can be placed to simulate lower connection points if desired. This will require additional plates, available at vulkafire.com.



4. Final Assembly & Check

Before use, be sure to verify that all bolts are in place and hand tight.

At this point, the VTS is ready for use. Review safety precautions before training begins.



Question? Concerns? Improvements?

Please be sure to reach out to us at support@vulkafire.com !

General information and additional configurations are available in their own Field Guide. Please be sure to check vulkafire.com.

Add-ons for the VTS are also available at vulkafire.com!

END OF GUIDE