



OMEGA4

COMMERCIAL MULTI-STATION



Serial Number Here

Date of Purchase



Instructions

Congratulations on the purchase of your new Batca Omega 4 four stack multi-gym. 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.

WARNING: 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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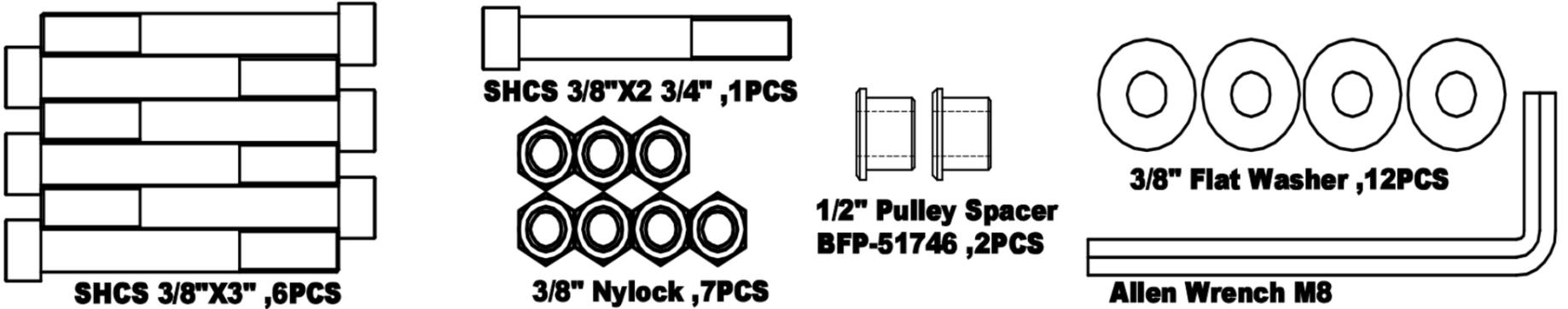
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Tools Required

- 9/16" Wrench/Ratchet
- Metric Allen Wrench Set (M8, M6, M4)
- 3/4" Wrench
- Tape Measure
- 1/2" Wrench
- 1/2" Ratchet
- 3/4" Wrench
- Snap Ring Pliers

Hardware Blister Pack

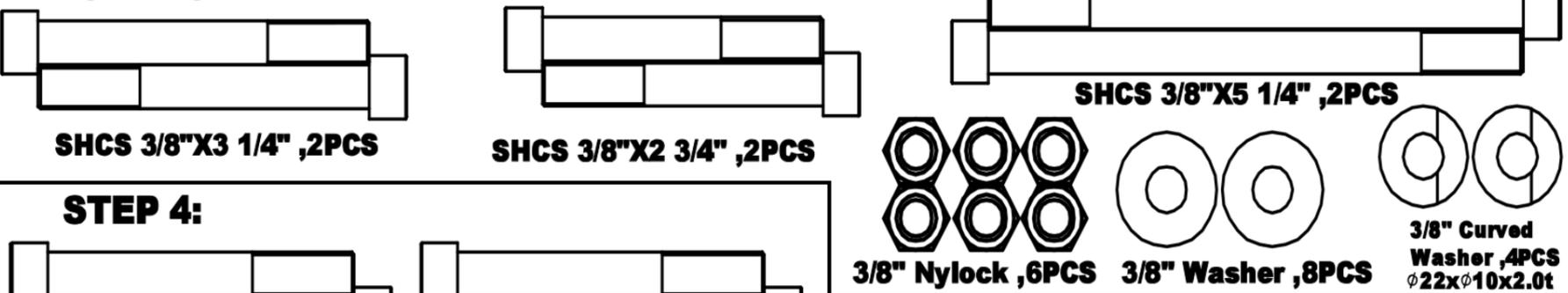
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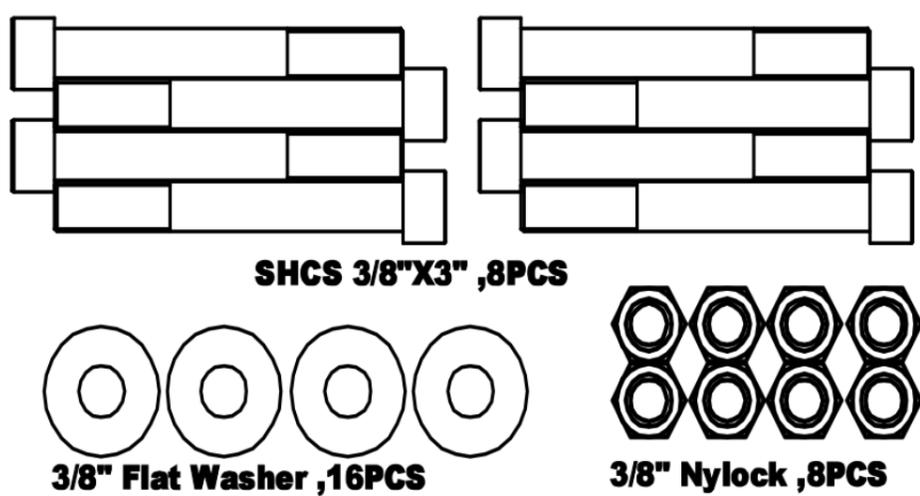
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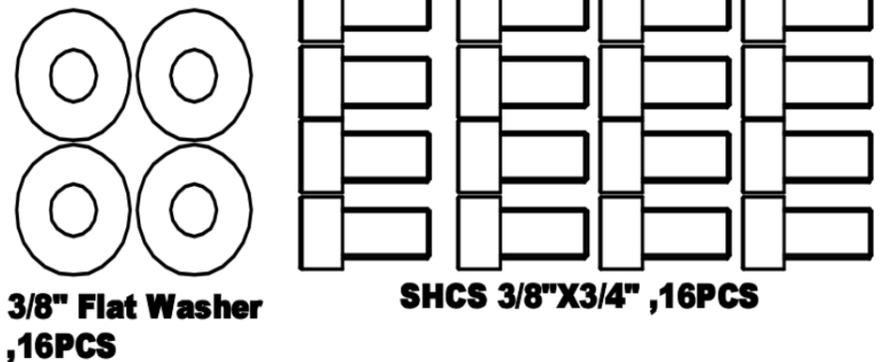
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STEP 4:

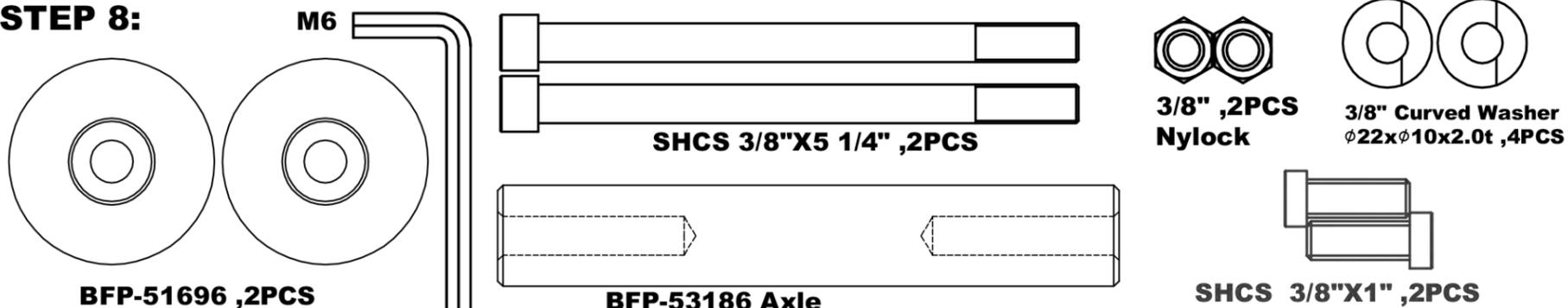


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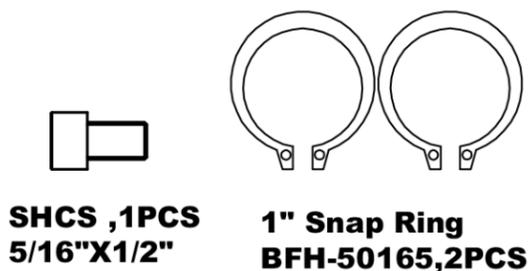


Hardware Blister Pack

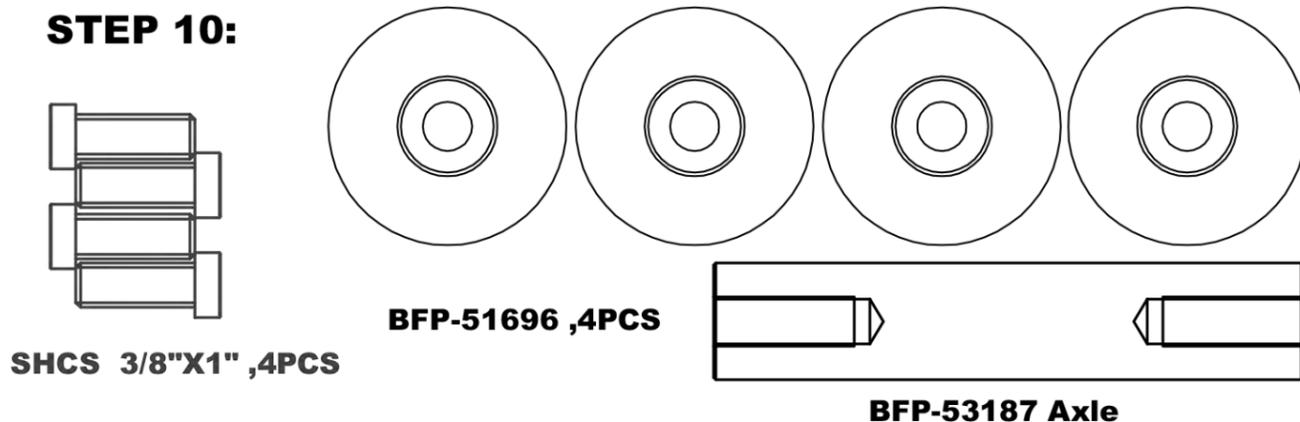
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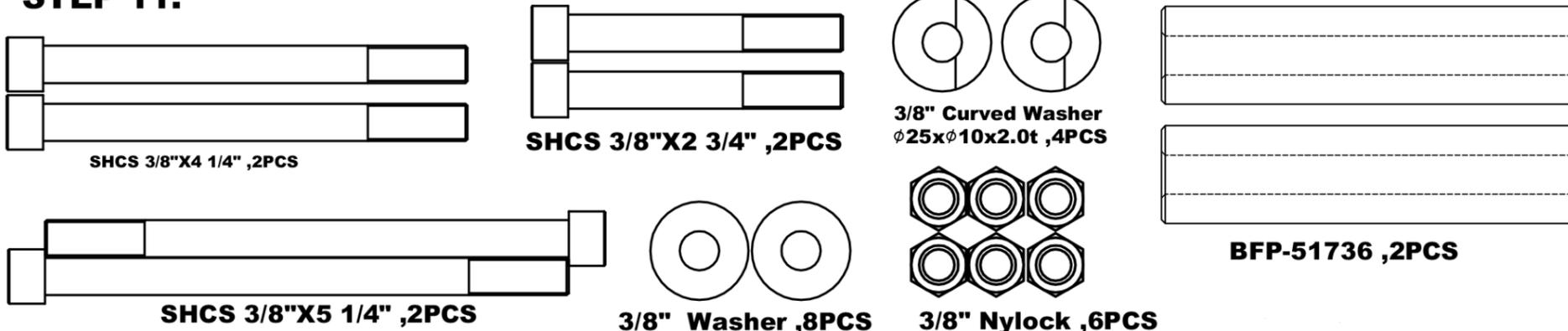
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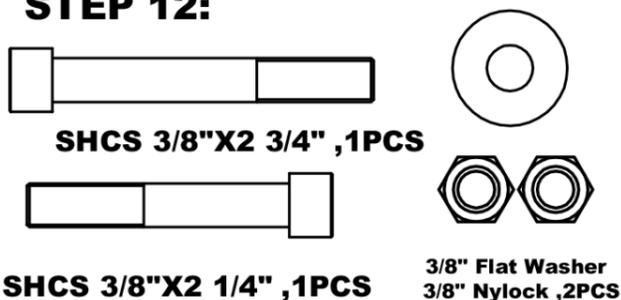
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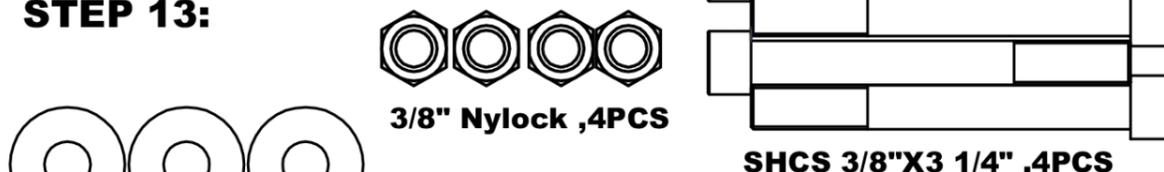
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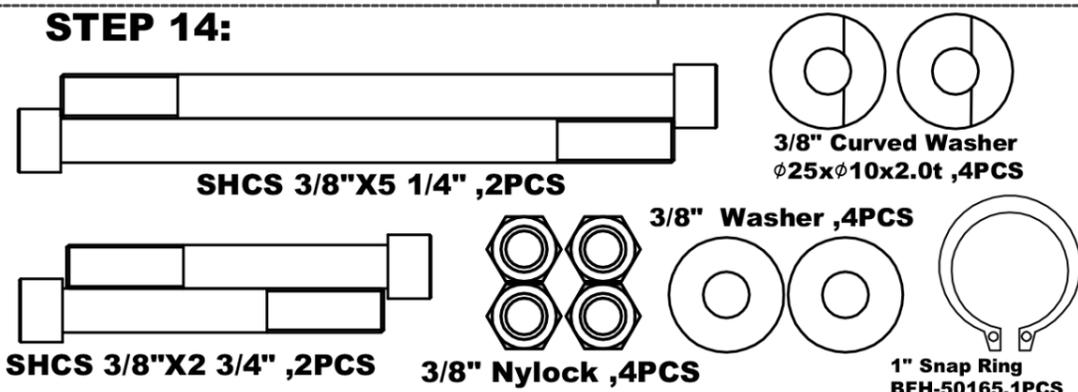
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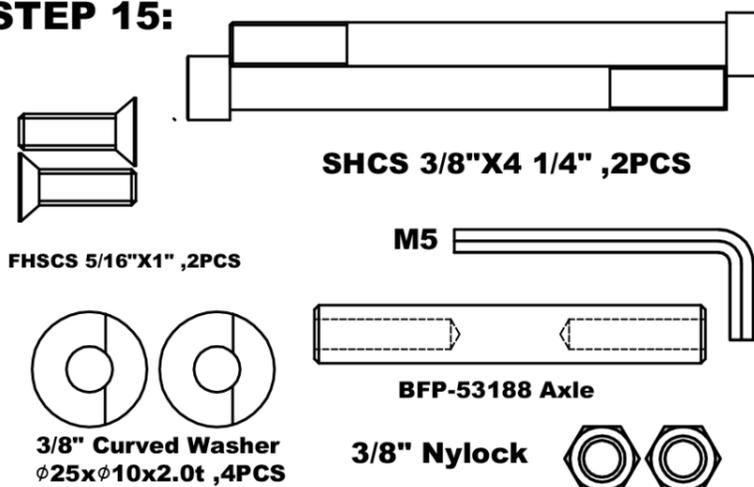
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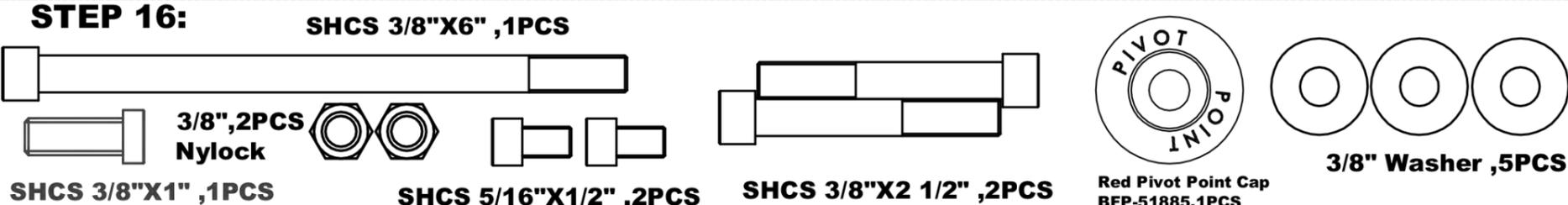
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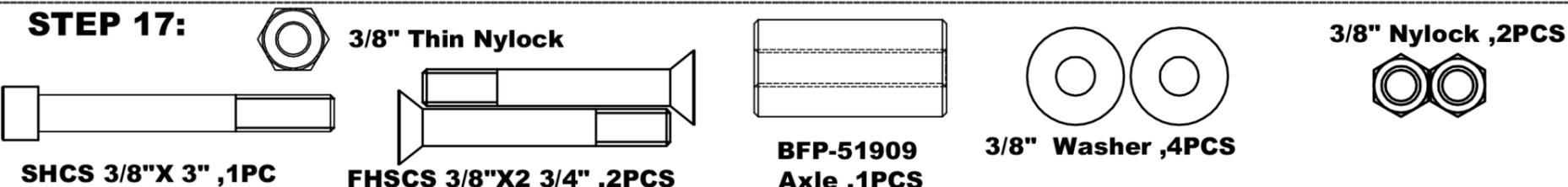
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STEP 16:

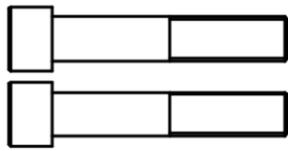


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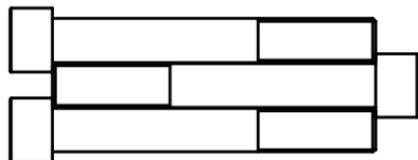


Hardware Blister Pack

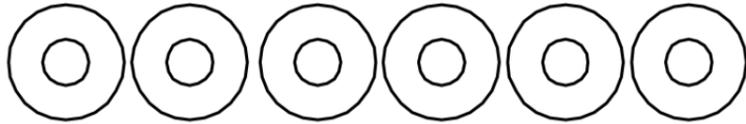
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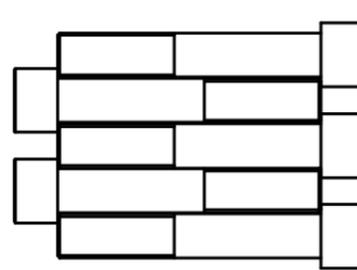
SHCS 3/8"X2" ,2PCS



SHCS 3/8"X2 3/4" ,3PCS



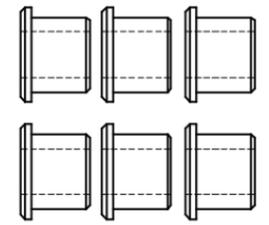
3/8" Flat Washer ,12PCS



SHCS 3/8"X2 1/4" ,5PCS

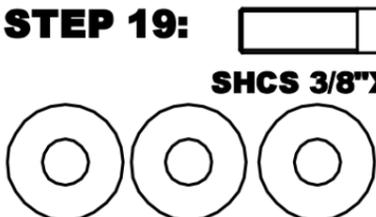


3/8" Nylock ,10PCS



1/2" Pulley Spacer
BFP-51746 ,6PCS

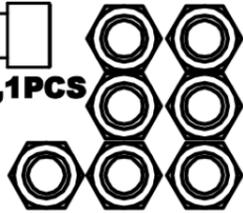
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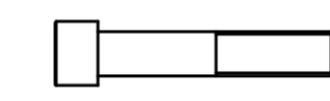
3/8" Flat Washer ,10PCS



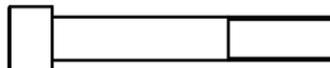
SHCS 3/8"X2 1/4" ,1PCS



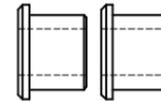
3/8" Nylock ,7PCS



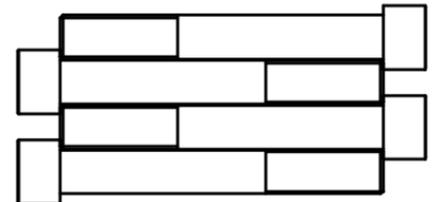
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SHCS 3/8"X2 1/2" ,1PCS



1/2" Pulley Spacer
BFP-51746 ,2PCS

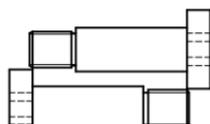


SHCS 3/8"X2 3/4" ,4PCS

STEP 20:



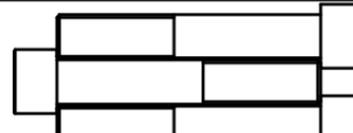
5/16" ,2PCS
Nylock



1 3/8" Shoulder Bolt
BFH-50351,2PCS



BFH-50227 ,2PCS



SHCS 3/8"X2 1/4" ,3PCS

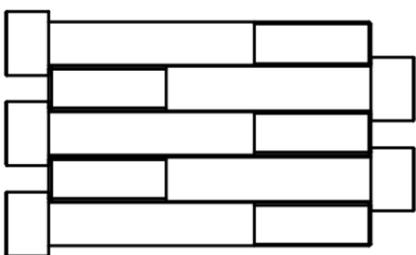


3/8" Washer ,6PCS

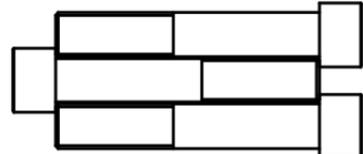


3/8" ,3PCS
Nylock

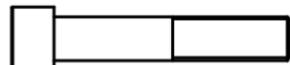
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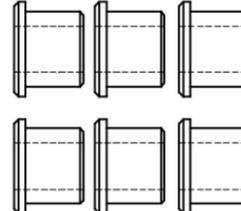
SHCS 3/8"X2 3/4" ,5PCS



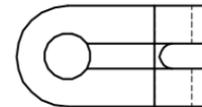
SHCS 3/8"X2 1/4" ,3PCS



SHCS 3/8"X2" ,1PCS

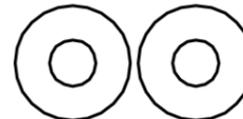


1/2" Pulley Spacer
BFP-51746 ,6PCS

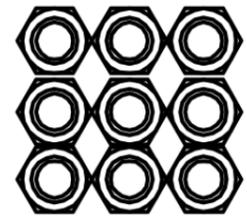


BFH-50227 ,1PCS

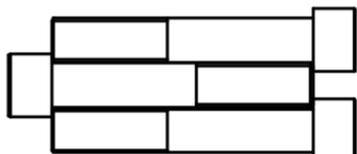
3/8" Washer ,10PCS



3/8" Nylock ,9PCS



STEP 22:



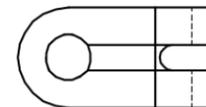
SHCS 3/8"X2 1/4" ,3PCS



3/8" Nylock ,3PCS

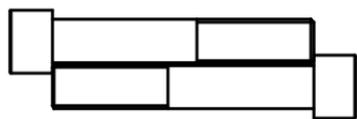


3/8" Washer ,6PCS

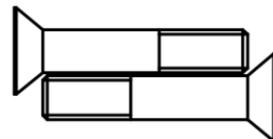


BFH-50227 ,1PCS

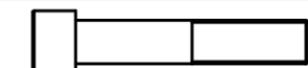
STEP 23:



SHCS 3/8"X2 1/4" ,2PCS



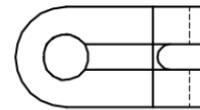
FHSCS 3/8"X2" ,2PCS



SHCS 3/8"X2" ,1PCS

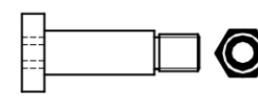


3/8" Washer ,6PCS

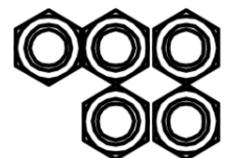


BFH-50227 ,1PCS

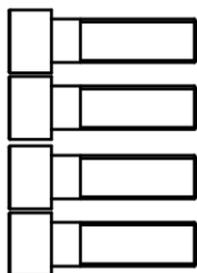
1 3/8" Shoulder Bolt
BFH-50351,1PCS
5/16" Nylock,1PCS



3/8" Nylock ,5PCS



STEP 24:



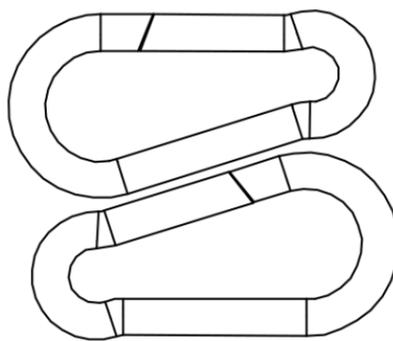
SHCS 3/8"X1 1/4" ,4PCS



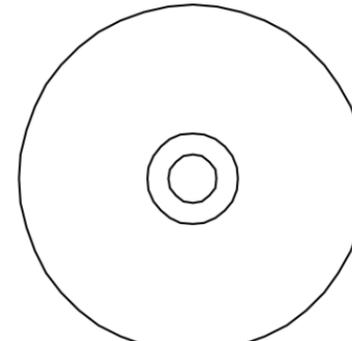
BHSCS 3/8"X3/4" ,2PCS



3/8" Flat Washer ,4PCS



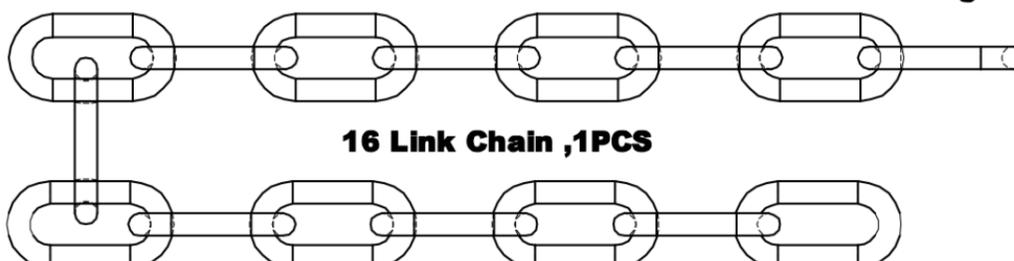
BFH-50188
Snap Hook ,2PCS



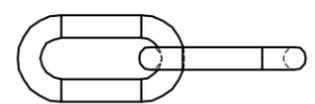
BFH-50622 ,2PCS
Large Aluminum End Cap



3/8" Lock Washer ,4PCS



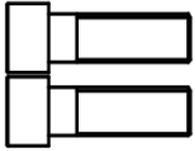
16 Link Chain ,1PCS



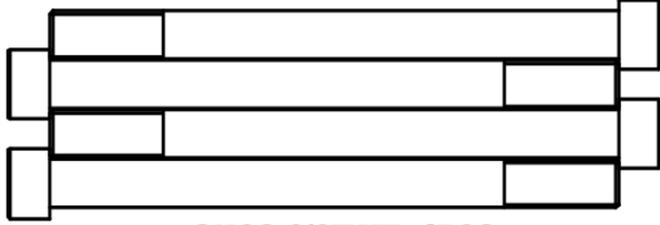
2xBFC-50128
2 Link Chain ,1PCS

Hardware Blister Pack

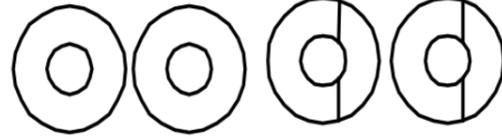
STEP 25:



SHCS 3/8"X1 1/4" ,2PCS



SHCS 3/8"X5" ,4PCS



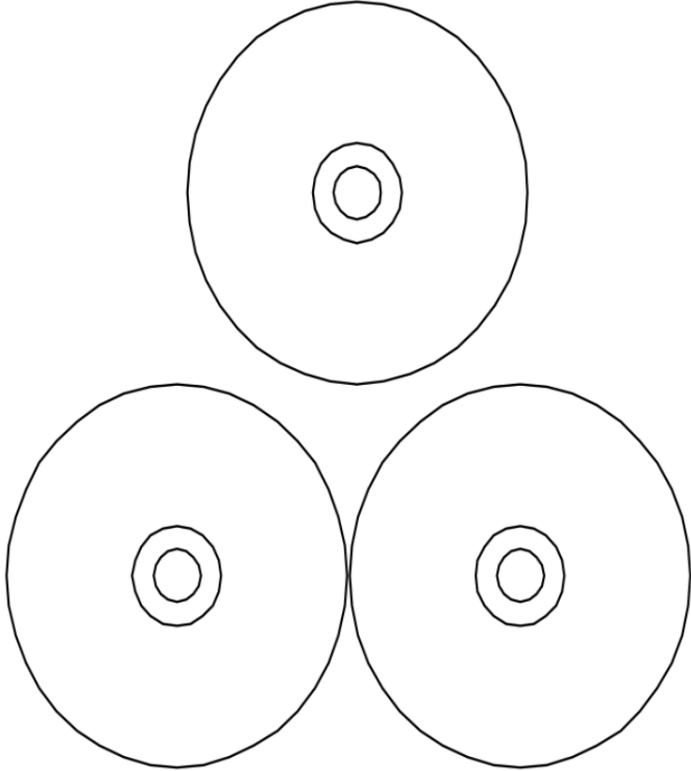
3/8" Washer ,2PCS

3/8" Curved Washer
φ25xφ10x2.0t,4PCS

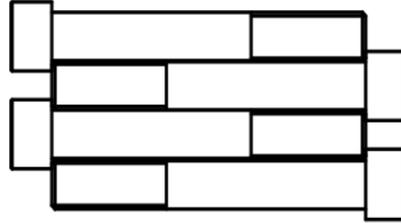


3/8" ,6PCS
Lock Washer

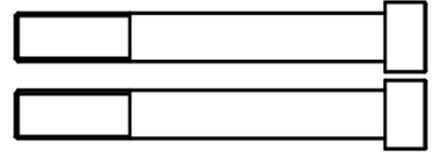
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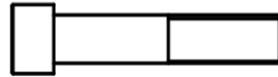
BFH-50622 ,3PCS
Large Aluminum End Cap



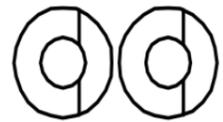
SHCS 3/8"X2 3/4" ,4PCS



SHCS 3/8"X3 1/4" ,2PCS



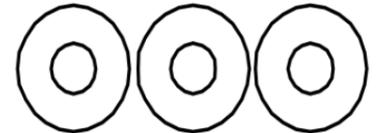
SHCS 3/8"X2" ,1PCS



3/8" Curved Washer
φ22xφ10x2.0t,2PCS



3/8" Nylock ,1PCS

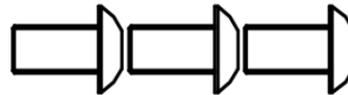


3/8" Flat Washer ,6PCS



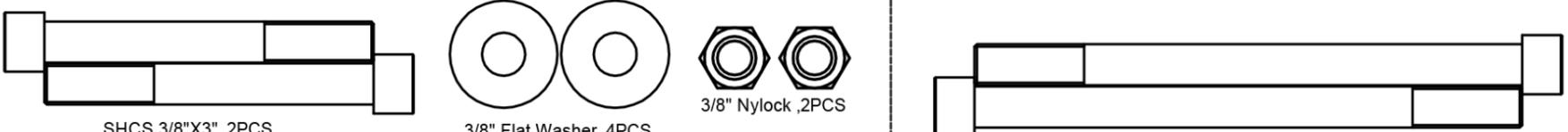
3/8" Lock Washer ,6PCS

BHSCS 3/8"X3/4" ,3PCS



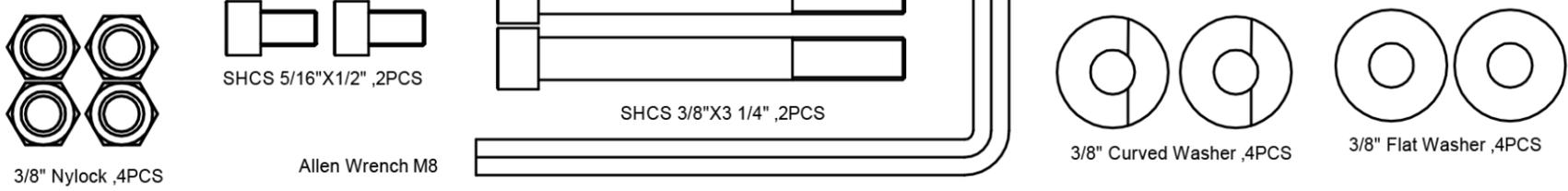
Omega 4 Leg Press Hardware Blister Pack

STEP 5:



SHCS 3/8"X3" ,2PCS 3/8" Flat Washer ,4PCS 3/8" Nylock ,2PCS SHCS 3/8"X5" ,2PCS

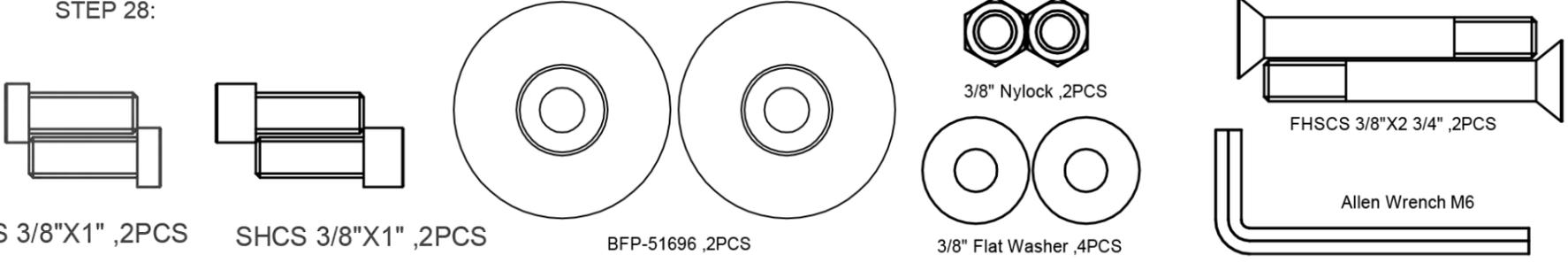
STEP 27:



3/8" Nylock ,4PCS SHCS 5/16"X1/2" ,2PCS SHCS 3/8"X3 1/4" ,2PCS 3/8" Curved Washer ,4PCS 3/8" Flat Washer ,4PCS

Allen Wrench M8

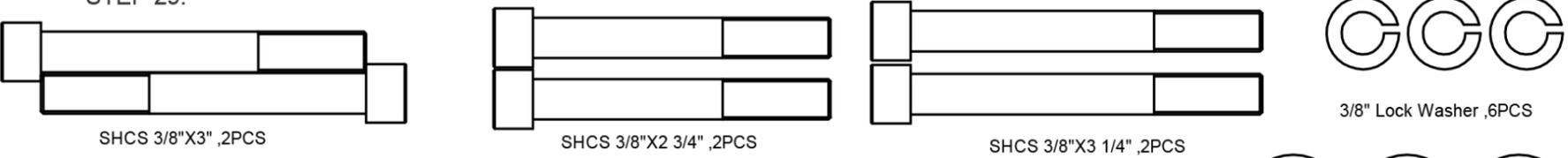
STEP 28:



SHCS 3/8"X1" ,2PCS SHCS 3/8"X1" ,2PCS BFP-51696 ,2PCS 3/8" Nylock ,2PCS 3/8" Flat Washer ,4PCS FHSCS 3/8"X2 3/4" ,2PCS

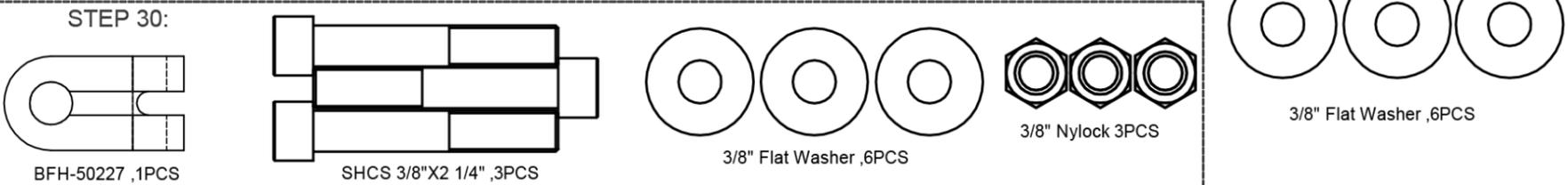
Allen Wrench M6

STEP 29:



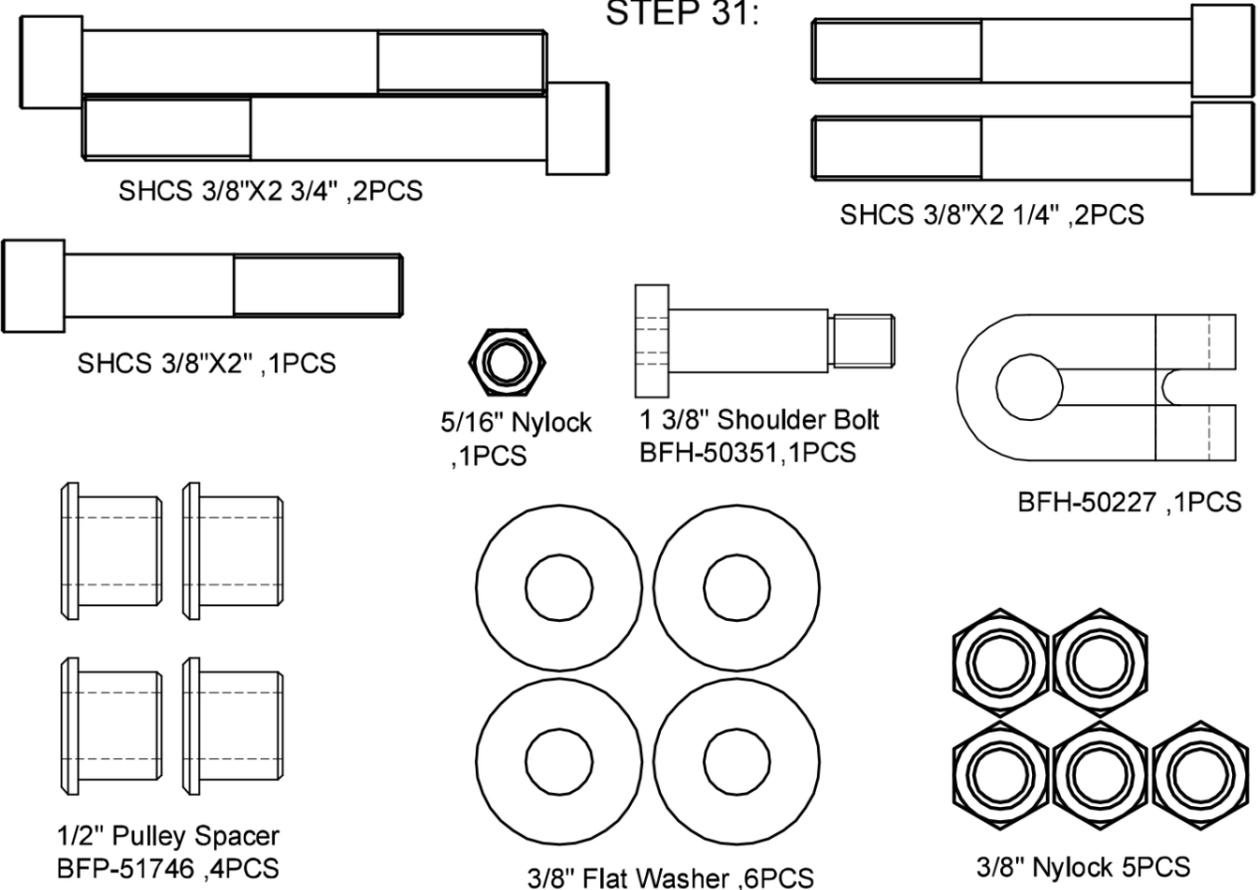
SHCS 3/8"X3" ,2PCS SHCS 3/8"X2 3/4" ,2PCS SHCS 3/8"X3 1/4" ,2PCS 3/8" Lock Washer ,6PCS

STEP 30:



BFH-50227 ,1PCS SHCS 3/8"X2 1/4" ,3PCS 3/8" Flat Washer ,6PCS 3/8" Nylock 3PCS 3/8" Flat Washer ,6PCS

STEP 31:



SHCS 3/8"X2 3/4" ,2PCS SHCS 3/8"X2 1/4" ,2PCS

SHCS 3/8"X2" ,1PCS 5/16" Nylock ,1PCS 1 3/8" Shoulder Bolt BFH-50351,1PCS BFH-50227 ,1PCS

1/2" Pulley Spacer BFP-51746 ,4PCS 3/8" Flat Washer ,6PCS 3/8" Nylock 5PCS

PLEASE READ AND FOLLOW ALL DIRECTIONS VERY CAREFULLY FOR PROPER

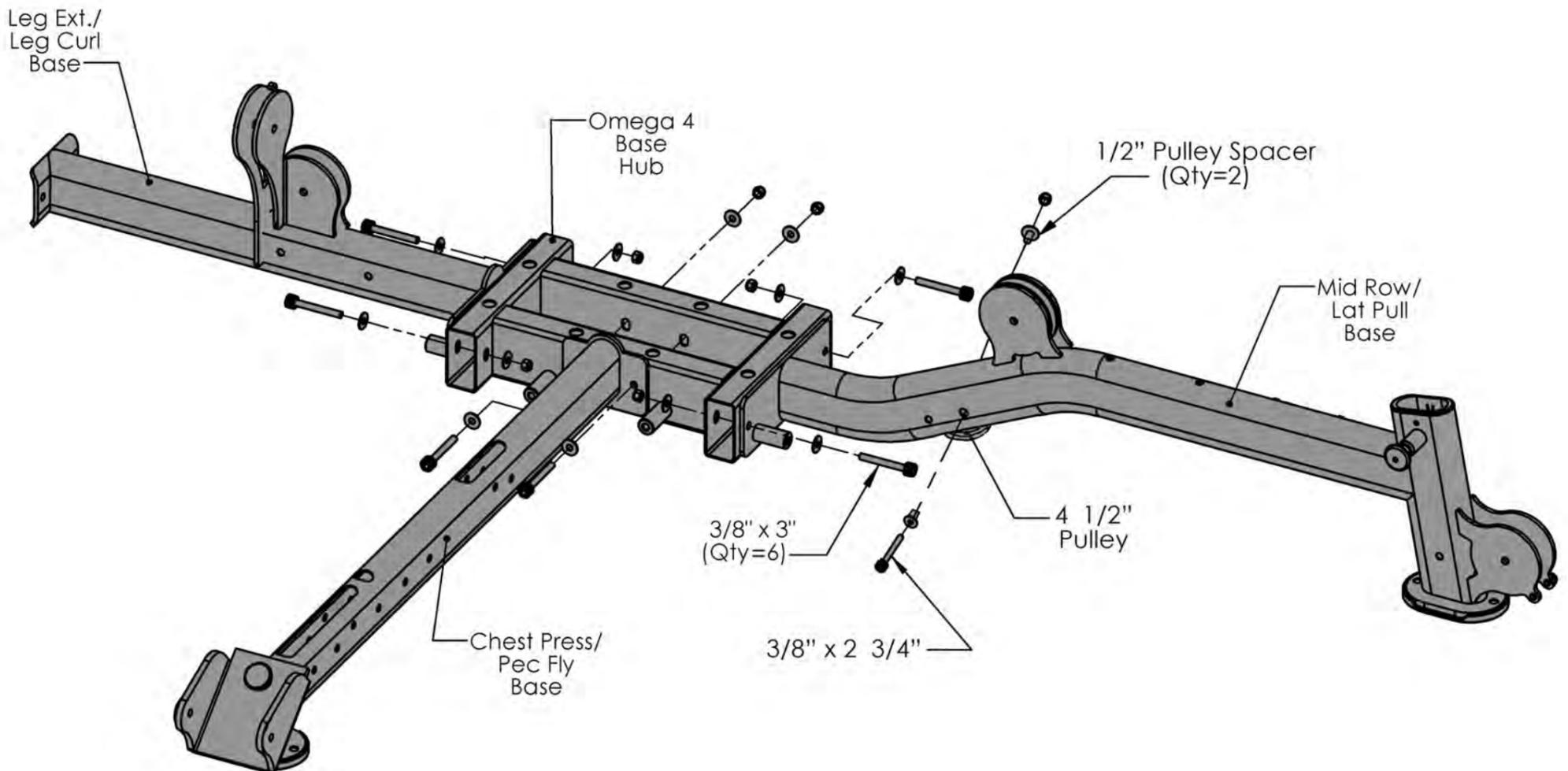


Step 1:

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 3/8" 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 4

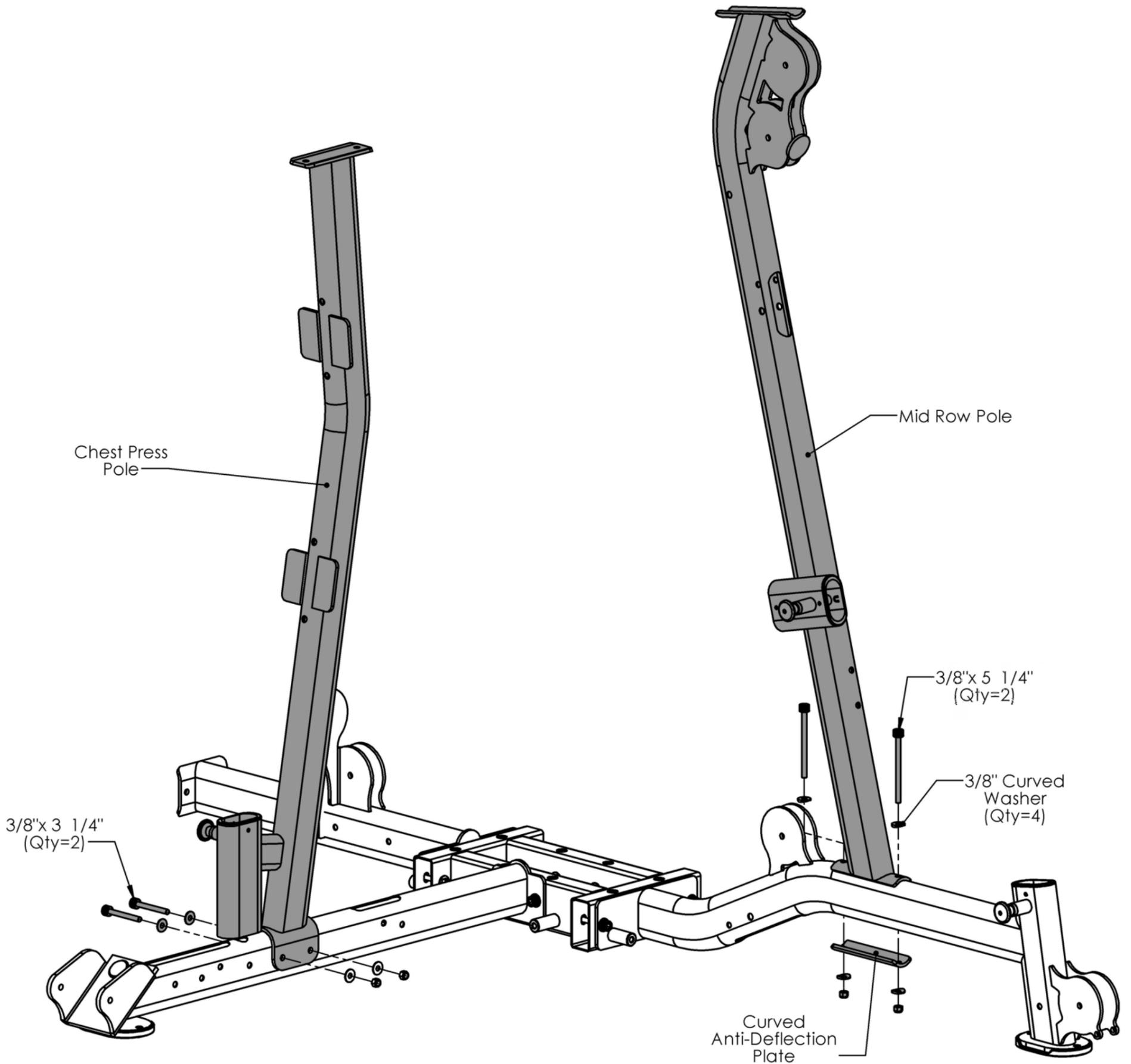


Warning: Every place that a pulley is inside a tube there must be a pulley spacer in use instead of a flat washer.

Part #	Description	Qty
BFP-10949	Omega 4 Base Hub	1
BFP-10951	Mid Row/Lat Pull Base	1
BFP-10959	Chest Press/Pec Fly Base	1
BFP-10956	Leg Ext./Leg Curl Base	1
BFH-50174	4 1/2" Pulley	1
BFP-51746	1/2" Pulley Spacer	2
BFP-51750	SHCS 3/8" x 2 3/4"	1
BFP-51747	SHCS 3/8" x 3"	6
BFH-50146	3/8" Flat Washer	12
BFH-50157	3/8" Nylock	7

Step 2:

Do Not Tighten Bolts Until Step 4

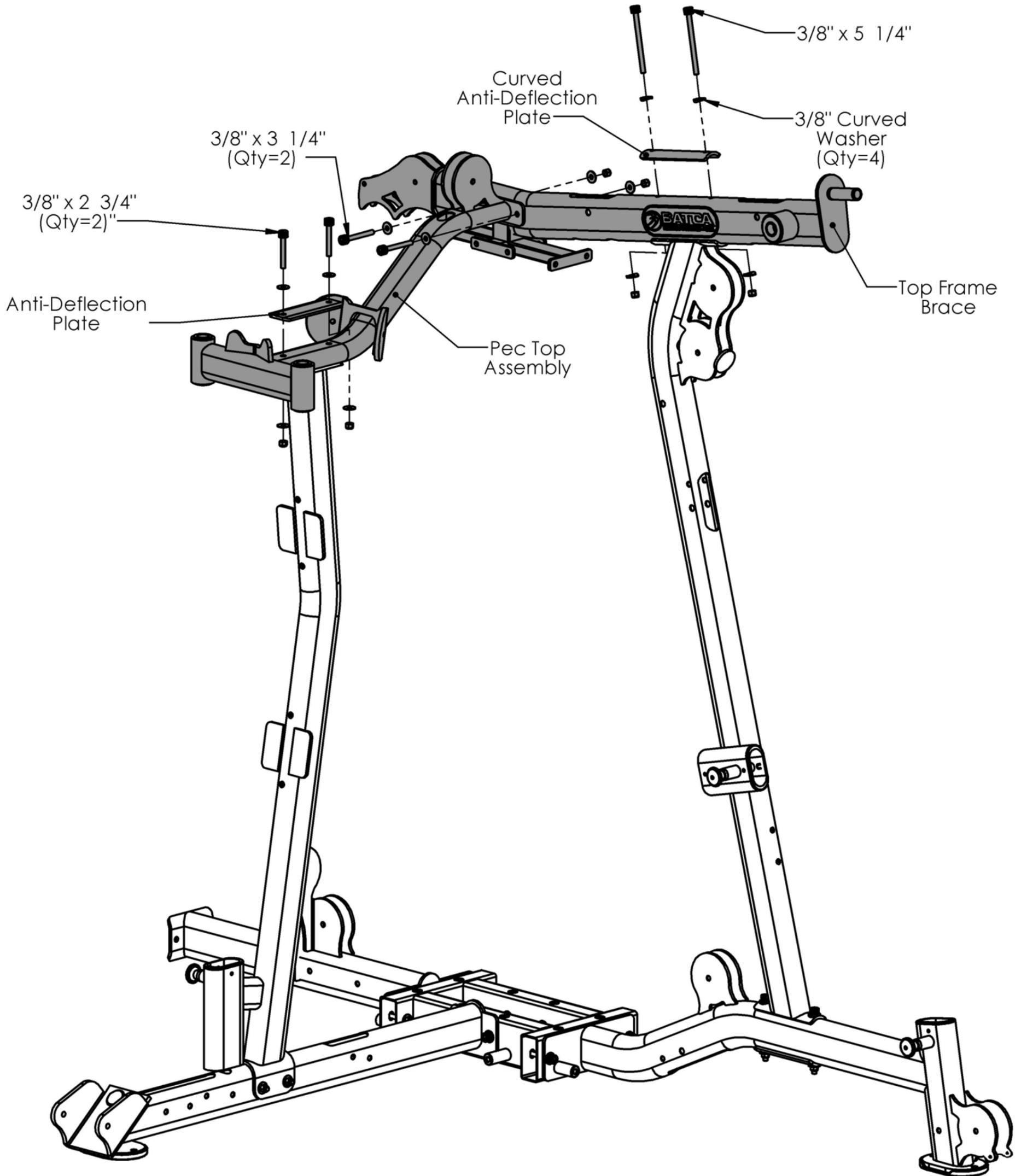


All Flat Washers and Nylocks are 3/8" unless otherwise noted. Anywhere a washer is against the round side of a tube there is to be a **3/8" CURVED WASHER** instead of a **3/8" FLAT WASHER**.

Part #	Description	Qty
BFP-10961	Chest Press Pole	1
BFP-10950	Mid Row Pole	1
BFP-52114	Curved Anti-Deflection Plate	1
BFP-51748	SHCS 3/8" x 3 1/4"	2
BFP-51756	SHCS 3/8" x 5 1/4"	2
BFH-50204	3/8" Curved Washer	4
BFH-50146	3/8" Flat Washer	4
BFH-50157	3/8" Nylock	4

Step 3:

⚠ Do Not Tighten Bolts Until Step 4

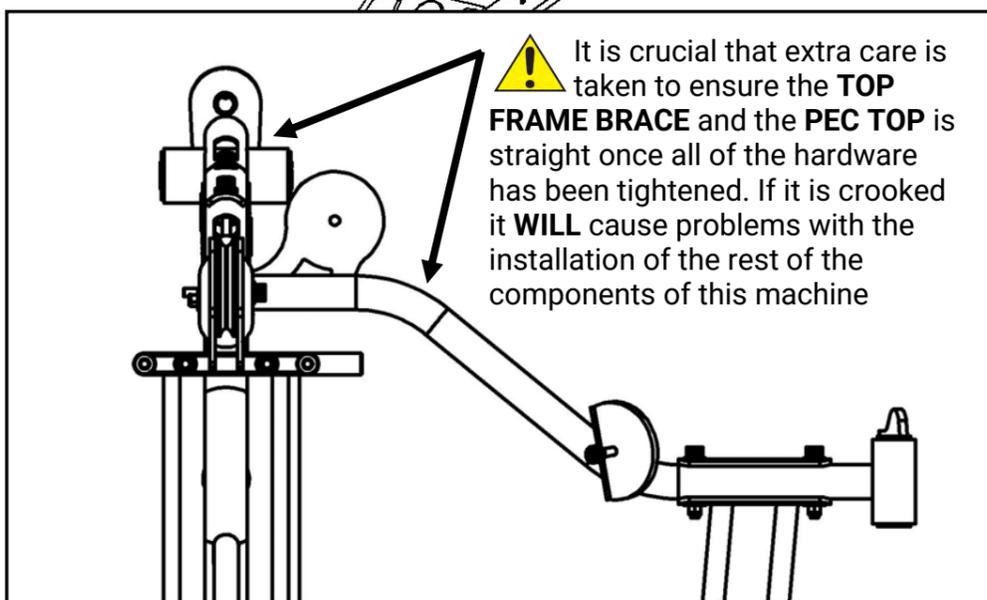
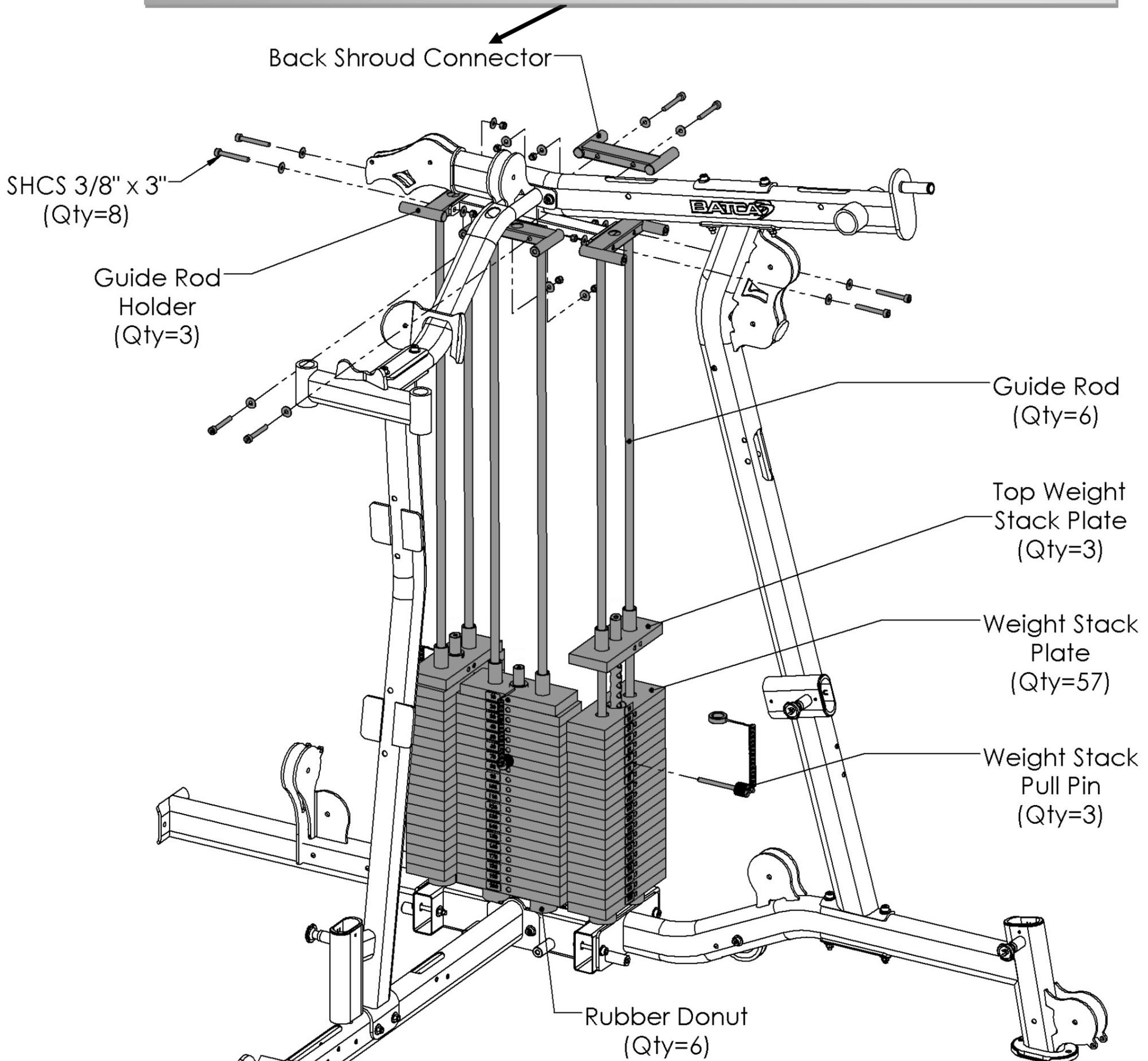


All Flat Washers and Nylocks are 3/8" unless otherwise noted. Anywhere a washer is against the round side of a tube there is to be a **3/8" CURVED WASHER** instead of a **3/8" FLAT WASHER**.

Part #	Description	Qty
BFP-10962	Pec Top Assembly	1
BFP-10952	Top Frame Brace	1
BFP-51767	Curved Anti-Deflection Plate	1
BFP-52143	Anti-Deflection Plate	1
BFP-51750	SHCS 3/8" x 2 3/4"	2
BFP-51748	SHCS 3/8" x 3 1/4"	2
BFP-51756	SHCS 3/8" x 5 1/4"	2
BFH-50204	3/8" Curved Washer	4
BFH-50146	3/8" Flat Washer	8
BFH-50157	3/8" Nylock	6

Step 4:

! Do not install the **BACK SHROUD CONNECTOR** if leg press was purchased. If the Leg Press was purchased do not tighten bolts until step 6. If not please make sure all bolts are tightened before moving on.



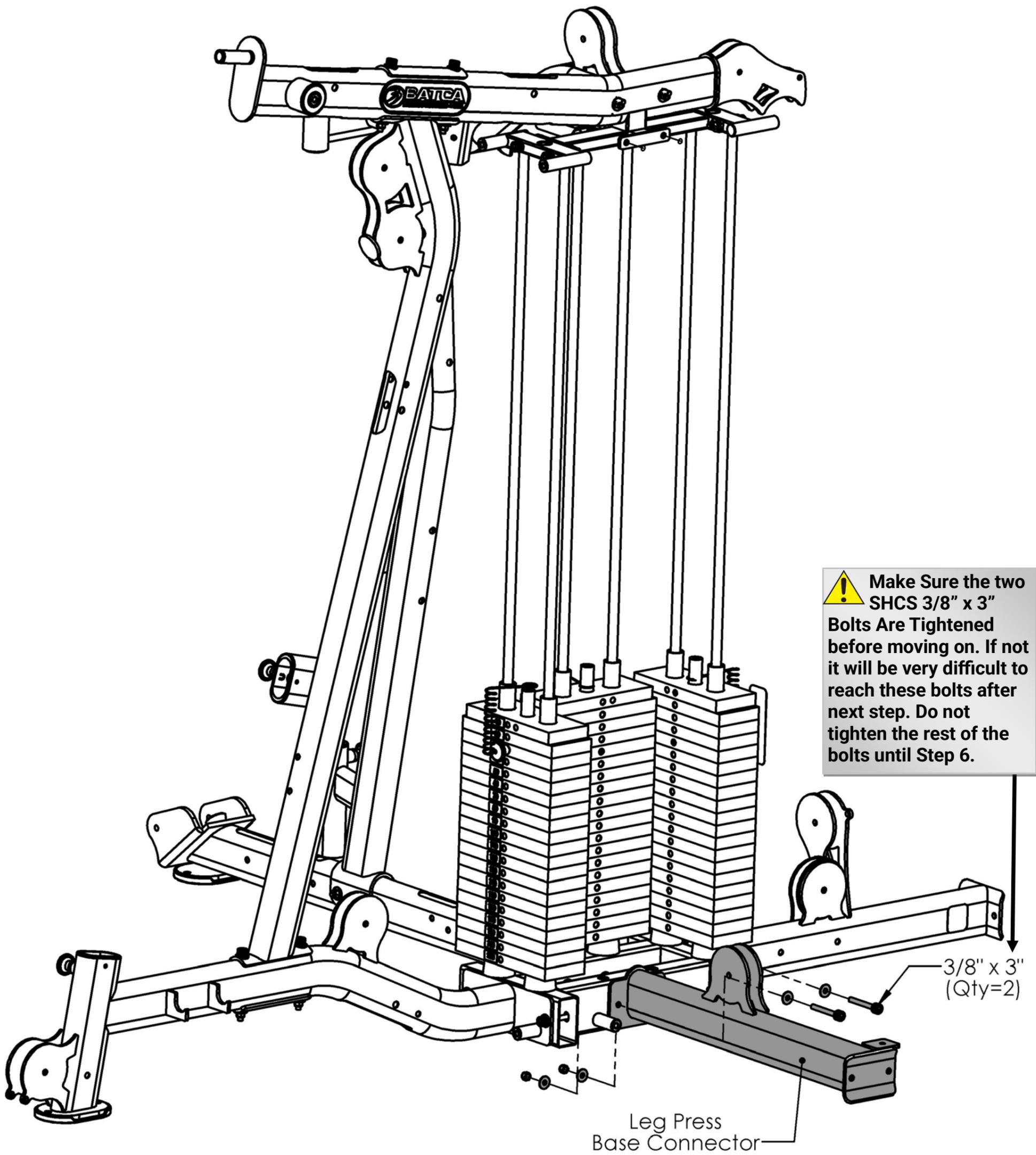
! It is crucial that extra care is taken to ensure the **TOP FRAME BRACE** and the **PEC TOP** is straight once all of the hardware has been tightened. If it is crooked it **WILL** cause problems with the installation of the rest of the components of this machine

All Flat Washers and Nylocks are 3/8" 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**.

Part #	Description	Qty
BFP-10953	Guide Rod Holder	3
BFP-11019	Back Shroud Connector	1
BFM-50260	Guide Rod	6
BFM-10299	Top Weight Plate	3
BFM-50256	Weight Stack Plate	57
BFM-53079	Weight Stack Pull Pin	3
BFP-52143	Rubber Donut	6
BFH-51747	SHCS 3/8" x 3"	8
BFH-50146	3/8" Flat Washer	16
BFH-50157	3/8" Nylock	8

Step 5:

 Skip this step if leg press was not purchased. Go on to Step 7

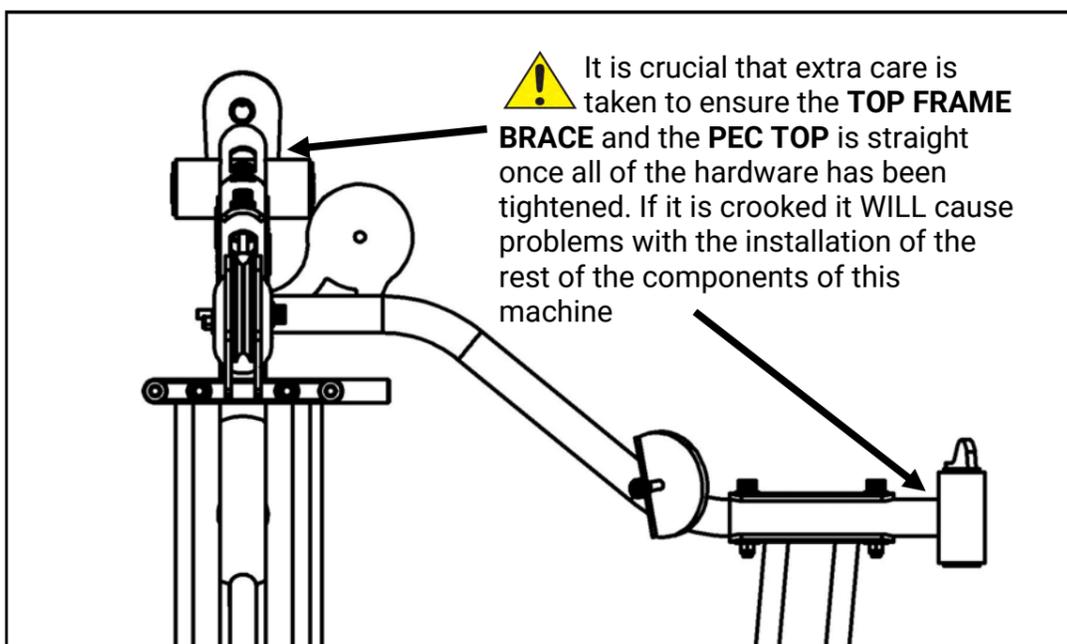
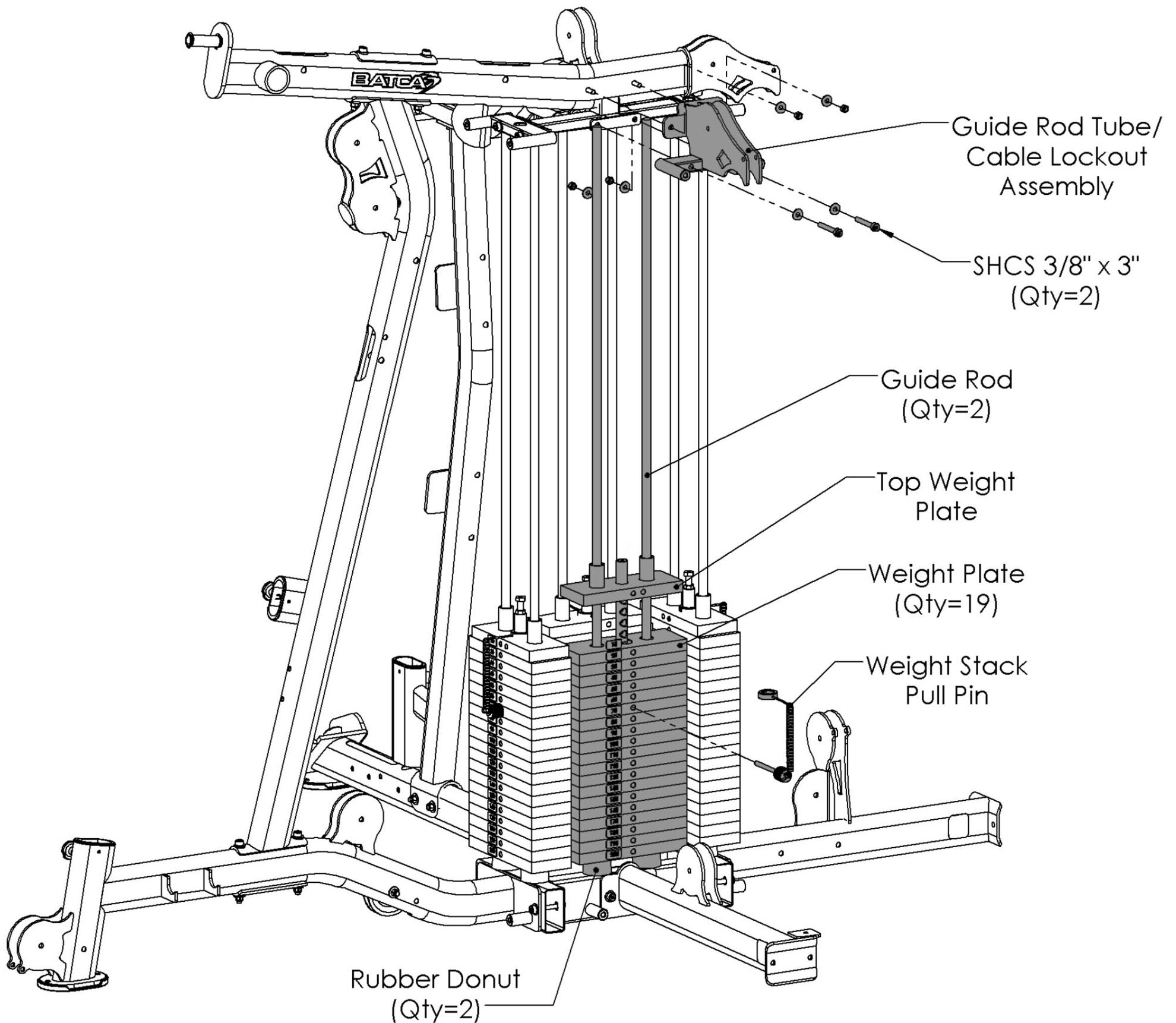


All Flat Washers and Nylocks are 3/8" unless otherwise noted.

Part #	Description	Qty
BFP-10963	Leg Press Base Connector	1
BFP-51747	SHCS 3/8" x 3"	2
BFH-50146	3/8" Flat Washer	4
BFH-50157	3/8" Nylock	2

Step 6:

⚠ Make Sure All Bolts Are Tightened Before Moving On

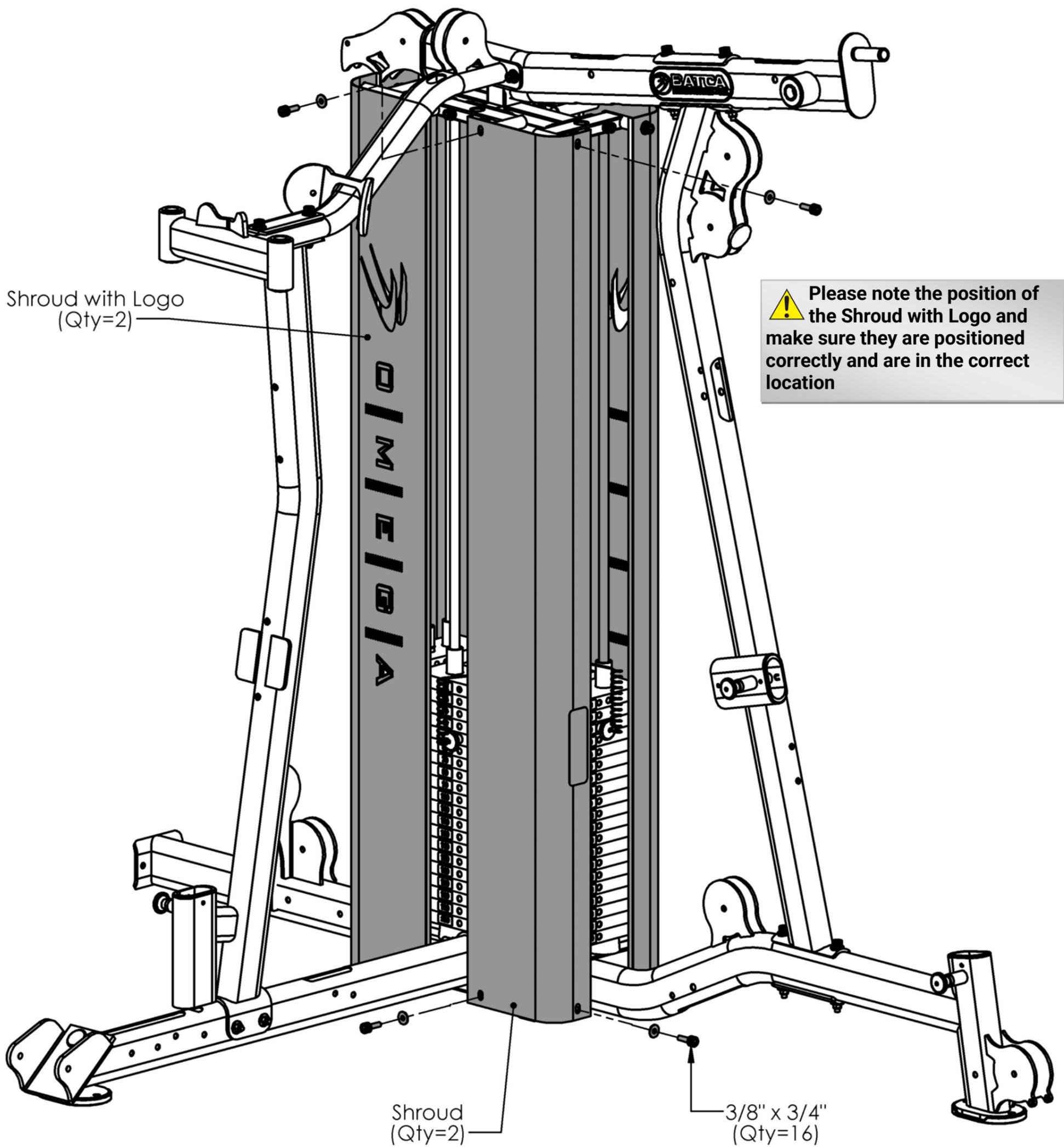


All Flat Washers and Nylocks are 3/8" unless otherwise noted.

Part #	Description	Qty
BFP-10965	Guide Rod Tube/Cable Lockout Plate	1
BFM-50260	Guide Rod	2
BFM-10299	Top Weight Plate	1
BFM-50256	Weight Stack Plate	19
BFM-53079	Weight Stack Pull Pin	1
BFP-52143	Rubber Donut	2
BFP-51747	SHCS 3/8" x 3"	2
BFH-50146	3/8" Flat Washer	4
BFH-50157	3/8" Nylock	2

Step 7:

⚠ Make Sure All Bolts Are Tightened Before Moving On



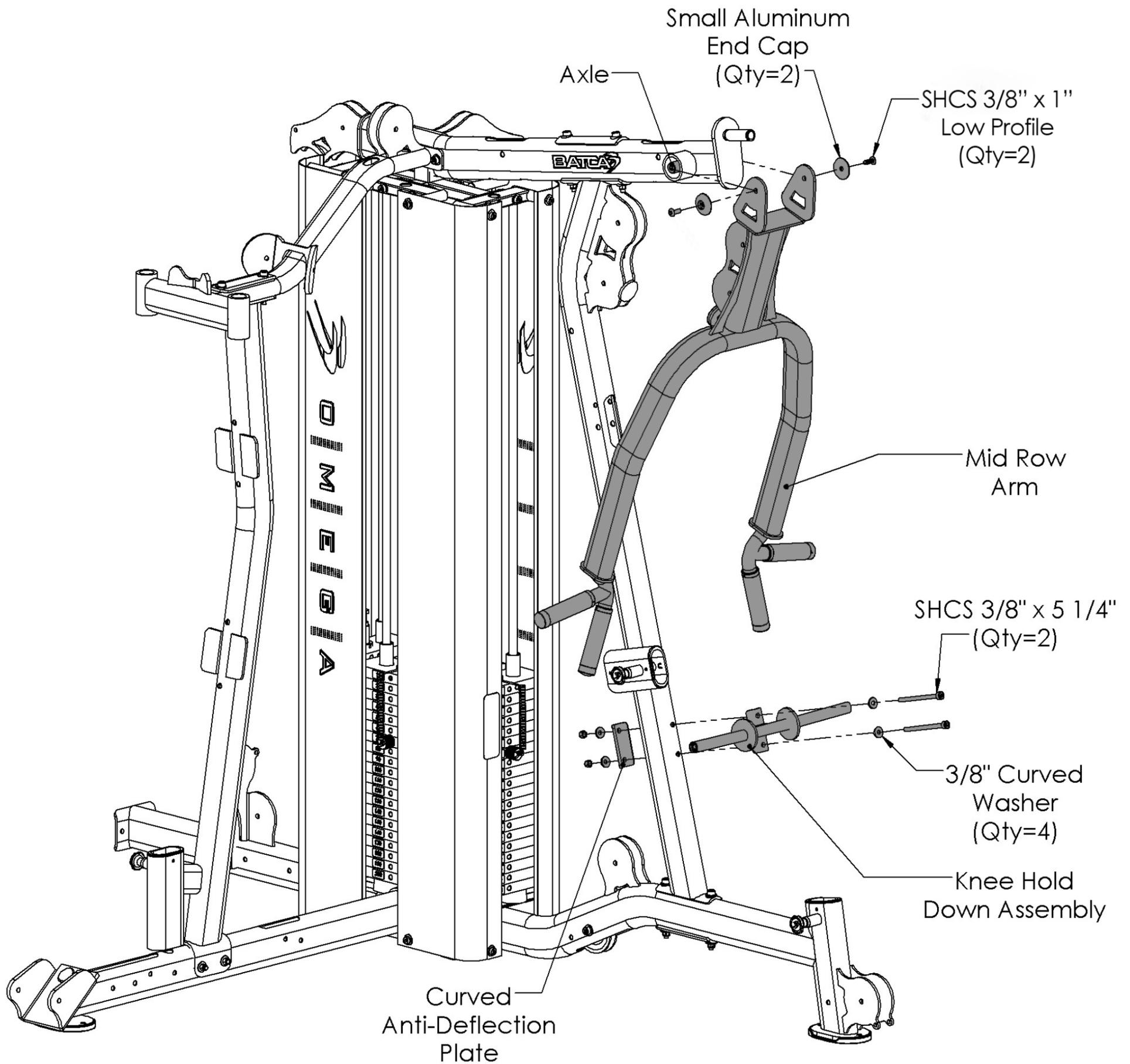
⚠ Please note the position of the Shroud with Logo and make sure they are positioned correctly and are in the correct location

All Flat Washers and Nylocks are 3/8" unless otherwise noted.

Part #	Description	Qty
BFP-52138	Shroud With Logo	2
BFM-50444a	Shroud	2
BFP-52340	SHCS 3/8" x 3/4"	16
BFH-50146	3/8" Flat Washer	16

Step 8:

⚠ Make Sure All Bolts Are Tightened Before Moving On

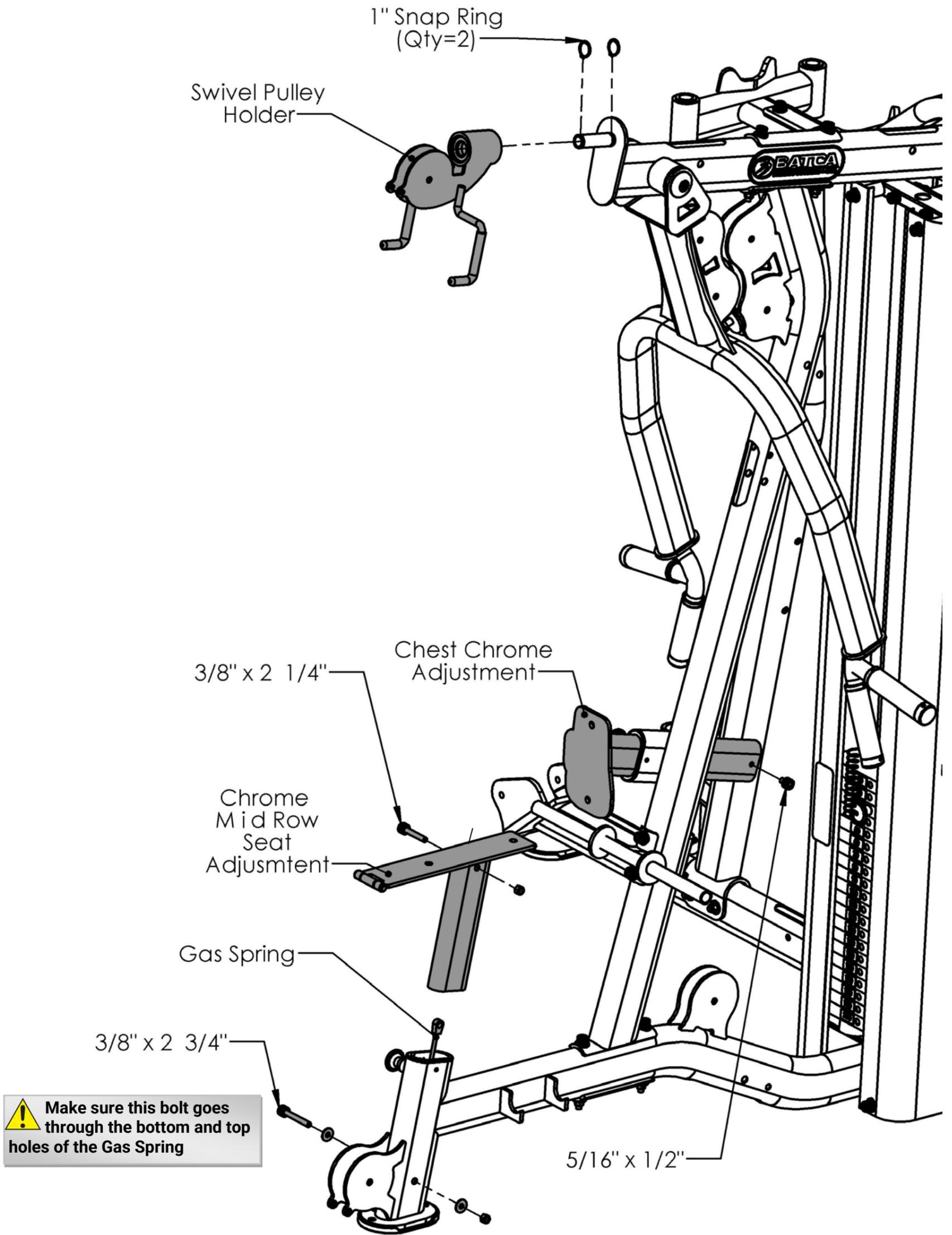


Part #	Description	Qty
BFP-10844	Mid Row Arm	1
BFM-11277	Knee Hold Down	1
BFP-51800	Curved Anti-Deflection Plate	1
BFP-51776	1" Mid Row Axle	1
BFP-51696	Small Aluminum End Cap	2
BFH-50665	SHCS 3/8" x 1" - Low Profile	2
BFP-51756	SHCS 3/8" x 5 1/4"	2
BFH-50204	3/8" Curved Washer	4
BFH-50157	3/8" Nylock	2

All Flat Washers and Nylocks are 3/8" unless otherwise noted.

Step 9:

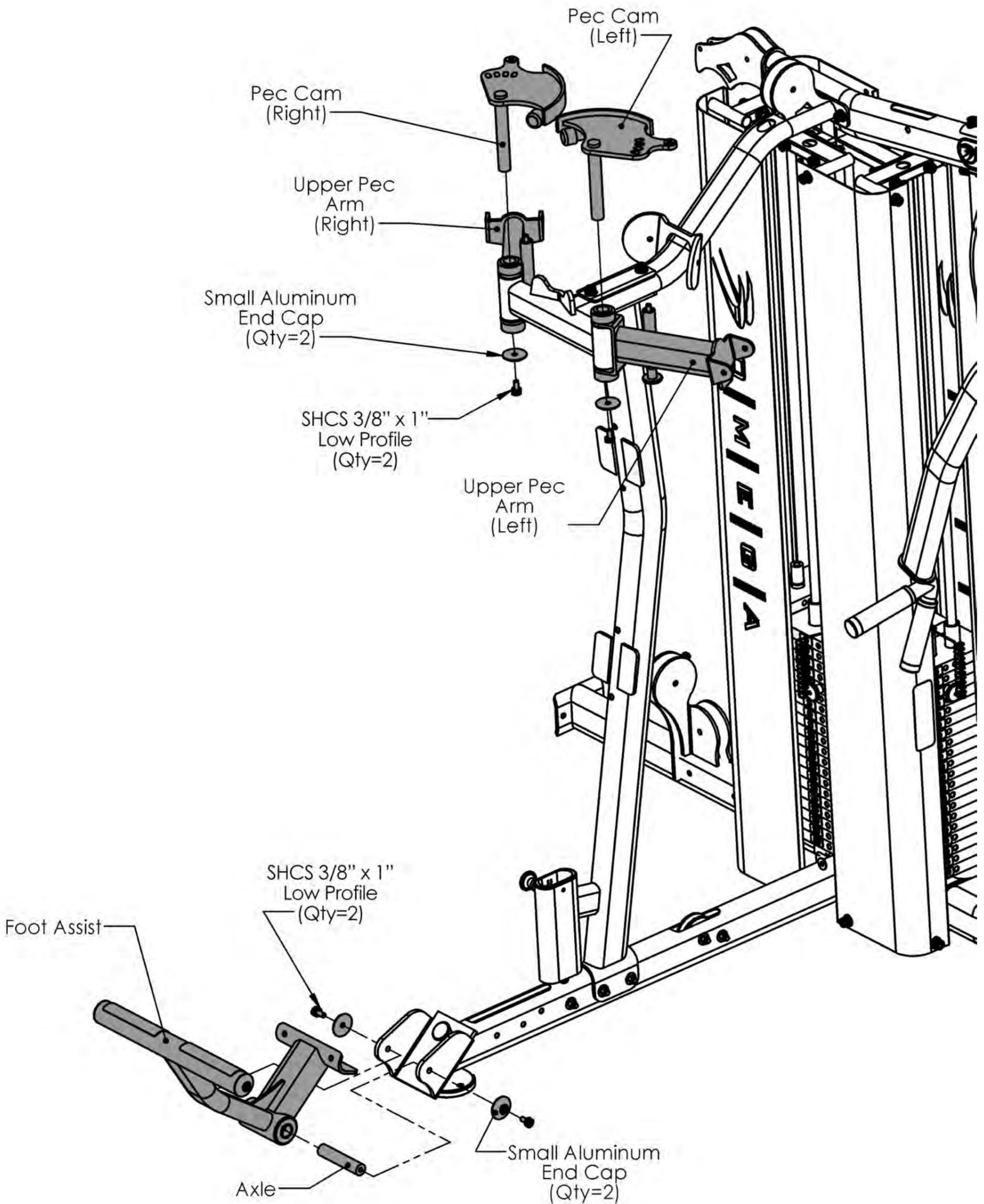
⚠ Make Sure All Bolts Are Tightened Before Moving On



Part #	Description	Qty
BFP-10845	Swivel Pulley Holder	1
BFP-10955	Chest Chrome Adjustment	1
BFP-10967	Chrome Mid Row Seat Adjustment	1
BFH-50210	Gas Spring	1
BFH-50165	1" Snap Ring	2
BFP-52373	SHCS 5/16" x 1/2"	1
BFP-51752	SHCS 3/8" x 2 1/4"	1
BFP-51750	SHCS 3/8" x 2 3/4"	1
BFH-50146	3/8" Flat Washer	2
BFH-50157	3/8" Nylock	2

All Flat Washers and Nylocks are 3/8" unless otherwise noted.

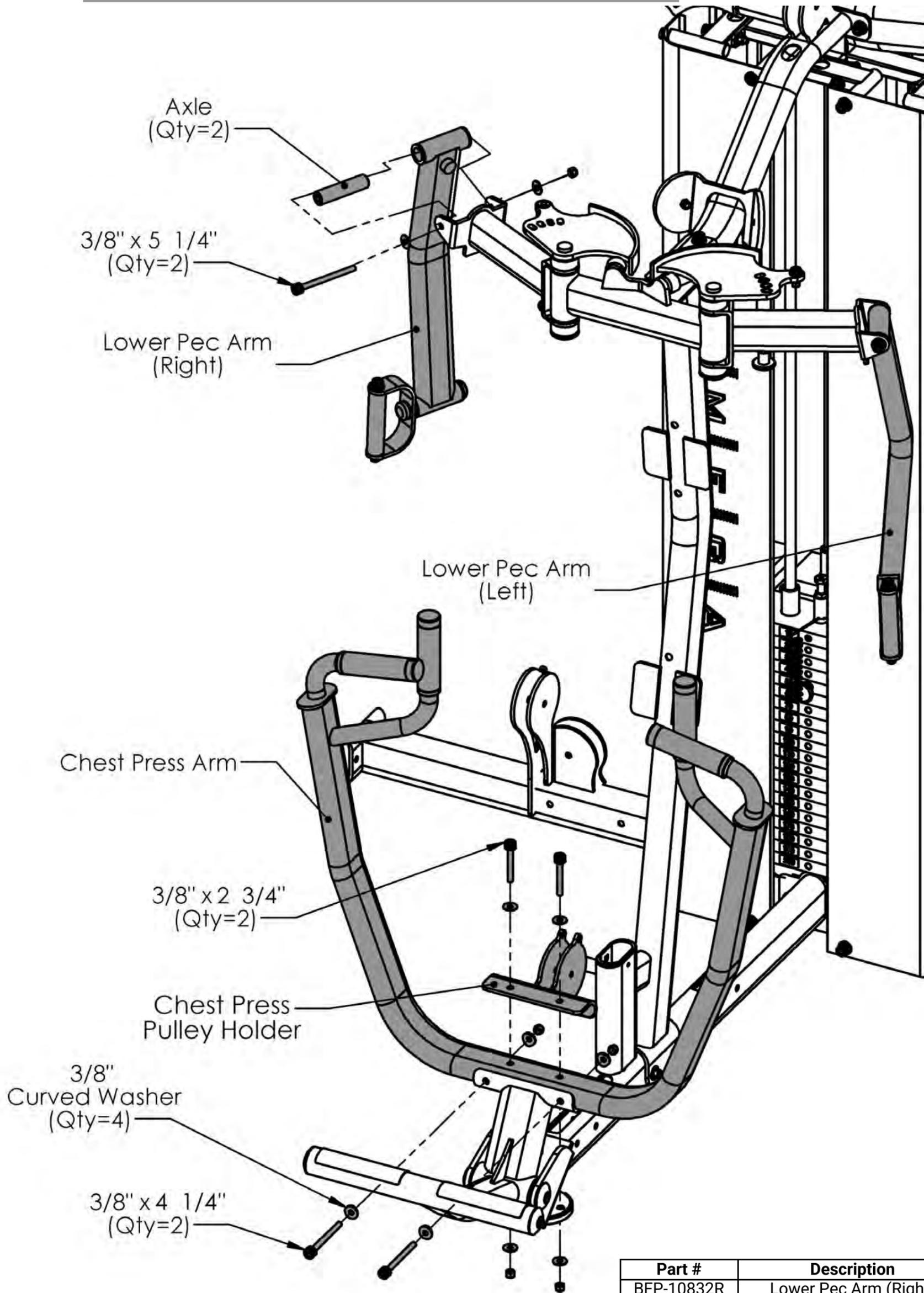
Step 10:  **Make Sure All Bolts Are Tightened Before Moving On**



Part #	Description	Qty
BFP-10833	Pec Cam (User Left)	1
BFP-10834	Pec Cam (User Right)	1
BFP-10831	Upper Pec Arm (User Left)	1
BFP-10830	Upper Pec Arm (User Right)	1
BFP-10825rev2	Foot Assist	1
BFP-51699	1" Foot Assist Axle	1
BFP-51696	Small Aluminum End Cap	4
BFH-50665	SHCS 3/8" x 1" - Low Profile	4

All Flat Washers and Nylocks are 3/8" unless otherwise noted.

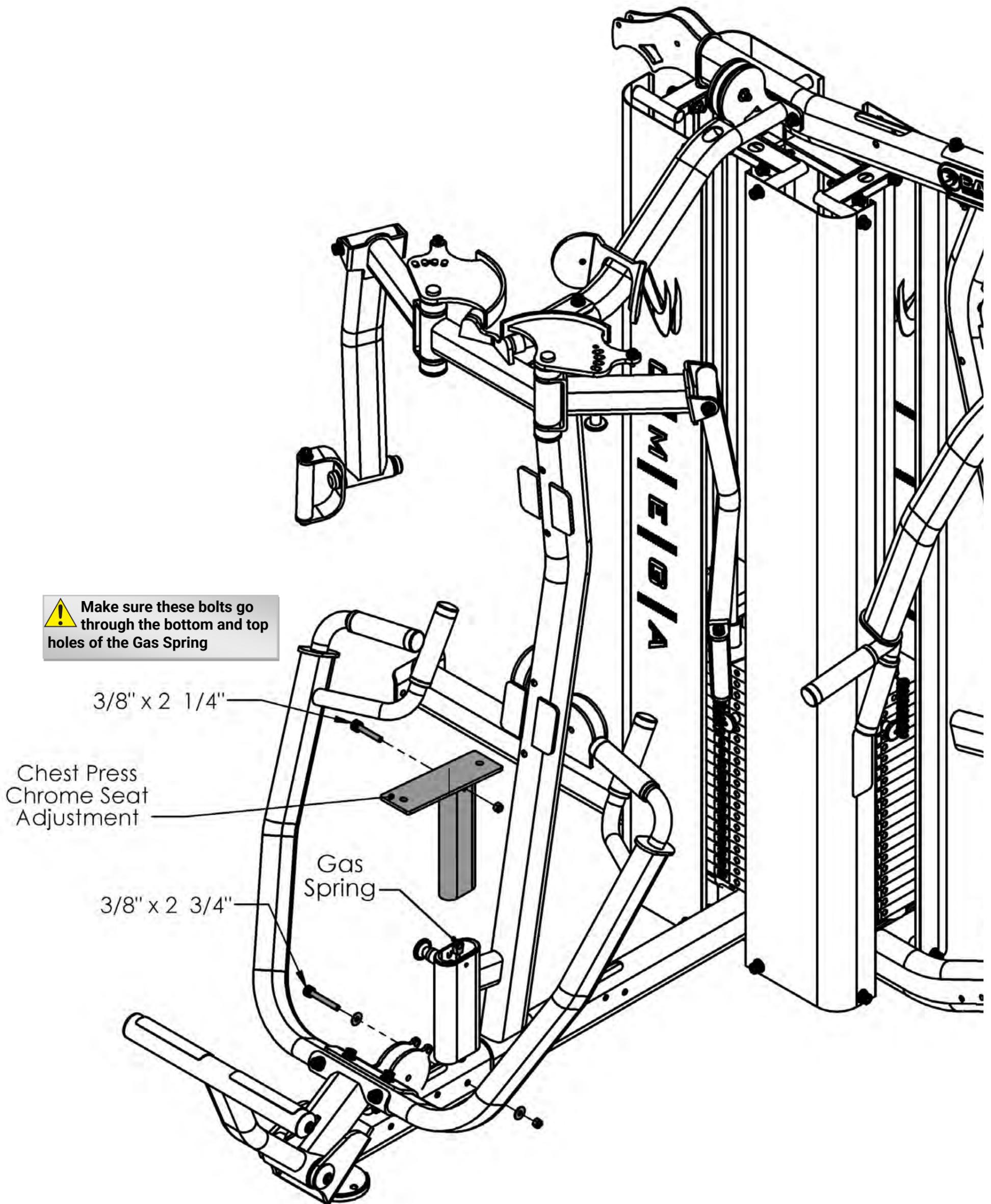
Step 11:  **Make Sure All Bolts Are Tightened Before Moving On**



All Flat Washers and Nylocks are 3/8" 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**.

Part #	Description	Qty
BFP-10832R	Lower Pec Arm (Right)	1
BFP-10832L	Lower Pec Arm (Left)	1
BFP-10826	Chest Press Arm	1
BFP-10837	Chest Press Pulley Holder	1
BFP-51736	1" Pec Arm Axle	2
BFH-51750	SHCS 3/8" x 2 3/4"	2
BFH-51884	SHCS 3/8" x 4 1/4"	2
BFH-51756	SHCS 3/8" x 5 1/4"	2
BFH-50204	3/8" Curved Washer	4
BFH-50146	3/8" Flat Washer	8
BFH-50157	3/8" Nylock	6

Step 12:  **Make Sure All Bolts Are Tightened Before Moving On**



 **Make sure these bolts go through the bottom and top holes of the Gas Spring**

3/8" x 2 1/4"

Chest Press
Chrome Seat
Adjustment

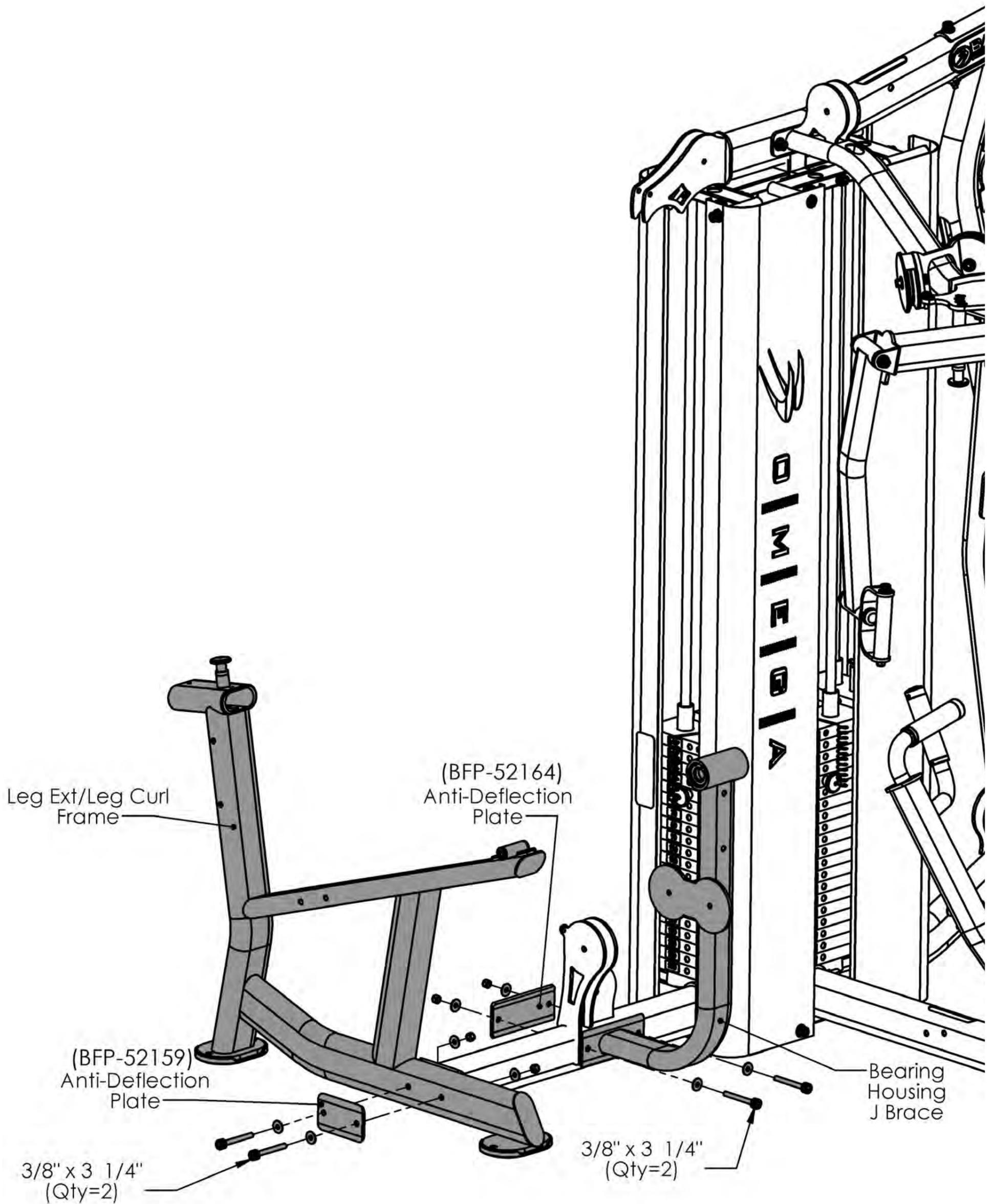
Gas
Spring

3/8" x 2 3/4"

All Flat Washers and Nylocks are 3/8" unless otherwise noted.

Part #	Description	Qty
BFP-10836	Chest Press Chrome Seat Adjustment	1
BFH-50210	Gas Spring	1
BFP-51752	SHCS 3/8" x 2 1/4"	1
BFP-51750	SHCS 3/8" x 2 3/4"	1
BFH-50146	3/8" Flat Washer	2
BFH-50157	3/8" Nylock	2

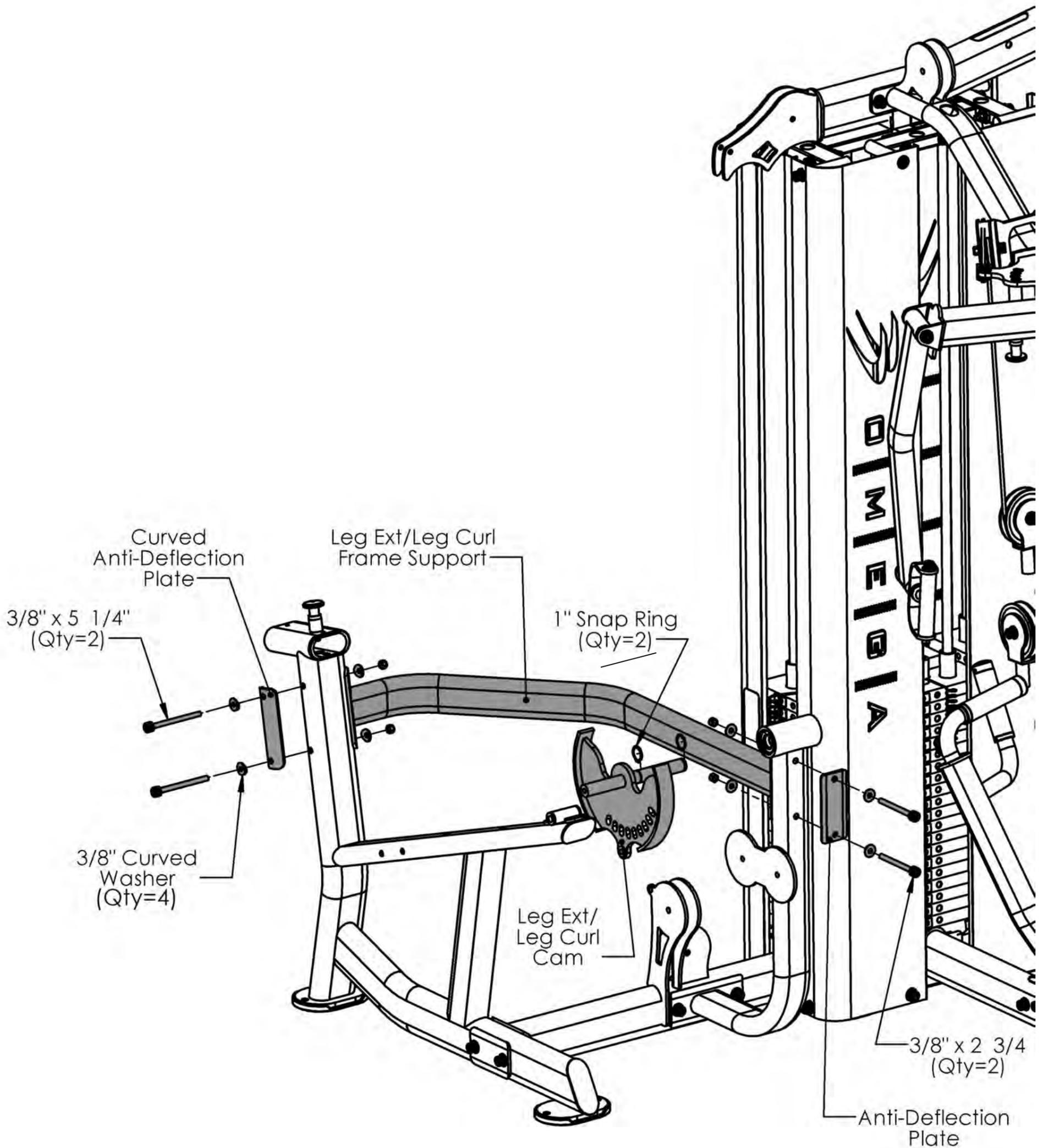
Step 13:  **Do Not Tighten Bolts Until Next Step**



All Flat Washers and Nylocks are 3/8" unless otherwise noted.

Part #	Description	Qty
BFM-11237	Leg Ext/Leg Curl Frame	1
BFP-10957	Bearing Housing J Brace	1
BFP-52159	5" Anti-Deflection Plate	1
BFP-52164	7" Anti-Deflection Plate	1
BFP-51748	SHCS 3/8" x 3 1/4"	4
BFH-50146	3/8" Flat Washer	8
BFH-50157	3/8" Nylock	4

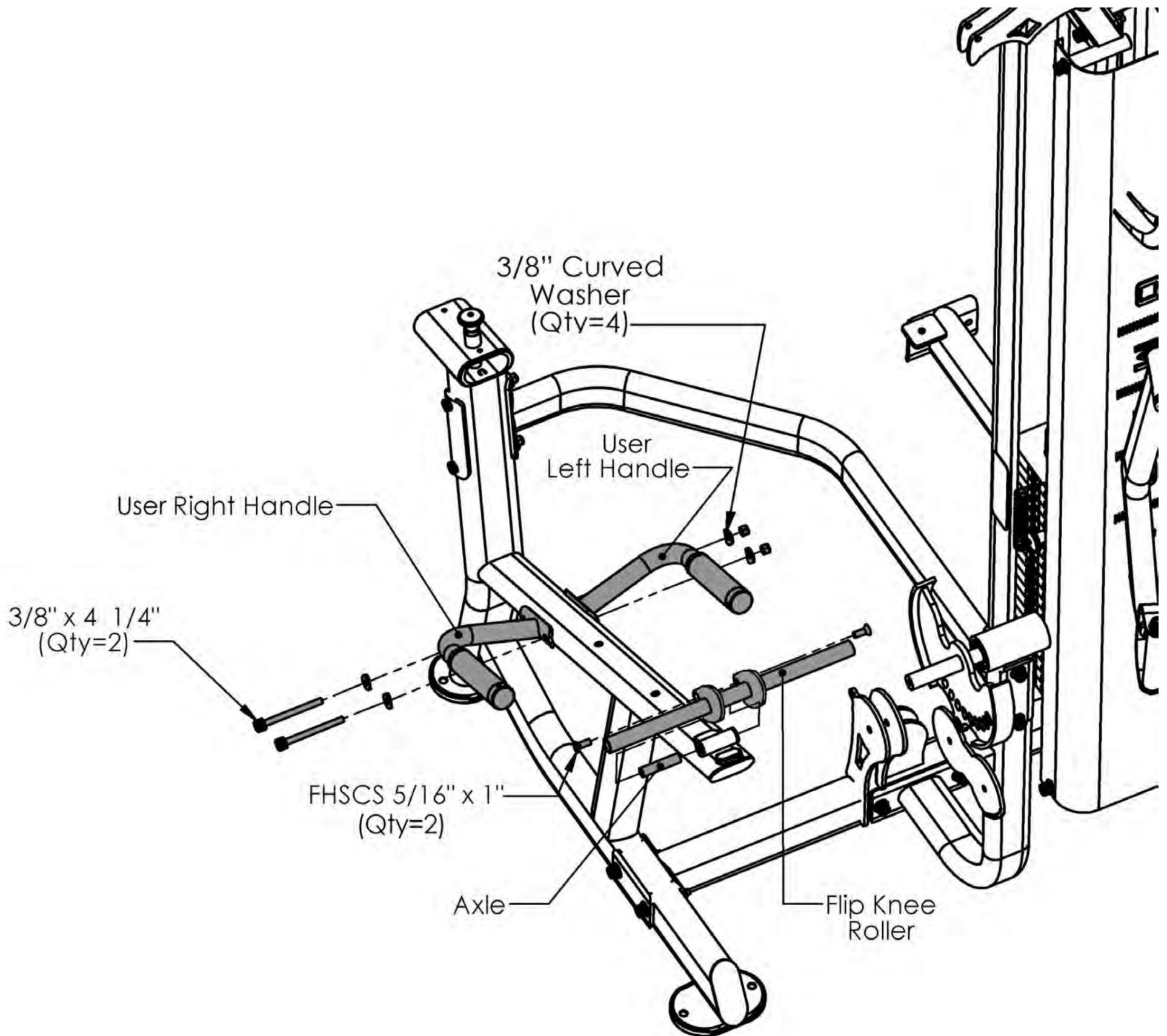
Step 14:  **Make Sure All Bolts Are Tightened Before Moving On**



All Flat Washers and Nylocks are 3/8" 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**.

Part #	Description	Qty
BFP-10963	Leg Ext/Leg Curl Frame Support	1
BFP-51836	Curved Anti-Deflection Plate	1
BFP-52132	Anti-Deflection Plate	1
BFP-10867	Leg Ext/Leg Curl Cam	1
BFH-50165	1" Snap Ring	2
BFP-51750	SHCS 3/8" x 2 3/4"	2
BFP-51756	SHCS 3/8" x 5 1/4"	2
BFH50204	3/8" Curved Washer	4
BFH-50146	3/8" Flat Washer	4
BFH-50157	3/8" Nylock	4

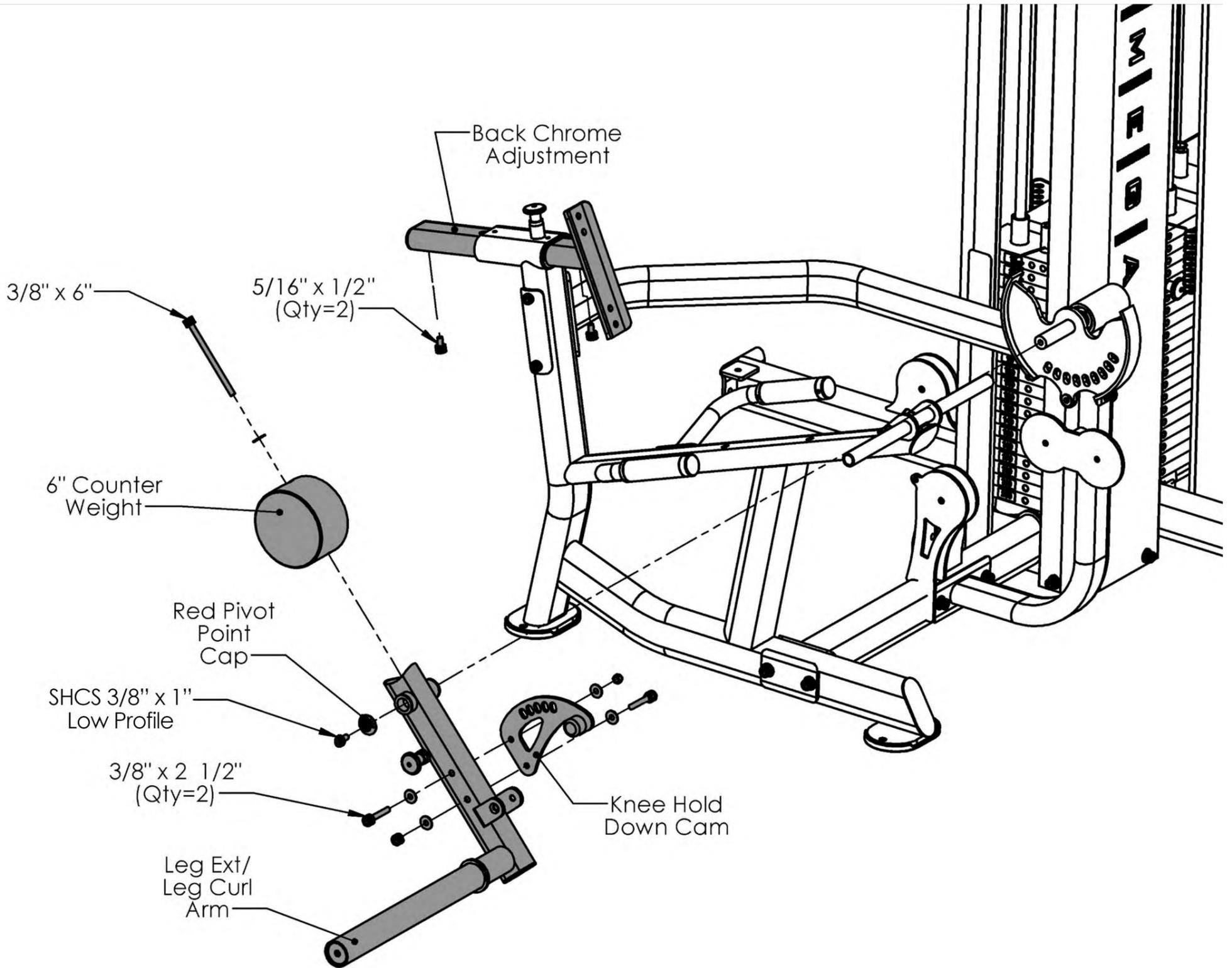
Step 15:  **Make Sure All Bolts Are Tightened Before Moving On**



All Flat Washers and Nylocks are 3/8" 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**.

Part #	Description	Qty
BFP-10872	User Right Handle	1
BFP-10873	User Left Handle	1
BFM-11268	Flip Knee Roller	1
BFM-53188	1/2" Knee Alignment Axle	1
BFP-50245	FHSCS 5/16" x 1"	2
BFP-51884	SHCS 3/8" x 4 1/4"	2
BFH-50204	3/8" Curved Washer	4
BFH-50157	3/8" Nylock	2

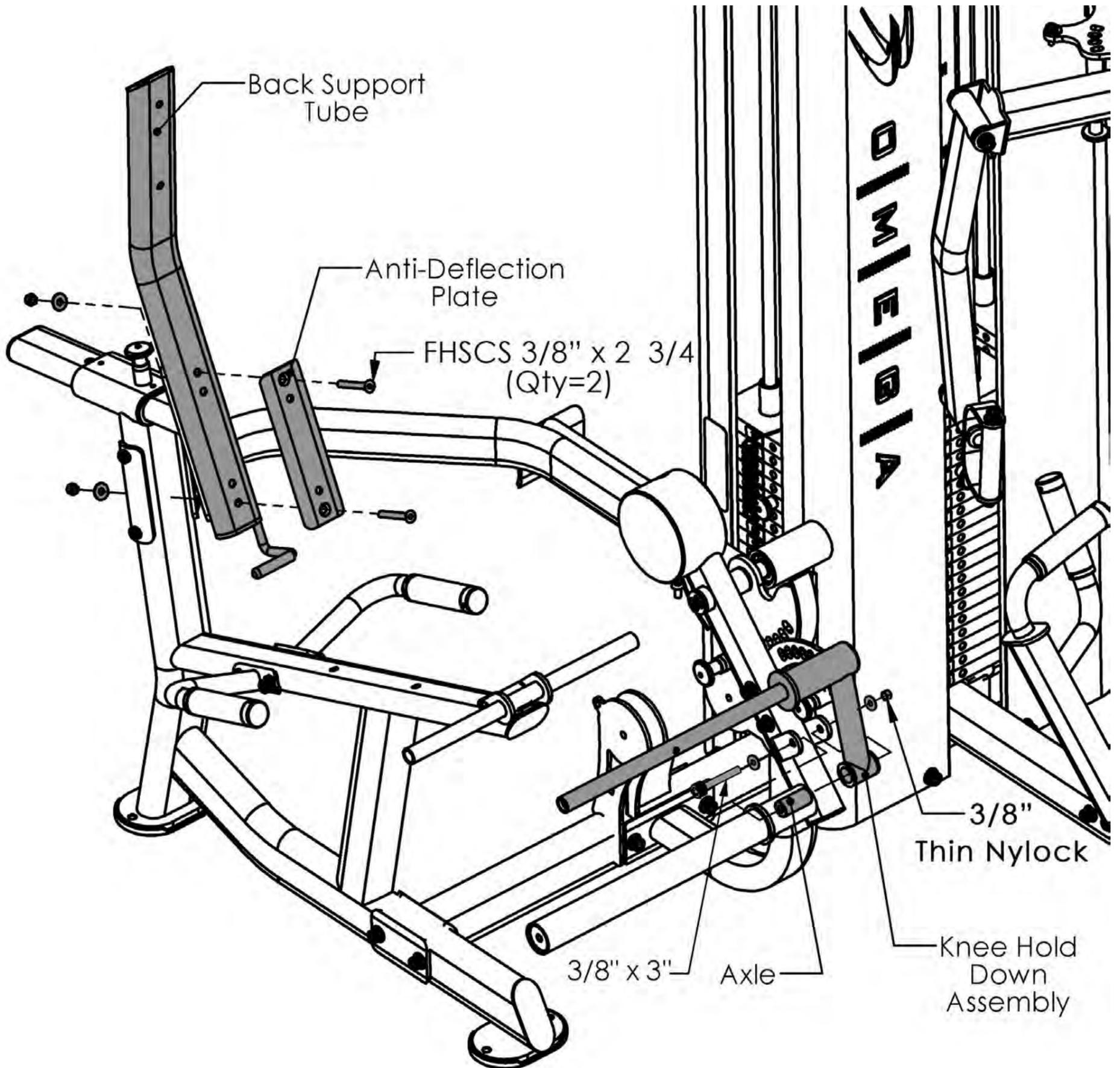
Step 16:  **Make Sure All Bolts Are Tightened Before Moving On**



All Flat Washers and Nylocks are 3/8" unless otherwise noted.

Part #	Description	Qty
BFP-10948	Back Chrome Adjustment	1
BFM-11272	Leg Ext/Leg Curl Arm	1
BFP-10869	Knee Hold Down Cam	1
BFP-51874	6" Counter Weight	1
BFP-51885	Red Pivot Point Cap	1
BFP-52373	SHCS 5/16" x 1/2"	2
BFH-50665	SHCS 3/8" x 1" - Low Profile	1
BFP-52382	SHCS 3/8" x 2 1/2"	2
BFP-52364	SHCS 3/8" x 6"	1
BFH-50146	3/8" Flat Washer	5
BFH-50157	3/8" Nylock	2

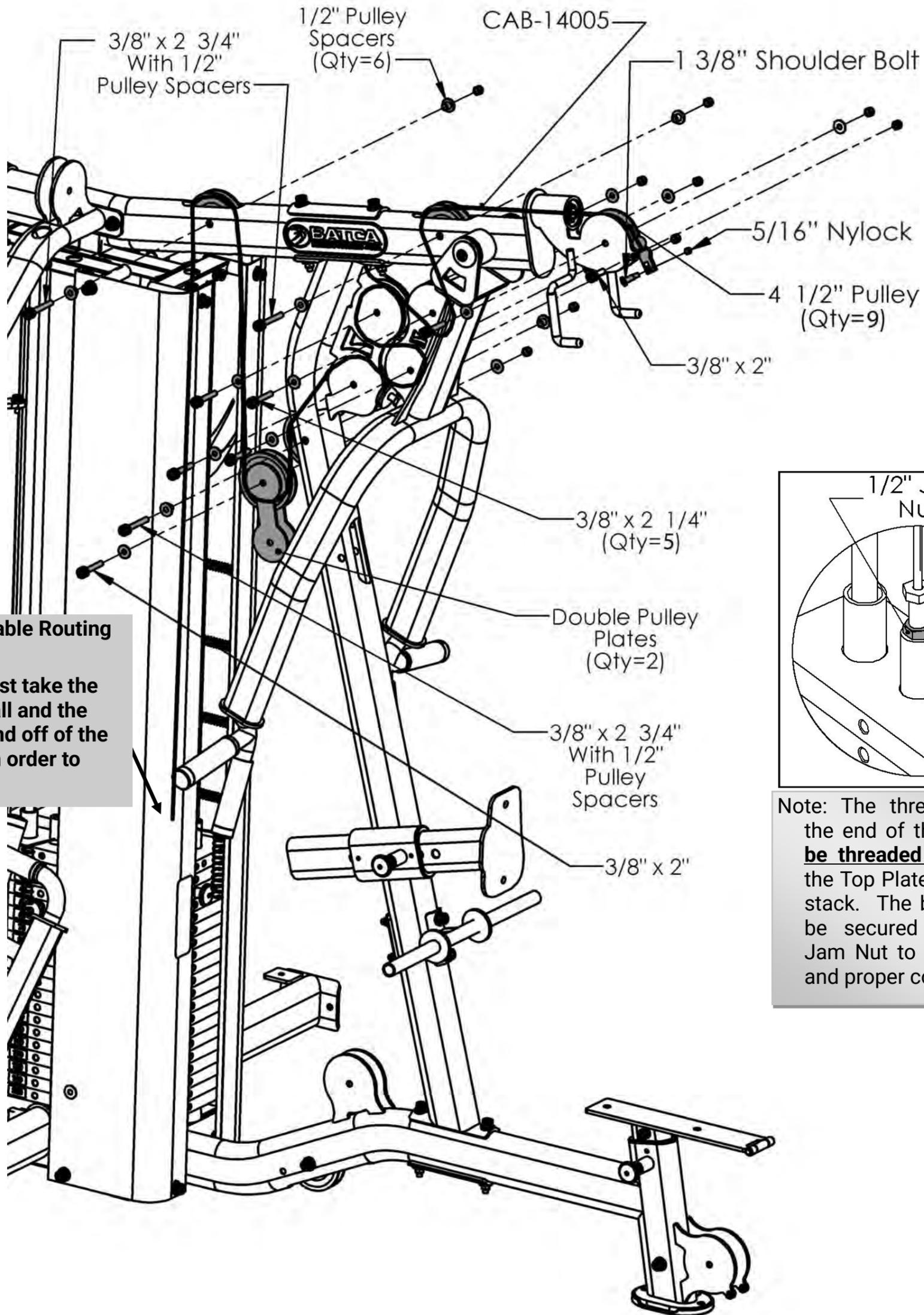
Step 17:  **Make Sure All Bolts Are Tightened Before Moving On**



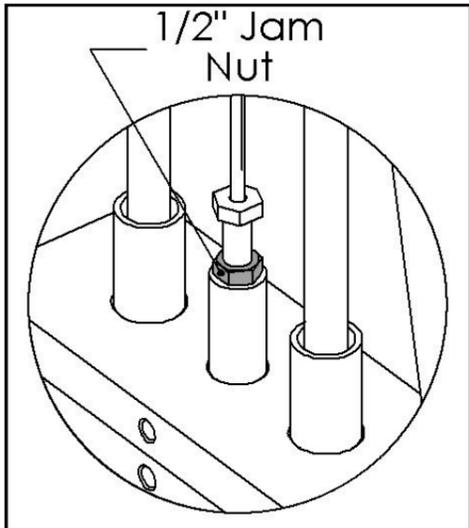
All Flat Washers and Nylocks are 3/8" unless otherwise noted.

Part #	Description	Qty
BFP-10857	Back Support Tube	1
BFP-52135	Anti-Deflection Plate	1
BFM-11271	Knee Hold Down Assembly	1
BFP-51909	Knee Hold Down Axle	1
BFP-51747	SHCS 3/8" x 3"	1
BFP-52374	FHSCS 3/8" x 2 3/4"	2
BFH-50146	3/8" Flat Washer	4
BFH-50157	3/8" Nylock	2
BFH-50247	3/8" Thin Nylock	1

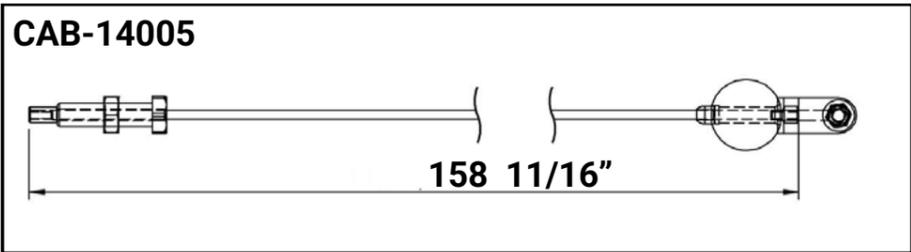
Step 18:  **Make Sure All Bolts Are Tightened Before Moving On**



Start Cable Routing here.
 You must take the Stop Ball and the strap end off of the cable in order to route it.



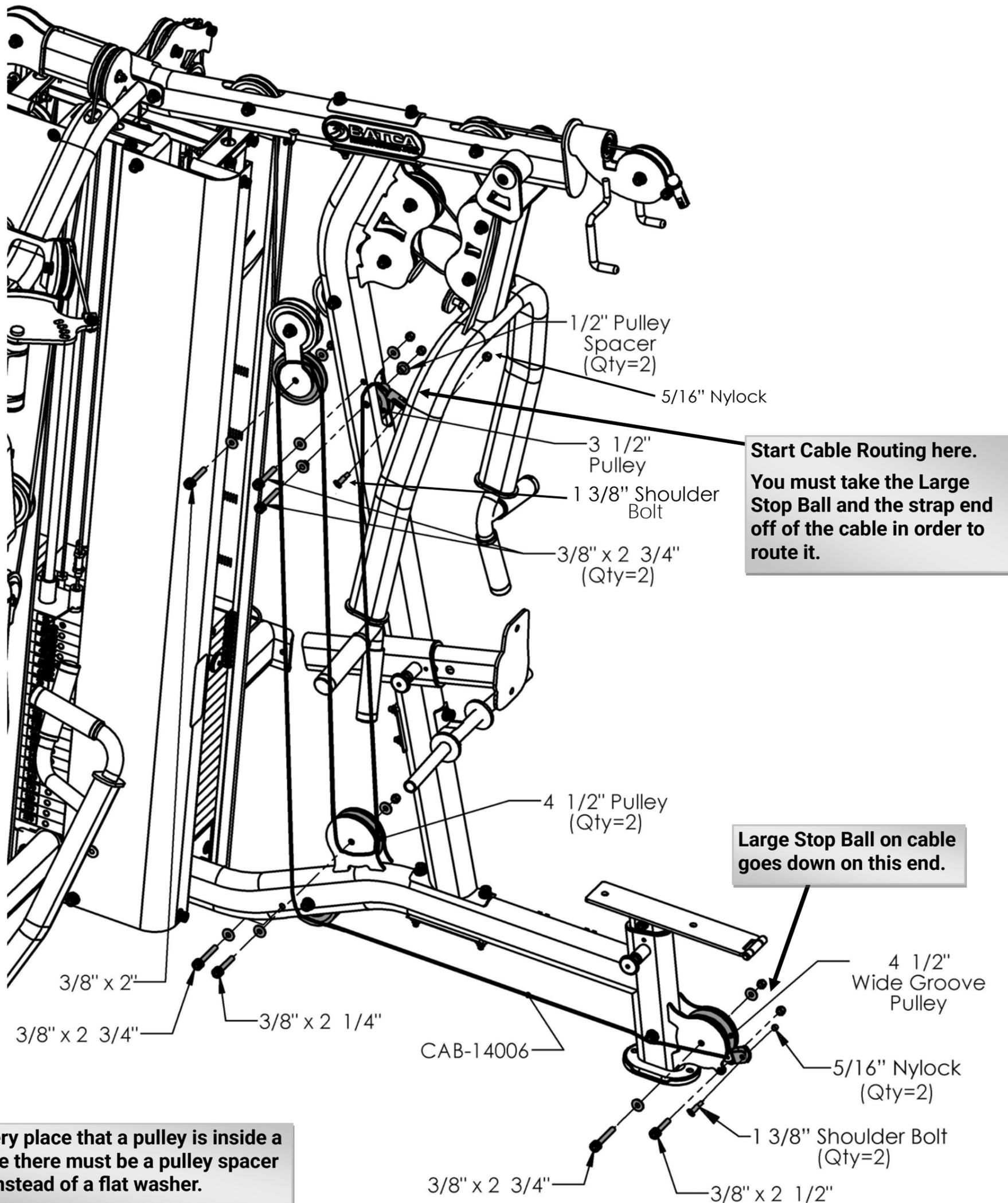
Note: The threaded bolt on the end of the cable **must be threaded at least 1/2"** the Top Plate of the weight stack. The bolt must also be secured with a 1/2" Jam Nut to ensure a safe and proper connection.



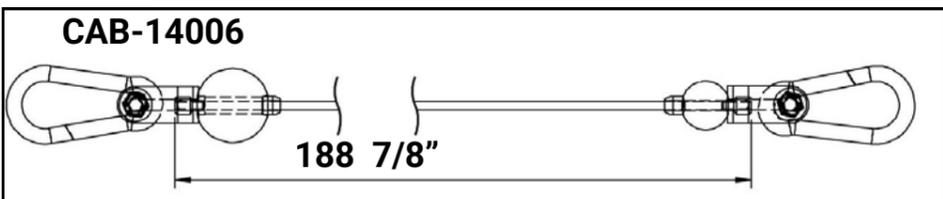
All Flat Washers and Nylocks are 3/8" unless otherwise noted.

Part #	Description	Qty
CAB-14005	Weight Stack to High Swivel Pulley	1
BFP-52165	Double Pulley Plate	2
BFH-50174	4 1/2" Pulley	9
BFP-51746	1/2" Pulley Spacer	6
BFH-50351	1 3/8" Shoulder Bolt	1
BFP-51759	SHCS 3/8" x 2"	2
BFP-51752	SHCS 3/8" x 2 1/4"	5
BFP-51750	SHCS 3/8" x 2 3/4"	3
BFH-50267	5/16" Nylock	1
BFH-50146	3/8" Flat Washer	12
BFH-50157	3/8" Nylock	10

Step 19:  **Make Sure All Bolts Are Tightened Before Moving On**



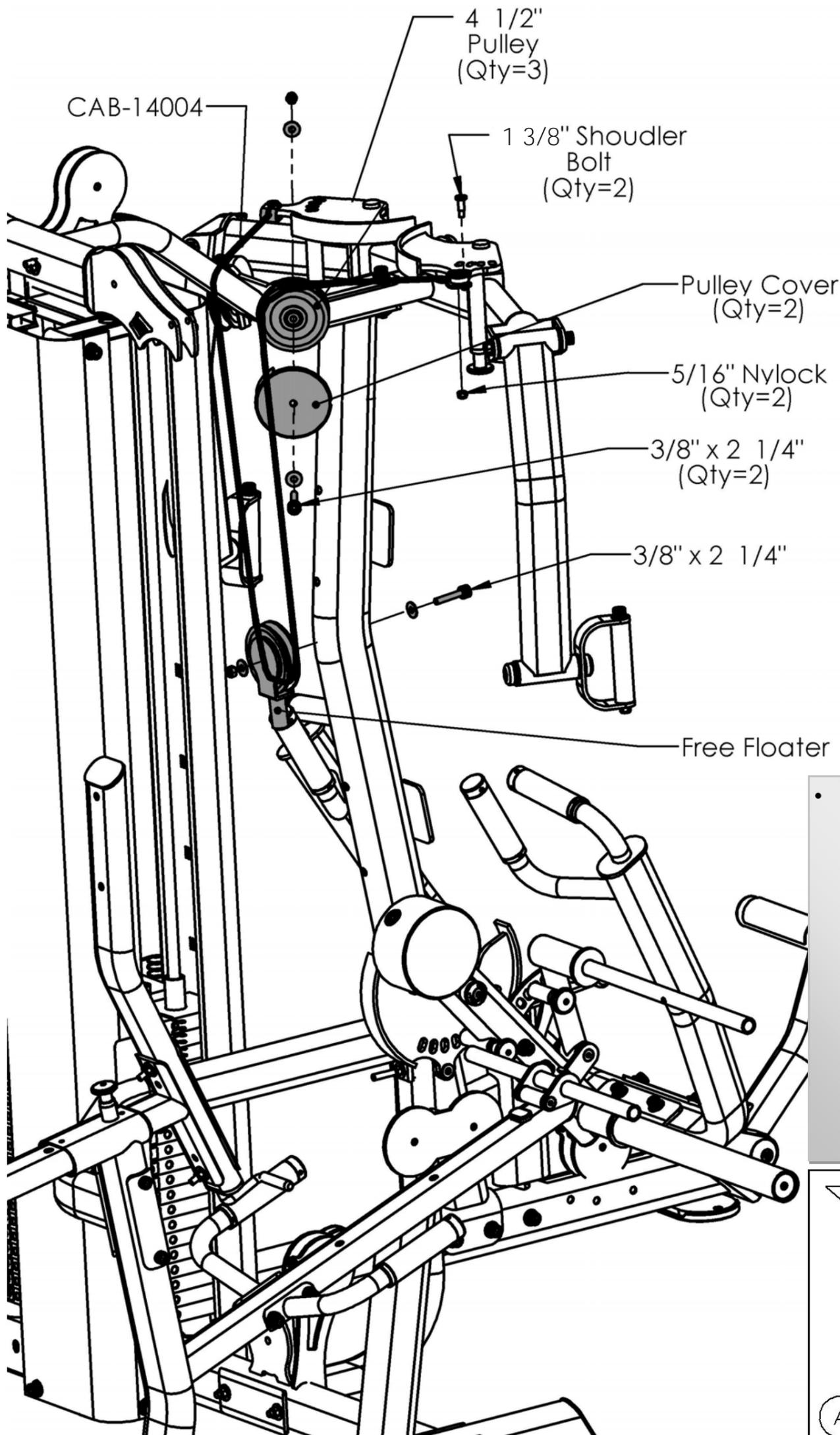
 **Every place that a pulley is inside a tube there must be a pulley spacer in use instead of a flat washer.**



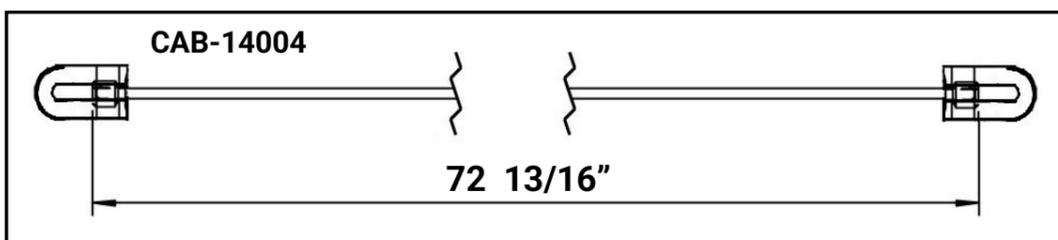
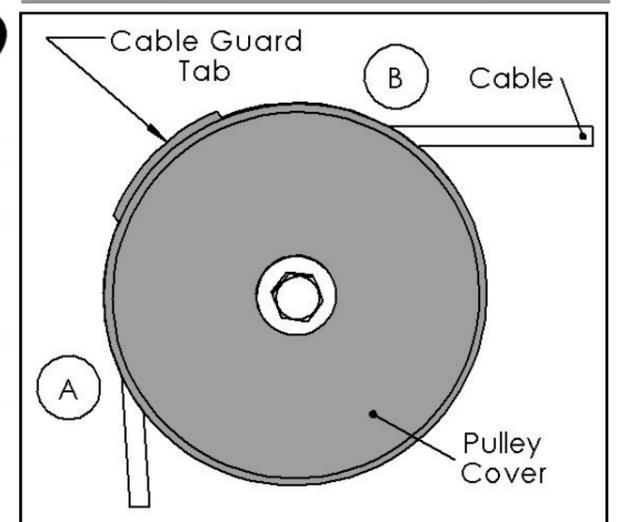
All Flat Washers and Nylocks are 3/8" unless otherwise noted.

Part #	Description	Qty
CAB-14006	Ab Crunch to Low Pulley	1
BFH-50173	3 1/2" Pulley	1
BFH50174	4 1/2" Pulley	2
BFP-52157	4 1/2" Wide Groove Pulley	1
BFP-51746	1/2" Pulley Spacer	2
BFH-50351	1 3/8" Shoulder Bolt	2
BFP-51759	SHCS 3/8" x 2"	1
BFP-51752	SHCS 3/8" x 2 1/4"	1
BFP-52382	SHCS 3/8" x 2 1/2"	1
BFP-51750	SHCS 3/8" x 2 3/4"	4
BFH-50267	5/16" Nylock	1
BFH-50146	3/8" Flat Washer	10
BFH-50157	3/8" Nylock	7

Step 20:  **Make Sure All Bolts Are Tightened Before Moving On**



- **Position** the cable guard tab on the Pulley Cover so that the tab prevents the cable from coming out of it's track on the 4 1/2" Pulley. An example of this positioning can be seen in the figure below. The cable guard tab should be positioned so that it is in the middle of the cable wrap on the 4 1/2" Pulley, between points "A" and "B". This will allow better protection and prevent the cable from rubbing the cable guard tab.

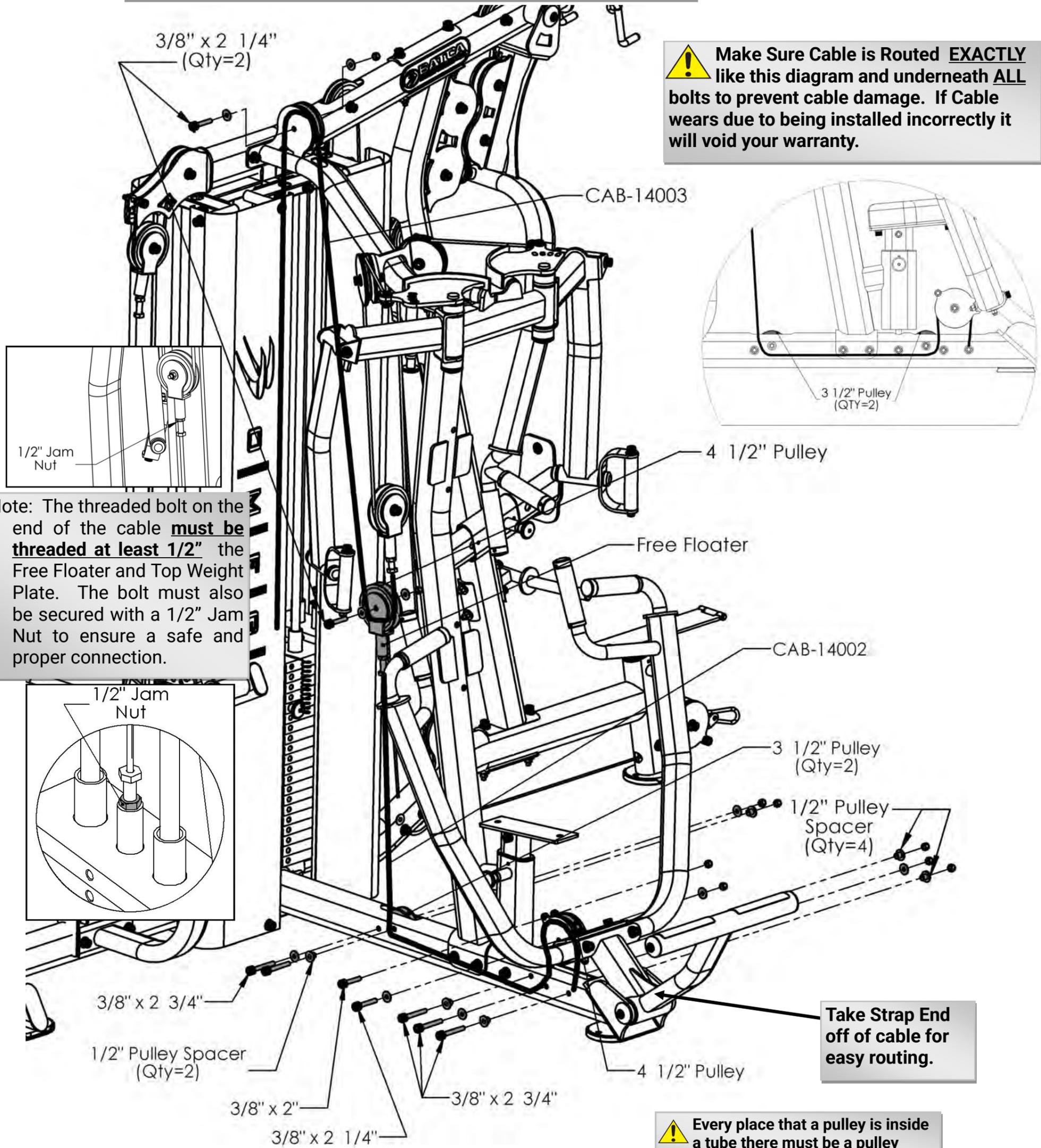


All Flat Washers and Nylocks are 3/8" unless otherwise noted.

Part #	Description	Qty
CAB-14004	Pec Cam to Free Floater	1
BFM-50345	Pulley Cover	2
BFP-10838	Free Floater	1
BFH50174	4 1/2" Pulley	3
BFH-50351	1 3/8" Shoulder Bolt	2
BFP-51752	SHCS 3/8" x 2 1/4"	3
BFH-50267	5/16" Nylock	2
BFH-50146	3/8" Flat Washer	6
BFH-50157	3/8" Nylock	3

Step 21:  **Make Sure All Bolts Are Tightened Before Moving On**

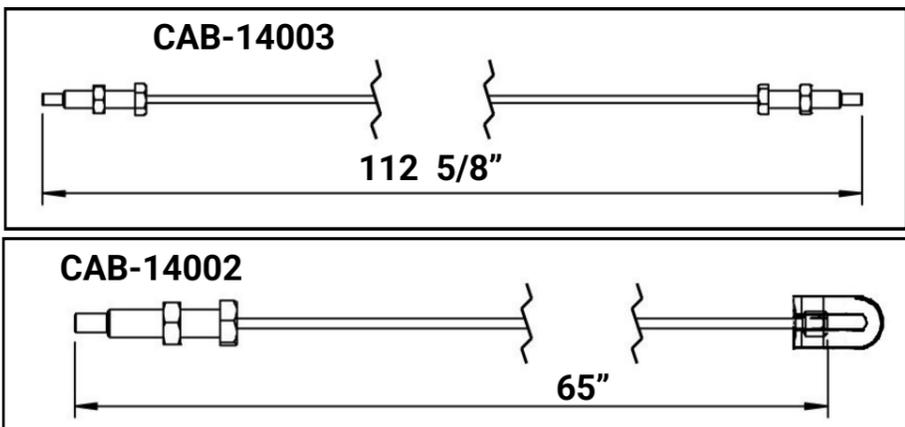
 **Make Sure Cable is Routed EXACTLY like this diagram and underneath ALL bolts to prevent cable damage. If Cable wears due to being installed incorrectly it will void your warranty.**



Note: The threaded bolt on the end of the cable **must be threaded at least 1/2"** the Free Floater and Top Weight Plate. The bolt must also be secured with a 1/2" Jam Nut to ensure a safe and proper connection.

Take Strap End off of cable for easy routing.

 **Every place that a pulley is inside a tube there must be a pulley spacer in use instead of a flat washer.**

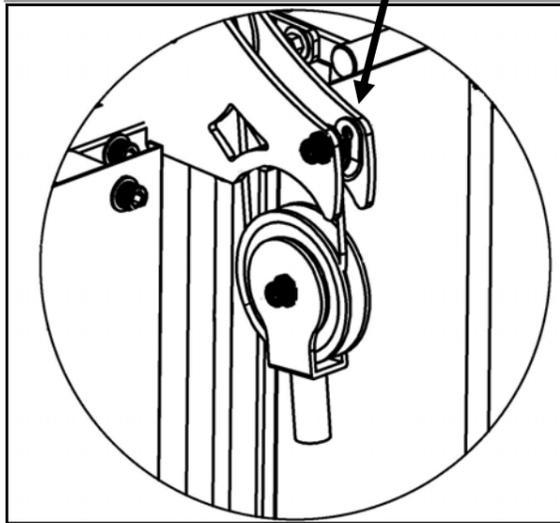


Part #	Description	Qty
CAB-14002	Free Floater to Chest Press	1
CAB-14003	Weight Stack to Free Floater	1
BFP-10838	Free Floater	1
BFH-50173	3 1/2" Pulley	2
BFH-50174	4 1/2" Pulley	2
BFP-51746	1/2" Pulley Spacer	6
BFP-51759	SHCS 3/8" x 2"	1
BFP-51752	SHCS 3/8" x 2 1/4"	3
BFP-51750	SHCS 3/8" x 2 3/4"	5
BFH-50146	3/8" Flat Washer	10
BFH-50157	3/8" Nylock	9

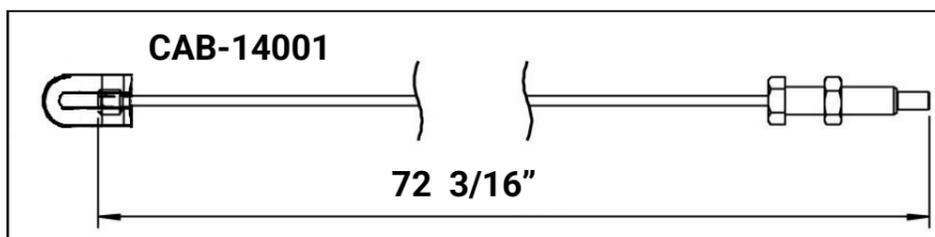
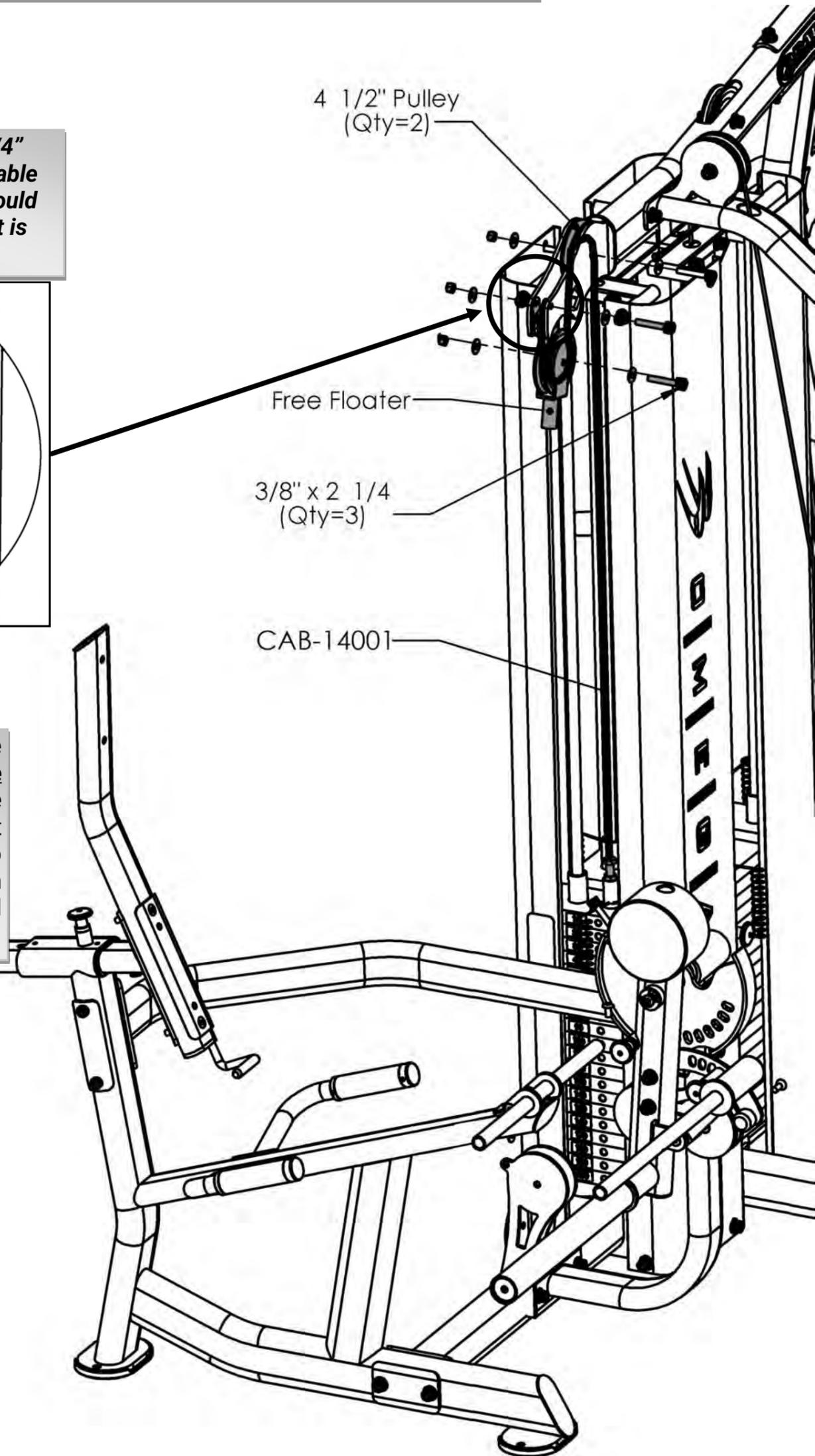
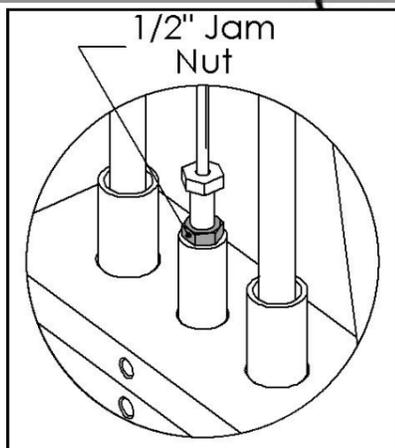
All Flat Washers and Nylocks are 3/8" unless otherwise noted.

Step 22:  **Make Sure All Bolts Are Tightened Before Moving On**

- Do not over tighten the 2 1/4" bolt that goes through the Cable Strap End. The Strap end should be able to pivot after the bolt is tightened.



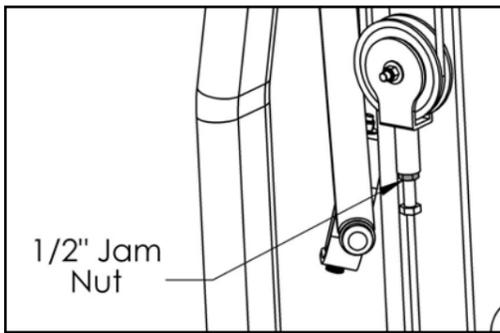
Note: The threaded bolt on the end of the cable **must be threaded at least 1/2"** the Free Floater and Top Weight Plate. The bolt must also be secured with a 1/2" Jam Nut to ensure a safe and proper connection.



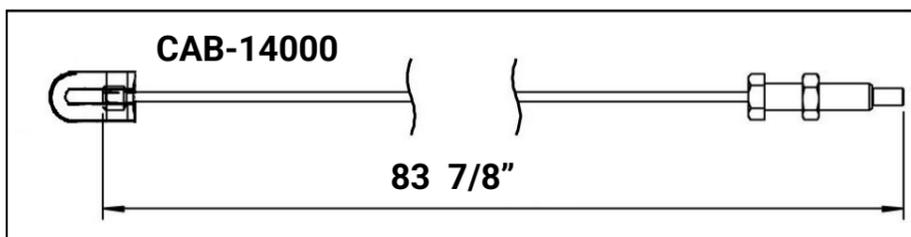
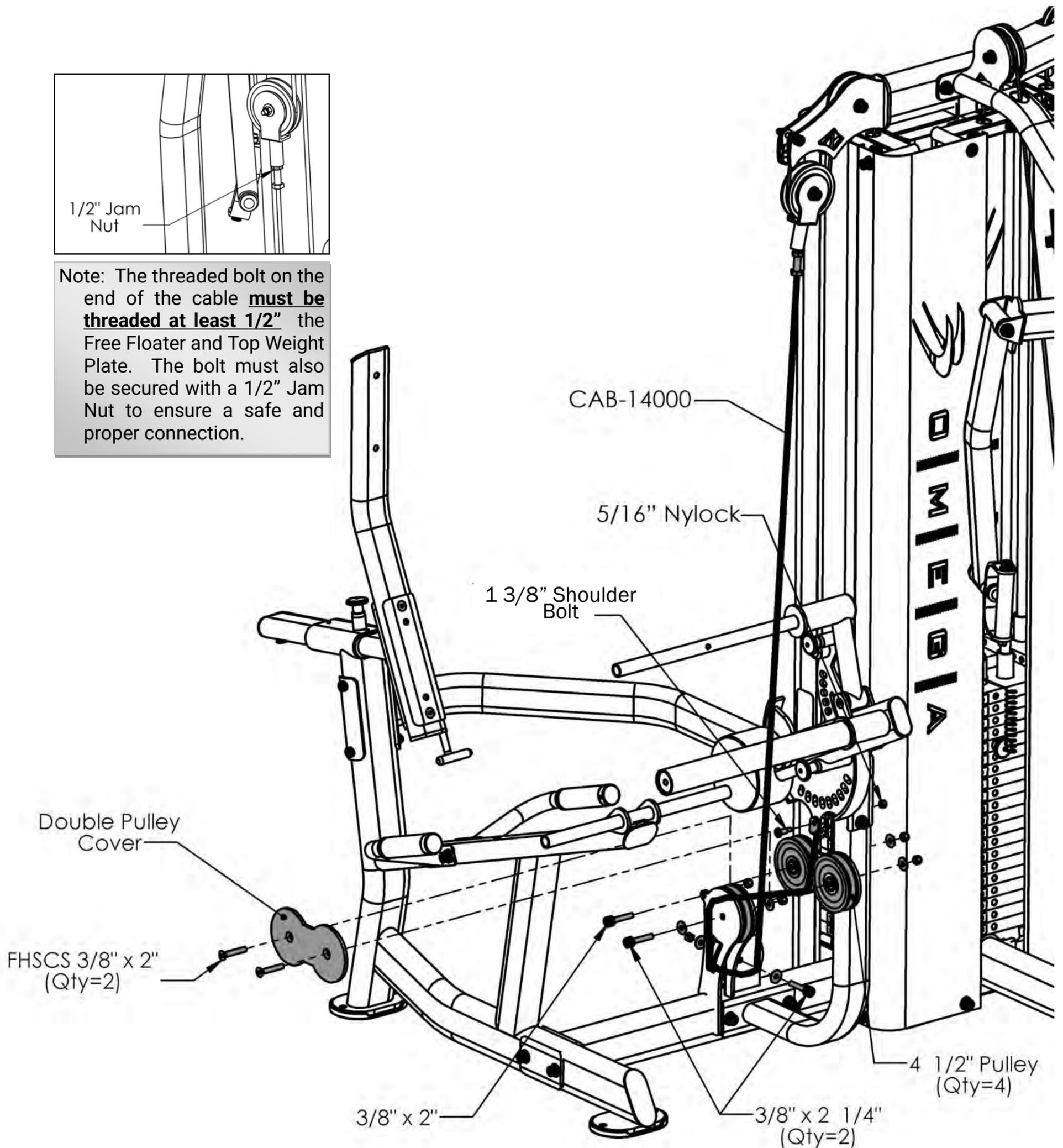
All Flat Washers and Nylocks are 3/8" unless otherwise noted. Anywhere a washer is against the round side of a tube there is to be a **3/8" CURVED WASHER** instead of a **3/8" FLAT WASHER**.

Part #	Description	Qty
CAB-14001	Weight Stack to Cable Lockout	1
BFP-10838	Free Floater	1
BFH-50174	4 1/2" Pulley	2
BFP-51752	SHCS 3/8" x 2 1/4"	3
BFH-50146	3/8" Flat Washer	6
BFH-50157	3/8" Nylock	3

Step 23:  **Make Sure All Bolts Are Tightened Before Moving On**



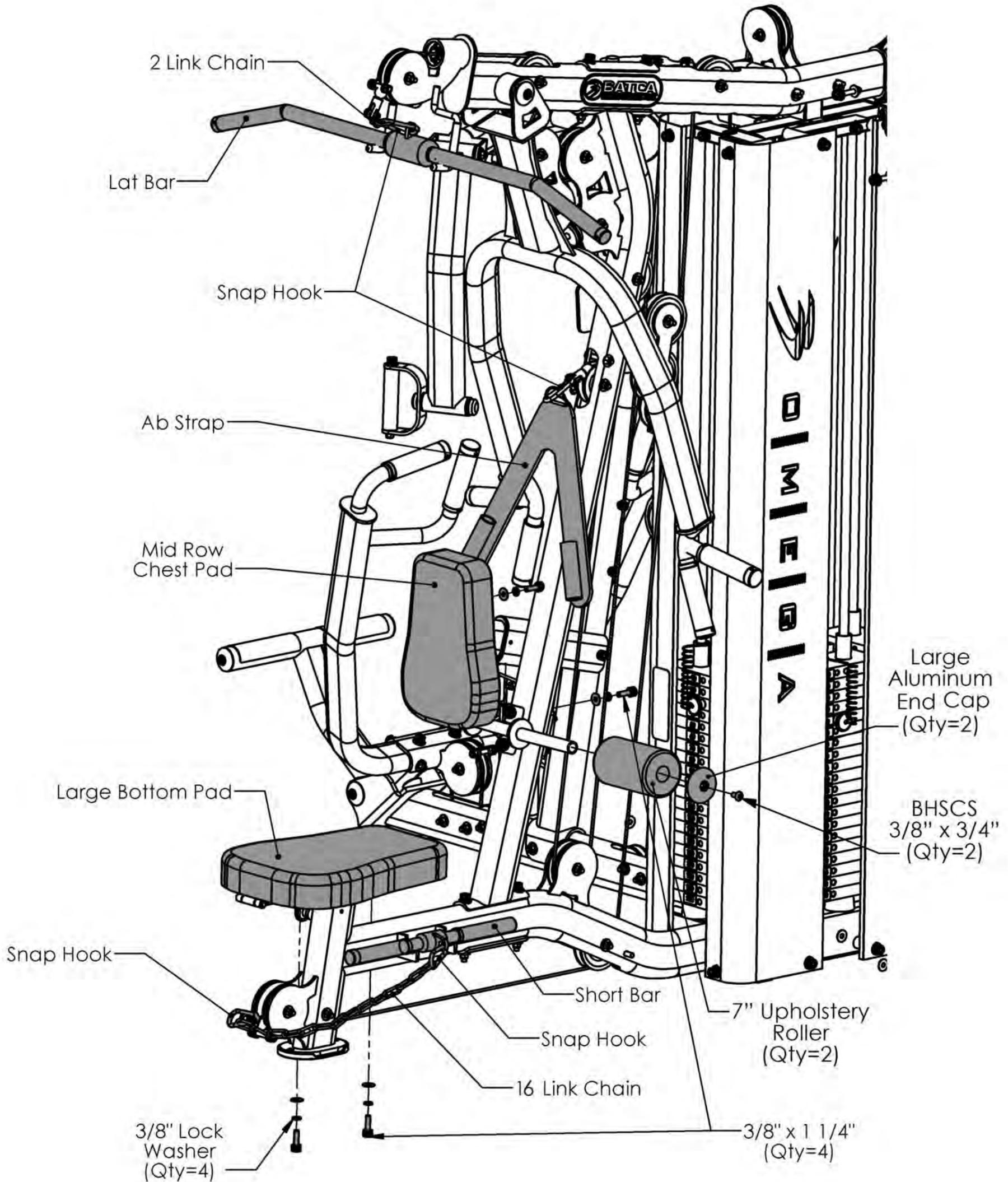
Note: The threaded bolt on the end of the cable **must be threaded at least 1/2"** the Free Floater and Top Weight Plate. The bolt must also be secured with a 1/2" Jam Nut to ensure a safe and proper connection.



All Flat Washers and Nylocks are 3/8" unless otherwise noted.

Part #	Description	Qty
CAB-14000	Free Floater to Leg Ext/Leg Curl Cam	1
BFP-51883	Double Pulley Cover	1
BFH-50174	4 1/2" Pulley	4
BFH-50351	1 3/8" Shoulder Bolt	1
BFP-51759	SHCS 3/8" x 2"	1
BFH-50145	FHSCS 3/8" x 2"	2
BFP-51752	SHCS 3/8" x 2 1/4"	2
BFH-50267	5/16" Nylock	1
BFH-50146	3/8" Flat Washer	6
BFH-50157	3/8" Nylock	5

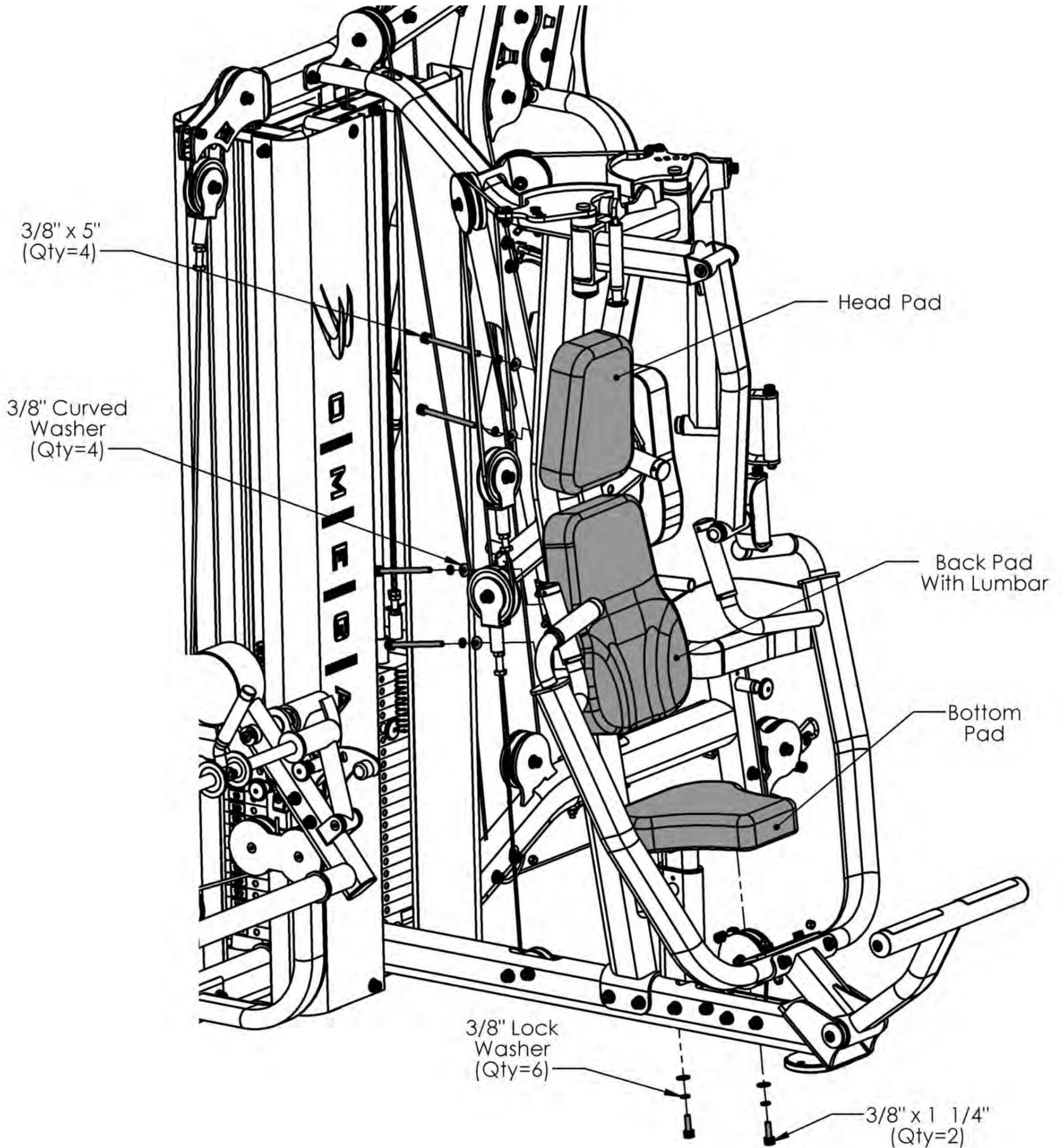
Step 24:  **Make Sure All Bolts Are Tightened Before Moving On**



Part #	Description	Qty
BFU-10188	Large Bottom Pad	1
BFU-10193	Mid Row Chest Pad	1
BFU-10201	7" Upholstery Roller	2
BFC-50122	Ab Strap	1
BFC-50125	Lat Bar	1
BFC-50126	Short Bar	1
16xBFC-50128	16 Link Chain	1
2xBFC-50128	2 Link Chain	1
BFH-50622	Large Aluminum End Cap	2
BFH-50188	Snap hook	4
BFP-52430	BHSCS 3/8" x 3/4"	2
BFP-51653	SHCS 3/8" x 1 1/4"	4
BFH-50147	3/8" Lock Washer	4
BFH-50146	3/8" Flat Washer	4

All Flat Washers and Nylocks are 3/8" unless otherwise noted.

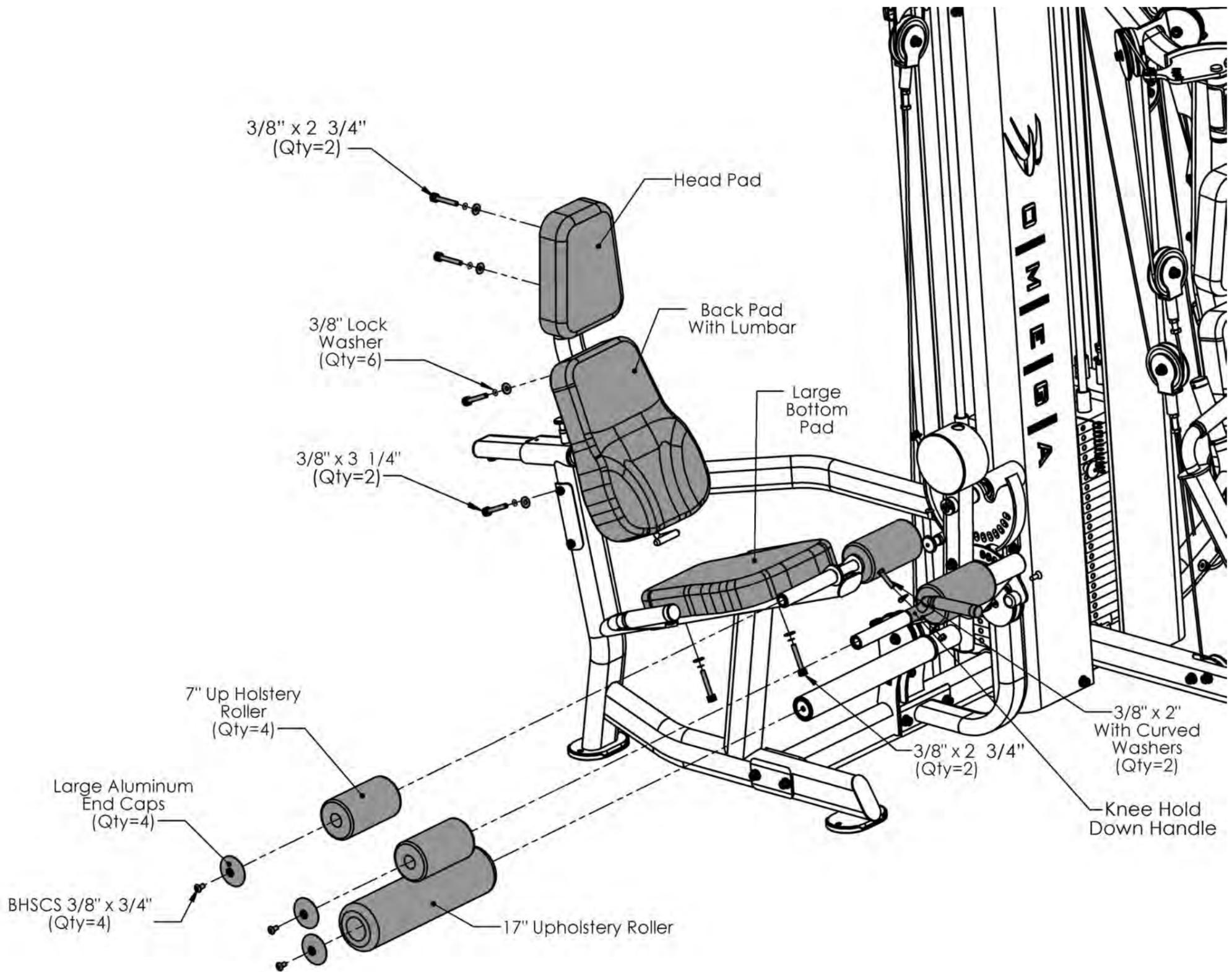
Step 25:  **Make Sure All Bolts Are Tightened Before Moving On**



All Flat Washers and Nylocks are 3/8" unless otherwise noted.

Part #	Description	Qty
BFU-10189	Back Pad With Lumbar	1
BFU-10187	Head Pad	1
BFU-10186	Bottom Pad	1
BFP-51653	SHCS 3/8" x 1 1/4"	2
BFP-51799	SHCS 3/8" x 5"	4
BFH-50147	3/8" Lock Washer	6
BFH-50204	3/8" Curved Washer	4
BFH-50146	3/8" Flat Washer	2

Step 26:  **Make Sure All Bolts Are Tightened Before Moving On**

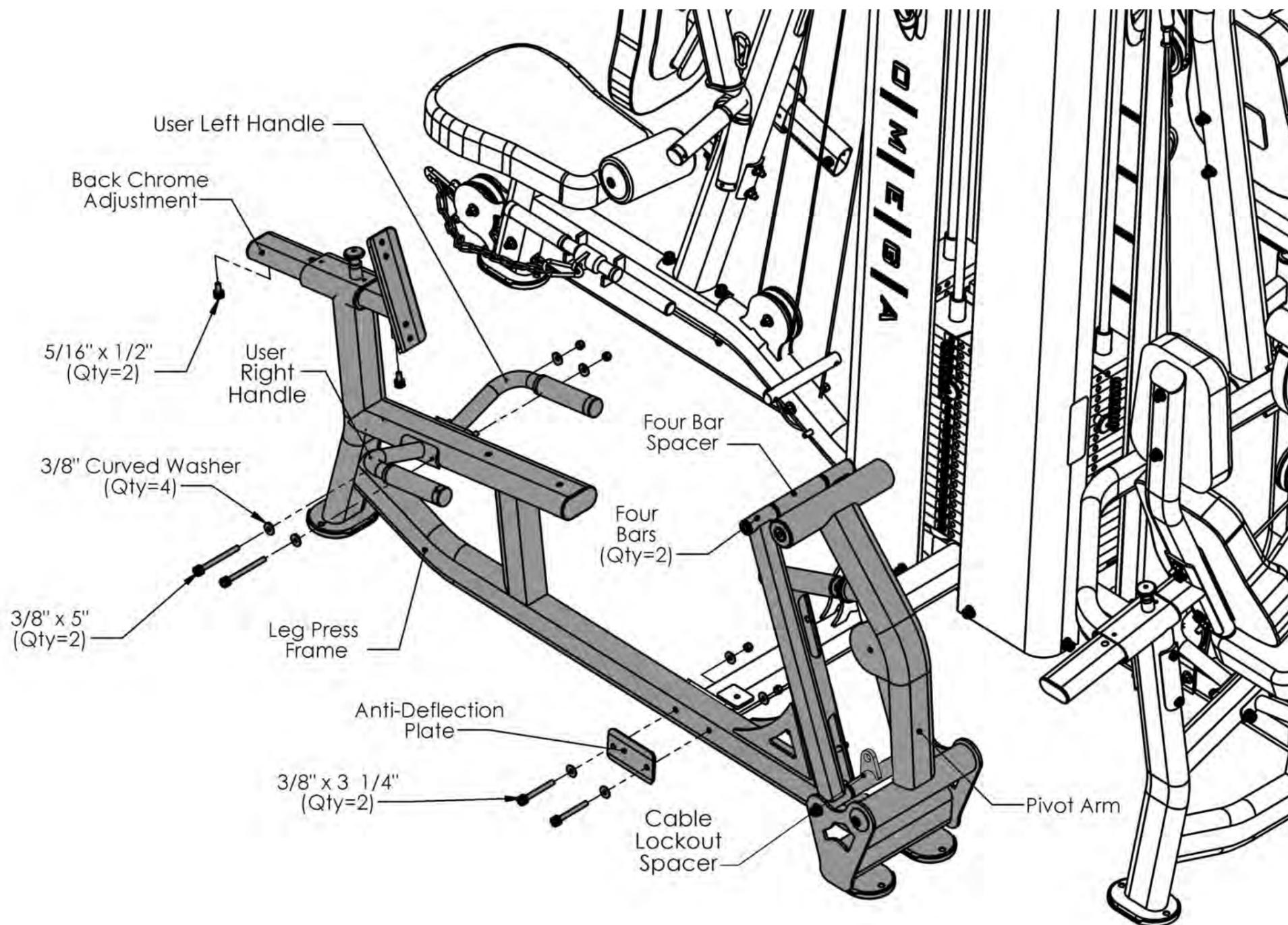


Part #	Description	Qty
BFM-11270	Knee Hold Down Handle	1
BFU-10187	Head Pad	1
BFU-10189	Back Pad With Lumbar	1
BFU-10188	Large Bottom Pad	1
BFU-10201	7" Upholstery Roller	4
BFU-10202	17" Upholstery Roller	1
BFH-50622	Large Aluminum End Cap	4
BFP-52430	BHSCS 3/8" x 3/4"	4
BFP-51759	SHCS 3/8" x 2"	1
BFP-51750	SHCS 3/8" x 2 3/4"	4
BFP-51748	SHCS 3/8" x 3 1/4"	2
BFH-50147	3/8" Lock Washer	6
BFH-50204	3/8" Curved Washer	2
BFH-50146	3/8" Flat Washer	6
BFH-50157	3/8" Nylock	1

All Flat Washers and Nylocks are 3/8" unless otherwise noted.

Leg Press Option

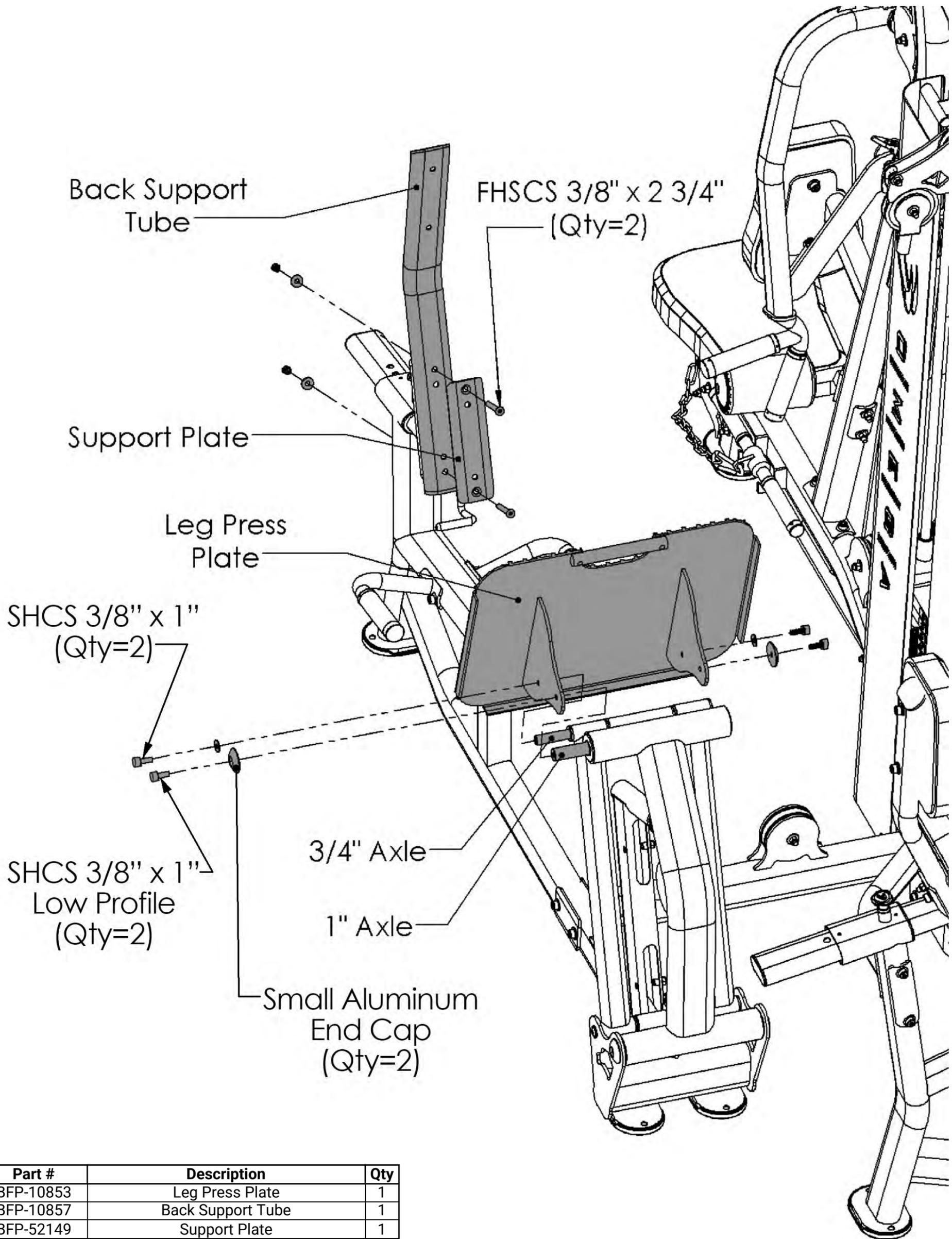
Step 27: This section is only for those who purchased the Leg Press Option.



Part #	Description	Qty
BFP-10964	Leg Press Frame	1
BFP-10856	Back Chrome Adjustment	1
BFP-10860	User Left Handle	1
BFP-10861	User Right Handle	1
BFP-52159	Anti-Deflection Plate	1
BFP-10852	Pivot Arm	1
BFP-10851	Four Bars	2
BFP-51843	Four Bar Spacer	1
BFP-11020	Cable Lockout Spacer	1
BFP-52373	SHCS 5/16" x 1/2"	2
BFP-51748	SHCS 3/8" x 3 1/4"	2
BFP-51799	SHCS 3/8" x 5"	2
BFH-50204	3/8" Curved Washer	4
BFH-50146	3/8" Flat Washer	4
BFH-50157	3/8" Nylock	4

All Flat Washers and Nylocks are 3/8" unless otherwise noted.

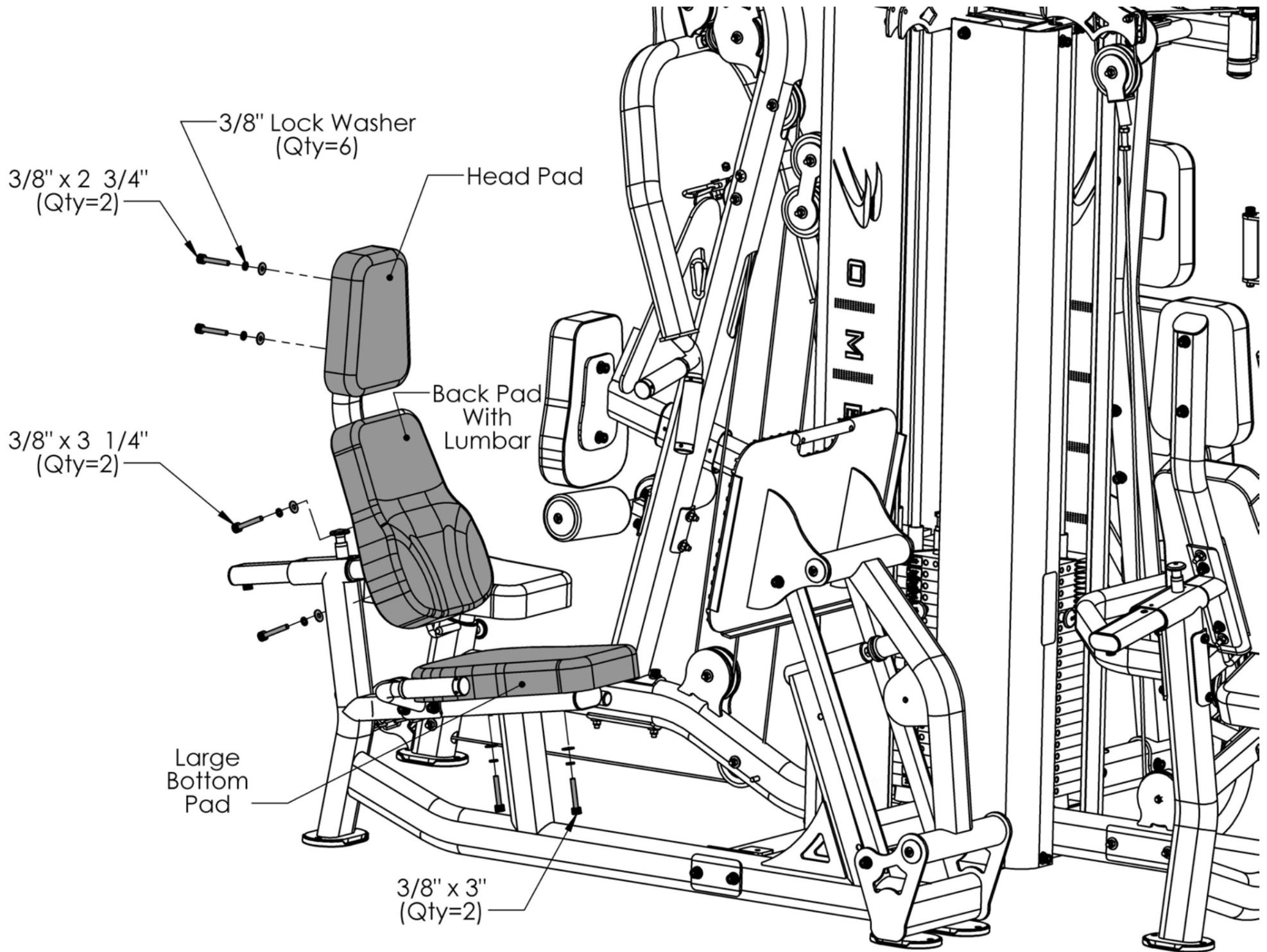
Step 28:  **Make Sure All Bolts Are Tightened Before Moving On**



Part #	Description	Qty
BFP-10853	Leg Press Plate	1
BFP-10857	Back Support Tube	1
BFP-52149	Support Plate	1
BFP-51844	1" Leg Press Axle	1
BFP-51846	3/4" Leg Press Axle	1
BFP-51696	Small Aluminum End Cap	2
BFP-52376	SHCS 3/8" x 1"	2
BFH-50665	SHCS 3/8" x 1" - Low Profile	2
BFP-52374	FHSCS 3/8" x 2 3/4"	2
BFH-50146	3/8" Flat Washer	4
BFH-50157	3/8" Nylock	2

All Flat Washers and Nylocks are 3/8" unless otherwise noted.

Step 29:  **Make Sure All Bolts Are Tightened Before Moving On**

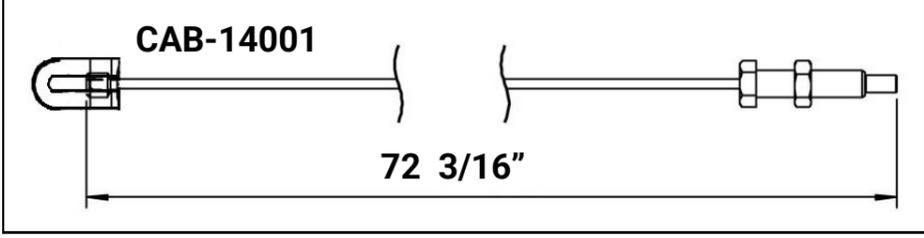
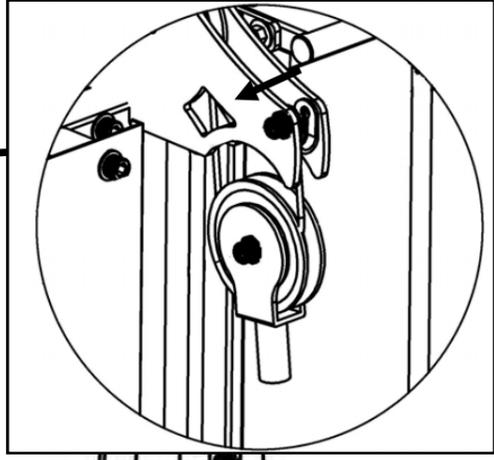
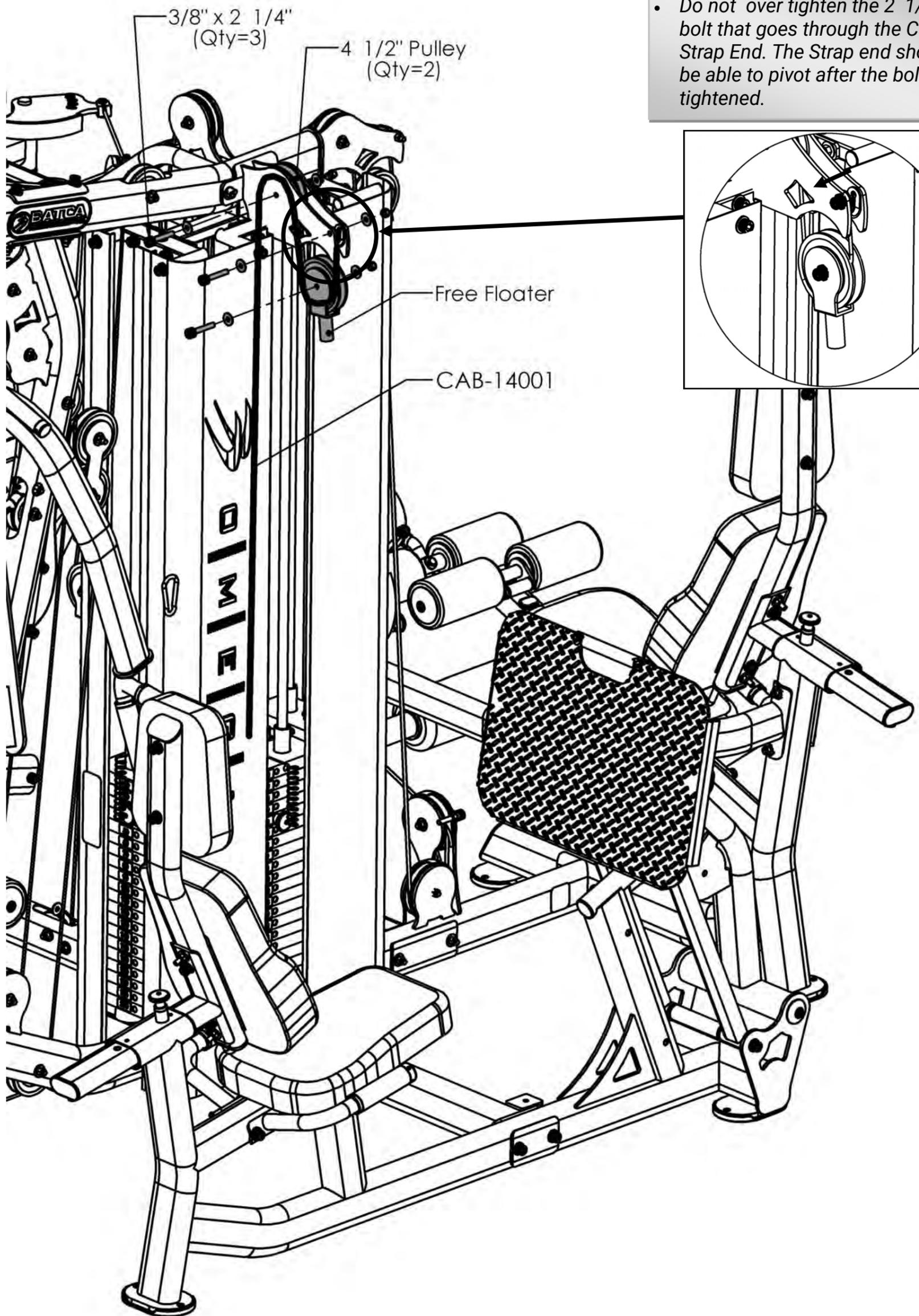


Part #	Description	Qty
BFU-10187	Head Pad	1
BFU-10189	Back Pad With Lumbar	1
BFU-10188	Large Bottom Pad	1
BFP-51750	SHCS 3/8" x 2 3/4"	2
BFP-51747	SHCS 3/8" x 3"	2
BFP-51748	SHCS 3/8" x 3 1/4"	2
BFH-50157	3/8" Lock Washer	6
BFH-50146	3/8" Flat Washer	6

All Flat Washers and Nylocks are 3/8" unless otherwise noted.

Step 30:  **Make Sure All Bolts Are Tightened Before Moving On**

• Do not over tighten the 2 1/4" bolt that goes through the Cable Strap End. The Strap end should be able to pivot after the bolt is tightened.

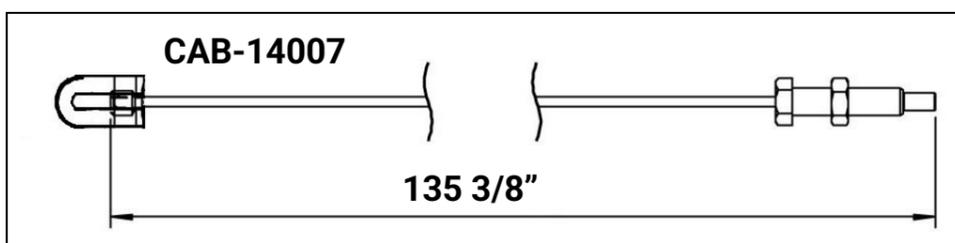
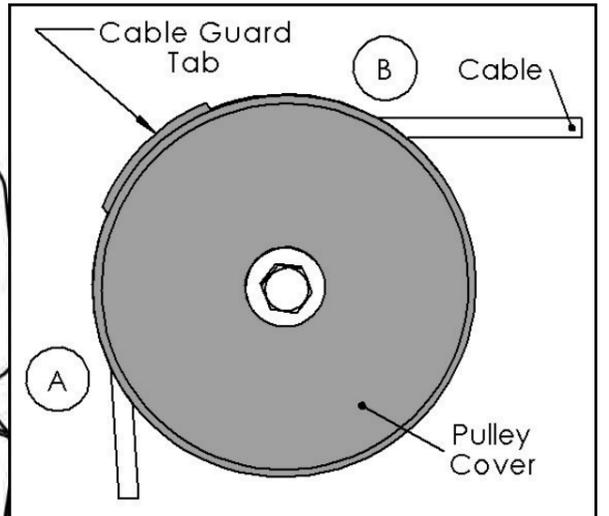
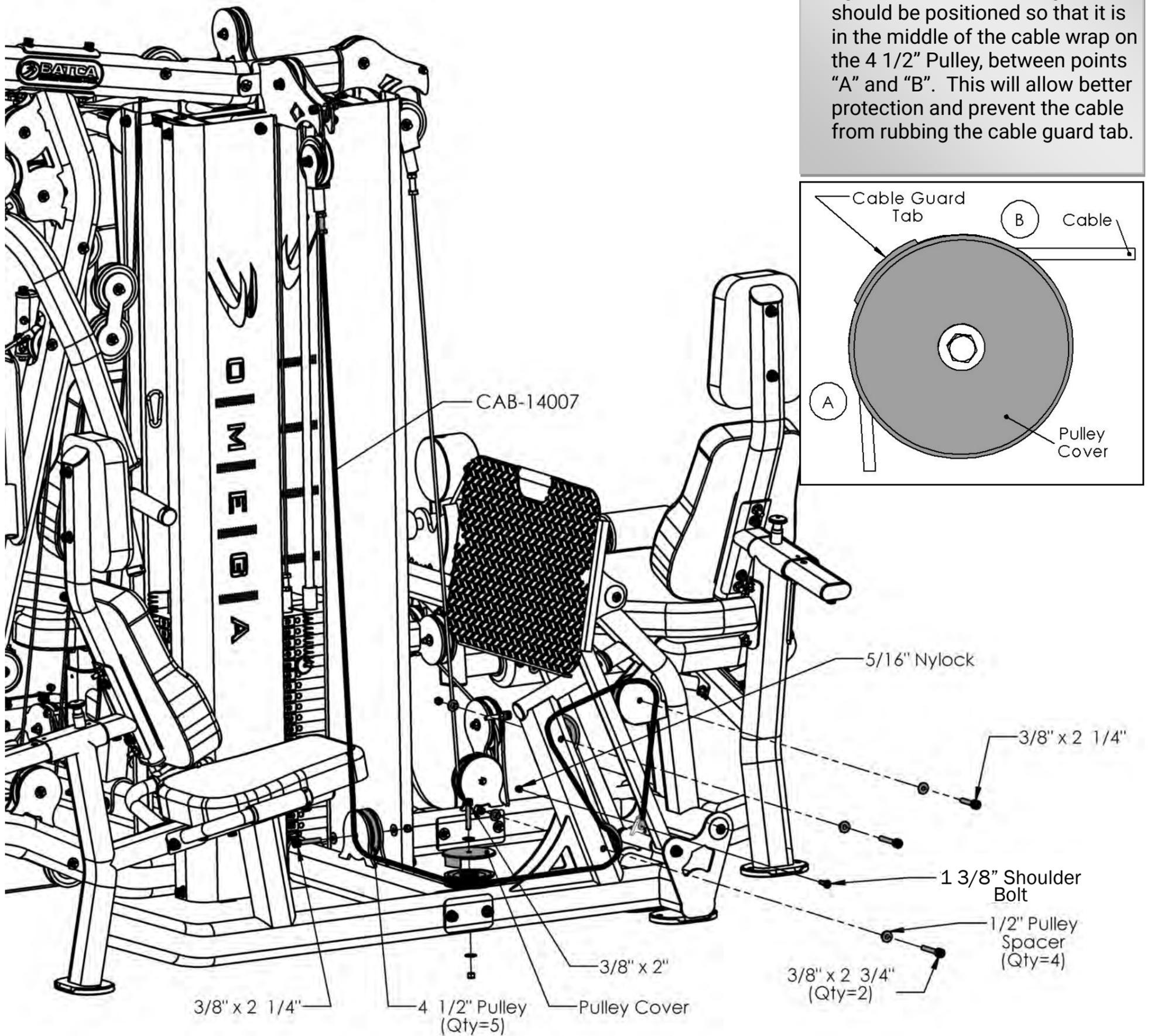


Part #	Description	Qty
CAB-14001	Weight Stack to Free Floater	1
BFP-10838	Free Floater	1
BFH-50174	4 1/2" Pulley	2
BFP-51752	SHCS 3/8" x 2 1/4"	3
BFH-50146	3/8" Flat Washer	6
BFH-50157	3/8" Nylock	3

All Flat Washers and Nylocks are 3/8" unless otherwise noted.

Step 31:  **Make Sure All Bolts Are Tightened Before Moving On**

- **Position** the cable guard tab on the Pulley Cover so that the tab prevents the cable from coming out of its track on the 4 1/2" Pulley. An example of this positioning can be seen in the figure below. The cable guard tab should be positioned so that it is in the middle of the cable wrap on the 4 1/2" Pulley, between points "A" and "B". This will allow better protection and prevent the cable from rubbing the cable guard tab.

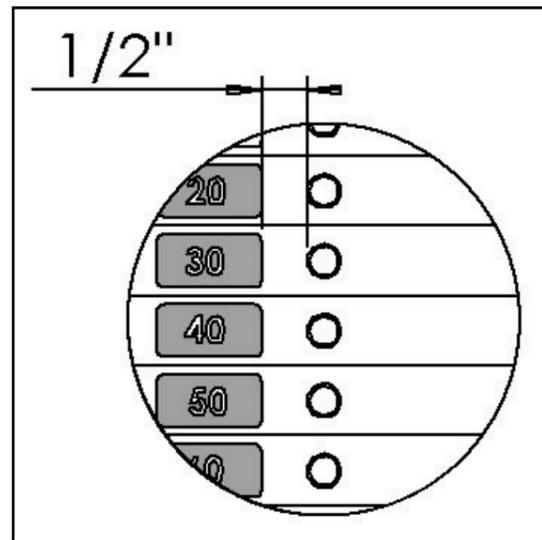
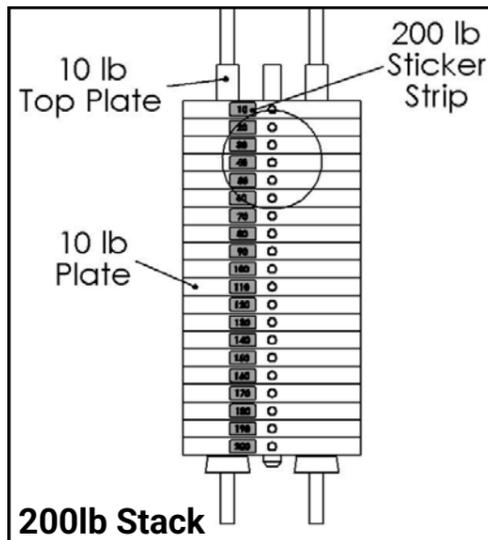


All Flat Washers and Nylocks are 3/8" unless otherwise noted.

Part #	Description	Qty
CAB-14007	Free Floater to Leg Press Lockout	1
BFM-50345	Pulley Cover	1
BFH-50174	4 1/2" Pulley	5
BFP-51746	1/2" Pulley Spacer	4
BFH-50351	1 3/8" Shoulder Bolt	1
BFP-51759	SHCS 3/8" x 2"	1
BFP-51752	SHCS 3/8" x 2 1/4"	2
BFP-51750	SHCS 3/8" x 2 3/4"	2
BFH-50267	5/16" Nylock	1
BFH-50146	3/8" Flat Washer	6
BFH-50157	3/8" Nylock	5

Final Assembly and Troubleshooting

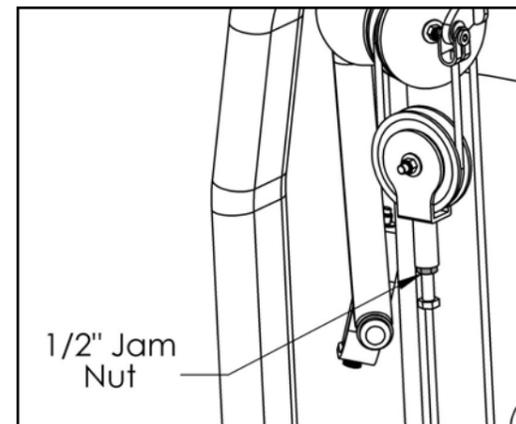
Weight Stack Decals:



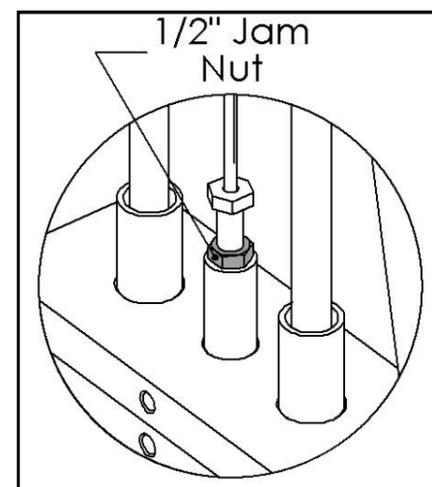
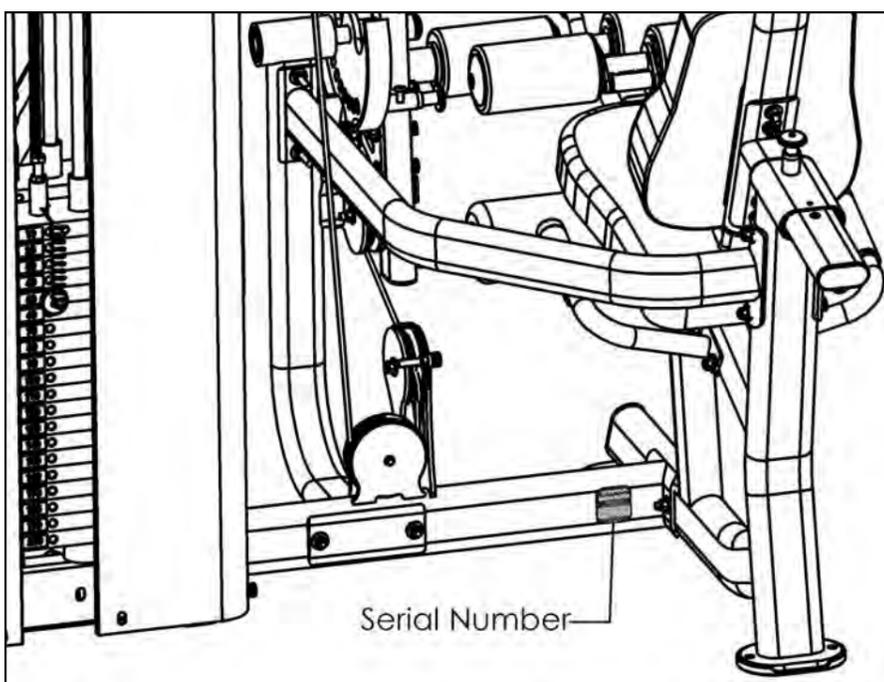
! The weight stack decals should be installed with a gap of 1/2" between the edge of the decals and the side of the holes for the weight stack pin. This spacing is critical because a larger gap between the decal and the center pin hole could result in the weight stack decals being covered by shrouds. It is helpful to use a 1" strip of painters tape to install the decals straight by lining up the edge of the piece of tape with the center of the hole in the plates and use the other side of the tape as a guide for applying the decals. The stacks shown in the diagram above are our standard 200 lb weight stacks where all 20 plates are 10lbs. The decals used for the standard weight stack should be labeled 10-200. If the medical 175 lb weight stacks were purchased, the top five plates will be 5 lbs. The decals used for the medical weight stacks should be labeled 5-175 and are typically packaged with the weight stacks themselves.

IMPORTANT - Check These Components Before Using Gym:

- Each Cable with a threaded bolt on either end **must be threaded at least 1/2"** into its attachment, whether it be a Free Floater, Lockout Free Floater, or the Top Plate of the weight stack. Each must also be secured with a 1/2" Jam Nut to ensure a safe and proper connection.



Free Floater



Top Plate

- Record** your serial number on the front of this manual and keep for your records. The serial number can be found back of the Leg Extension/Leg Curl Base as shown in the figure to the left.

Guide Rod

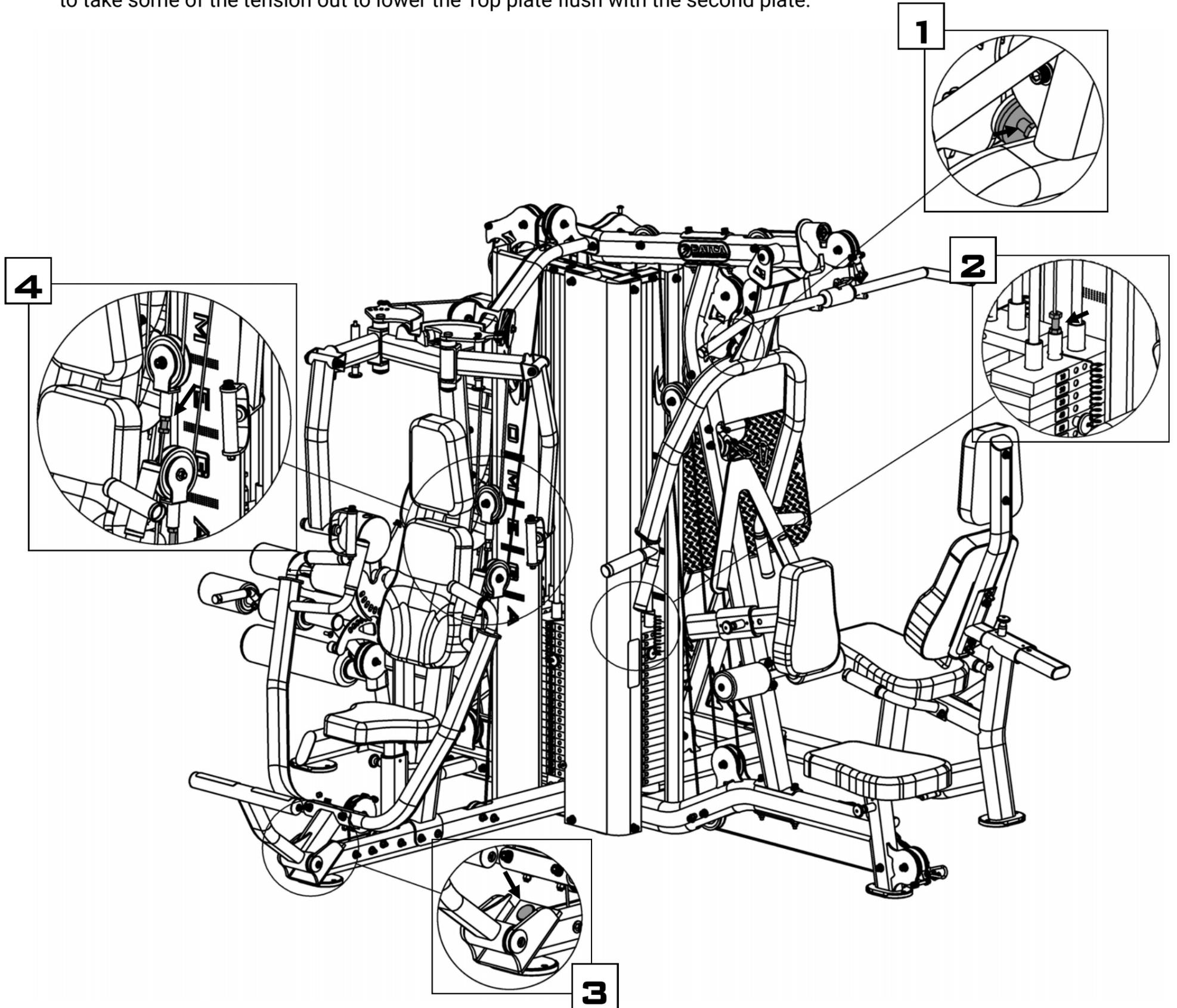
- Clean guide rods with a lint-free cloth and apply a thin layer of silicone lubricant (Part # BFH-50262) to each guide rod. This will ensure a glass smooth performance from your weight stack.

Cable Adjustments

- **Adjust** cables to proper tension from any of the locations shown below.

! **Note:** All cables with threaded adjustable ends must have at least 1/2" of the threads threaded in to its counterpart. It is very important that the 1/2" Jam Nut be wrench tightened to the counterpart to ensure that the threaded adjustable end of the cable does not back out of its counterpart.

- **Note:** If the top plate raises off of the second plate in the weight stack, then the cable tension is too tight. You will need to take some of the tension out to lower the Top plate flush with the second plate.

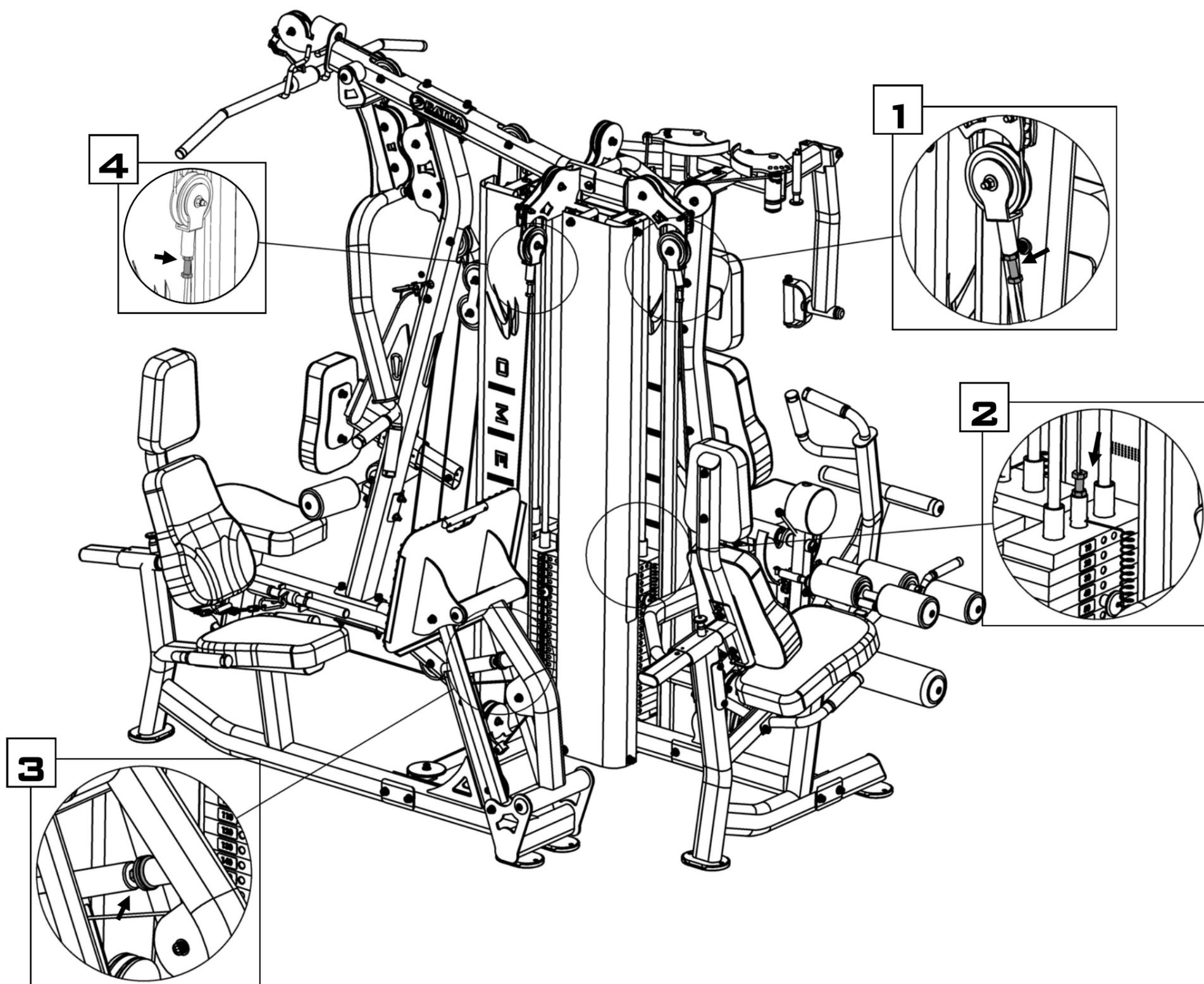


Cable Adjustments

- **Adjust** cables to proper tension from any of the locations shown below.

! **Note:** All cables with threaded adjustable ends must have at least 1/2" of the threads threaded in to its counterpart. It is very important that the 1/2" Jam Nut be wrench tightened to the counterpart to ensure that the threaded adjustable end of the cable does not back out of its counterpart.

- **Note:** If the top plate raises off of the second plate in the weight stack, then the cable tension is too tight. You will need to take some of the tension out to lower the Top plate flush with the second plate.



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								
Clean										
Upholstery	X			X						
Hand Grips	X			X						
Roller Pads	X			X						
Guide Rods			X			X				
Chrome Slides			X			X				
Frame			X			X				
Inspect										
Overall	X	X								
Safety Decals	X	X								
Cables	X	X								
Cable Tension			X			X				
Pulleys	X	X								
Hardware	X	X								
Stops	X	X								
Upholstery	X	X								
Hand Grips			X			X				
Frame			X			X				
Bushings	X			X						
Bearings	X			X						
Lubricate										
Guide Rods			X			X				
Bearings							As Needed			1
Replace										
Cables									1	3

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.

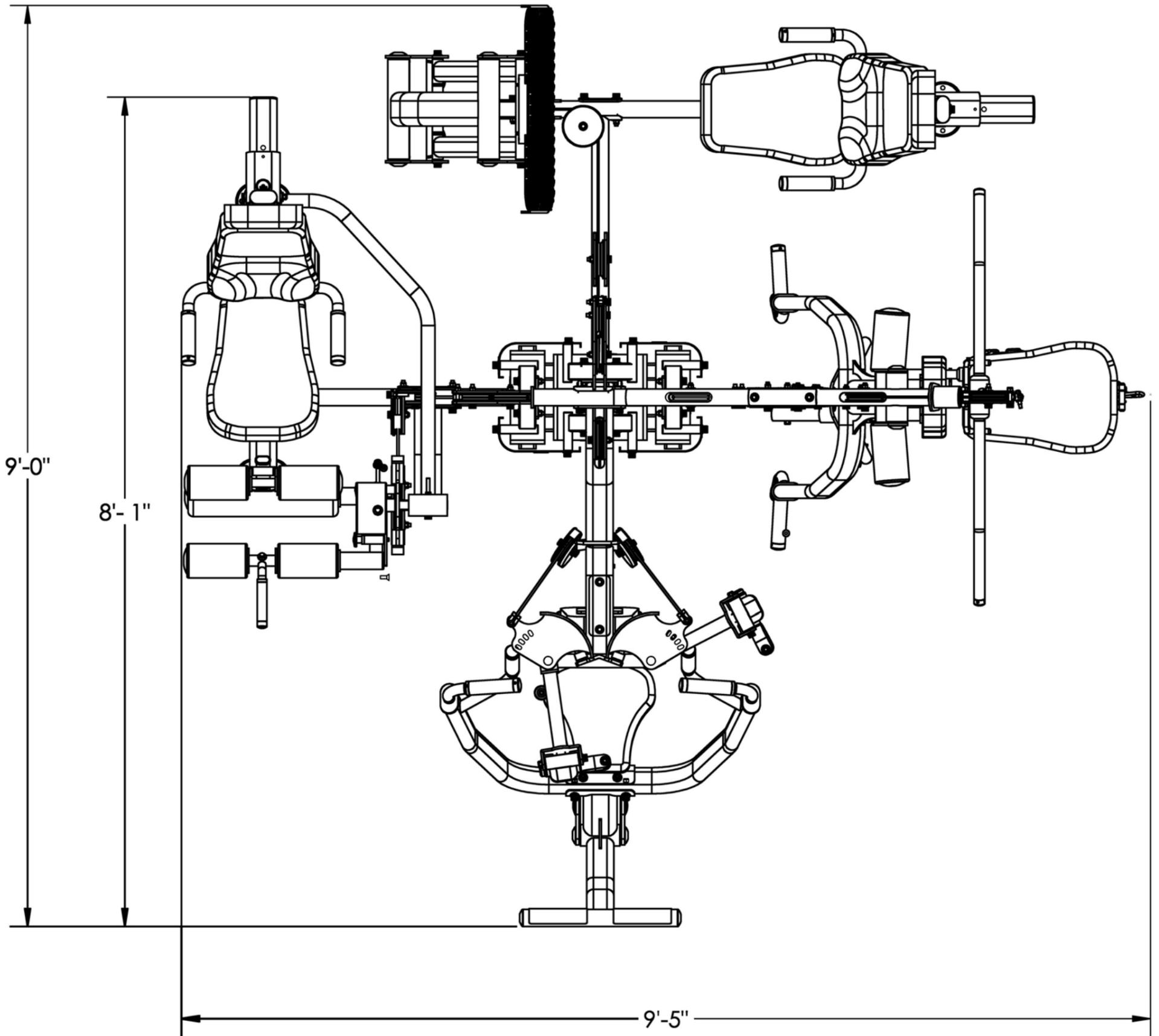
Batca Fitness Systems
1207 N. New Hope Road
Raleigh, NC 27610
(919) 255-1233

www.batcafitness.com

Please keep this for your records.



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



Layout Diagram

The Omega 4 without Leg Press has a layout dimension of 8'-1" (Length) x 9'-5" (Width) x 7'-1" (Height). The Omega 4 with Leg Press has a layout dimension of 9'-0" (Length) x 9'-5" (Width) x 7'-1" (Height). There should be minimum of 18", preferably 24", or working space around the entire unit.