Generation 2

November 2025

LINK

SMITH TRAINER

LST Link Smith Trainer
Owner’s Manual

Serial Number Here

Date of Purchase

BATCA

Instructions

Congratulations on the purchase of your new Batca Link Smith Trainer. This gym will provide you with a lifetime of enjoyment to meet your strength training needs. Batca Fitness Systems strives to build the best quality gyms and to package these gyms in such a way to avoid any damage during shipping.

In order to get started with your assembly you should first familiarize yourself with this manual. It is recommended that you read through each step thoroughly before you begin. Begin by opening your boxes and separating all of your parts. Verify that all parts are accounted for and have no damage. When all parts are accounted for, you may begin your assembly. Some items may have been pre-assembled for your convenience. Please note that hardware quantities shown reflect total quantities for your gym and may not reflect actual quantities in each bag. Assemble your gym on a solid level surface. This will ensure the best possible performance, function, and safety for the gym and your workout.

Assemble your gym according to the step by step instructions found in this manual. Failure to do so will void your warranty and may result in personal injury. After assembly, you should check each station to ensure correct operation. If a problem arises, recheck your assembly with these instructions to verify correct assembly. If you are unable to correct a problem or have questions with your assembly please contact your authorized Batca dealer.

Warning

Batca Fitness Systems has built this gym to give you a safe, effective and enjoyable workout. However, there is a risk assumed by individuals who use this type of equipment. It is very important that all warnings and instructions are read and followed before beginning any exercise program.

It is also very important to read and follow the preventative maintenance schedule described in this manual. If any of the warning labels or stickers are worn, faded, torn, scratched or missing they should be replaced immediately.

<u>WARNING</u>: There is a risk assumed by individuals who use this type of equipment. To minimize risk always follow these rules.

1) It is essential that you consult with your physician before beginning any exercise program.
2) Inspect equipment before each use for loose, worn, or frayed parts (including cables, nuts and bolts). Replace parts at first signs of wear (use only genuine BATCA replacement parts). Use of equipment that is damaged, worn, frayed or not completely assembled on a solid, level surface may result in injury.
3) Make sure all adjustment pins are fully engaged before using equipment.
4) Keep all parts of the body and clothing outside the path of any moving parts of the gym. Be alert to the possibility of injury. Do not be careless.
5) Minors and children should not be allowed to play on or around this gym.
6) If you have any questions on proper use or maintenance of this gym, do not hesitate to call your local BATCA FITNESS SYSTEMS distributor or BATCA FITNESS SYSTEMS at (919) 255-1233. www.batcafitness.com

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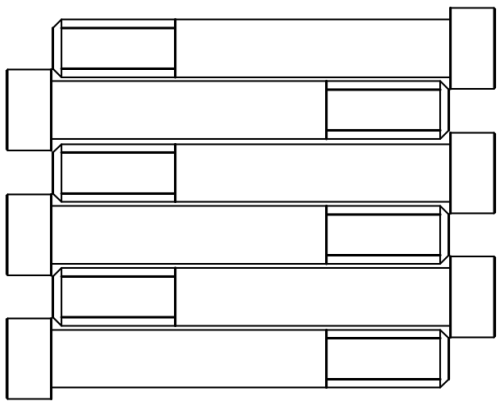
Tools Required

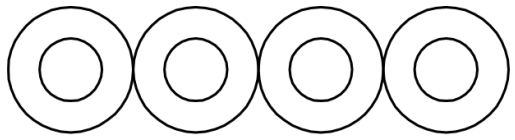
- 9/16” Wrench/Ratchet
- Metric Allen Wrench Set (M8, M6, M4)
- 3/4” Wrench
- Tape Measure

Hardware Blister Pack

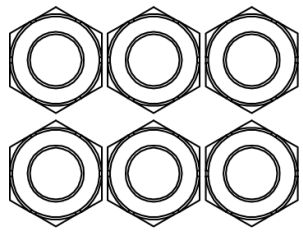
Step 1:



1/2"-13X3-1/4",6pcs

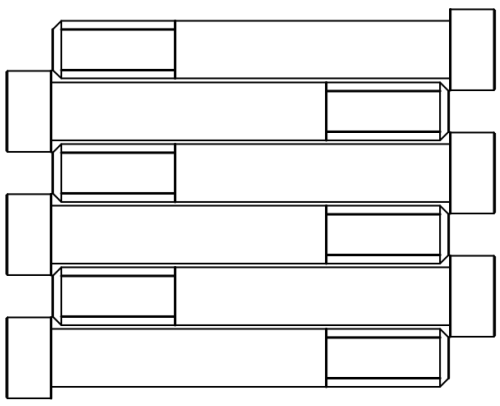


1/2" Flat Washers,Black ,12pcs

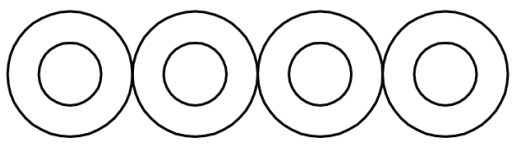


1/2"-13 Nylock,Black ,6pcs

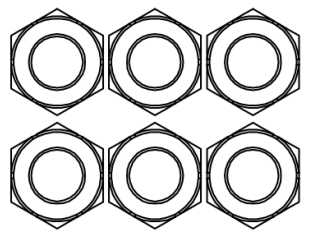
Step 2:



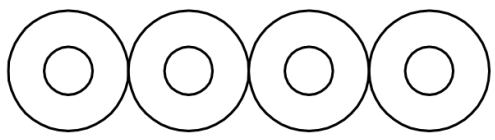
1/2"-13X3-1/4",6pcs



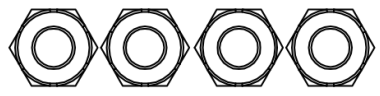
1/2" Flat Washers,Black ,12pcs



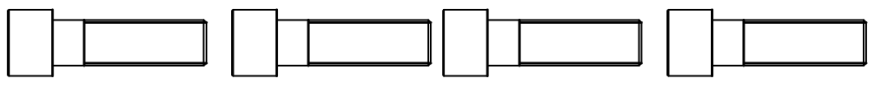
1/2"-13 Nylock,Black ,6pcs



3/8" Flat Washers,Black ,8pcs

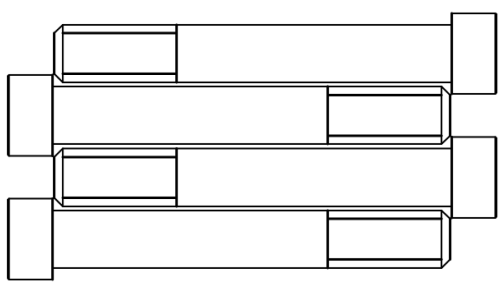


3/8"-16 Nylock,Black ,4pcs

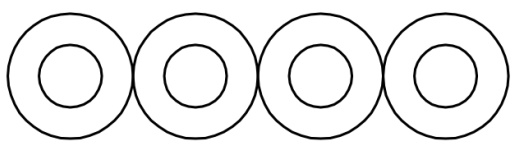


3/8"-16X1-1/4",4pcs

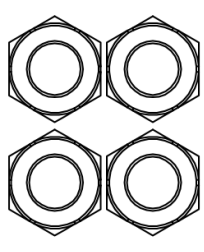
Step 3:



1/2"-13X3-1/4",4pcs



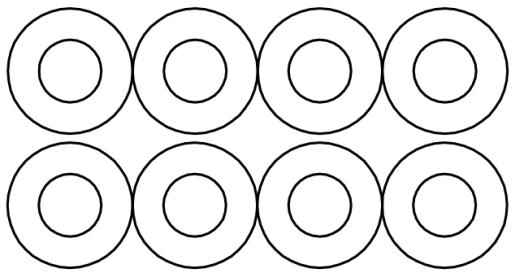
1/2" Flat Washers,Black ,8pcs



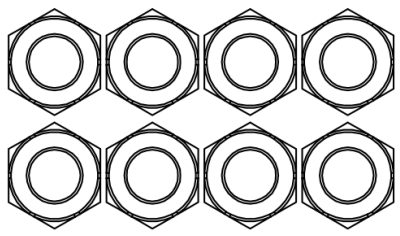
1/2"-13 Nylock,Black ,4pcs

Hardware Blister Pack

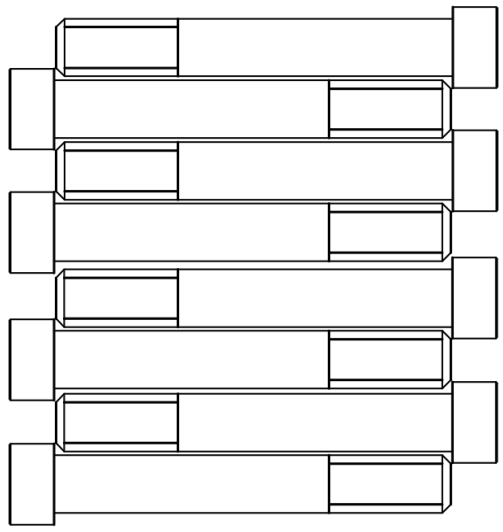
Step 4:



1/2" Flat Washers,Black ,16pcs

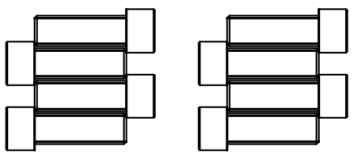


1/2"-13 Nylock,Black ,8pcs

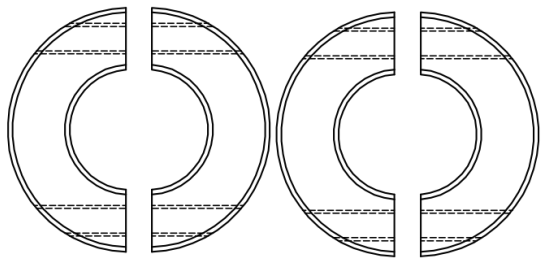


1/2"-13X3-1/4",8pcs

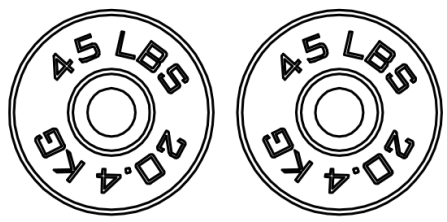
Step 5:



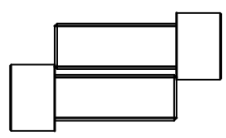
1/4"-20X3/4",8pcs



BFP-52295
Guide Rod Clamp ,4PCS

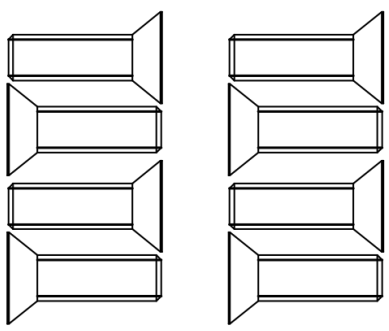


BFP-52391
1” Steel Bar Insert

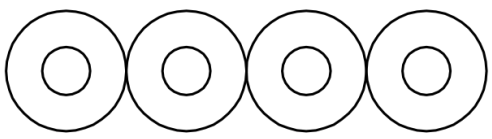


3/8"-16X1",2pcs

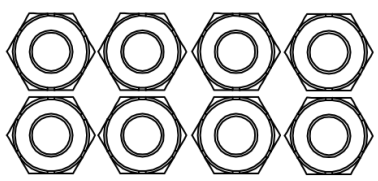
Step 6:



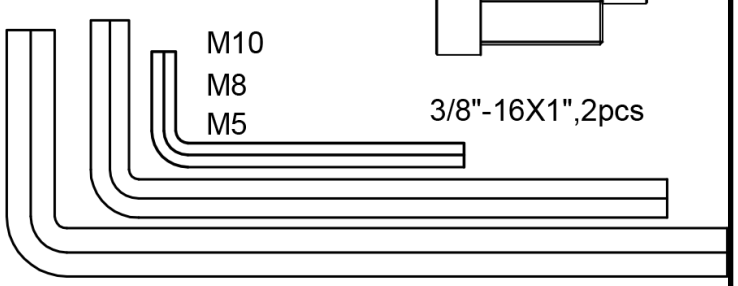
FHSCS 3/8"-13X1-1/4" ,8pcs



3/8" Flat Washers,Black ,8pcs



3/8"-16 Nylock,Black ,8pcs



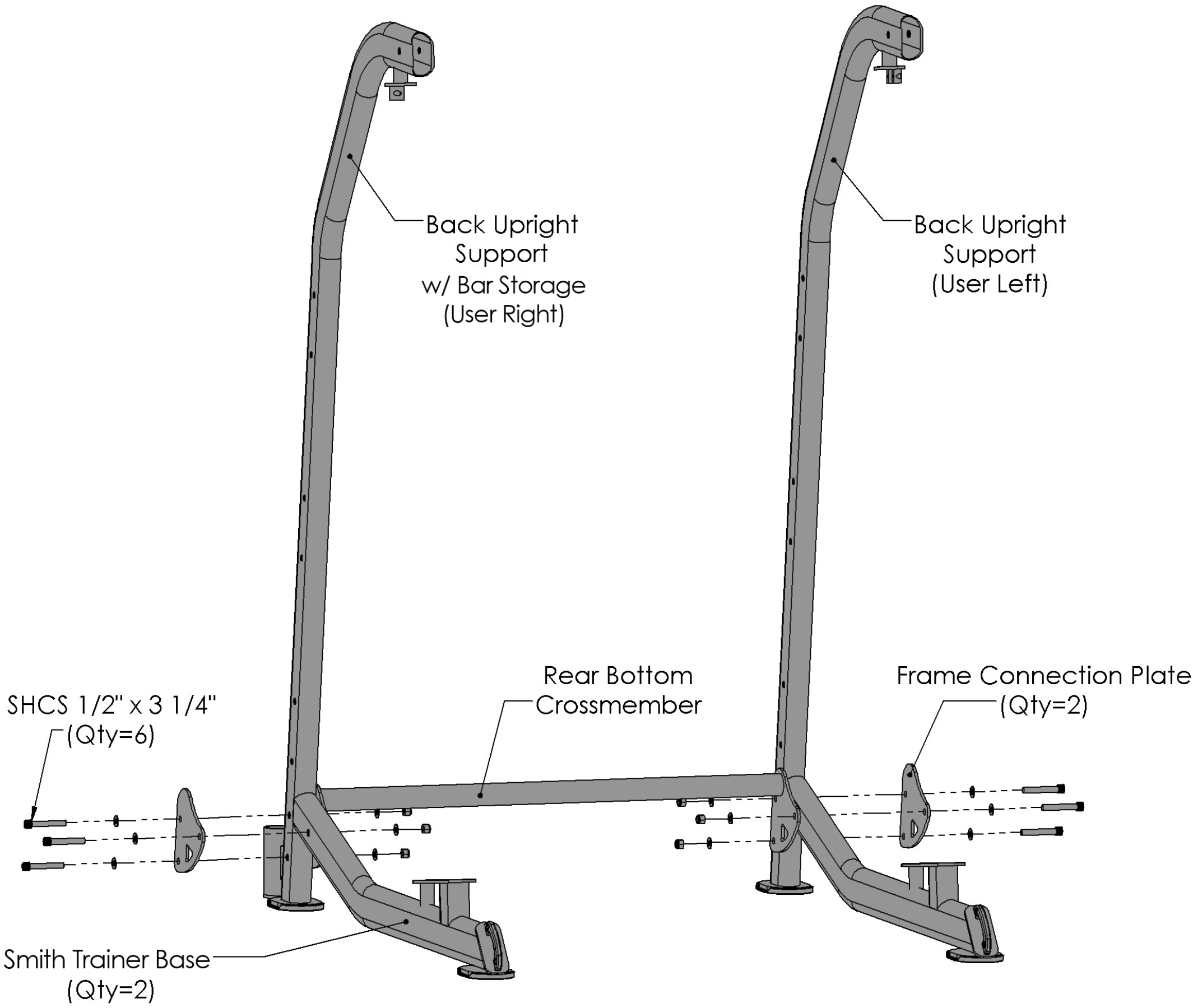
PLEASE READ AND FOLLOW ALL DIRECTIONS VERY CAREFULLY FOR PROPER INSTALLATION.

Step 1:

Note: Please Position Hardware in the same direction as shown in the figure. This will make future steps easier to assemble

All Flat Washers and Nylocks are 1/2" unless otherwise noted. Anywhere a washer is against the round side of a tube there is to be a ***3/8" CURVED WASHER*** instead of a ***3/8" FLAT WASHER.***

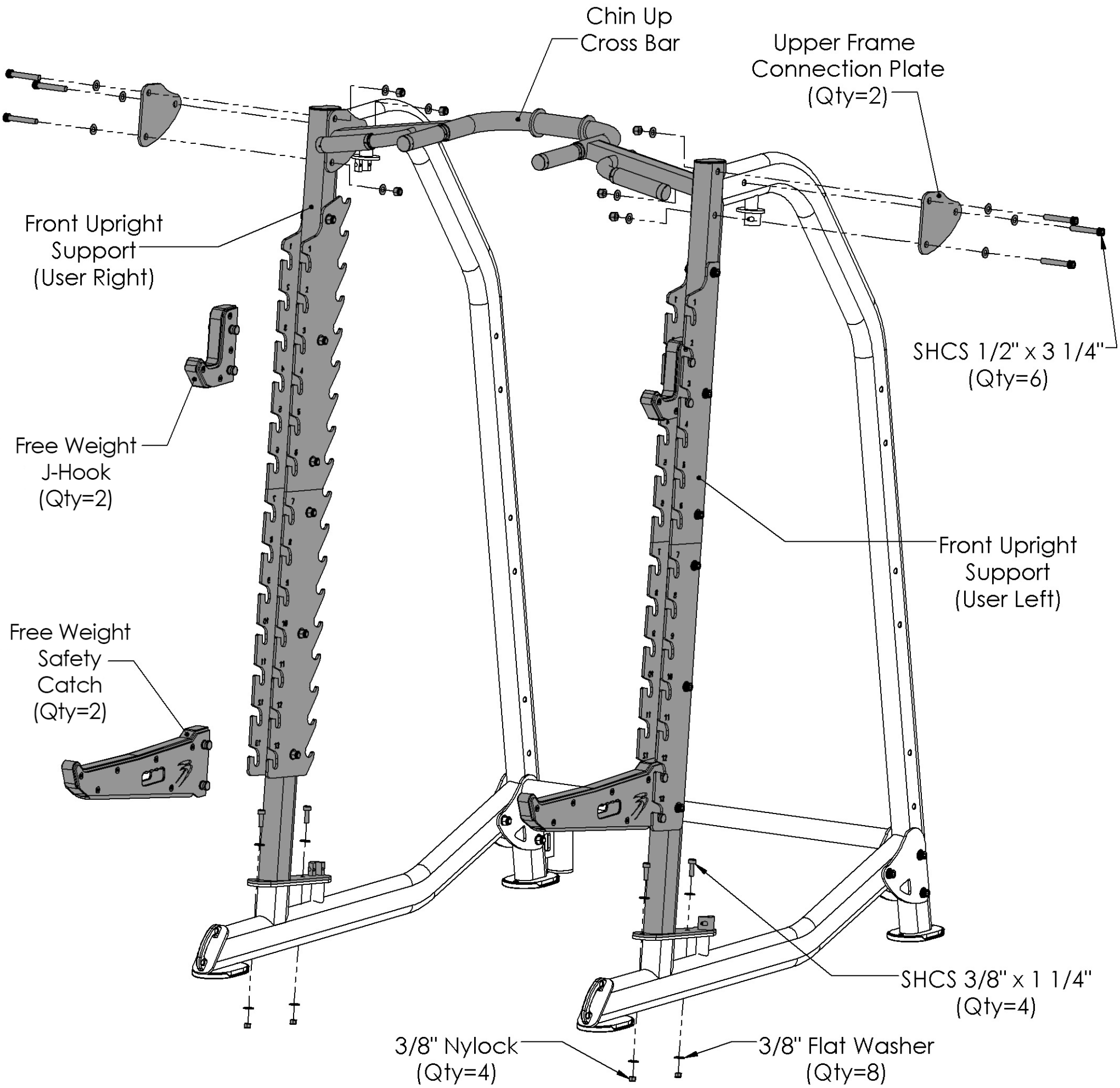
DO NOT TIGHTEN BOLTS UNTIL STEP 5



Part #	Description	Qty
BFP-11012	Back Upright Support (User Left)	1
BFP-10997	Back Upright Support w/Bar Storage (User Right)	1
BFP-52326	Frame Connection Plate	2
BFM-11353	Rear Bottom Crossmember	1
BFM-11316	Smith Trainer Base	2
BFP-52236	SHCS 1/2" x 3 1/4"	6
BFH-50251	1/2" Flat Washer	12
BFH-50155	1/2" Nylock	6

Step 2:

Do Not Tighten Bolts Until Step 5

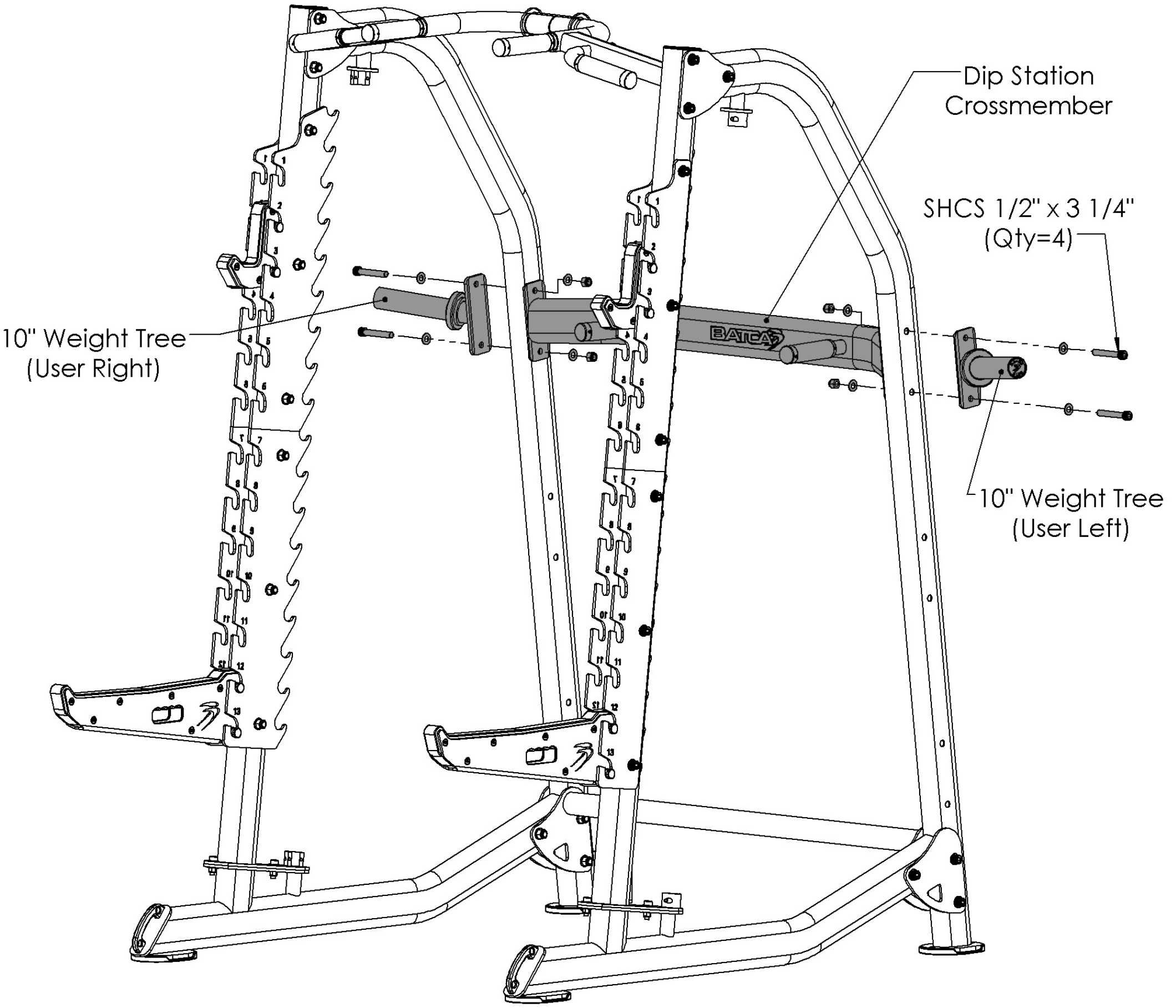


Part #	Description	Qty
BFM-11312	Front Upright Support (User Right)	1
BFM-11313	Front Upright Support (User Left)	1
BFM-11355	Chin Up Cross Bar	1
BFM-53200	Frame Connection Plate	2
BFM-11315	Free Weight J-Hook	2
BFM-11314	Free Weight Safety Catch	2
BFP-51653	SHCS 3/8” x 1 1/4”	4
BFP-52236	SHCS 1/2” x 3 1/4”	6
BFH-50146	3/8” Flat Washer	8
BFH-50251	1/2” Flat Washer	12
BFH-50157	3/8” Nylock	4
BFH-50155	1/2” Nylock	6

All Flat Washers and Nylocks are 1/2” unless otherwise noted.

Step 3:

Do Not Tighten Bolts Until Step 5



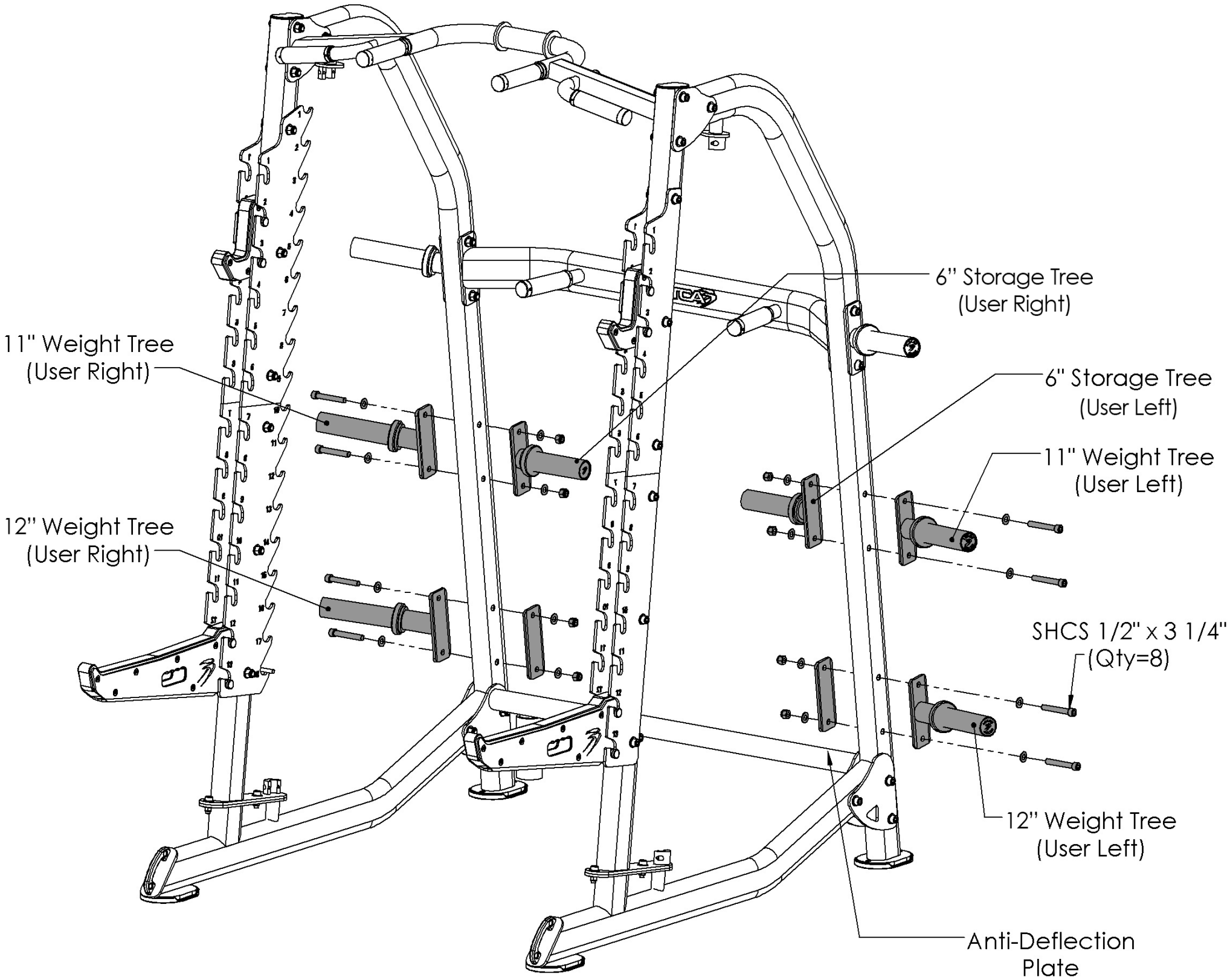
10” Weight Tree
Inserts

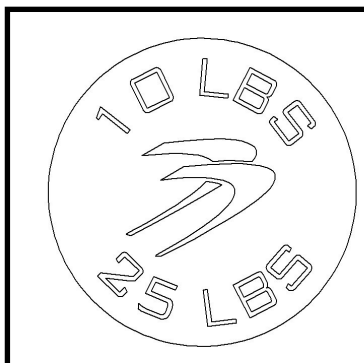
All Flat Washers and Nylocks are 1/2” unless otherwise noted.

Part #	Description	Qty
BFM-11354	Dip Station Crossmember	1
BFM-11266	10” Weight Tree (User Right)	1
BFM-11359	10” Weight Tree (User Left)	1
BFP-52236	SHCS 1/2” x 3 1/4”	4
BFH-50251	1/2” Flat Washer	8
BFH-50155	1/2” Nylock	4

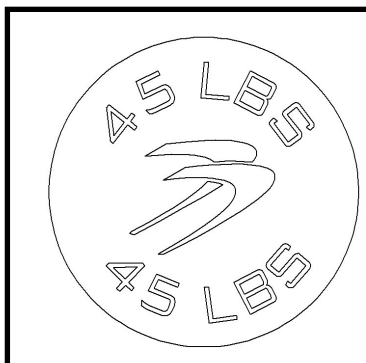
Step 4:

Do Not Tighten Bolts Until Step 5

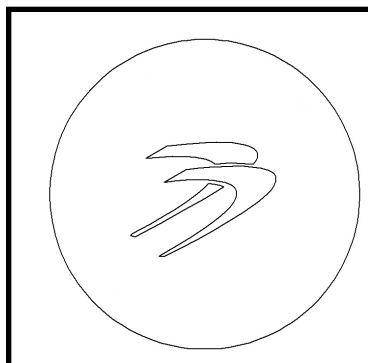




11" Weight Tree Inserts



12" Weight Tree Inserts



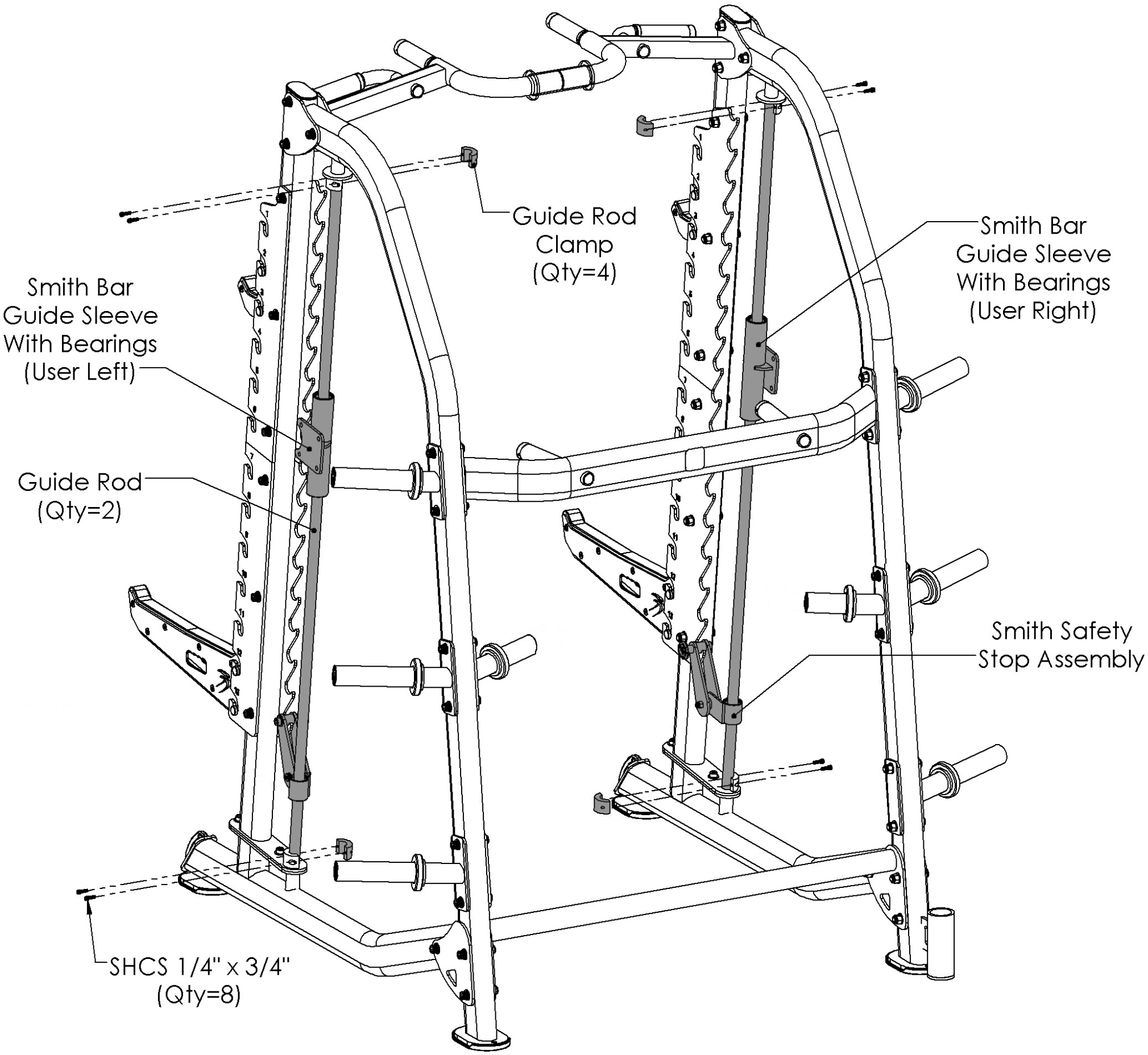
6" Storage Tree Inserts

All Flat Washers and Nylocks are 1/2" unless otherwise noted.

Part #	Description	Qty
BFM-11265	11" Weight Tree (User Right)	1
BFM-11263	11" Weight Tree (User Left)	1
BFM-11264	12" Weight Tree (User Right)	1
BFM-11261	12" Weight Tree (User Left)	1
BFM-11349	6" Storage Tree (User Right)	1
BFM-11350	6" Storage Tree (User Right)	1
BFP-52305	Anti-Deflection Plate	2
BFP-52236	SHCS 1/2" x 3 1/4"	8
BFH-50251	1/2" Flat Washer	16
BFH-50155	1/2" Nylock	8

Step 5:

⚠ Before Continuing to Step 6 Make Sure All Bolts Are Tightened. As You Are Tightening the Bolts, Make Sure all Four Feet Are Touching the Ground and the Gym is Sitting Level.

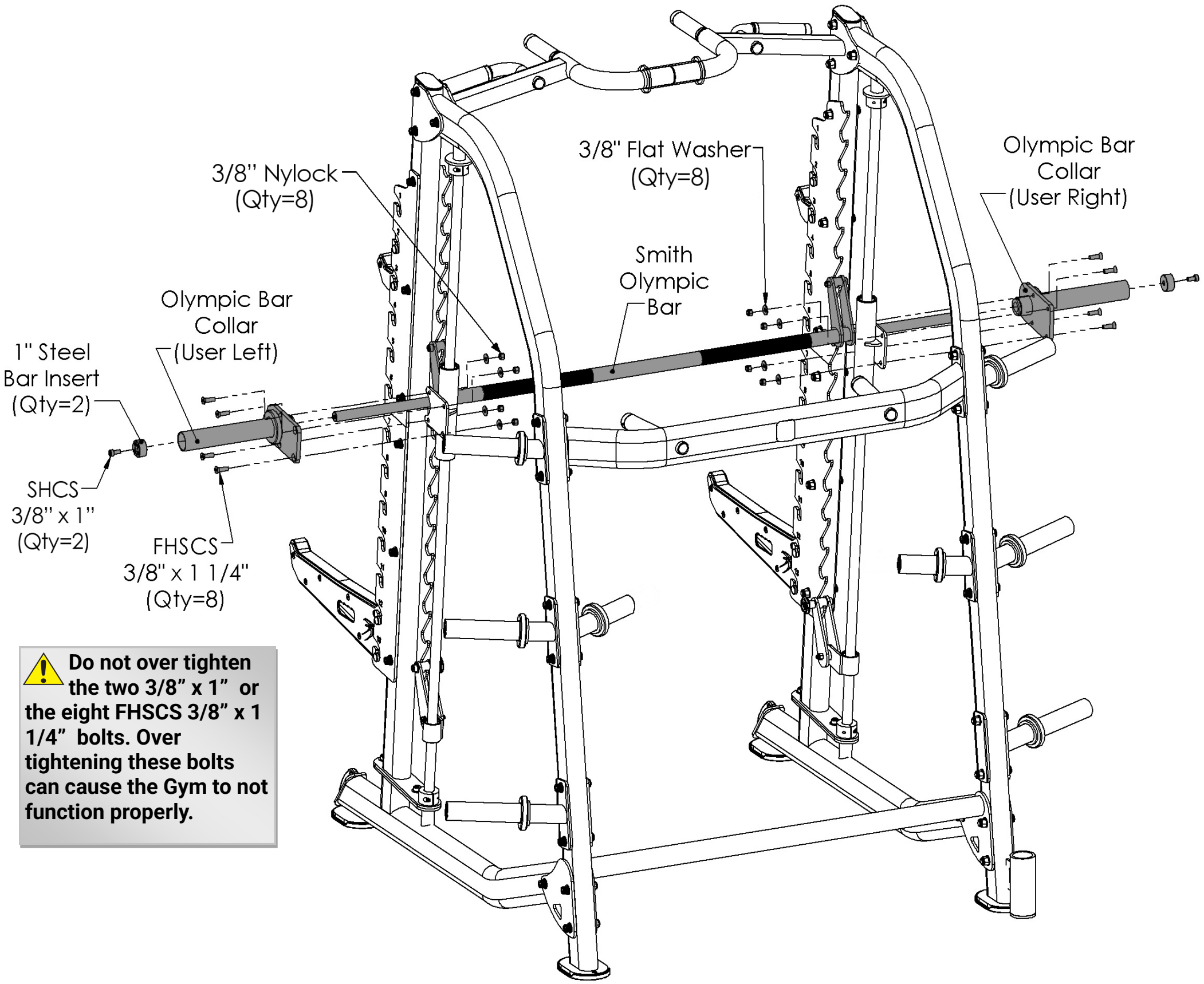


All Flat Washers and Nylocks are 1/2” unless otherwise noted.

Part #	Description	Qty
BFP-11001	Smith Bar Guide Sleeve with Bearings (User Left)	1
BFP-11003	Smith Bar Guide Sleeve with Bearings (User Right)	1
BFM-11328	Smith Safety Stop Assembly	2
BFP-52295	Guide Rod Clamp	4
BFP-52306	Guide Rod	2
BFP-52393	SHCS 1/4” x 3/4”	8

Step 6:

⚠ Make Sure All Bolts Are Tightened After Completing This Step.



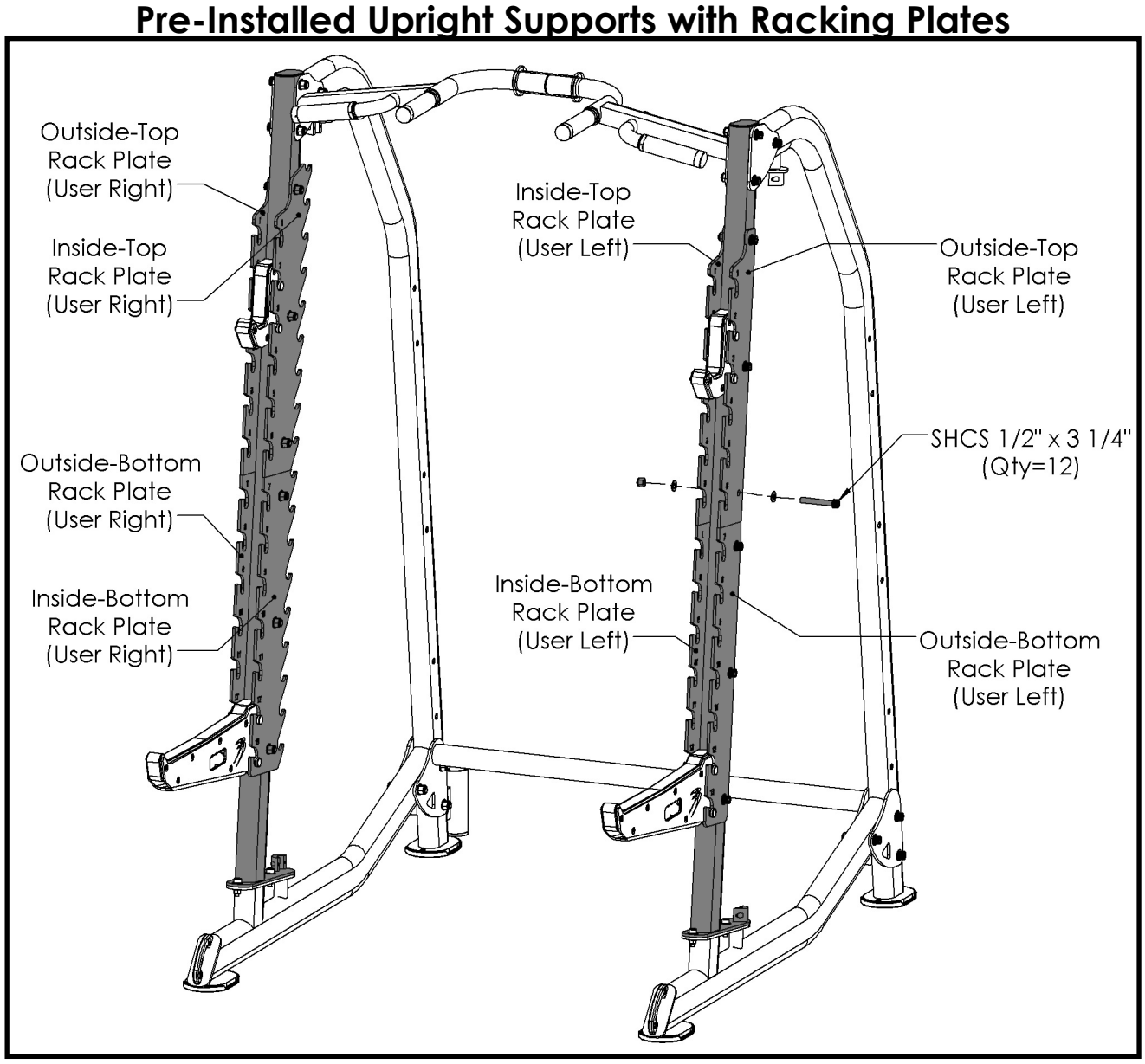
⚠ Do not over tighten the two 3/8” x 1” or the eight FHSCS 3/8” x 1 1/4” bolts. Over tightening these bolts can cause the Gym to not function properly.

All Flat Washers and Nylocks are 1/2” unless otherwise noted.

Part #	Description	Qty
BFM-11356	Smith Olympic Bar	1
BFP-11002	Olympic Bar Collar (User Left)	1
BFP-11004	Olympic Bar Collar (User Right)	1
BFP-52391	1” Steel Bar Insert	2
BFP-52376	SHCS 3/8” x 1”	2
BFP-52390	FHSCS 3/8” x 1 1/4”	8
BFH-50146	3/8” Flat Washer	8
BFH-50157	3/8” Nylock	8

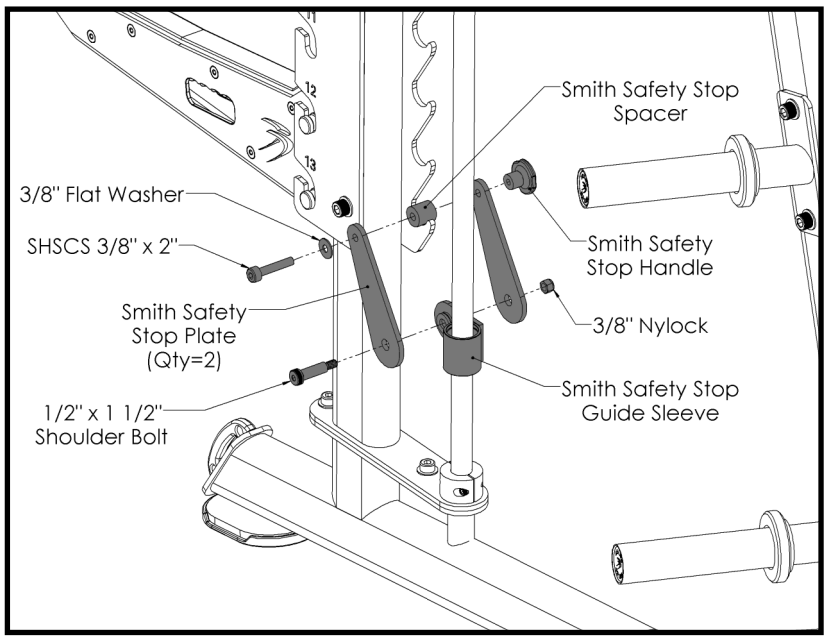
Pre-Installed Assemblies Parts List

Pre-Installed Upright Supports with Racking Plates



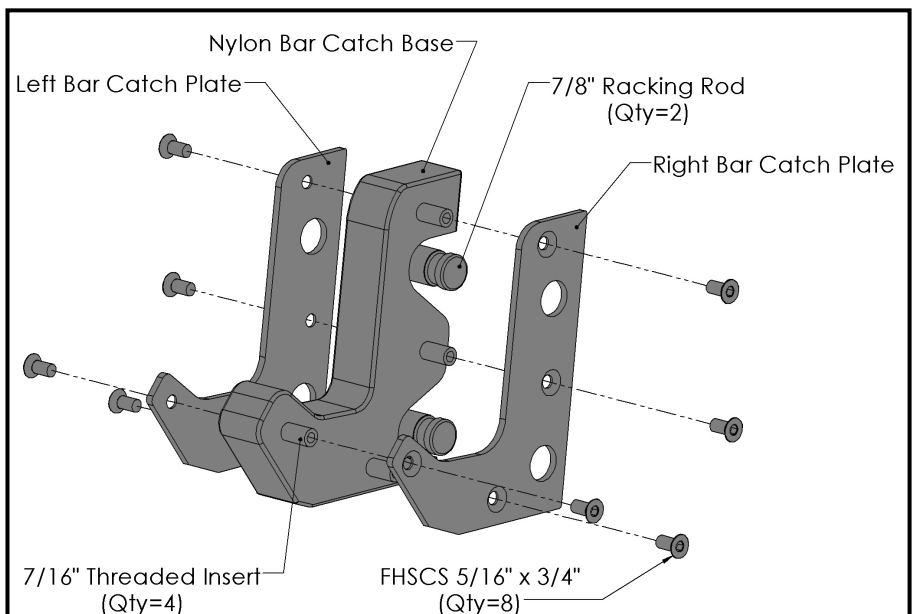
Part #	Description	Qty
BFM-53203	Outside Top Rack Plate (User Right)	1
BFM-53201	Inside Top Rack Plate (User Right)	1
BFM-53204	Outside Bottom Rack Plate (User Right)	1
BFM-53202	Inside Bottom Rack Plate (User Right)	1
BFM-53216	Outside Top Rack Plate (User Left)	1
BFM-53214	Inside Top Rack Plate (User Left)	1
BFM-53217	Outside Bottom Rack Plate (User Left)	1
BFM-53215	Inside Bottom Rack Plate (User Left)	1
BFH-50661	SHCS 1/2” x 3 1/4”	12
BFH-50251	1/2” Flat Washer	24
BFH-50155	1/2” Nylock	12

Part #	Description	Qty
BFP-10999	Smith Safety Stop Guide Sleeve	1
BFL-50268	Smith Safety Stop Plate	2
BFM-53157	Smith Safety Stop Spacer	1
BFM-52984	Smith Safety Stop Handle	1
BFH-52392	1/2” x 1 1/2” Shoulder Bolt	1
BFP-51759	SHCS 3/8” x 2”	1
BFH-50146	3/8” Flat Washer	1
BFH-50157	3/8” Nylock	1



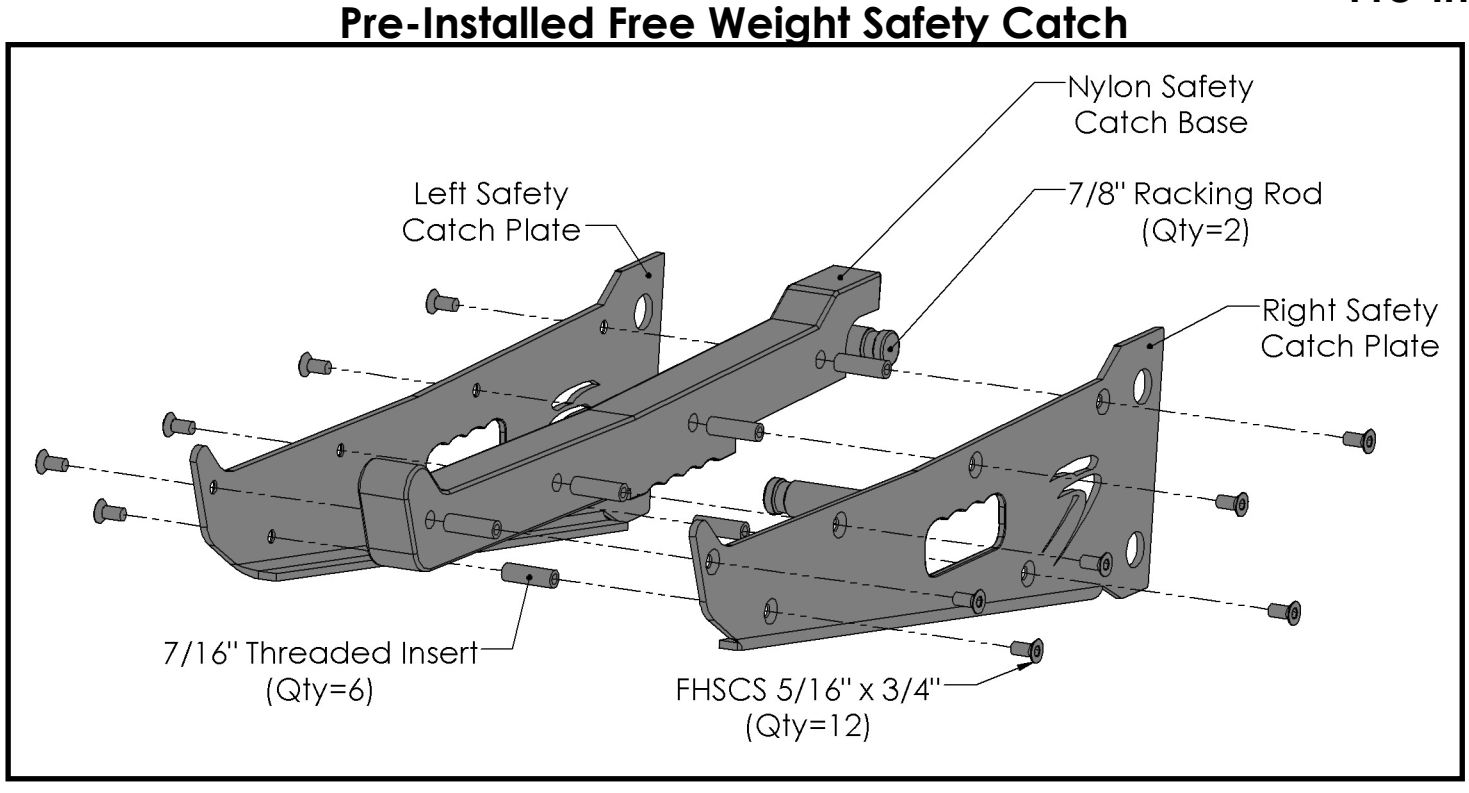
Pre-Installed Smith Safety Stop

Part #	Description	Qty
BFM-53211	Right Bar Catch Plate	1
BFM-53210	Left Bar Catch Plate	1
BFM-53212	Nylon Bar Catch Base	1
BFM-53209	7/8” Racking Rod	2
BFM-53208	7/16” Threaded Insert	4
BFH-51204	FHSCS 5/16” x 3/4”	8



Pre-Installed Free Weight J-Hook

Pre-Installed Free Weight Safety Catch



Part #	Description	Qty
BFM-53206	Right Safety Catch Plate	1
BFM-53205	Left Safety Catch Plate	1
BFM-53207	Nylon Safety Catch Base	1
BFM-53209	7/8” Racking Rod	2
BFM-53208	7/16” Threaded Insert	6
BFH-51204	FHSCS 5/16” x 3/4”	12

Preventive Maintenance

Batca Fitness Systems strives to give you the very best in quality, performance and safety through carefully engineered designs and excellent workmanship. In order to maintain this high level of quality the preventative maintenance schedule below should be followed.

Clean upholstery, grips, and roller pads with mild soap and water generally after every use. The guide rods, chrome slides and frame should be cleaned with a cotton cloth. Upon cleaning the guide rods, a thin layer of Silicone or Teflon gel should be applied to each rod to ensure a glass smooth performance.

An overall inspection should be done before each workout. If the warning and safety decals are worn or have been removed they should be replaced immediately. The cables and cable systems should be inspected for signs of wear and proper tension. In order to check cables properly you should carefully run the cable through your fingertips, checking for signs of wear, cracks, burs and thinning spots. Replace any part at first signs of wear. Cables should be adjusted for proper tension. See assembly instructions for this detail. All hardware, stops, and adjustments should be checked and tightened as required.

The guide rods on your machine should be cleaned and lubricated regularly. This will ensure a glass smooth performance from your weight stack. A thin layer of either Silicone or Teflon gel should applied to each rod.

Although cables should be inspected daily, it is important that ALL cables be replaced as directed in the schedule below. Please note that at any first sign of wear the cable should be replaced immediately.

If there are any questions concerning maintenance, please contact your local Batca dealer or contact Batca Fitness Systems directly at:

Batca Fitness Systems
(919) 255-1233
www.batcafitness.com

	Daily		Weekly		Monthly		Quarterly		Years	
	Commercial	Home	Commercial	Home	Commercial	Home	Commercial	Home	Commercial	Home
Clean										
Upholstery										
Hand Grips	X			X						
Roller Pads										
Guide Rods			X			X				
Chrome Slides			X			X				
Frame			X			X				
Inspect										
Overall	X	X								
Safety Decals	X	X								
Cables										
Cable Tension										
Pulleys										
Hardware	X	X								
Stops	X	X								
Upholstery										
Hand Grips			X			X				
Frame			X			X				
Bushings	X			X						
Bearings	X			X						
Lubricate										
Guide Rods			X			X				
Bearings							As Needed			1
Replace										
Cables										

Limited Lifetime Warranty

What is covered

For Residential Use:

Batca Fitness Systems warrants all of its products against defects in manufacturing, materials and workmanship under normal use and service for one year from date of purchase including paint, chrome, upholstery and grips. Batca Fitness Systems also warrants all cables, belts, bolts, nuts, caps, plugs, bumpers, washers, levelers, decals, gas springs and other hardware for three years after date of purchase; all moving parts, including pulleys, bushings, bearings and pull pins for five years after date of purchase and warrants the frame and all welded parts for the lifetime of the original purchaser.

For Commercial Use:

Batca Fitness Systems warrants all of its products against defects in manufacturing, materials and workmanship under normal use and service for six months from date of purchase including paint, chrome, upholstery and grips. Batca Fitness Systems also warrants all cables, belts, bolts, nuts, caps, plugs, bumpers, washers, levelers, decals, gas springs and other hardware for one year after date of purchase; all moving parts, including pulleys, bushings, bearings and pull pins for three years after date of purchase and warrants the frame and all welded parts for ten years after date of purchase.

What is not covered

This warranty does not cover damage, which results from shipping, misuse, abuse, neglect, carelessness, modification or alteration, accident, fire, flood, “acts of God” or other contingencies beyond the control of Batca Fitness Systems. This warranty also does not cover deterioration from wear and tear or exposure or any defect, which would not have happened if instructions in the owner’s manual had been followed. Improper installation, improper assembly or follow-up maintenance along with installation of parts or accessories not originally intended for products of Batca Fitness Systems are also not covered by this warranty. Only genuine Batca parts should be used for replacement, repair, and maintenance for this warranty to apply.

Defective parts will be repaired or replaced at Batca Fitness Systems option, without parts charge to the purchaser. All returns require a return authorization prior to acceptance of repair work. Batca Fitness Systems reserves the right to make design changes without any prior notification and shall not be responsible for incidental or consequential damages.

The purchaser is responsible for shipping the defective part back to the factory. Repair or replacement is the exclusive and sole remedy of the purchaser. Labor charges associated with parts changeovers are not covered by this warranty. Proof of purchase, serial number, model number and date of purchase will be required along with all pertinent information of the alleged damage.

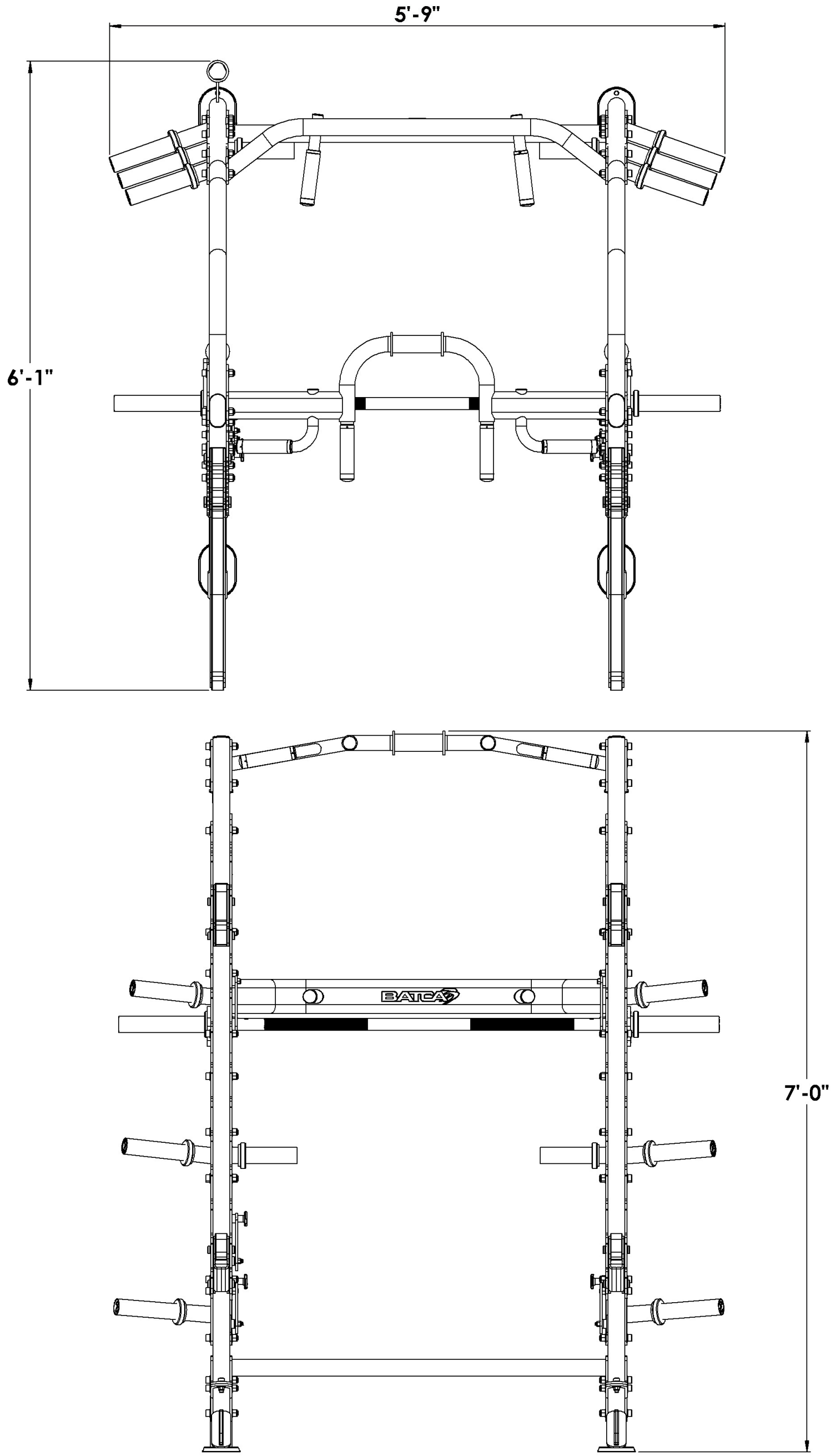
This warranty applies only to the original purchaser and is not transferable. Claims under this warranty must be made directly to Batca Fitness Systems.

Batca Fitness Systems
1207 N. New Hope Road
Raleigh, NC 27610
(919) 255-1233

www.batcafitness.com

Please keep this for your records.

Scan the QR Code to register your new BATCA Product online!



Layout Diagram

The Link Smith Trainer has a layout dimension of 5’-9” (width) x 6’-1” (length) x 7’-0” (height). There should be a minimum of 18”, preferably 24”, of working space around the entire unit.