

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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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

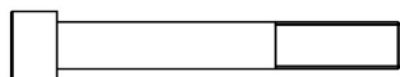
Hardware Blister Pack

Omega 4 (6-1)

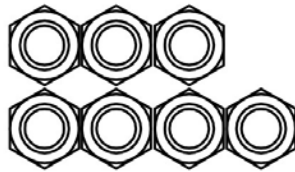
STEP 1:



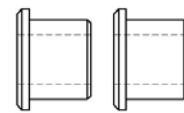
SHCS 3/8"X3" ,6PCS



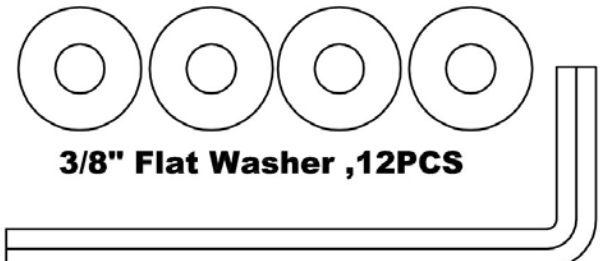
SHCS 3/8"X2 3/4" ,1PCS



3/8" Nylock ,7PCS



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

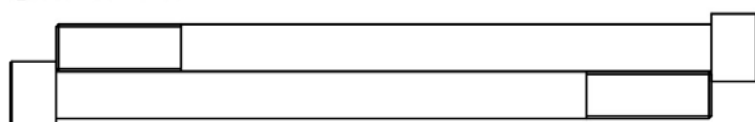


3/8" Flat Washer ,12PCS

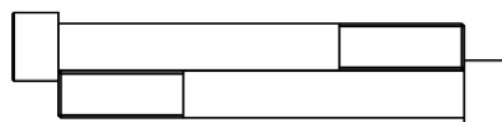


Allen Wrench M8

STEP 2:



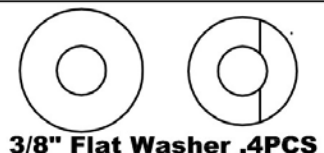
SHCS 3/8"X5 1/4" ,2PCS



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

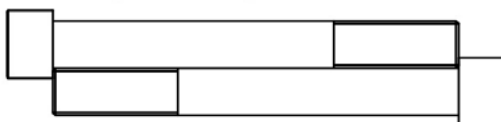


3/8" Nylock ,4PCS



3/8" Flat Washer ,4PCS
3/8" Curved Washer,4PCS
φ22xφ10x2.0t

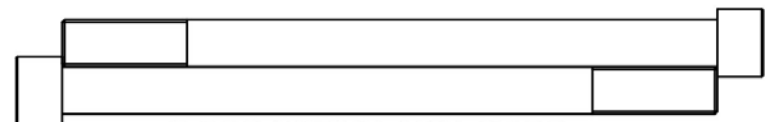
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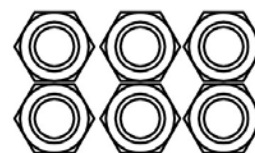
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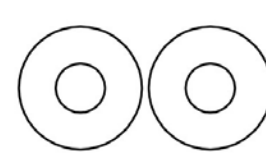
SHCS 3/8"X2 3/4" ,2PCS



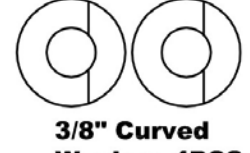
SHCS 3/8"X5 1/4" ,2PCS



3/8" Nylock ,6PCS

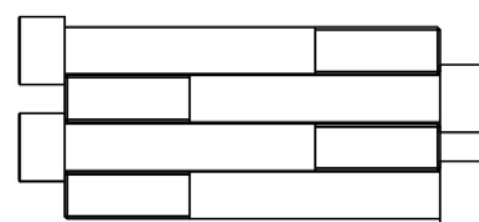


3/8" Washer ,8PCS

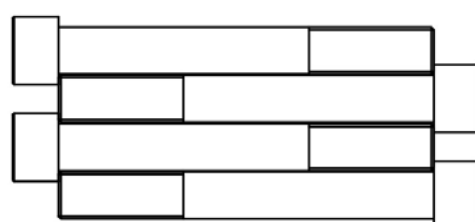


3/8" Curved
Washer ,4PCS
φ22xφ10x2.0t

STEP 4:



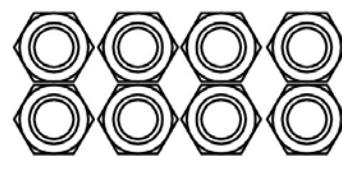
SHCS 3/8"X3" ,8PCS



SHCS 3/8"X3" ,8PCS

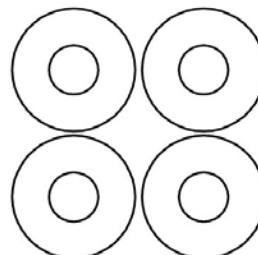


3/8" Flat Washer ,16PCS

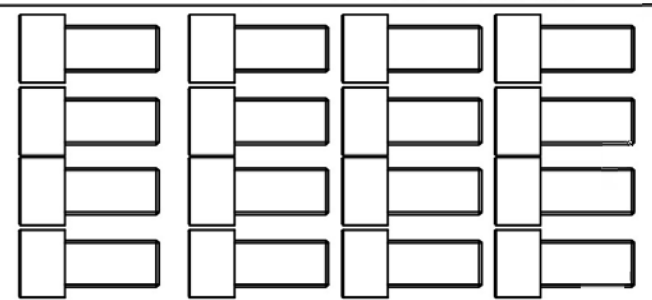


3/8" Nylock ,8PCS

STEP 7:



3/8" Flat Washer
,16PCS

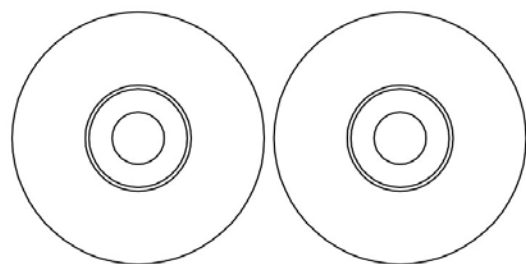


SHCS 3/8"X3/4" ,16PCS

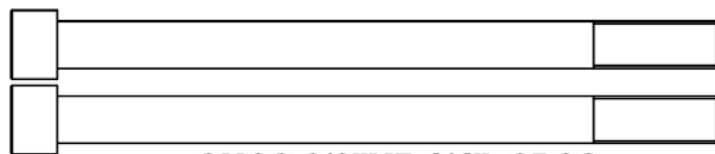
Hardware Blister Pack

Omega 4 (6-2)

STEP 8:



BFP-51696 ,2PCS



SHCS 3/8\"X5 1/4\" ,2PCS



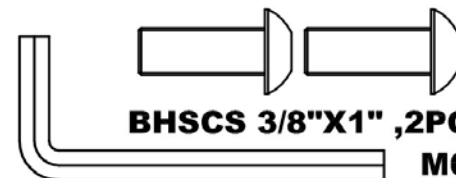
BFP-51776 Axle ,1PCS



**3/8\" ,2PCS
Nylock**



**3/8\" Curved Washer
φ22xφ10x2.0t ,4PCS**

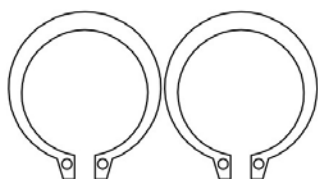


**BHSCS 3/8\"X1\" ,2PCS
M6**

STEP 9:

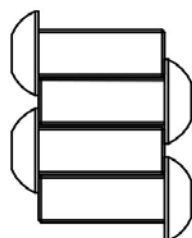


**SHCS ,1PCS
5/16\"X1/2\"**

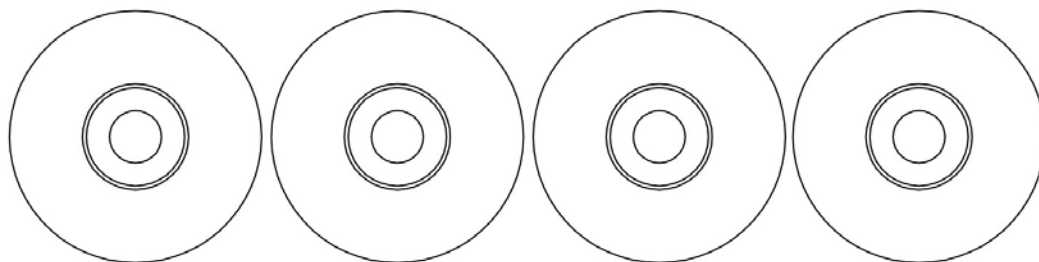


**1\" Snap Ring
BFH-50165,2PCS**

STEP 10:



**BHSCS ,4PCS
3/8\"X1\"**

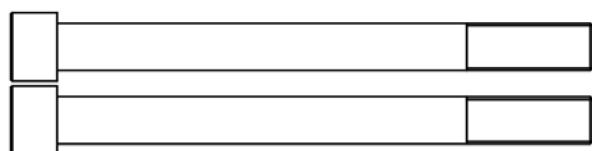


BFP-51696 ,4PCS

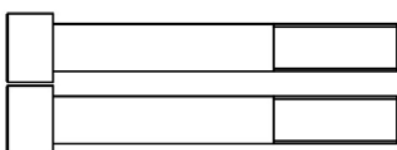
BFP-51699 ,1PCS



STEP 11:



SHCS 3/8\"X4 1/4\" ,2PCS



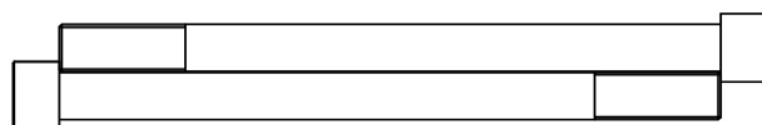
SHCS 3/8\"X2 3/4\" ,2PCS



**3/8\" Curved Washer
φ25xφ10x2.0t ,4PCS**



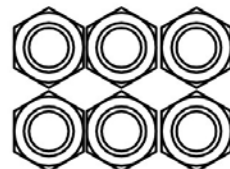
BFP-51736 ,2PCS



SHCS 3/8\"X5 1/4\" ,2PCS



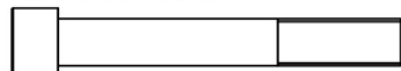
3/8\" Washer ,8PCS



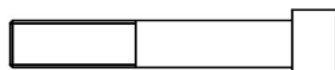
3/8\" Nylock ,6PCS

Omega 4 (6-3)

STEP 12:



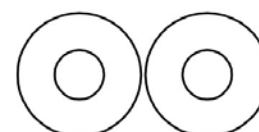
SHCS 3/8\"X2 3/4\" ,1PCS



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

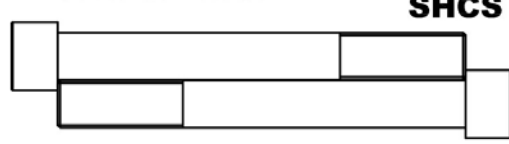


3/8\" Nylock ,2PCS

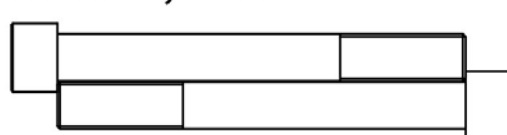


3/8\" Flat Washer ,2PCS

STEP 13:



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

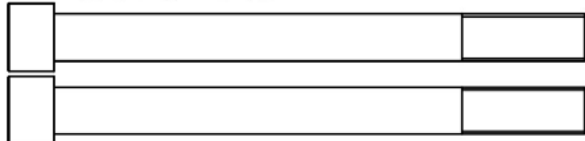


3/8\" Nylock ,4PCS

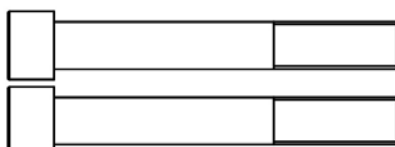


3/8\" Flat Washer ,8PCS

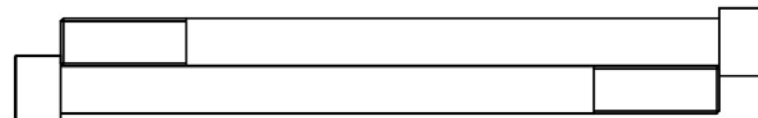
STEP 14:



SHCS 3/8\"X4 1/4\" ,2PCS



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



SHCS 3/8\"X5 1/4\" ,2PCS



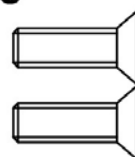
**3/8\" Curved Washer
φ25xφ10x2.0t ,8PCS**



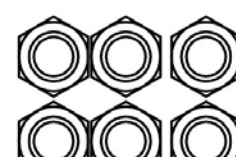
**1\" Snap Ring
BFH-50165,1PCS**



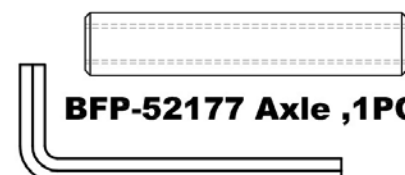
3/8\" Washer ,4PCS



**FHSCS ,2PCS
5/16\"X1\"**



3/8\" Nylock ,6PCS



BFP-52177 Axle ,1PCS

Allen Wrench M5

STEP 15:

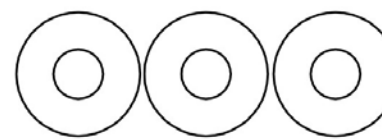
SHCS 3/8\"X6\" ,1PCS



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



**Red Pivot Point Cap
BFP-51885,1PCS**



3/8\" Washer ,5PCS



BHSCS 3/8\"X1\" ,1PCS



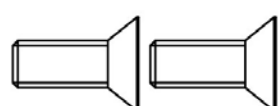
**3/8\" ,2PCS
Nylock**



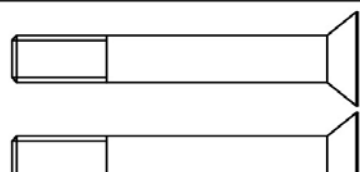
SHCS 5/16\"X1/2\" ,2PCS



STEP 16:



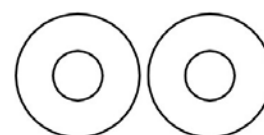
FHSCS 3/8\"X1\" ,2PCS



FHSCS 3/8\"X2 3/4\" ,2PCS



**BFP-51909
Axle ,1PCS**



3/8\" Washer ,2PCS

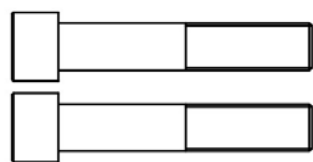
3/8\" Nylock ,2PCS



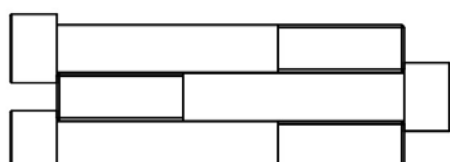
Hardware Blister Pack

Omega 4 (6-4)

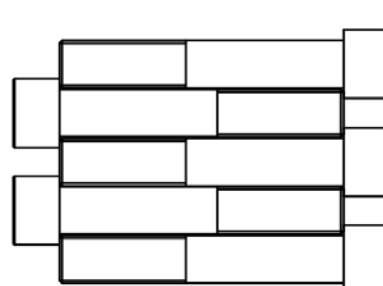
STEP 17:



SHCS 3/8"X2" ,2PCS



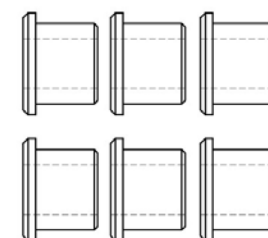
SHCS 3/8"X2 3/4" ,3PCS



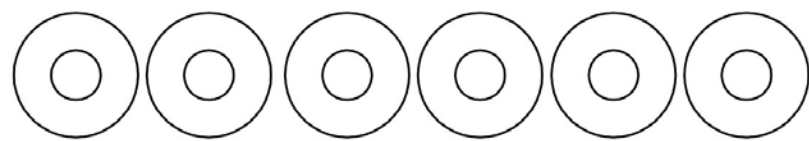
SHCS 3/8"X2 1/4" ,5PCS



3/8" Nylock ,10PCS

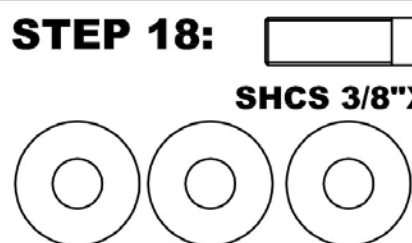


1/2" Pulley Spacer
BFP-51746 ,6PCS

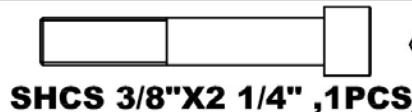


3/8" Flat Washer ,12PCS

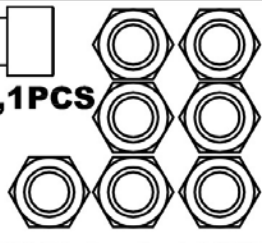
STEP 18:



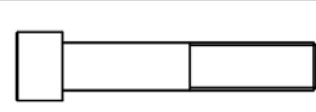
3/8" Flat Washer ,10PCS



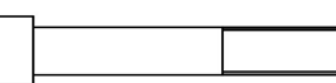
SHCS 3/8"X2 1/4" ,1PCS



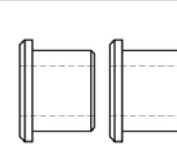
3/8" Nylock ,7PCS



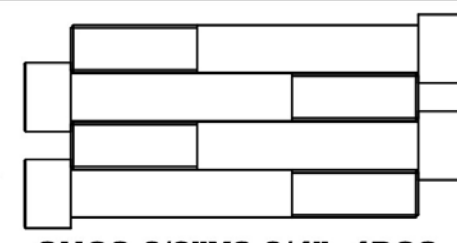
SHCS 3/8"X2" ,1PCS



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



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

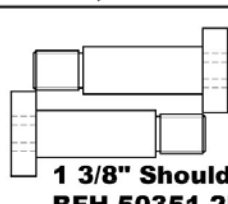


SHCS 3/8"X2 3/4" ,4PCS

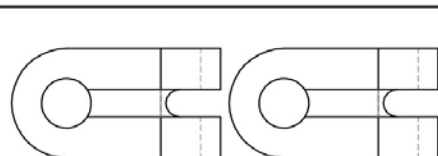
STEP 19:



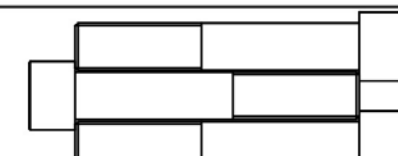
5/16" ,2PCS
Nylock



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



BFH-50227 ,2PCS



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

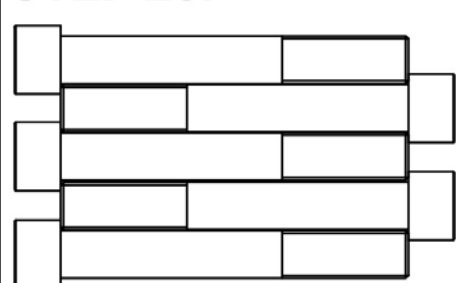


3/8" Washer ,6PCS



3/8" ,3PCS
Nylock

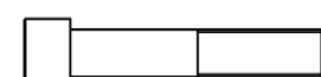
STEP 20:



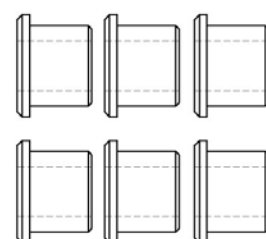
SHCS 3/8"X2 3/4" ,5PCS



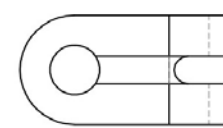
SHCS 3/8"X2 1/4" ,3PCS



SHCS 3/8"X2" ,1PCS

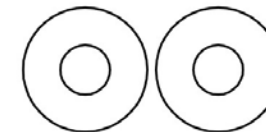


1/2" Pulley Spacer
BFP-51746 ,6PCS

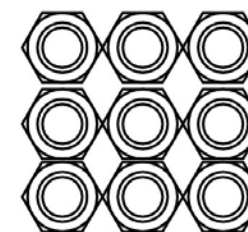


BFH-50227 ,1PCS

3/8" Washer ,10PCS

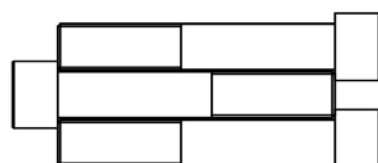


3/8" Nylock ,9PCS



Omega 4 (6-5)

STEP 21:



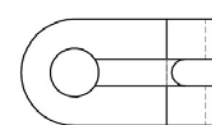
SHCS 3/8"X2 1/4" ,3PCS



3/8" Nylock ,3PCS



3/8" Washer ,6PCS



BFH-50227 ,1PCS

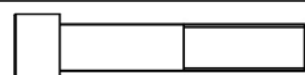
STEP 22:



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



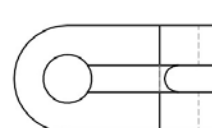
FHSCS 3/8"X2" ,2PCS



SHCS 3/8"X2" ,1PCS

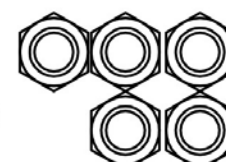
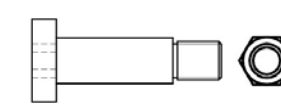


3/8" Washer ,6PCS



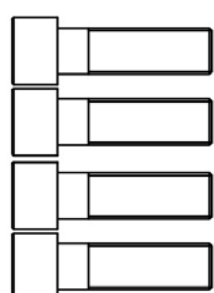
BFH-50227 ,1PCS

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



3/8" Nylock ,5PCS

STEP 23:



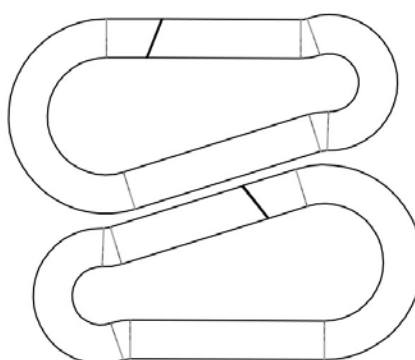
SHCS 3/8"X1 1/4" ,4PCS



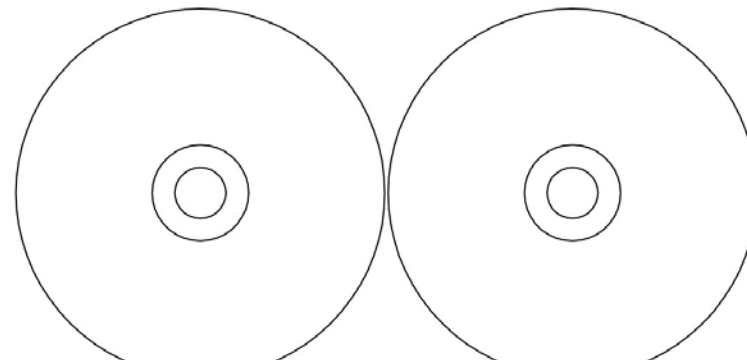
BHSCS 3/8"X3/4" ,2PCS



3/8" Flat Washer ,4PCS



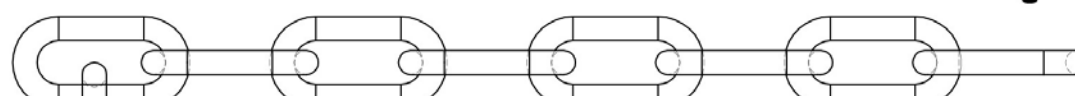
BFH-50188
Snap Hook ,2PCS



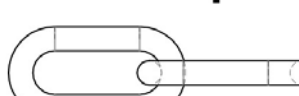
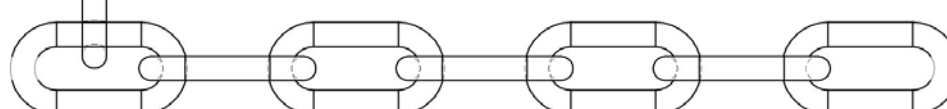
BFH-50622 ,2PCS
Large Aluminum End Cap



3/8" Lock Washer ,4PCS



16 Link Chain ,1PCS

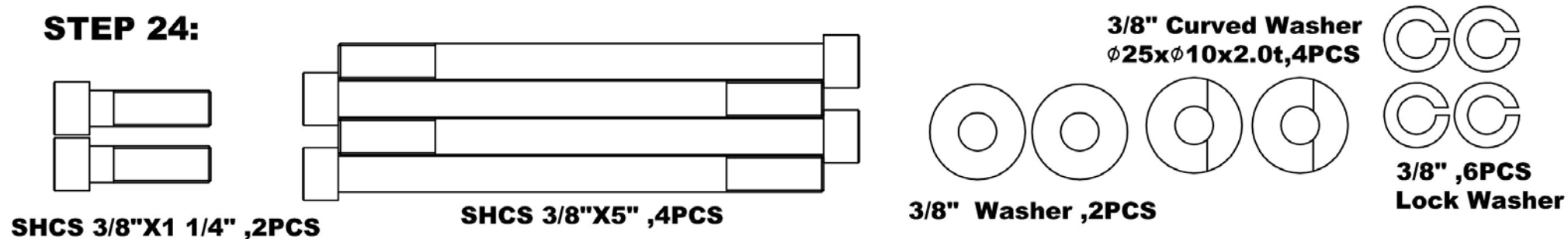


2xBFC-50128
2 Link Chain ,1PCS

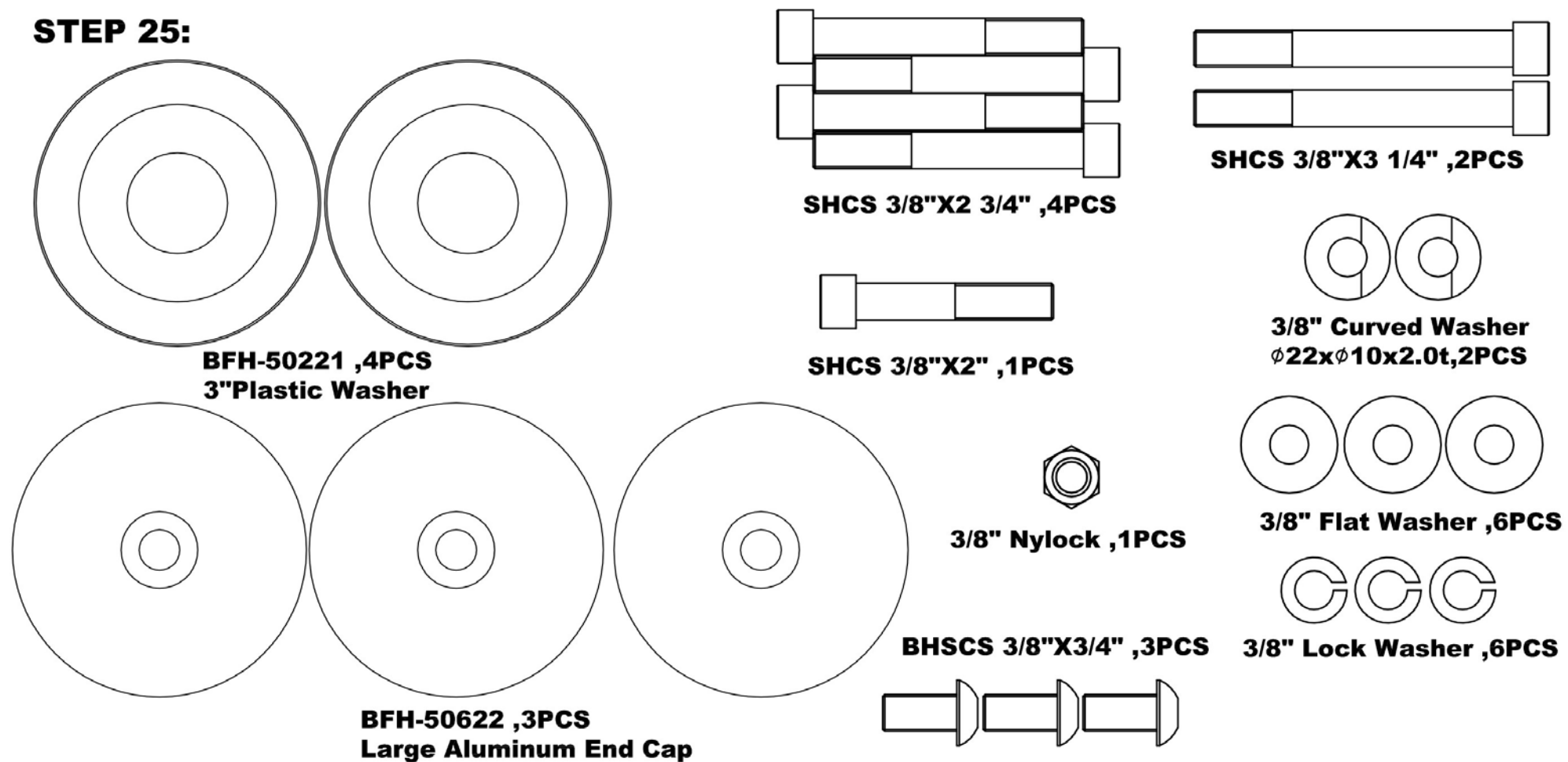
Hardware Blister Pack

Omega 4 (6-6)

STEP 24:



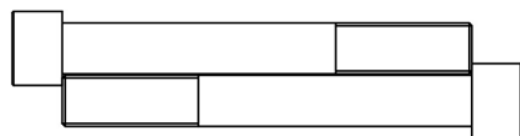
STEP 25:



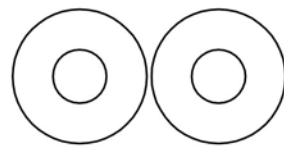
Omega 4 Leg Press Hardware Blister Pack

Omega 4 Leg Press (2-1)

STEP 5:



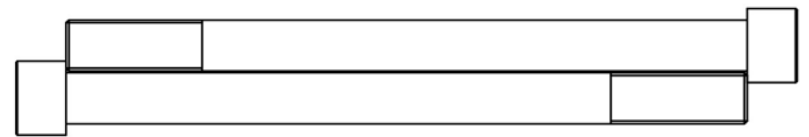
SHCS 3/8"X3" ,2PCS



3/8" Flat Washer ,4PCS

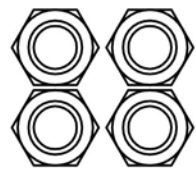


3/8" Nylock ,2PCS

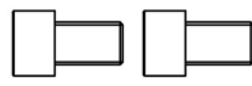


SHCS 3/8"X5" ,2PCS

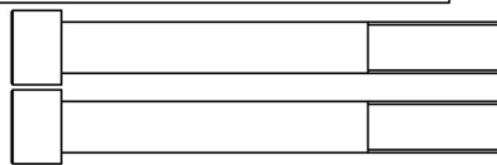
STEP 26:



3/8" Nylock ,4PCS

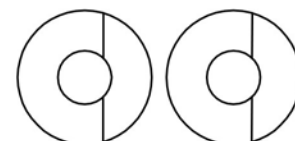
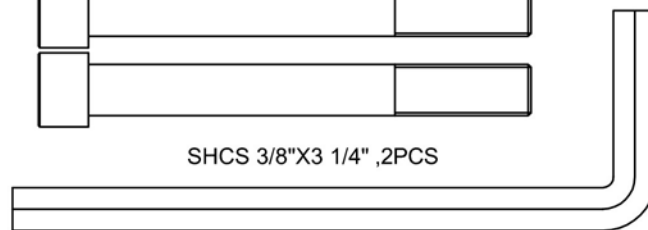


SHCS 5/16"X1/2" ,2PCS

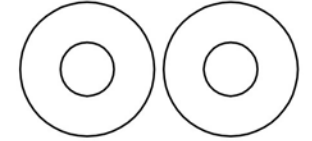


SHCS 3/8"X3 1/4" ,2PCS

Allen Wrench M8

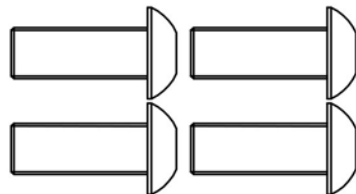


3/8" Curved Washer ,4PCS

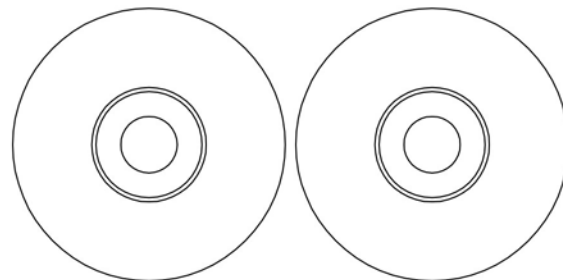


3/8" Flat Washer ,4PCS

STEP 27:



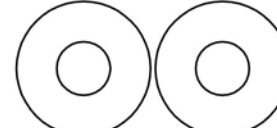
BHSCS 3/8"X1" ,4PCS



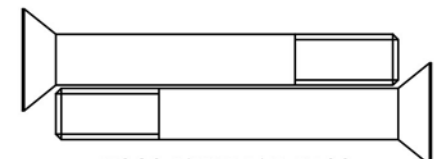
BFP-51696 ,2PCS



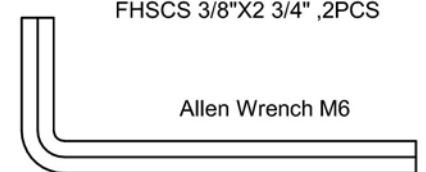
3/8" Nylock ,2PCS



3/8" Flat Washer ,4PCS

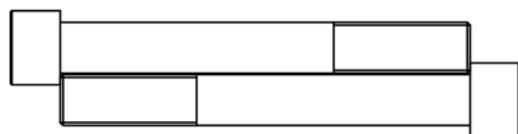


FHSCS 3/8"X2 3/4" ,2PCS

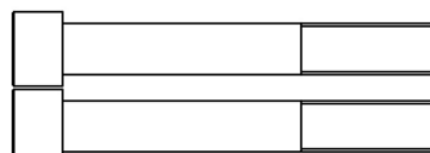


Allen Wrench M6

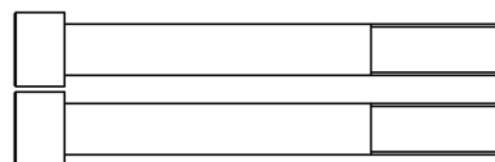
STEP 28:



SHCS 3/8"X3" ,2PCS



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

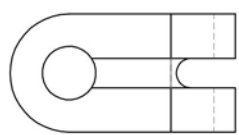


SHCS 3/8"X3 1/4" ,2PCS

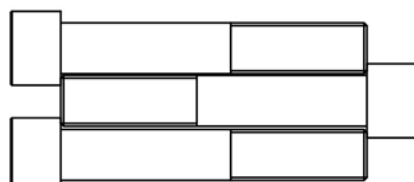


3/8" Lock Washer ,6PCS

STEP 29:



BFH-50227 ,1PCS



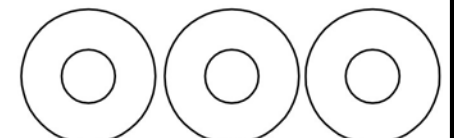
SHCS 3/8"X2 1/4" ,3PCS



3/8" Flat Washer ,6PCS



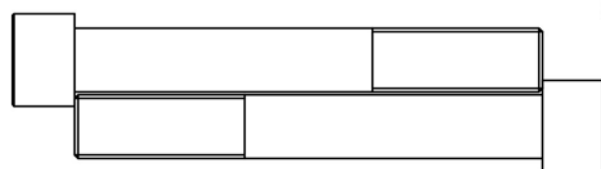
3/8" Nylock 3PCS



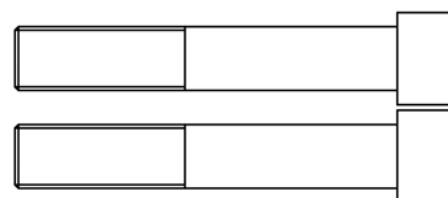
3/8" Flat Washer ,6PCS

Omega 4 Leg Press (2-2)

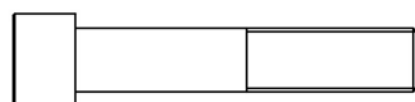
STEP 30:



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



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



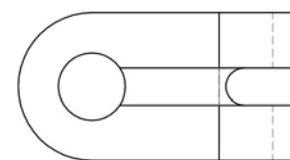
SHCS 3/8"X2" ,1PCS



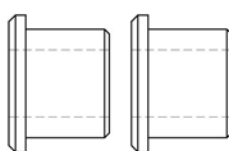
5/16" Nylock ,1PCS



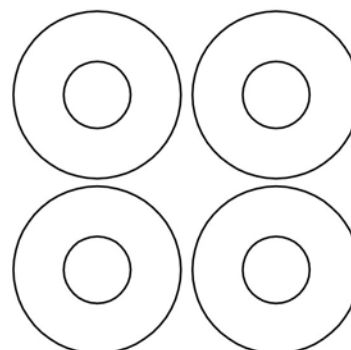
1 3/8" Shoulder Bolt
BFH-50351,1PCS



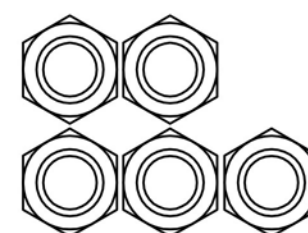
BFH-50227 ,1PCS



1/2" Pulley Spacer
BFP-51746 ,4PCS



3/8" Flat Washer ,6PCS



3/8" Nylock 5PCS



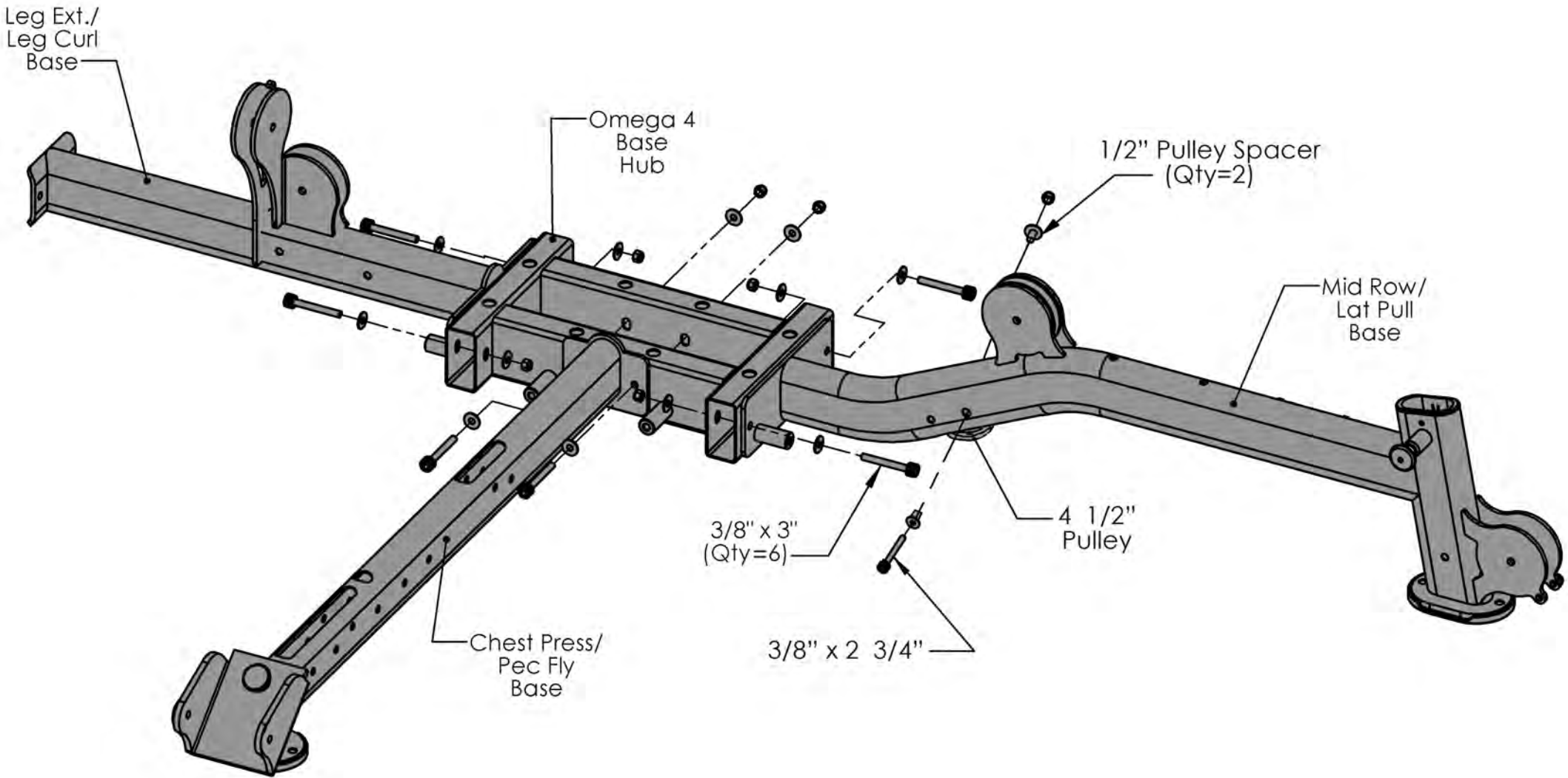
Step 1:

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



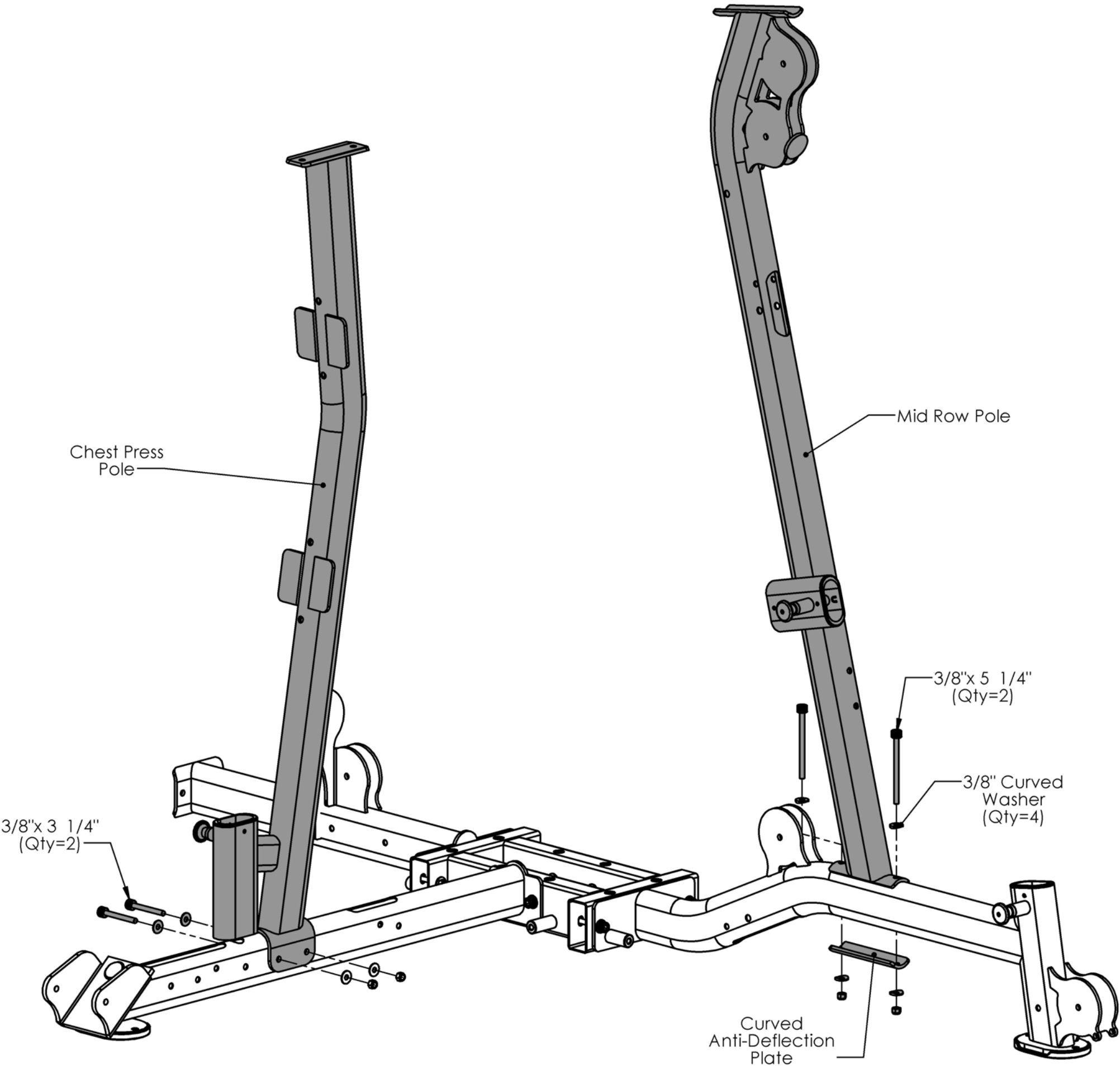


Every place that a pulley is inside a tube there must be a pulley spacer in use instead of a flat washer.

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

Step 2:

 Do Not Tighten Bolts Until Step 4

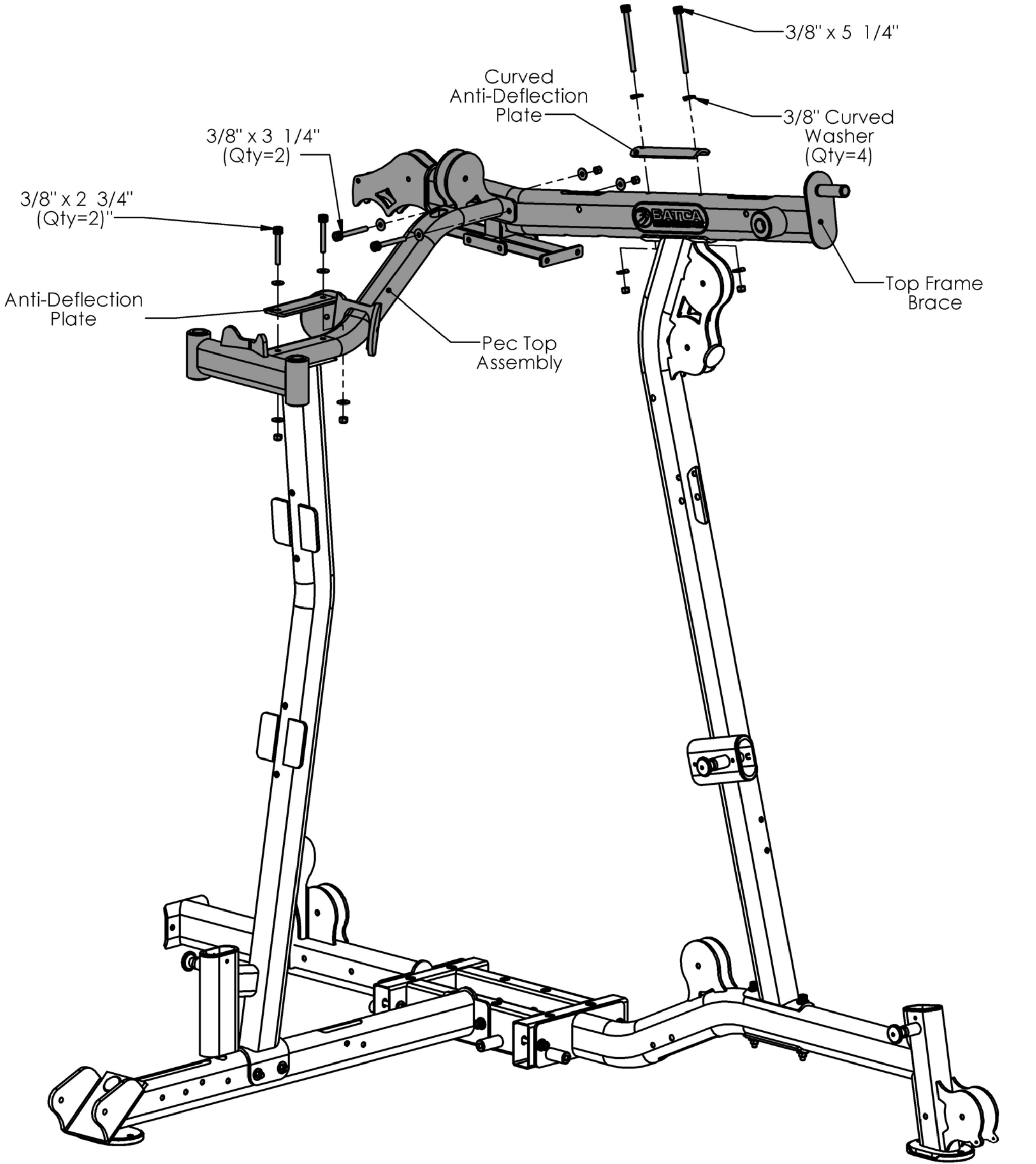


All Flat Washers and Nylocks are 3/8" unless otherwise noted. Anywhere a washer is against the round side of a tube there is to be a **3/8" CURVED WASHER** instead of a **3/8" FLAT WASHER**.

Item #	Part #	Description	Qty
5	BFP-10960	Chest Press Pole	1
6	BFP-10950	Mid Row Pole	1
7	BFP-52114	Curved Anti-Deflection Plate	1
103	BFP-51748	SHCS 3/8" x 3 1/4"	2
106	BFP-51756	SHCS 3/8" x 5 1/4"	2
110	BFH-50204	3/8" Curved Washer	4
111	BFH-50146	3/8" Flat Washer	4
112	BFH-50157	3/8" Nylock	4

Step 3:

 Do Not Tighten Bolts Until Step 4

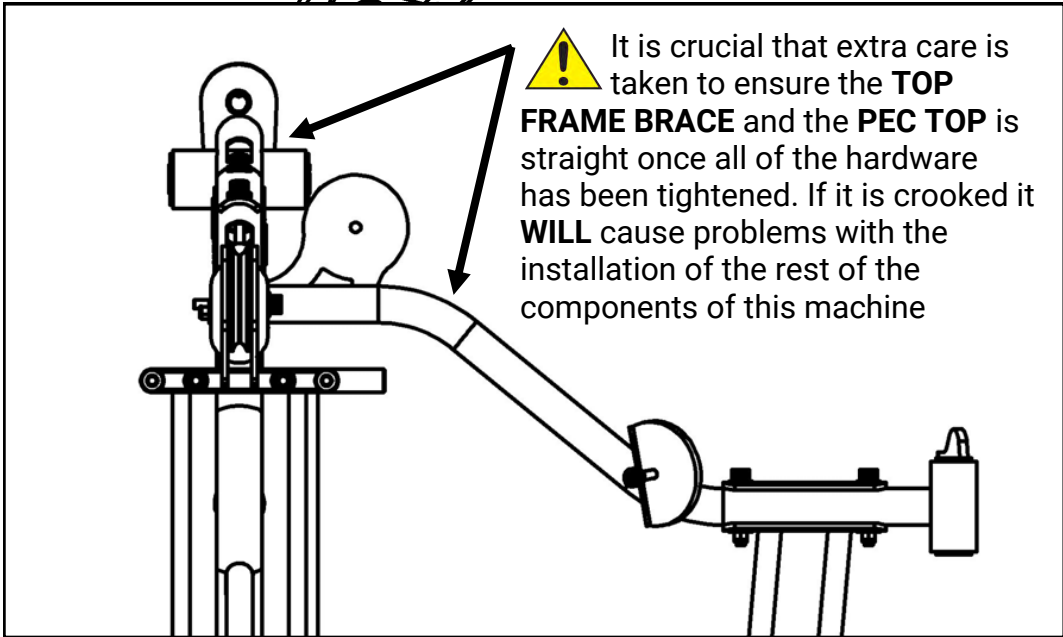
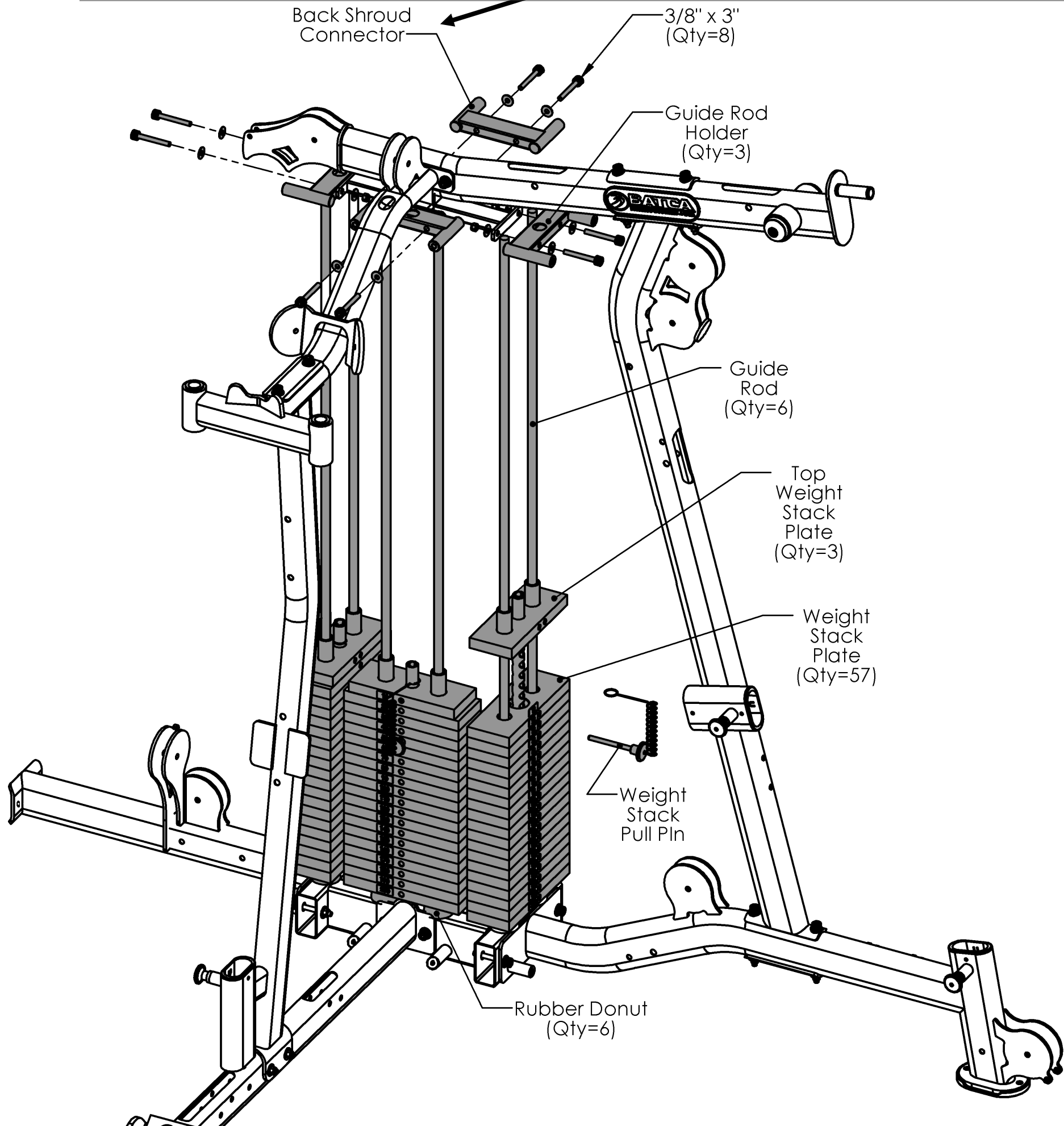


All Flat Washers and Nylocks are 3/8" unless otherwise noted. Anywhere a washer is against the round side of a tube there is to be a **3/8" CURVED WASHER** instead of a **3/8" FLAT WASHER**.

Item #	Part #	Description	Qty
8	BFP-10962	Pec Top Assembly	1
9	BFP-10952	Top Frame Brace	1
10	BFP-51767	Curved Anti-Deflection Plate	1
11	BFP-52143	Anti-Deflection Plate	1
100	BFP-51750	SHCS 3/8" x 2 3/4"	2
103	BFP-51748	SHCS 3/8" x 3 1/4"	2
106	BFP-51756	SHCS 3/8" x 5 1/4"	2
110	BFH-50204	3/8" Curved Washer	4
111	BFH-50146	3/8" Flat Washer	8
112	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.

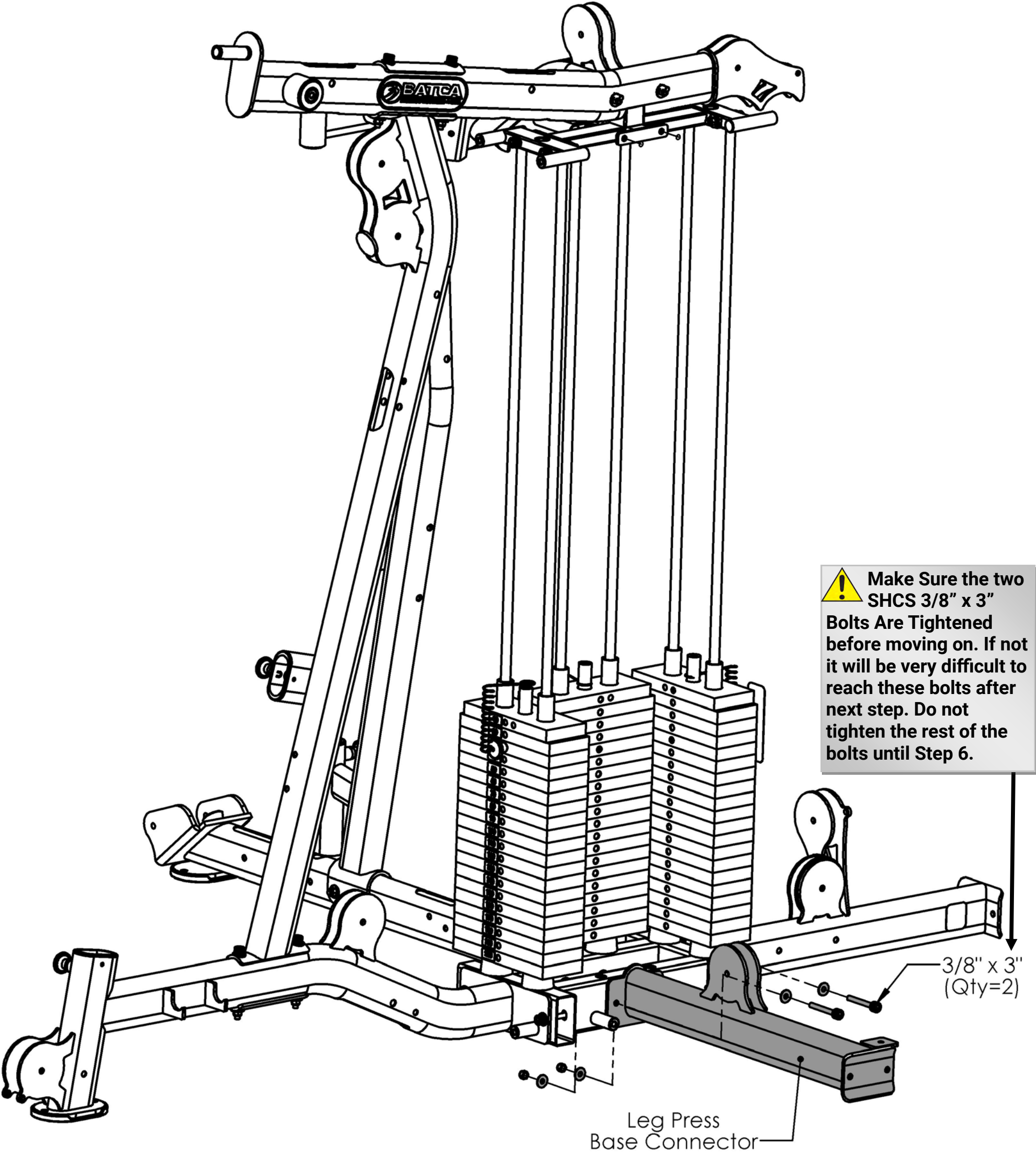


All Flat Washers and Nylocks are 3/8" unless otherwise noted. Anywhere a washer is against the round side of a tube there is to be a **3/8" CURVED WASHER** instead of a **3/8" FLAT WASHER**.

Item #	Part #	Description	Qty
12	BFP-10953	Guide Rod Holder	3
13	BFP-11018	Back Shroud Connector	1
14	BFM-50260	Guide Rod	6
15	BFM-10299	Top Weight Plate	3
16	BFM-50256	Weight Stack Plate	57
70	BFM-51173	Weight Stack Pull Pin	3
17	BFP-52143	Rubber Donut	6
102	BFH-51747	SHCS 3/8" x 3"	8
111	BFH-50146	3/8" Flat Washer	16
112	BFH-50157	3/8" Nylock	8

Step 5:

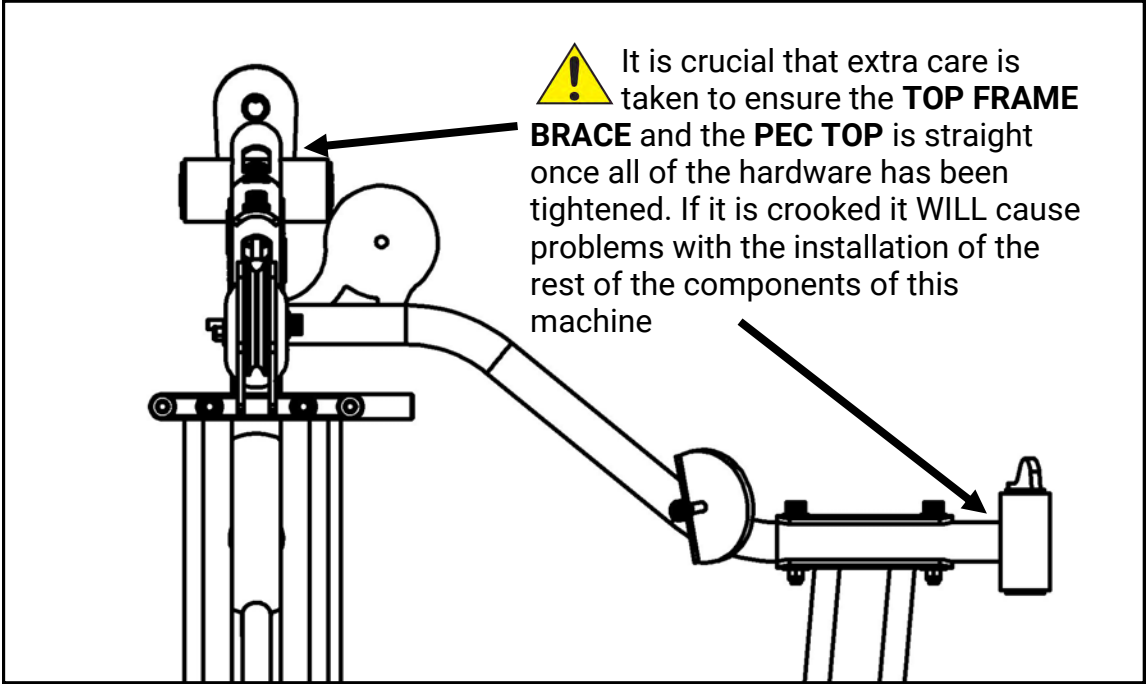
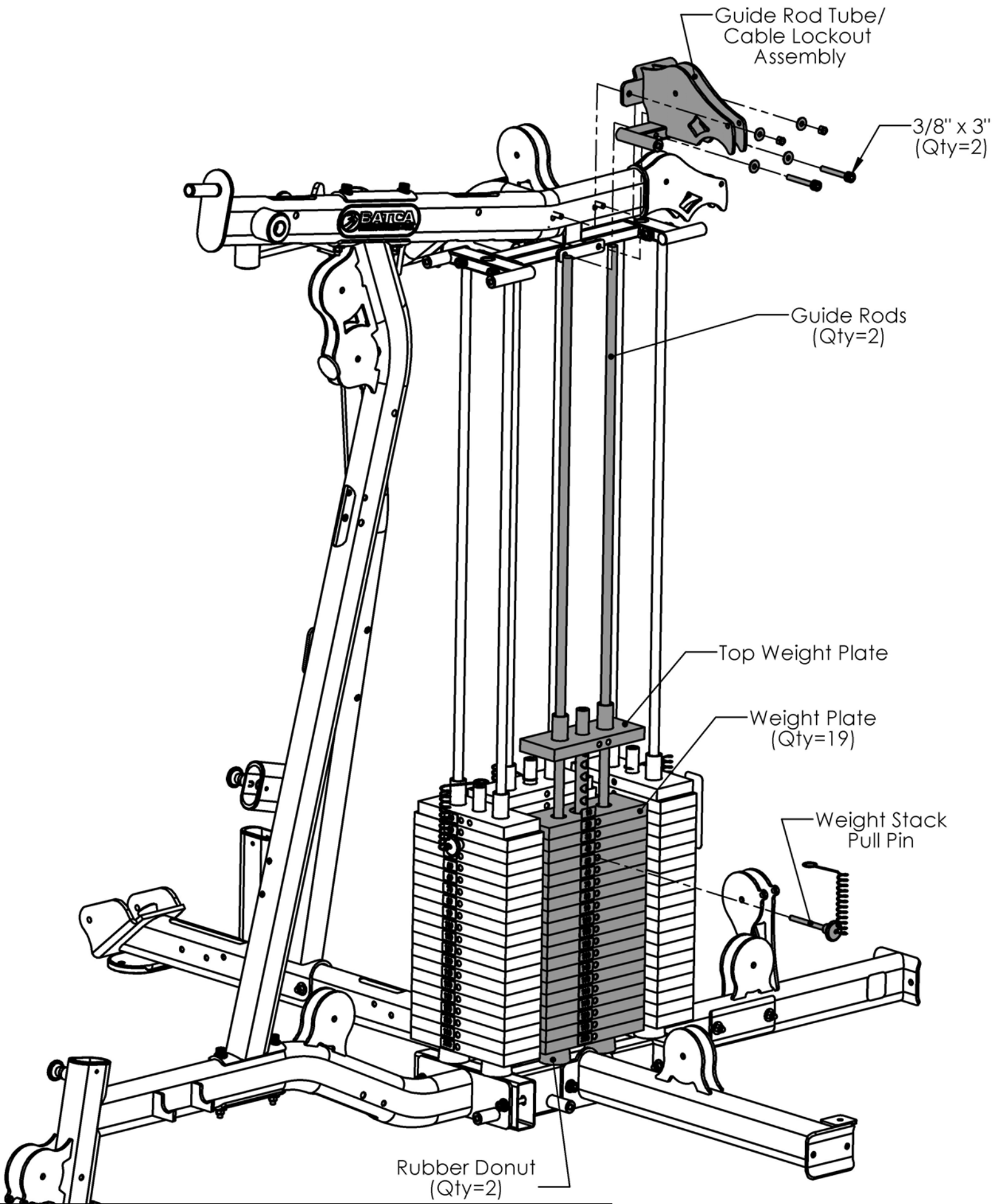
 Skip this step if leg press was not purchased. Go on to Step 7



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

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

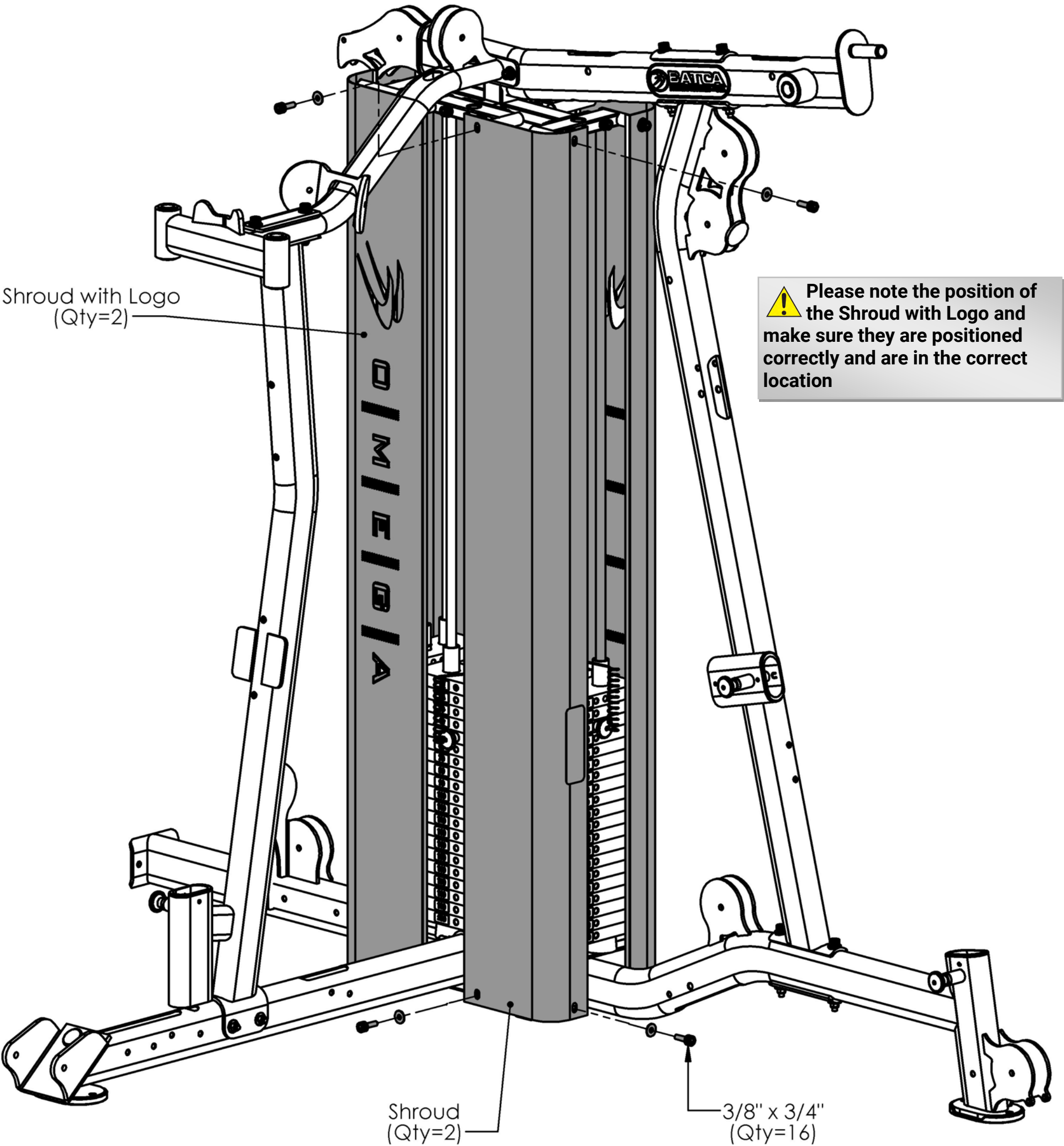
Step 6: Make Sure All Bolts Are Tightened Before Moving On



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

Item #	Part #	Description	Qty
132	BFP-10965	Guide Rod Tube/Cable Lockout Plate	1
128	BFM-50260	Guide Rod	2
129	BFM-10299	Top Weight Plate	1
130	BFM-50256	Weight Stack Plate	19
169	BFM-51173	Weight Stack Pull Pin	1
131	BFP-52143	Rubber Donut	2
159	BFP-51747	SHCS 3/8" x 3"	2
165	BFH-50146	3/8" Flat Washer	4
166	BFH-50157	3/8" Nylock	2

Step 7: Make Sure All Bolts Are Tightened Before Moving On

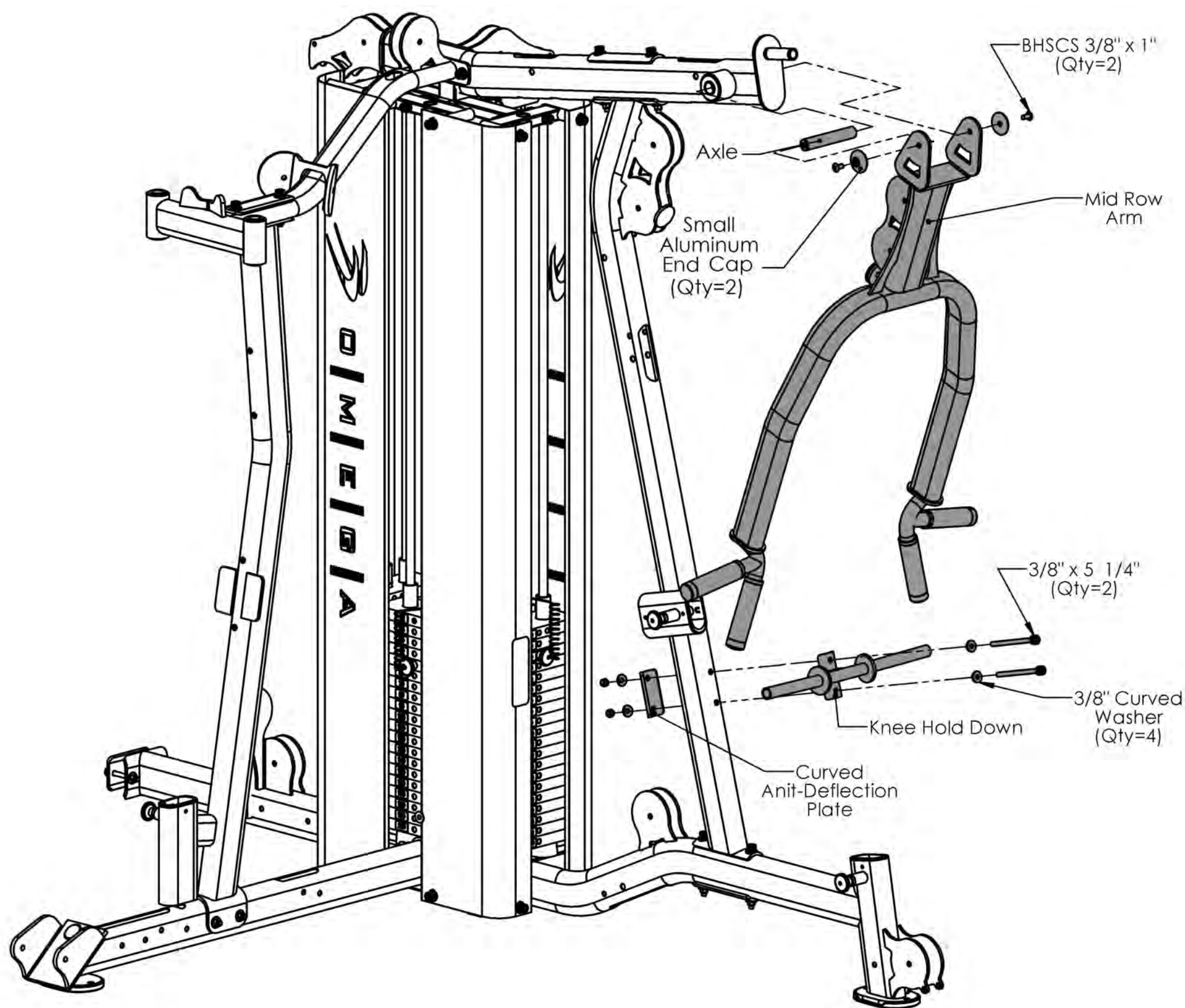


All Flat Washers and Nylocks are 3/8" unless otherwise noted.

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

Step 8:

 Make Sure All Bolts Are Tightened Before Moving On

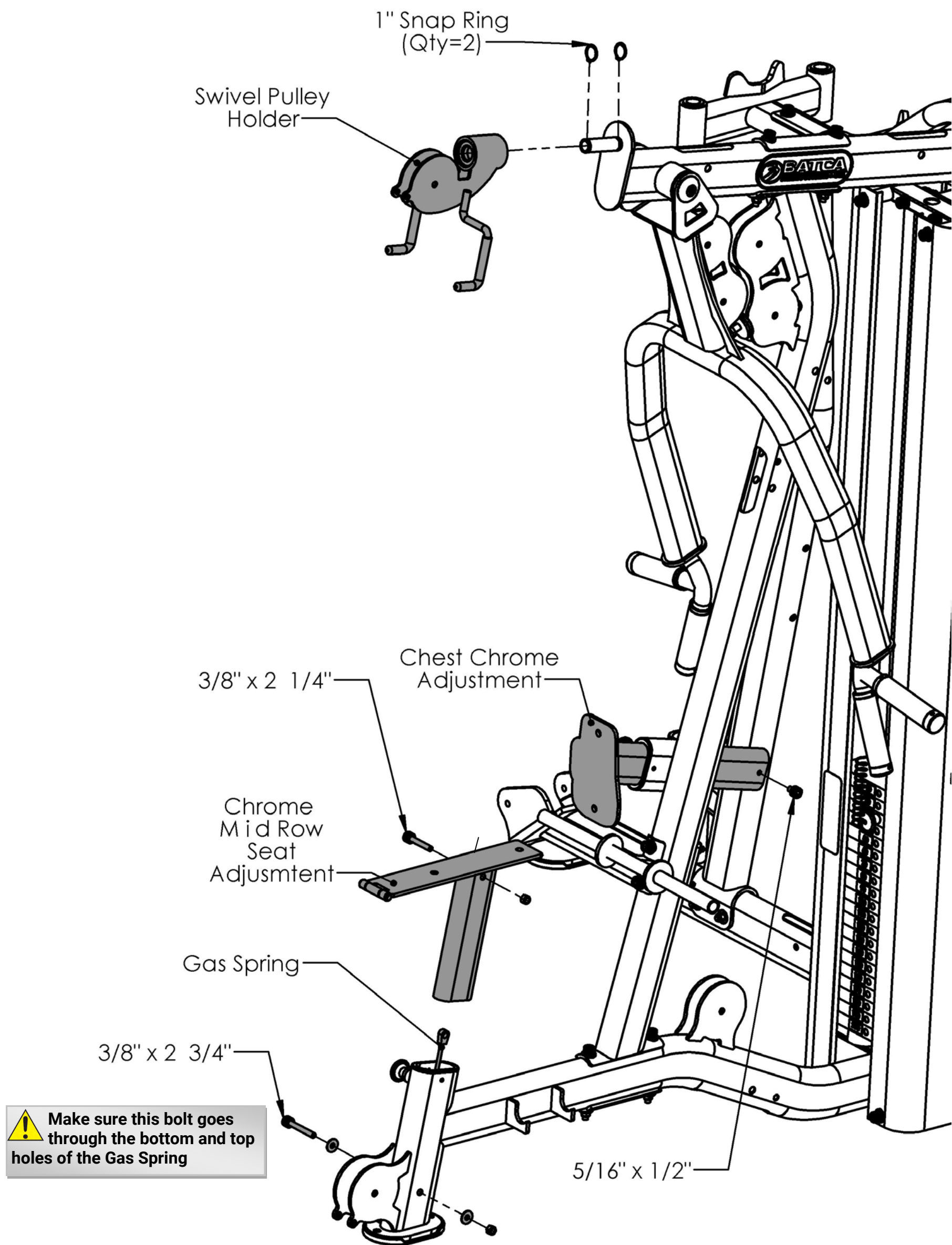


All Flat Washers and Nylocks are 3/8" unless otherwise noted.

Item #	Part #	Description	Qty
26	BFP-10844	Mid Row Arm	1
27	BFP-10846	Knee Hold Down	1
28	BFP-51800	Curved Anti-Deflection Plate	1
29	BFP-51776	Axle	1
79	BFP-51696	Small Aluminum End Cap	2
91	BFP-50620	BHSCS 3/8" x 1"	2
106	BFP-51756	SHCS 3/8" x 5 1/4"	2
110	BFH-50204	3/8" Curved Washer	4
112	BFH-50157	3/8" Nylock	2

Step 9:

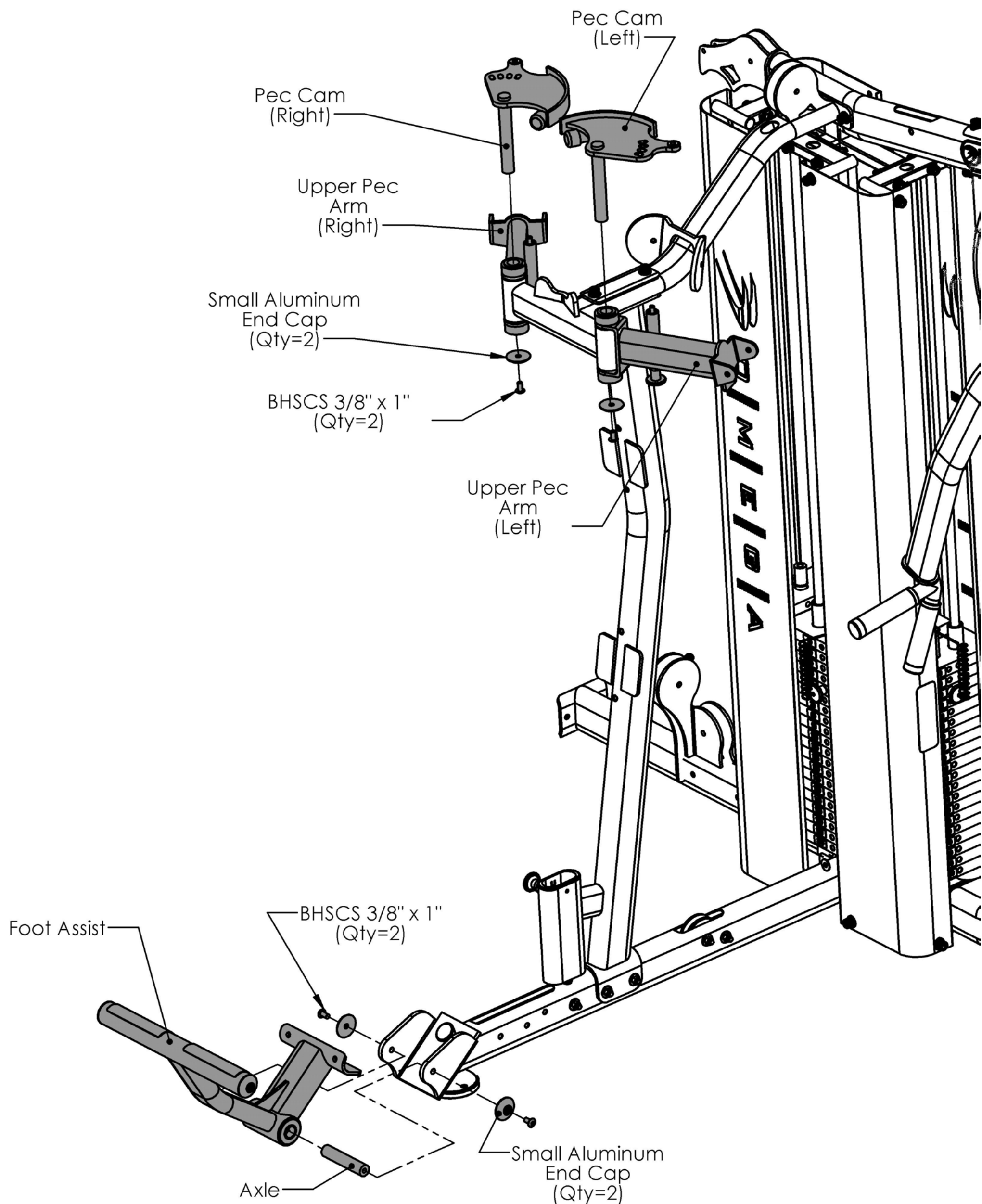
 Make Sure All Bolts Are Tightened Before Moving On



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

Item #	Part #	Description	Qty
30	BFP-10845	Swivel Pulley Holder	1
31	BFP-10955	Chest Chrome Adjustment	1
32	BFP-10967	Chrome Mid Row Seat Adjustment	1
80	BFH-50210	Gas Spring	1
81	BFH-50165	1" Snap Ring	2
88	BFP-52372	SHCS 5/16" x 1/2"	1
98	BFP-51752	SHCS 3/8" x 2 1/4"	1
100	BFP-51750	SHCS 3/8" x 2 3/4"	1
111	BFH-50146	3/8" Flat Washer	2
112	BFH-50157	3/8" Nylock	2

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

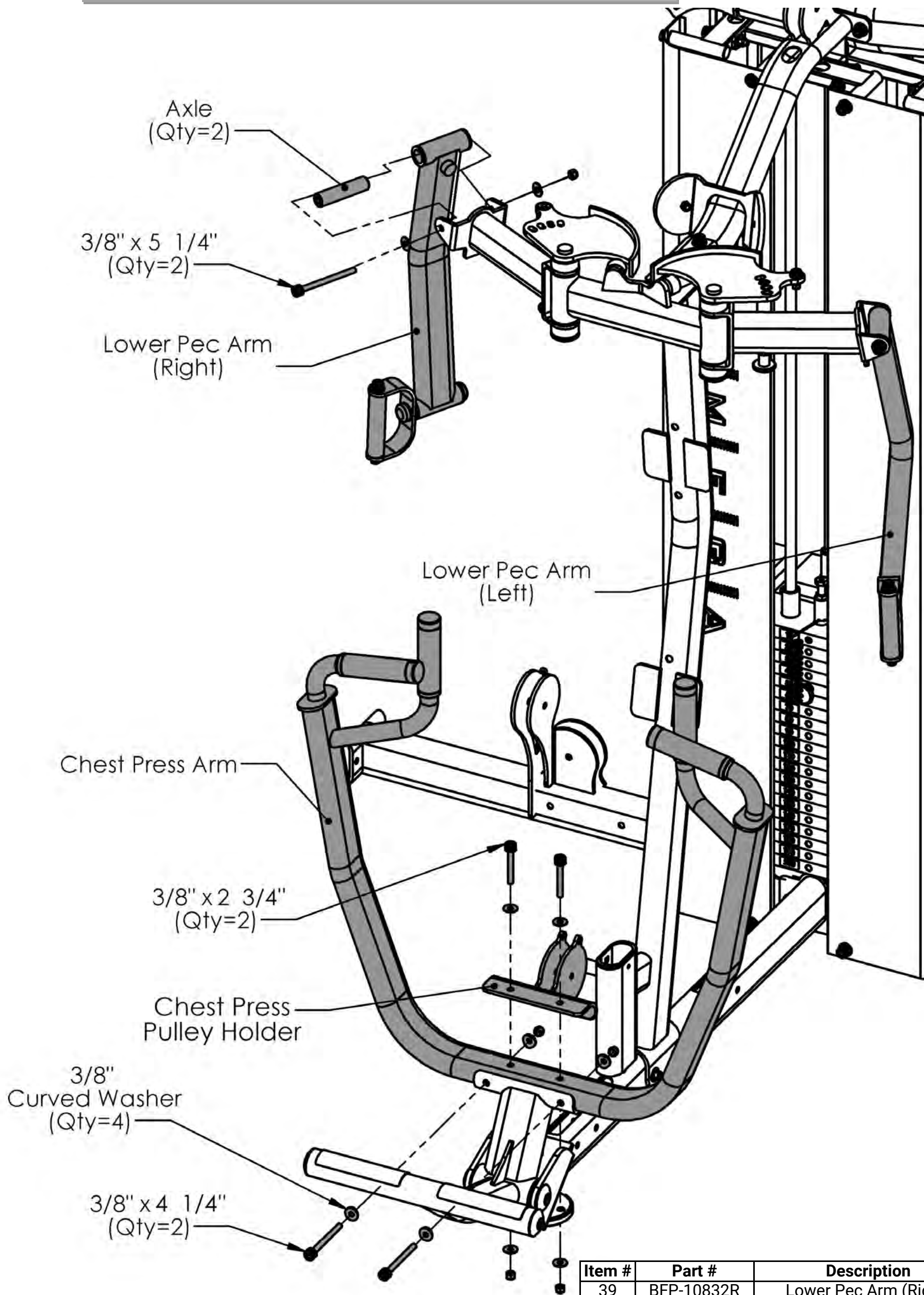


All Flat Washers and Nylocks are 3/8" unless otherwise noted.

Item #	Part #	Description	Qty
33	BFP-10833	Pec Cam (Left)	1
34	BFP-10834	Pec Cam (Right)	1
35	BFP-10831	Upper Pec Arm (Left)	1
36	BFP-10830	Upper Pec Arm (Right)	1
37	BFP-10825rev1	Foot Assist	1
38	BFP-51699	Axle	1
79	BFP-51696	Small Aluminum End Cap	4
91	BFH-50620	BHSCS 3/8" x 1"	4

Step 11:

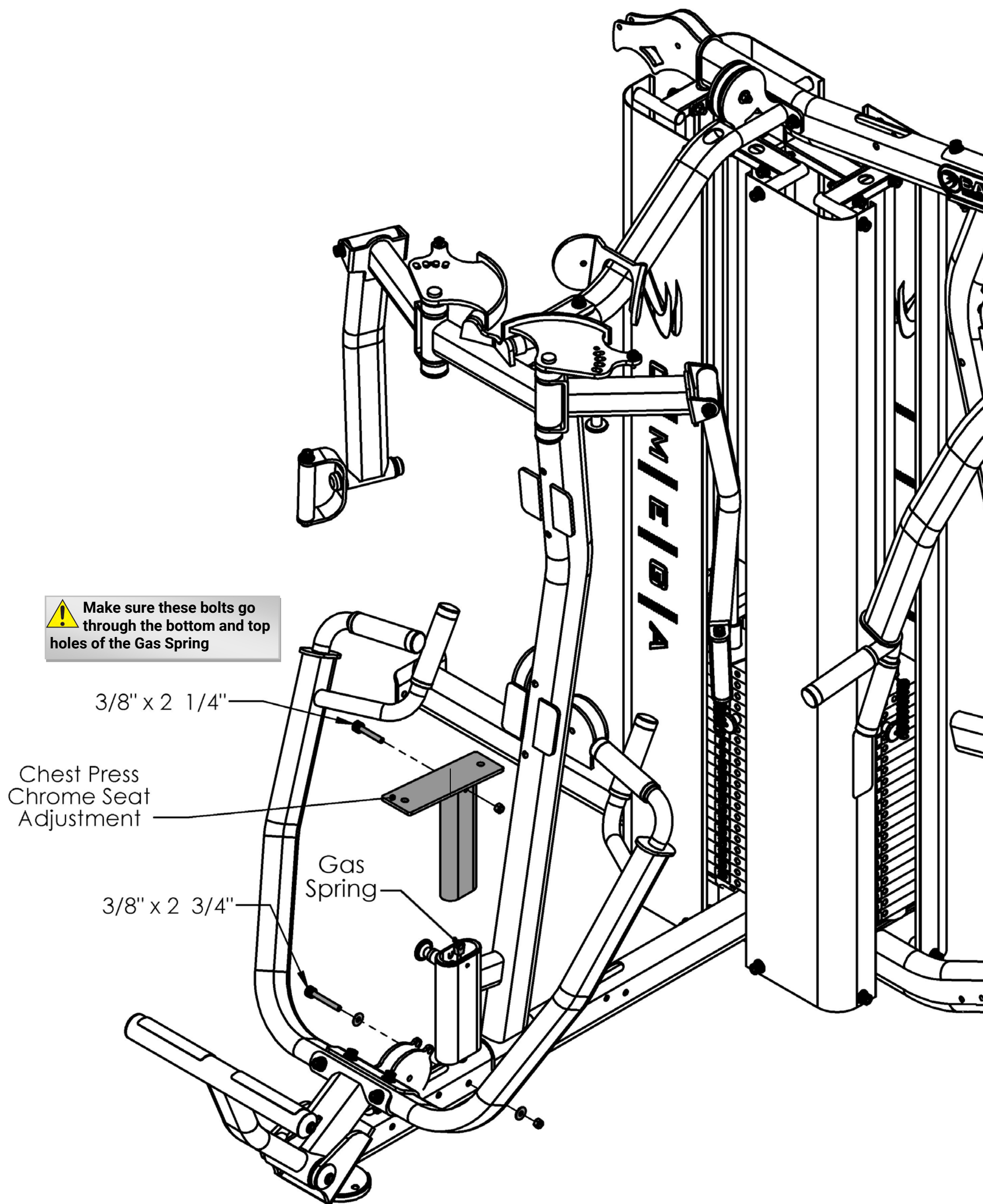
 Make Sure All Bolts Are Tightened Before Moving On



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**.

Item #	Part #	Description	Qty
39	BFP-10832R	Lower Pec Arm (Right)	1
40	BFP-10832L	Lower Pec Arm (Left)	1
41	BFP-10826	Chest Press Arm	1
42	BFP-10837	Chest Press Pulley Holder	1
43	BFP-51736	Axle	2
100	BFH-51750	SHCS 3/8" x 2 3/4"	2
104	BFH-51884	SHCS 3/8" x 4 1/4"	2
106	BFH-51756	SHCS 3/8" x 5 1/4"	2
110	BFH-50204	3/8" Curved Washer	4
111	BFH-50146	3/8" Flat Washer	8
112	BFH-50157	3/8" Nylock	6

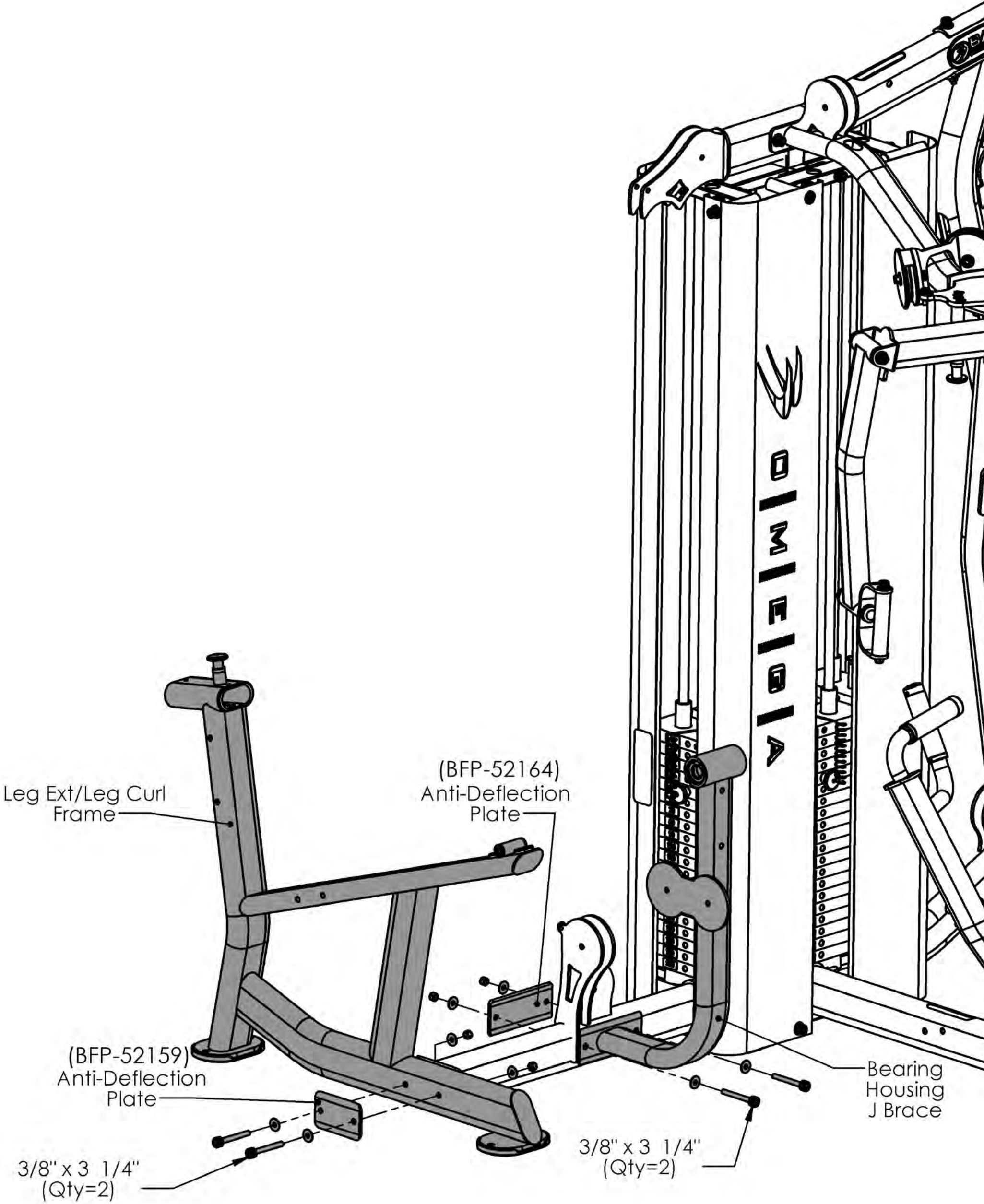
Step 12: Make Sure All Bolts Are Tightened Before Moving On



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

Item #	Part #	Description	Qty
44	BFP-10936	Chest Press Chrome Seat Adjustment	1
80	BFH-50210	Gas Spring	1
98	BFP-51752	SHCS 3/8" x 2 1/4"	1
100	BFP-51750	SHCS 3/8" x 2 3/4"	1
111	BFH-50146	3/8" Flat Washer	2
112	BFH-50157	3/8" Nylock	2

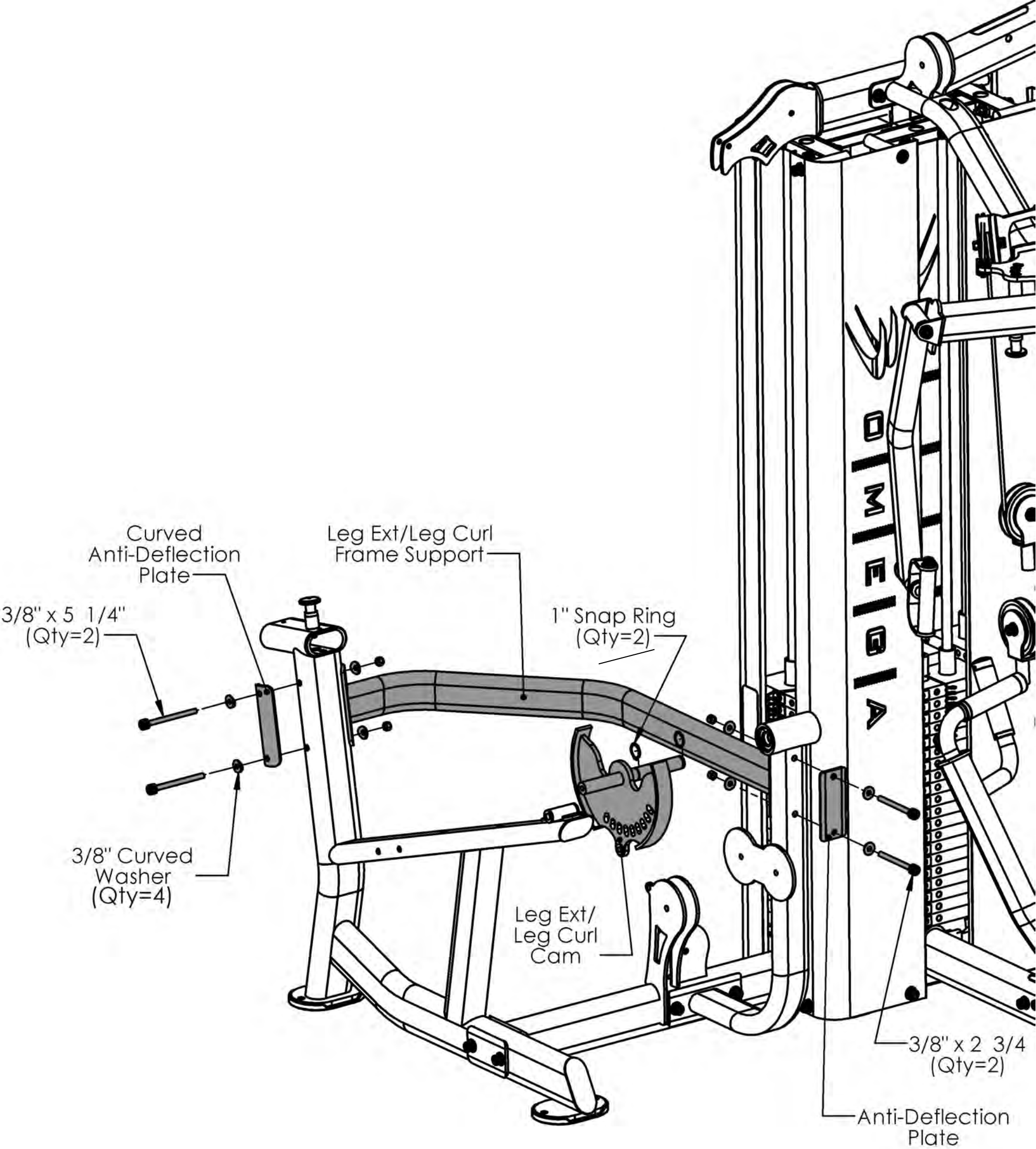
Step 12: Do Not Tighten Bolts Until Next Step



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

Item #	Part #	Description	Qty
45	BFP-10863	Leg Ext/Leg Curl Frame	1
46	BFP-10947	Bearing Housing J Brace	1
47	BFP-52159	Anti-Deflection Plate	1
48	BFP-52164	Anti-Deflection Plate	1
103	BFP-51748	SHCS 3/8" x 3 1/4"	4
111	BFH-50146	3/8" Flat Washer	8
112	BFH-50157	3/8" Nylock	4

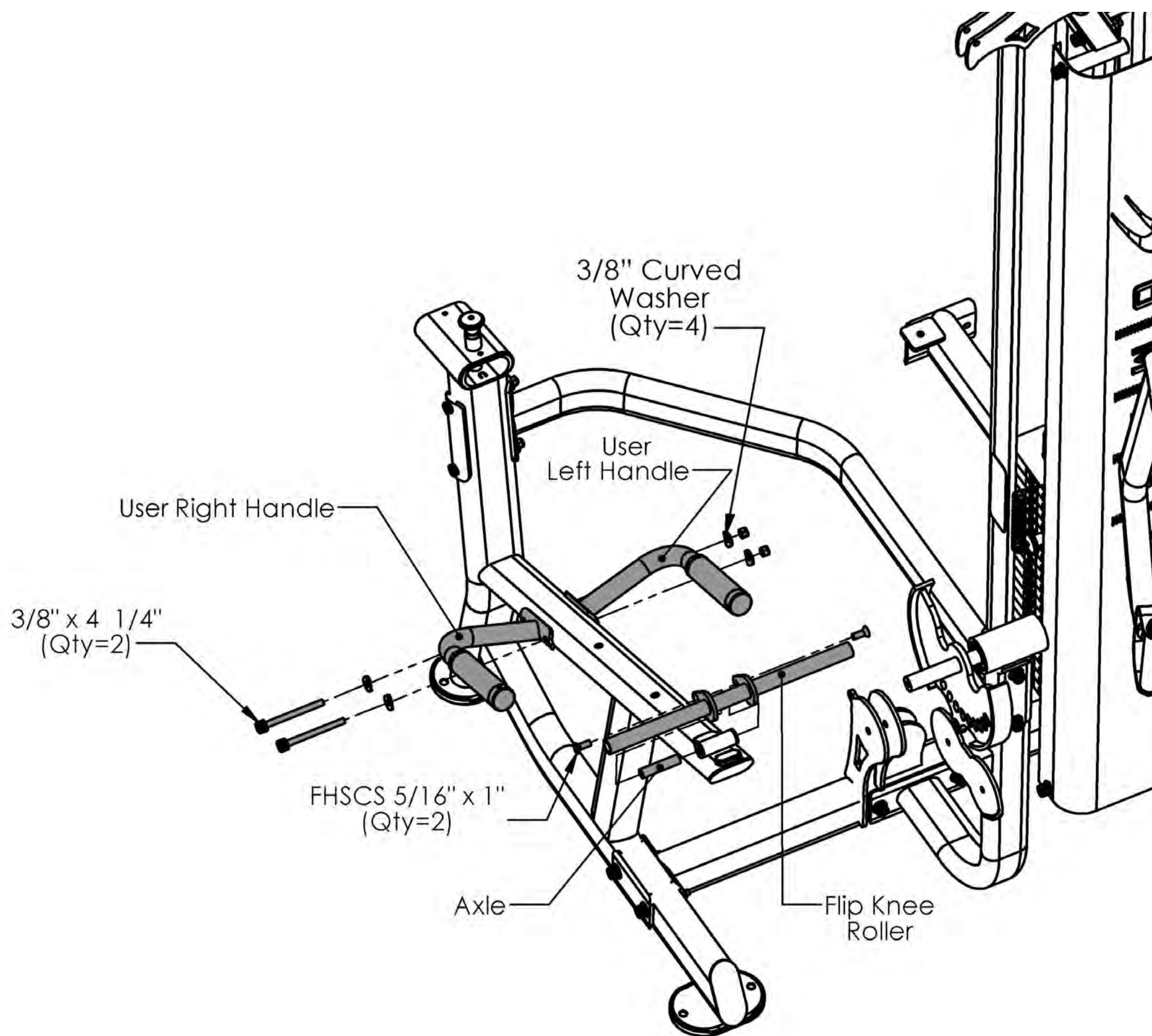
Step 13: Make Sure All Bolts Are Tightened Before Moving On



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**.

Item #	Part #	Description	Qty
49	BFP-10963	Leg Ext/Leg Curl Frame Support	1
50	BFP-51836	Curved Anti-Deflection Plate	1
51	BFP-52132	Anti-Deflection Plate	1
52	BFP-10867	Leg Ext/Leg Curl Cam	1
81	BFH-50165	1" Snap Ring	2
100	BFP-51750	SHCS 3/8" x 2 3/4"	2
106	BFP-51756	SHCS 3/8" x 5 1/4"	2
110	BFH50204	3/8" Curved Washer	4
111	BFH-50146	3/8" Flat Washer	4
112	BFH-50157	3/8" Nylock	4

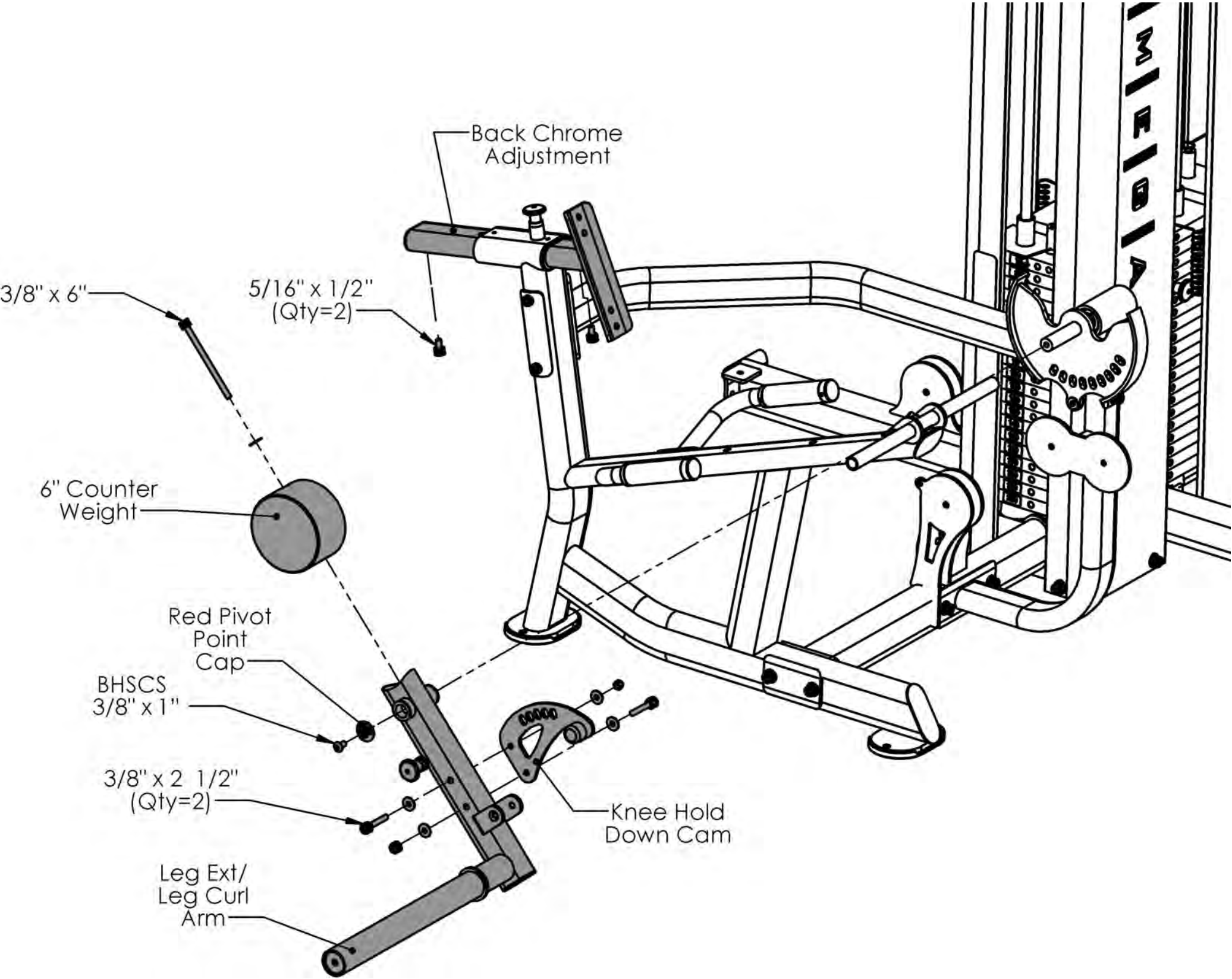
Step 14: Make Sure All Bolts Are Tightened Before Moving On



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**.

Item #	Part #	Description	Qty
53	BFP-10872	User Right Handle	1
54	BFP-10873	User Left Handle	1
55	BFP-10871	Flip Knee Roller	1
56	BFP-52177	Axle	1
92	BFP-50245	FHSCS 5/16" x 1"	2
104	BFP-51884	SHCS 3/8" x 4 1/4"	2
110	BFH-50204	3/8" Curved Washer	4
112	BFH-50157	3/8" Nylock	2

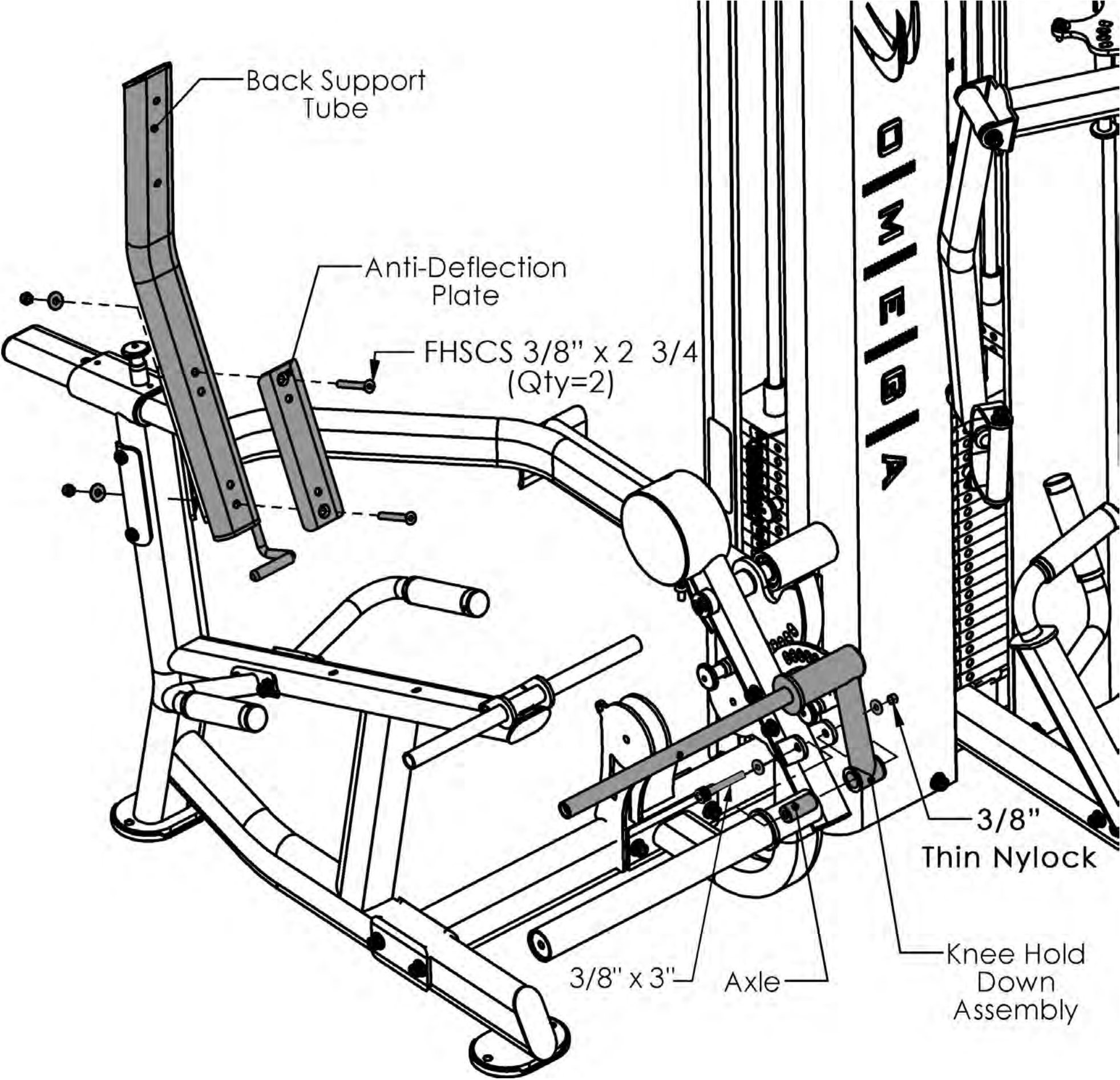
Step 15: Make Sure All Bolts Are Tightened Before Moving On



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

Item #	Part #	Description	Qty
57	BFP-10948	Back Chrome Adjustment	1
58	BFP-10868	Leg Ext/Leg Curl Arm	1
59	BFP-52201	Knee Hold Down Cam	1
60	BFP-51874	6" Counter Weight	1
82	BFP-51885	Red Pivot Point Cap	1
88	BFP-52372	SHCS 5/16" x 1/2"	2
91	BFH-50620	BHSCS 3/8" x 1"	1
99	BFP-52382	SHCS 3/8" x 2 1/2"	2
107	BFP-52364	SHCS 3/8" x 6"	1
111	BFH-50146	3/8" Flat Washer	5
112	BFH-50157	3/8" Nylock	2

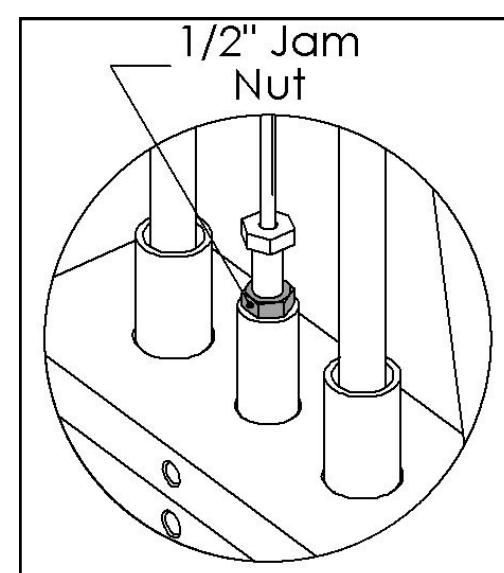
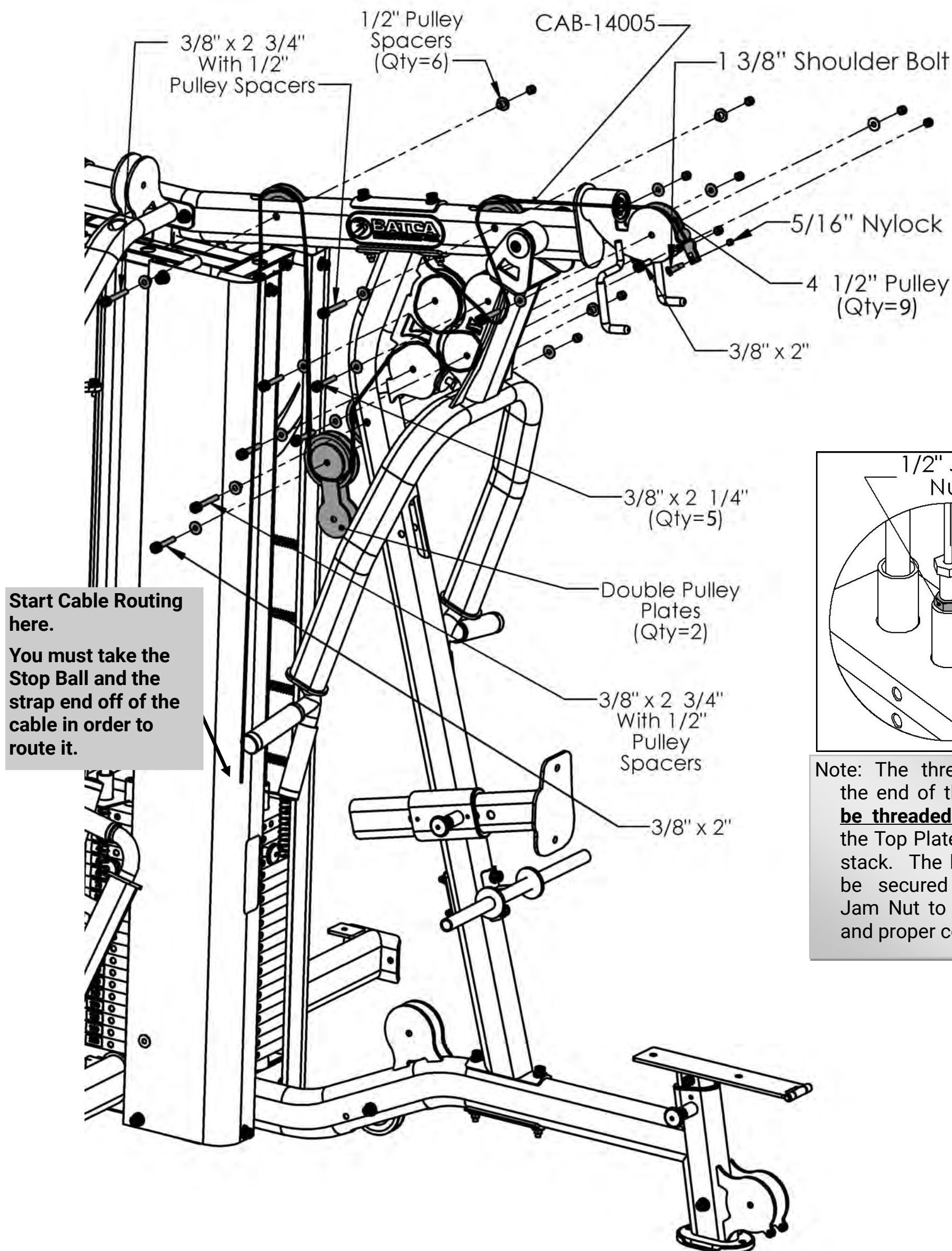
Step 16: Make Sure All Bolts Are Tightened Before Moving On



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

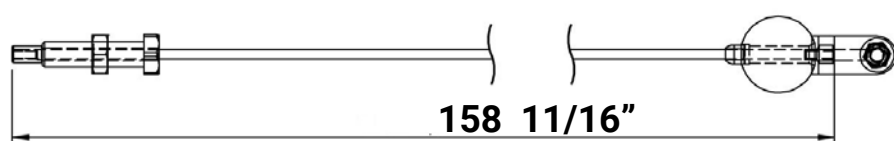
Item #	Part #	Description	Qty
61	BFP-10857	Back Support Tube	1
62	BFP-52135	Anti-Deflection Plate	1
63	BFP-10870	Knee Hold Down Assembly	1
64	BFP-51909	Axle	1
93	BFP-51747	SHCS 3/8" x 3"	1
101	BFP-52374	FHSCS 3/8" x 2 3/4"	2
111	BFH-50146	3/8" Flat Washer	4
112	BFH-50157	3/8" Nylock	2
170	BFH-50247	3/8" Thin Nylock	1

Step 17: 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 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.

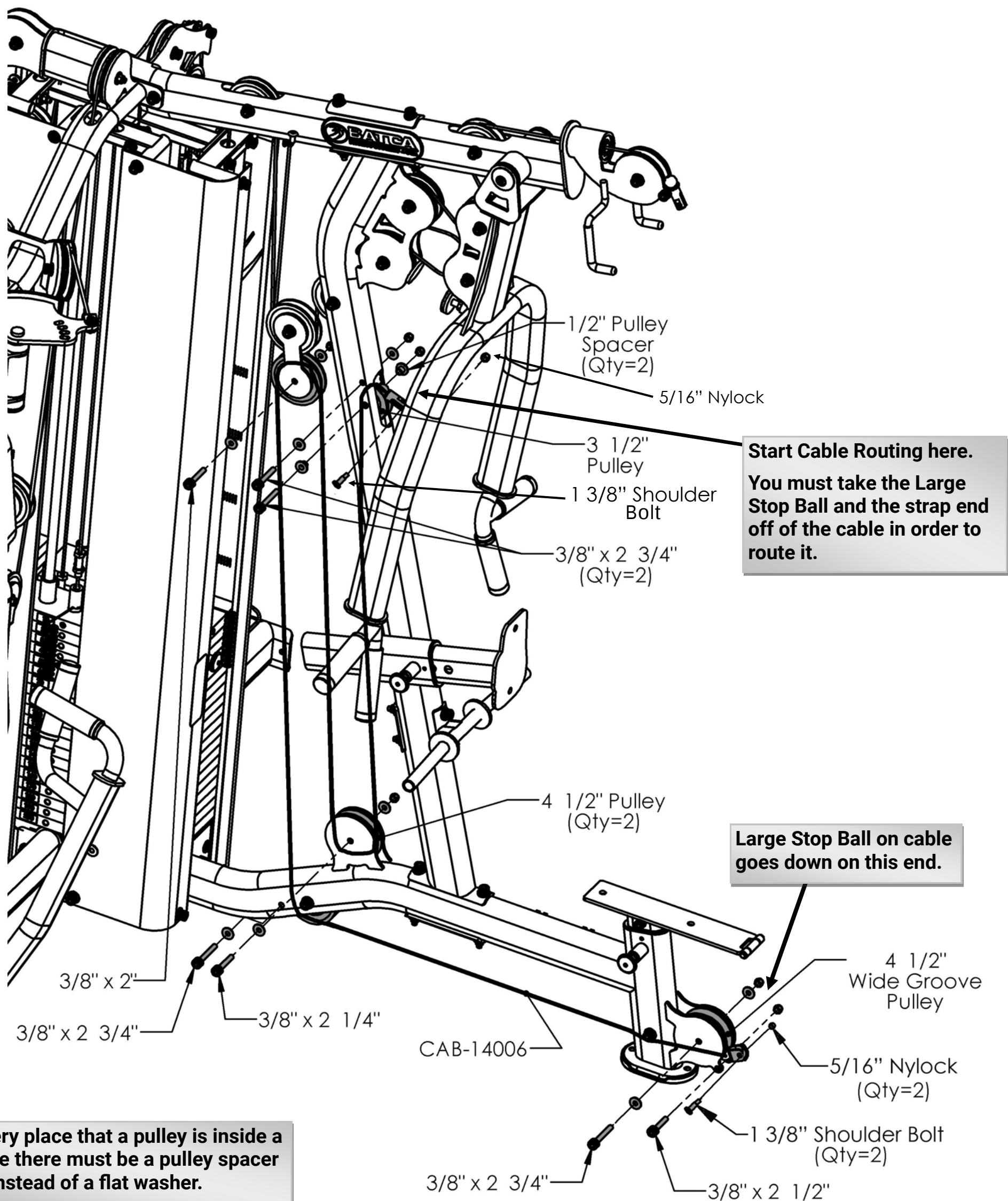
CAB-14005



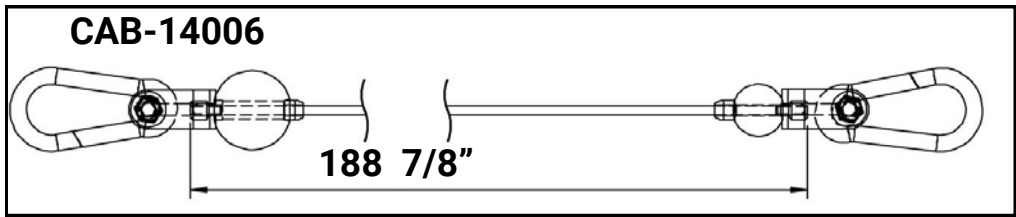
All Flat Washers and Nylocks are 3/8" unless otherwise noted.

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

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



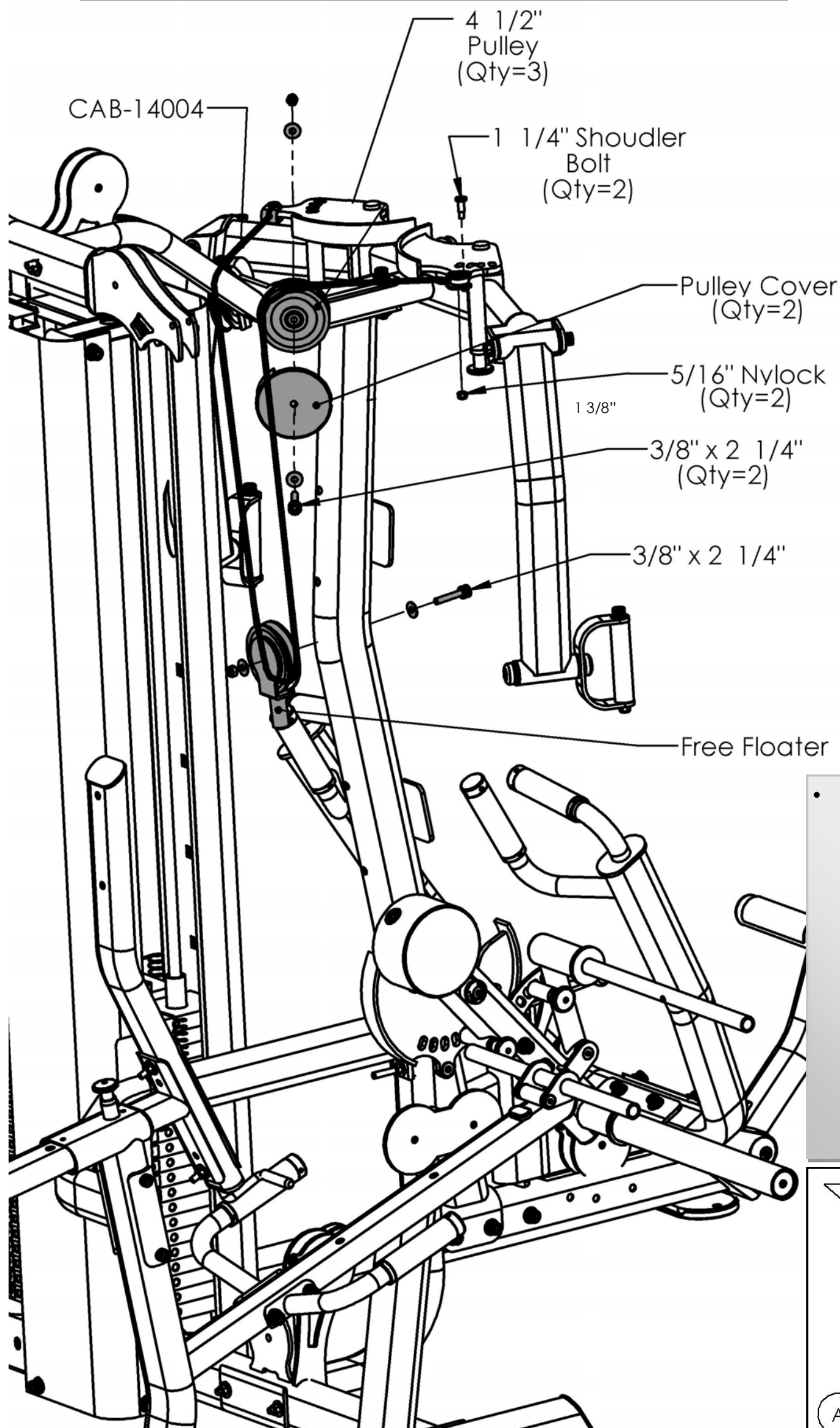
 Every place that a pulley is inside a tube there must be a pulley spacer in use instead of a flat washer.



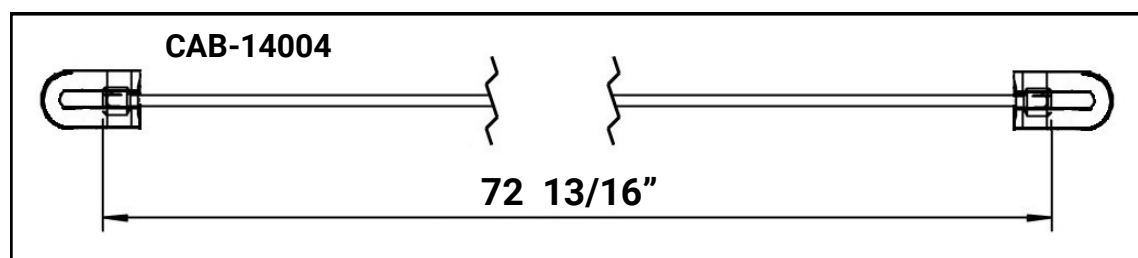
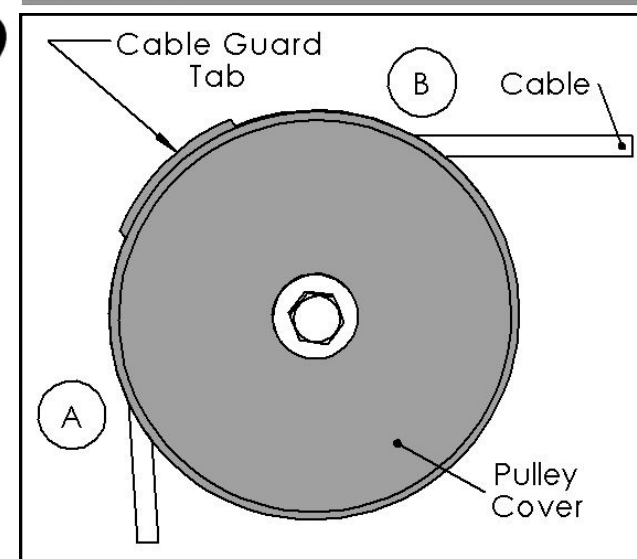
All Flat Washers and Nylocks are 3/8" unless otherwise noted.

Item #	Part #	Description	Qty
121	CAB-14006	Ab Crunch to Low Pulley	1
75	BFH-50173	3 1/2" Pulley	1
76	BFH50174	4 1/2" Pulley	2
77	BFP-52157	4 1/2" Wide Groove Pulley	1
78	BFP-51746	1/2" Pulley Spacer	2
94	BFH-50351	1 3/8" Shoulder Bolt	2
97	BFP-51759	SHCS 3/8" x 2"	1
98	BFP-51752	SHCS 3/8" x 2 1/4"	1
99	BFP-52382	SHCS 3/8" x 2 1/2"	1
100	BFP-51750	SHCS 3/8" x 2 3/4"	4
108	BFH-50267	5/16" Nylock	1
111	BFH-50146	3/8" Flat Washer	10
112	BFH-50157	3/8" Nylock	7

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



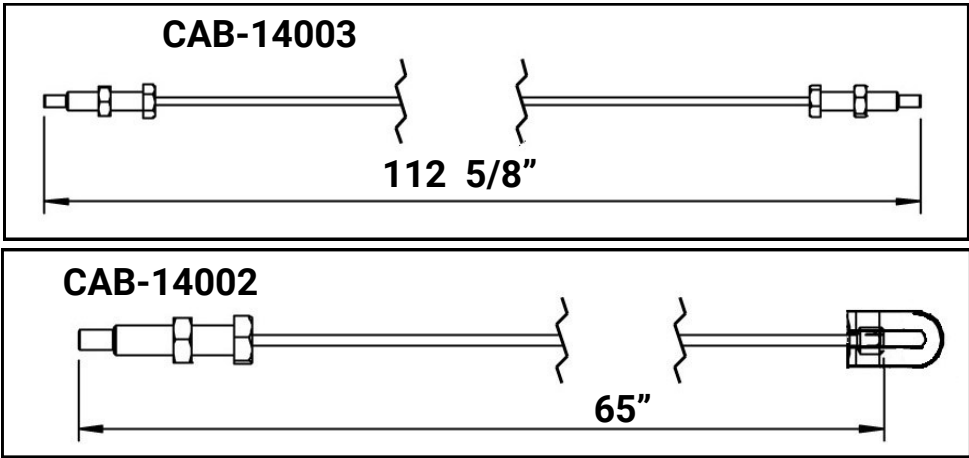
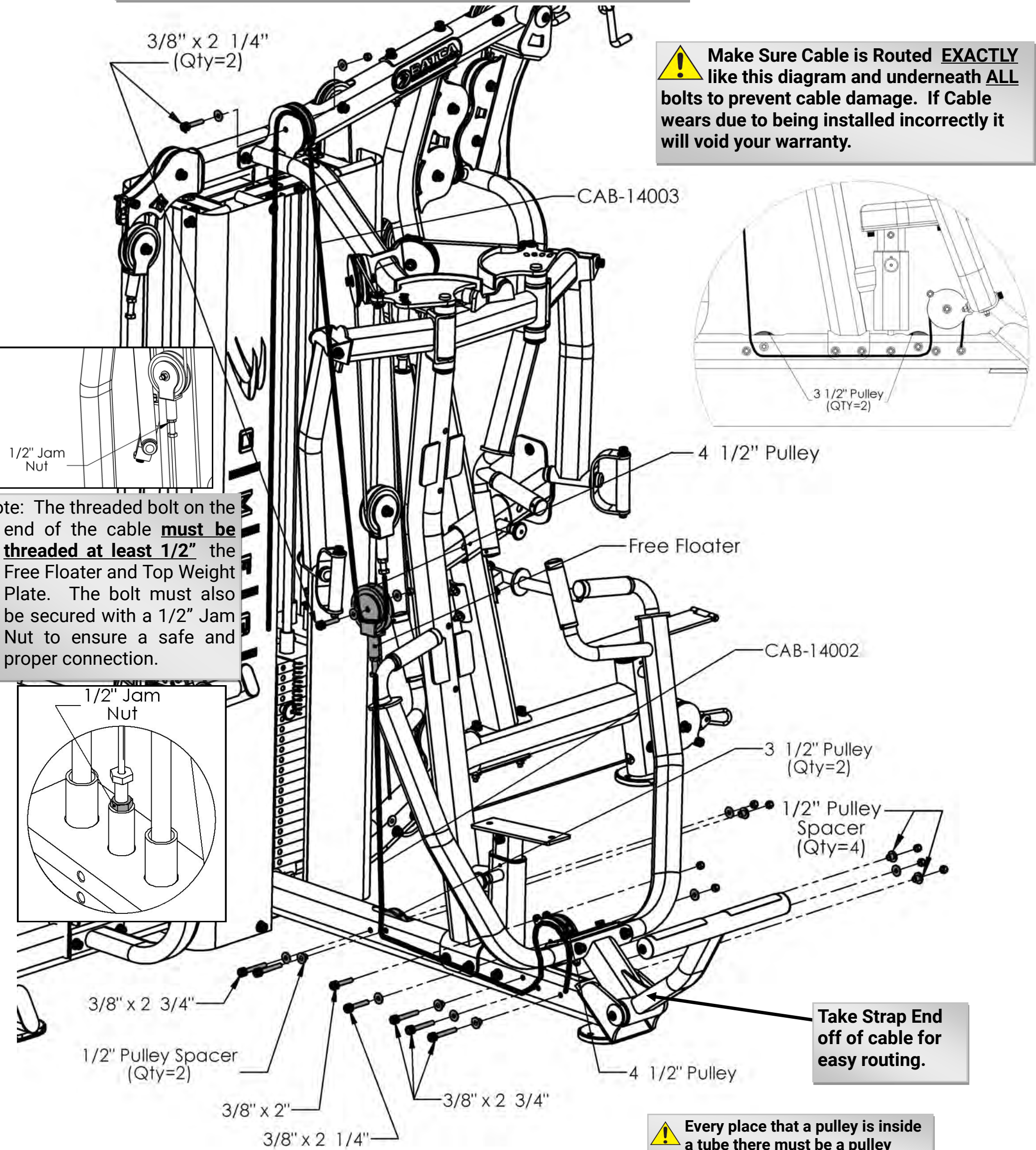
- **Position** the cable guard tab on the Pulley Cover so that the tab prevents the cable from coming out of it's track on the 4 1/2" Pulley. An example of this positioning can be seen in the figure below. The cable guard tab should be positioned so that it is in the middle of the cable wrap on the 4 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.

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

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

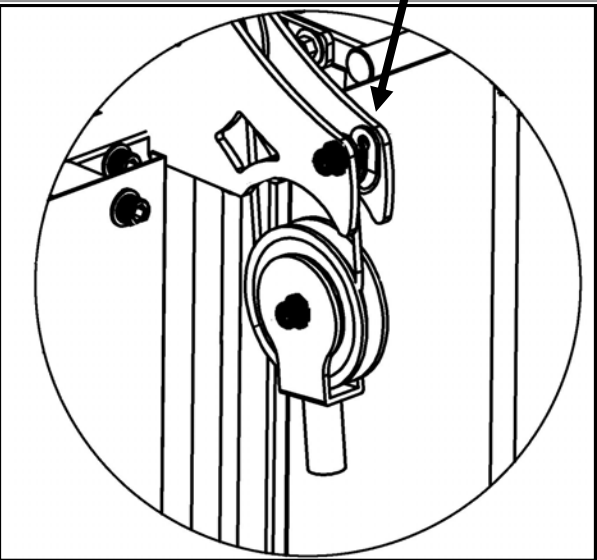


All Flat Washers and Nylocks are 3/8" unless otherwise noted.

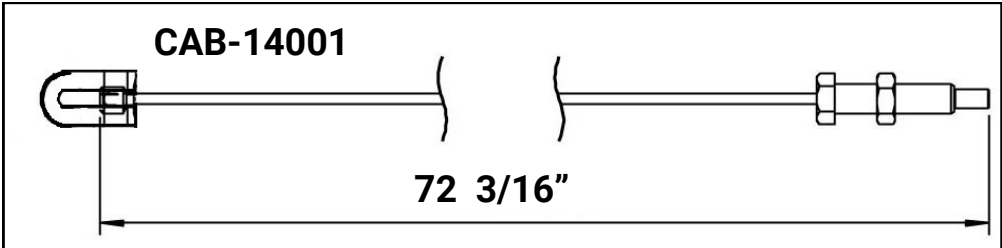
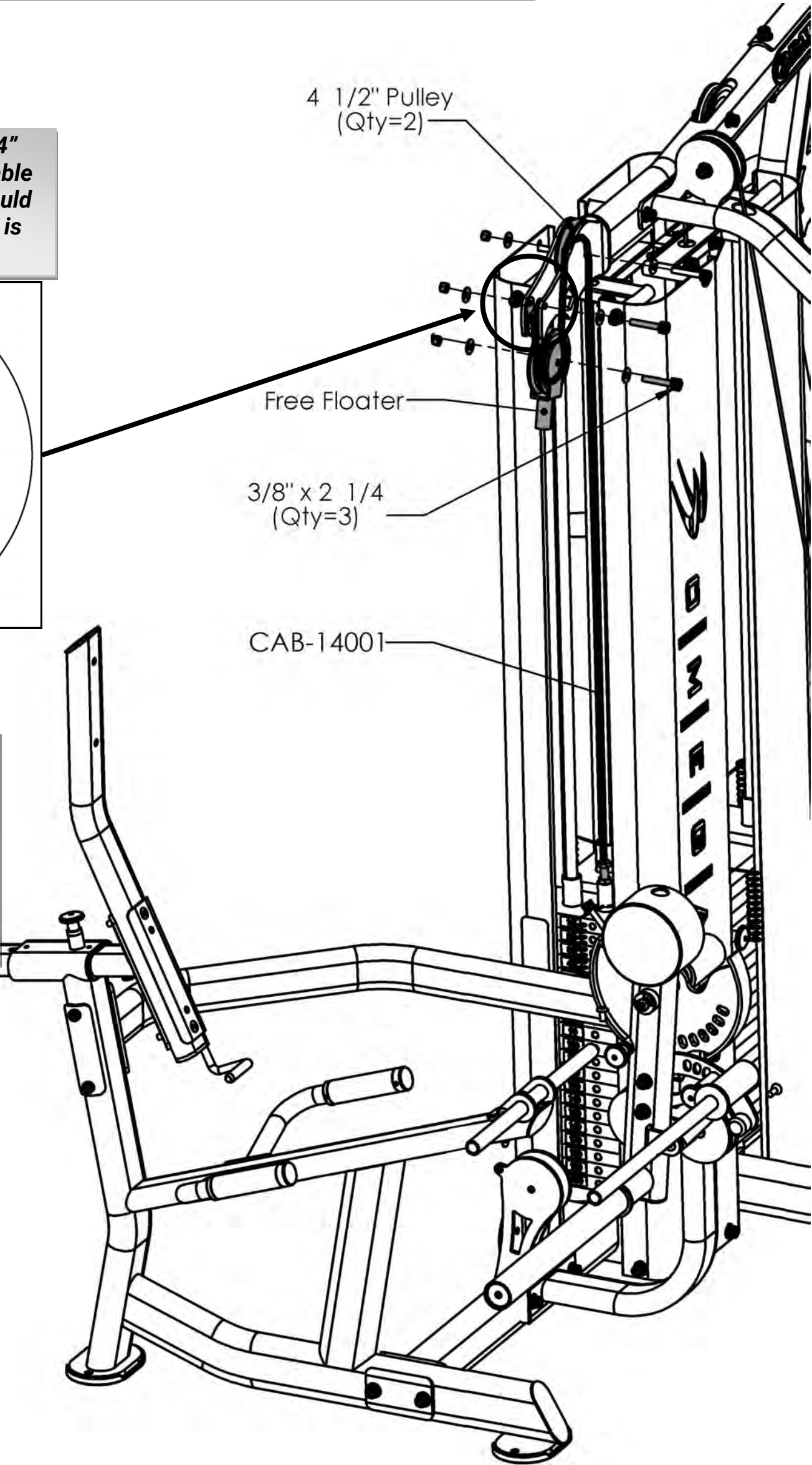
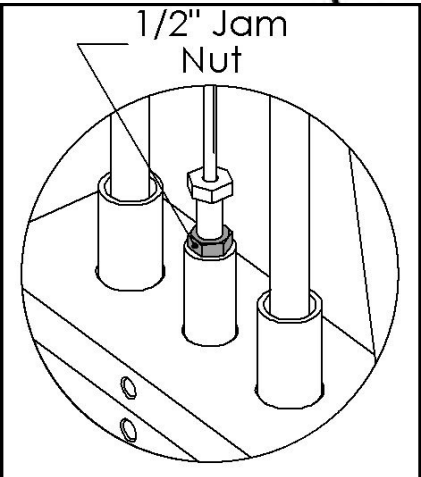
Item #	Part #	Description	Qty
123	CAB-14002	Free Floater to Chest Press	1
124	CAB-14003	Weight Stack to Free Floater	1
67	BFP-10838	Free Floater	1
75	BFH-50173	3 1/2" Pulley	2
76	BFH-50174	4 1/2" Pulley	3
78	BFP-51746	1/2" Pulley Spacer	6
97	BFP-51759	SHCS 3/8" x 2"	1
98	BFP-51752	SHCS 3/8" x 2 1/4"	3
100	BFP-51750	SHCS 3/8" x 2 3/4"	5
111	BFH-50146	3/8" Flat Washer	10
112	BFH-50157	3/8" Nylock	9

Step 21: 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.



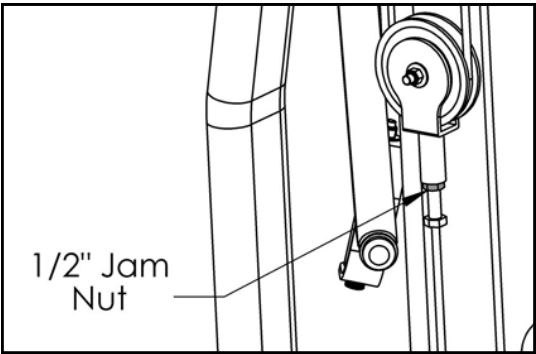
Note: The threaded bolt on the end of the cable **must be threaded at least 1/2"** the Free Floater and Top Weight Plate. The bolt must also be secured with a 1/2" Jam Nut to ensure a safe and proper connection.



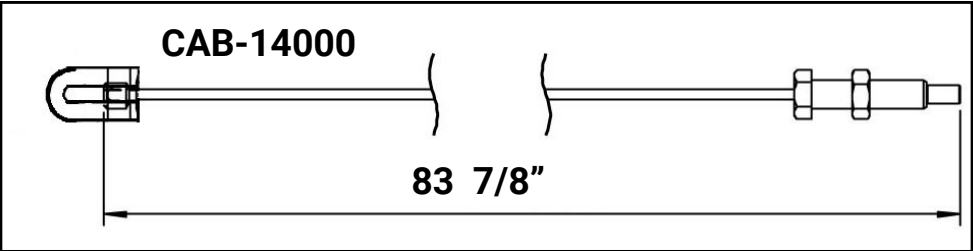
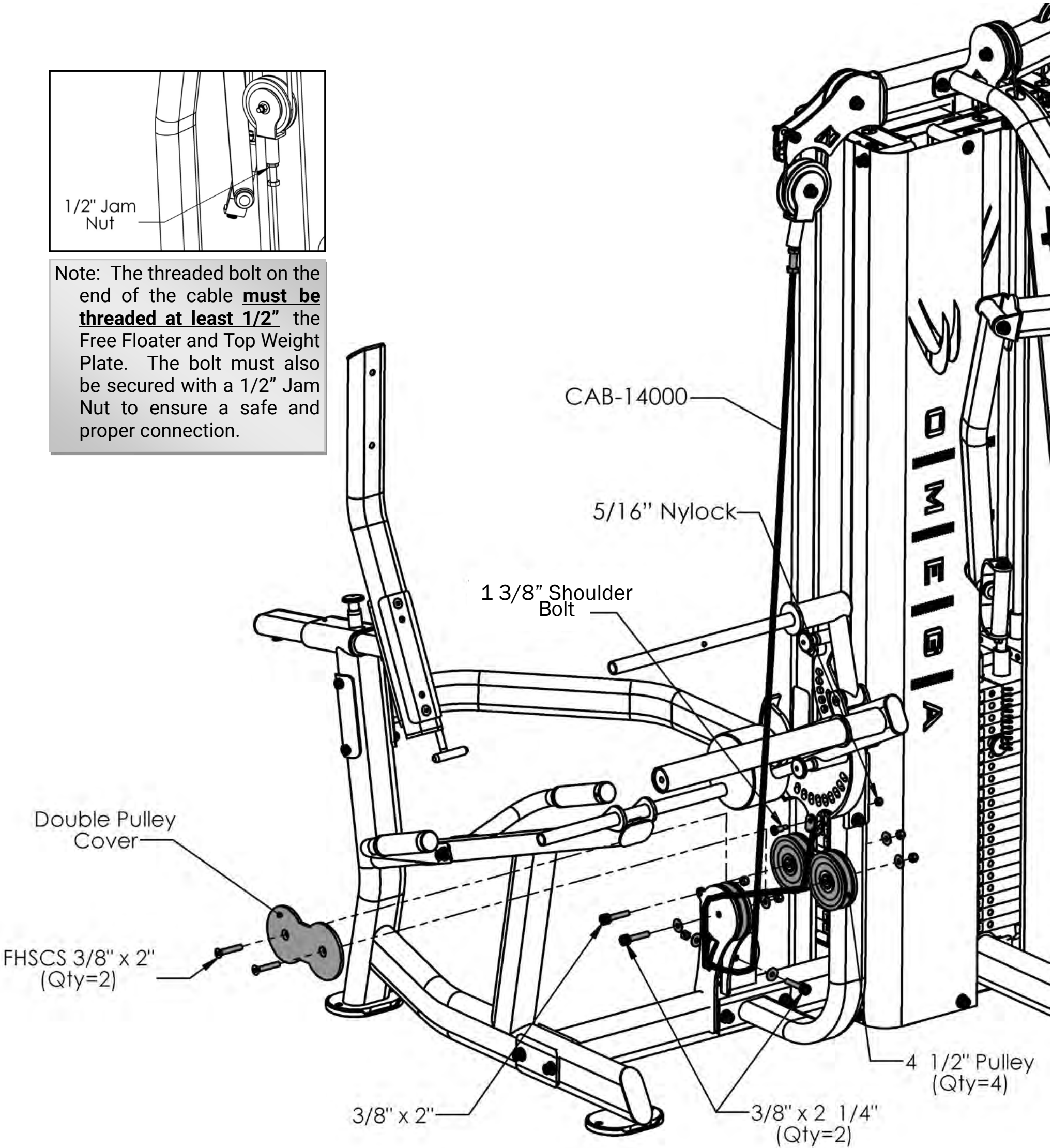
All Flat Washers and Nylocks are 3/8" unless otherwise noted. Anywhere a washer is against the round side of a tube there is to be a **3/8" CURVED WASHER** instead of a **3/8" FLAT WASHER**.

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

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



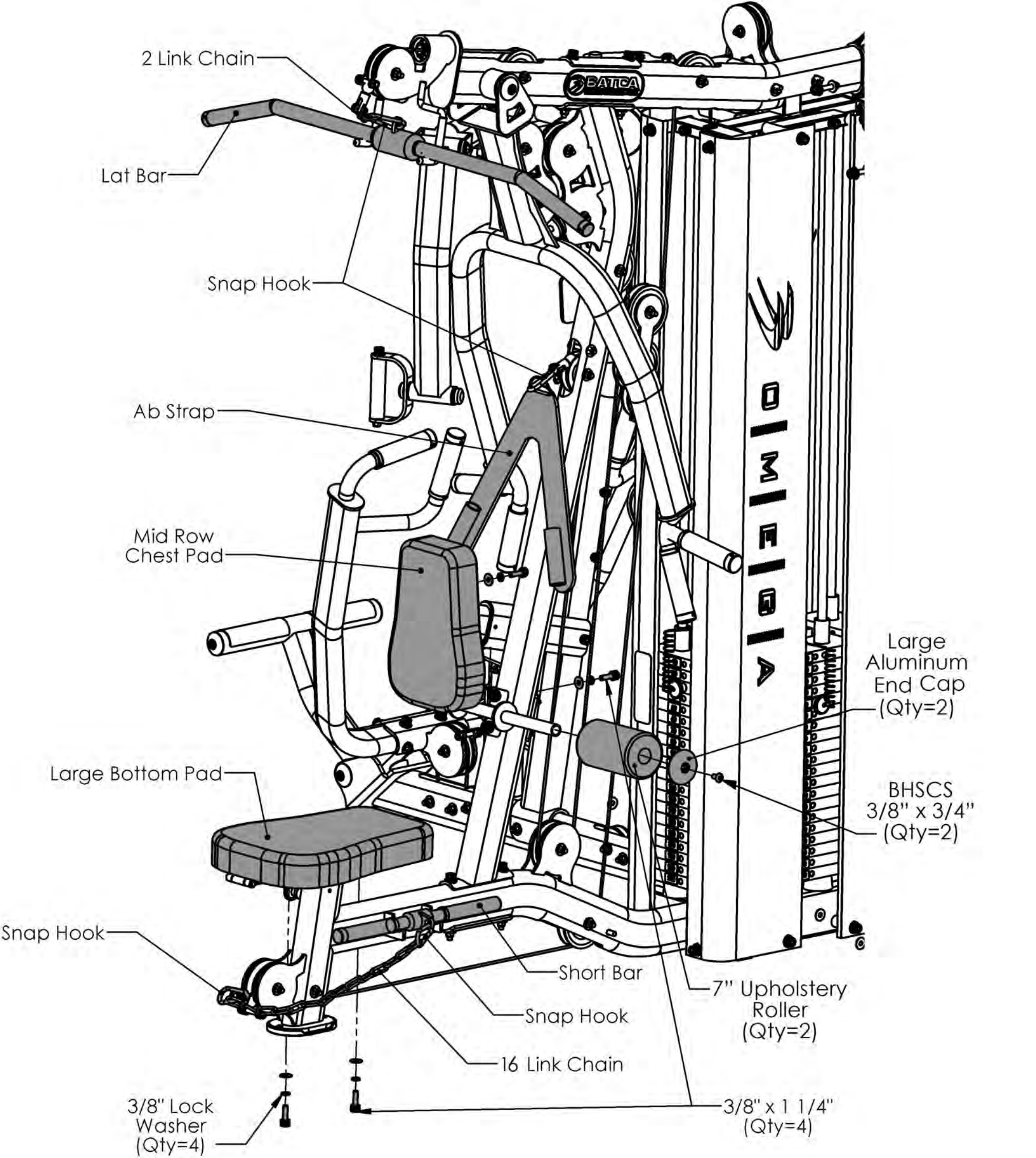
Note: The threaded bolt on the end of the cable **must be threaded at least 1/2"** the Free Floater and Top Weight Plate. The bolt must also be secured with a 1/2" Jam Nut to ensure a safe and proper connection.



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

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

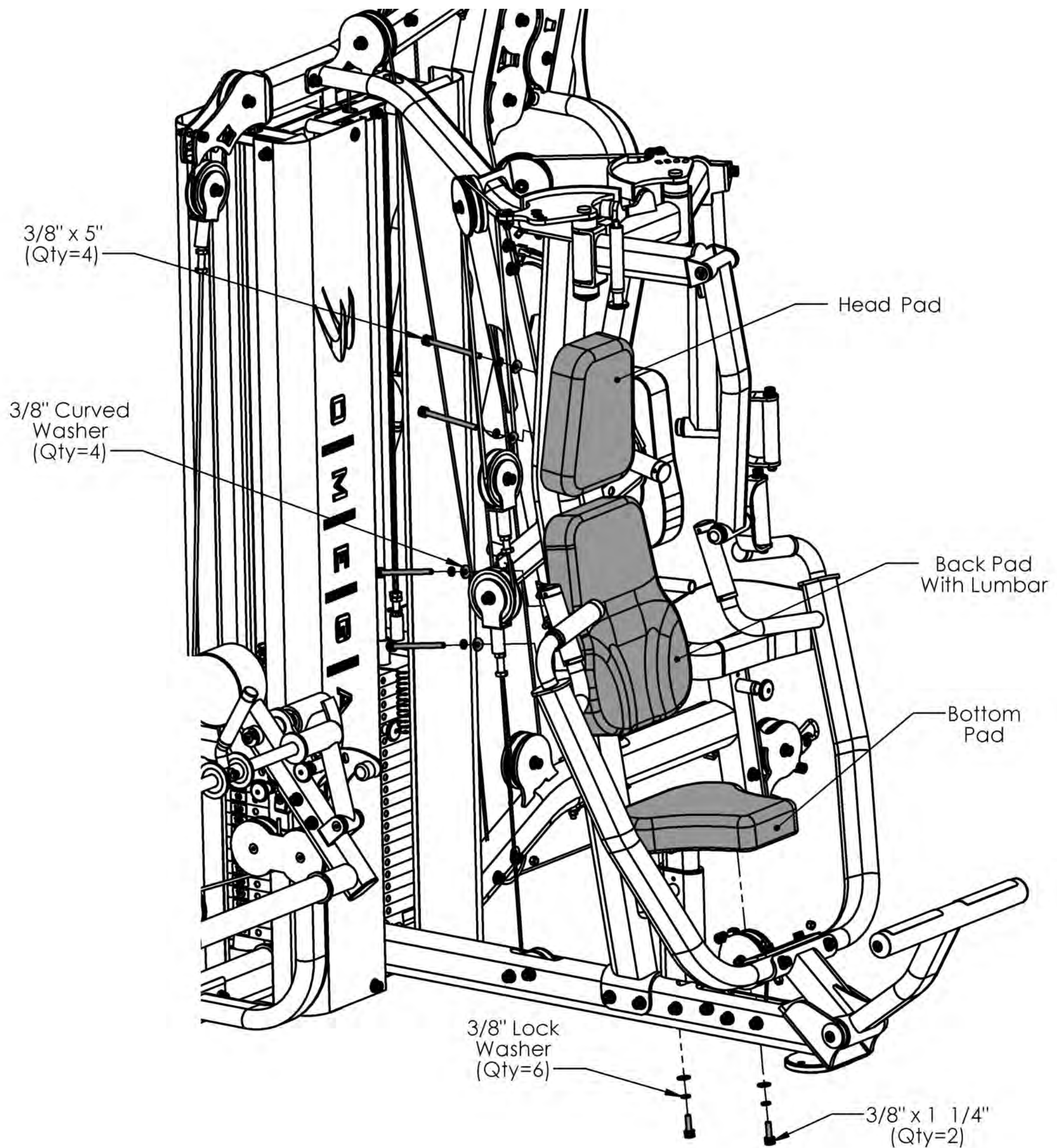
Step 23: Make Sure All Bolts Are Tightened Before Moving On



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

Item #	Part #	Description	Qty
113	BFP-52130	Large Bottom Pad	1
114	BFP-52129	Mid Row Chest Pad	1
115	BFU-10121	7" Upholstery Roller	2
71	BFC-50122	Ab Strap	1
72	BFC-50125	Lat Bar	1
73	BFC-50126	Short Bar	1
83	16xBFC-50128	16 Link Chain	1
84	2xBFC-50128	2 Link Chain	1
85	BFH-50622	Large Aluminum End Cap	2
86	BFH-50188	Snap hook	4
89	BFP-52430	BHSCS 3/8" x 3/4"	2
95	BFP-51653	SHCS 3/8" x 1 1/4"	4
109	BFH-50147	3/8" Lock Washer	4
111	BFH-50146	3/8" Flat Washer	4

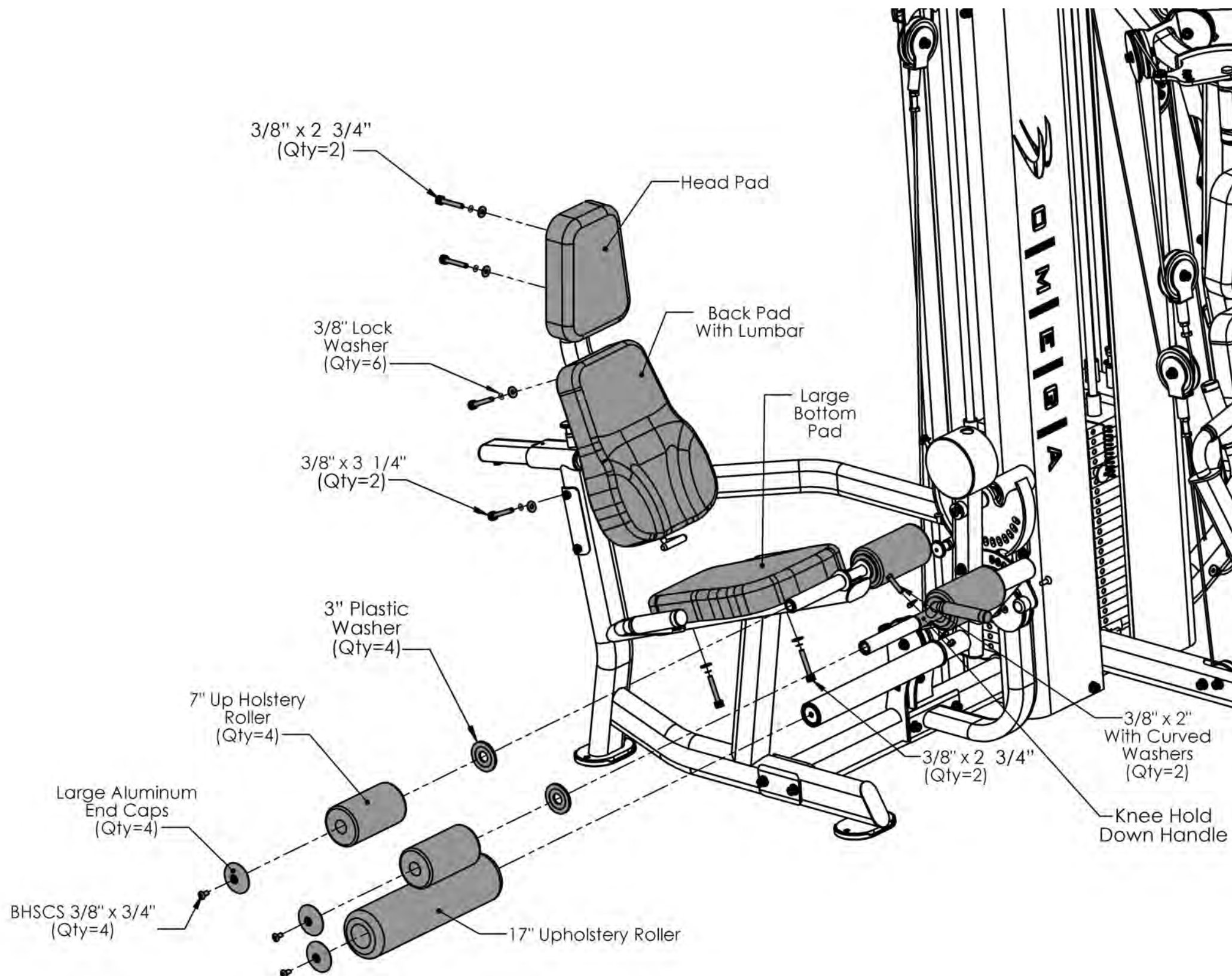
Step 24: Make Sure All Bolts Are Tightened Before Moving On



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

Item #	Part #	Description	Qty
116	BFP-52136	Back Pad With Lumbar	1
117	BFP-52137	Head Pad	1
118	BFP-52141	Bottom Pad	1
95	BFP-51653	SHCS 3/8" x 1 1/4"	2
105	BFP-51799	SHCS 3/8" x 5"	4
109	BFH-50147	3/8" Lock Washer	6
110	BFH-50204	3/8" Curved Washer	4
111	BFH-50146	3/8" Flat Washer	2

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

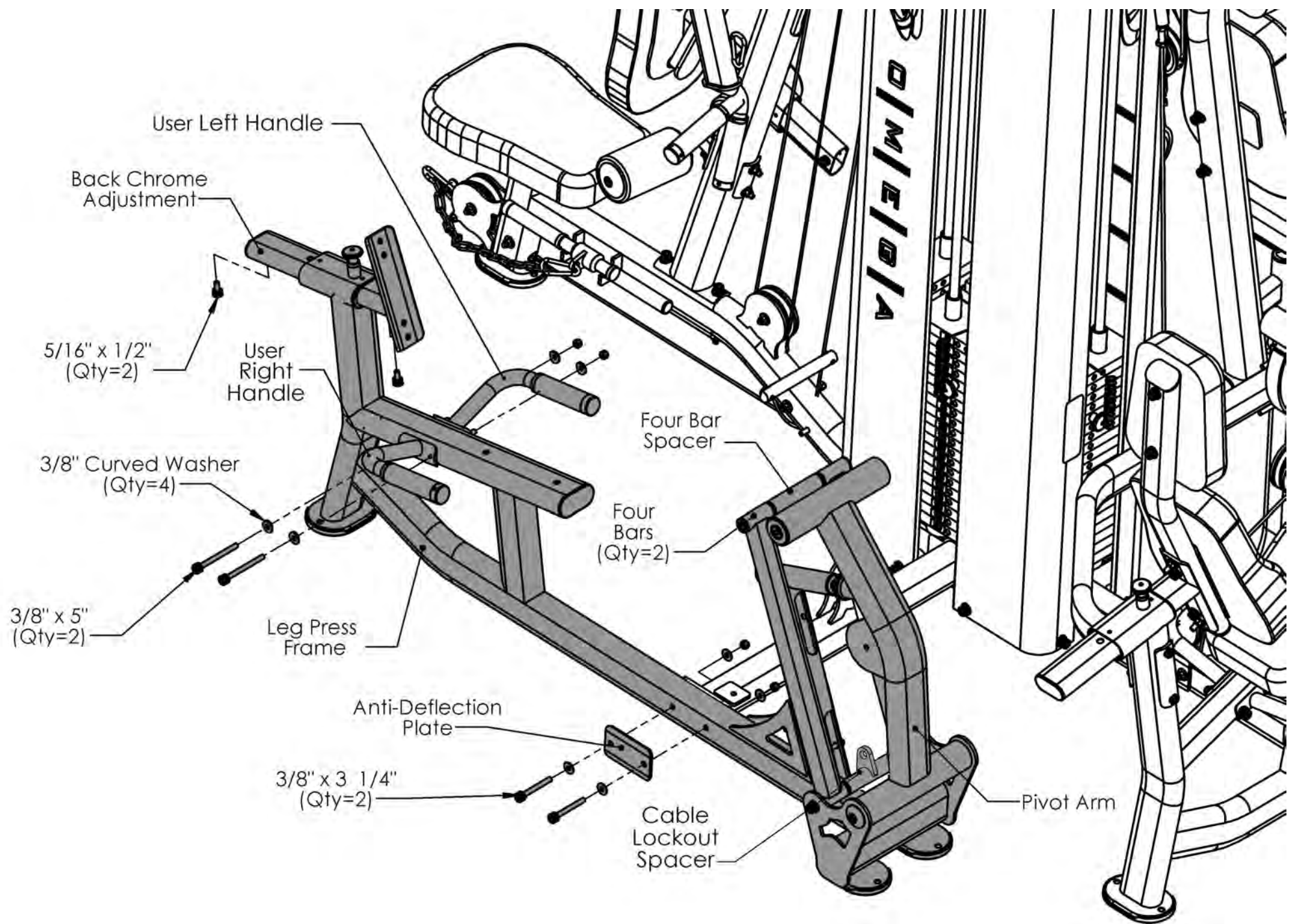


All Flat Washers and Nylocks are 3/8" unless otherwise noted.

Item #	Part #	Description	Qty
69	BFM-10588	Knee Hold Down Handle	1
117	BFP-52137	Head Pad	1
116	BFP-52136	Back Pad With Lumbar	1
113	BFP-52130	Large Bottom Pad	1
115	BFU-10121	7" Upholstery Roller	4
119	BFU-10122	17" Upholstery Roller	1
85	BFH-50622	Large Aluminum End Cap	4
87	BFH-50221	3" Plastic Washer	4
89	BFP-51430	BHSCS 3/8" x 3/4"	4
97	BFP-51759	SHCS 3/8" x 2"	1
100	BFP-51750	SHCS 3/8" x 2 3/4"	4
103	BFP-51748	SHCS 3/8" x 3 1/4"	2
109	BFH-50147	3/8" Lock Washer	6
110	BFH-50204	3/8" Curved Washer	2
111	BFH-50146	3/8" Flat Washer	6

Leg Press Option

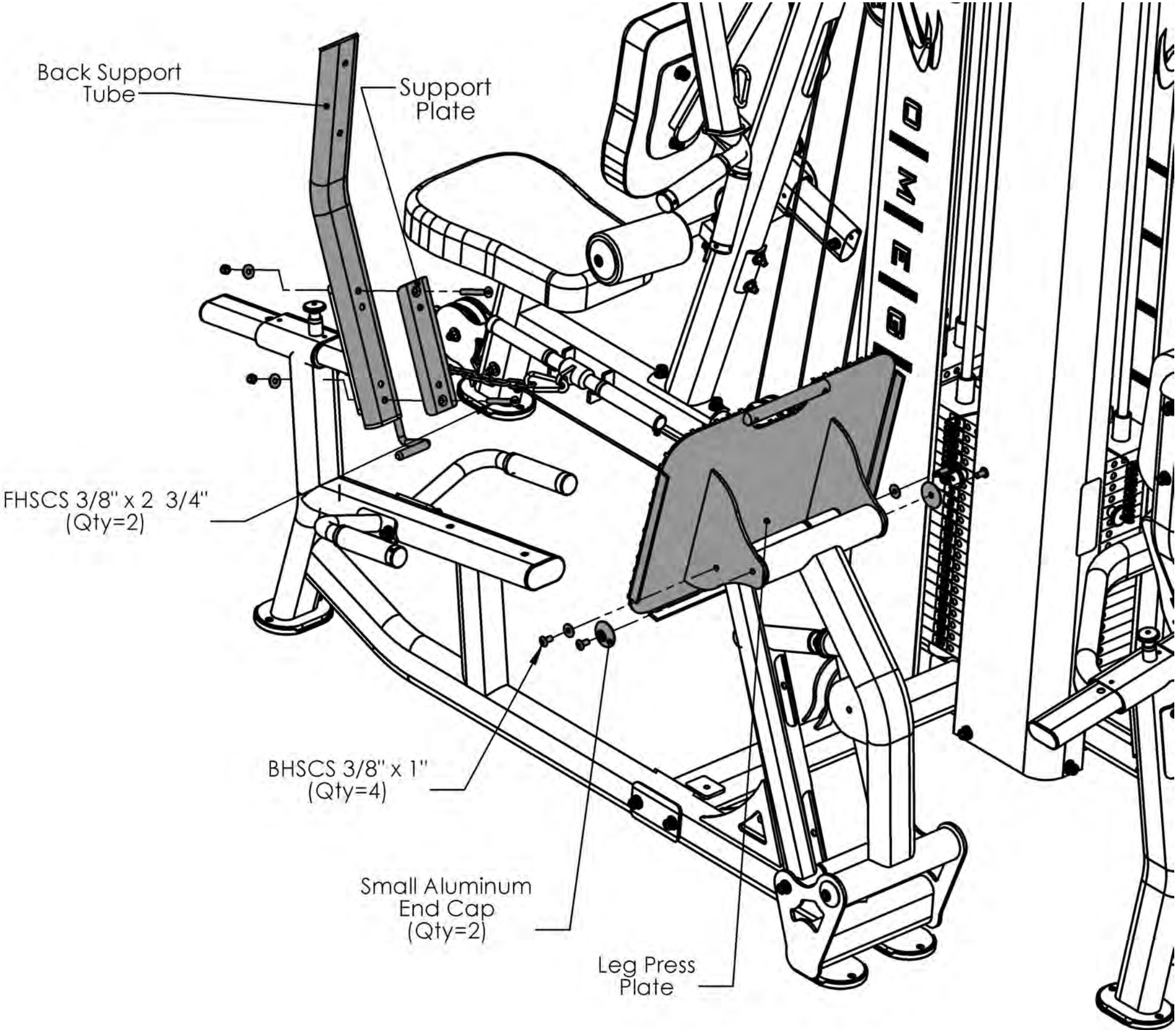
Step 26: This section is only for those who purchased the Leg Press Option.



Item #	Part #	Description	Qty
133	BFP-10964	Leg Press Frame	1
134	BFP-10856	Back Chrome Adjustment	1
135	BFP-10860	User Left Handle	1
136	BFP-10861	User Right Handle	1
137	BFP-52159	Anti-Deflection Plate	1
138	BFP-10852	Pivot Arm	1
139	BFP-10851	Four Bars	2
140	BFP-51843	Four Bar Spacer	1
170	BFP-11020	Cable Lockout Spacer	1
152	BFP-52372	SHCS 5/16\" x 1/2"	2
160	BFP-51748	SHCS 3/8\" x 3 1/4"	2
161	BFP-51799	SHCS 3/8\" x 5"	2
164	BFH-50204	3/8\" Curved Washer	4
165	BFH-50146	3/8\" Flat Washer	4
166	BFH-50157	3/8\" Nylock	4

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

Step 27: Make Sure All Bolts Are Tightened Before Moving On

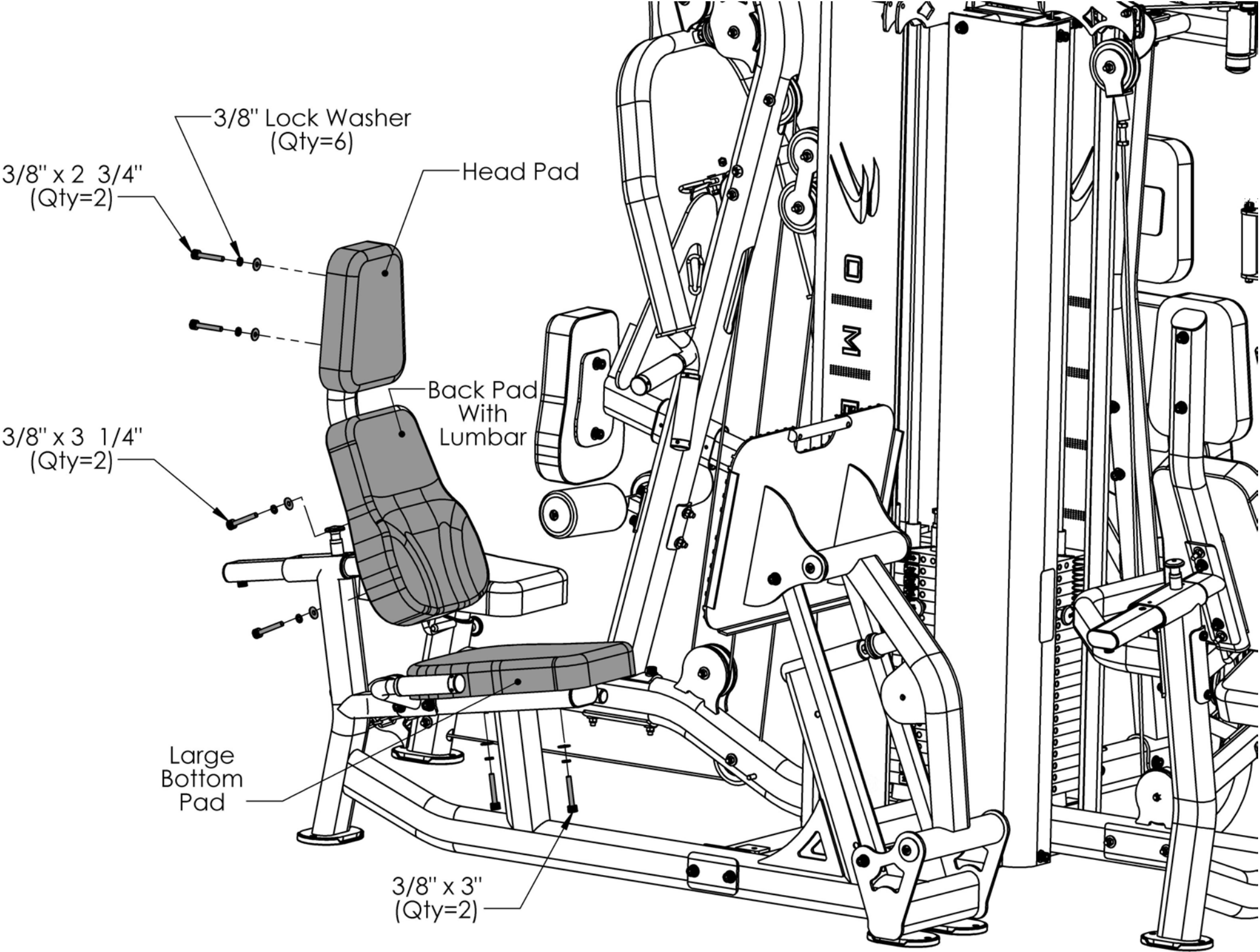


All Flat Washers and Nylocks are 3/8" unless otherwise noted.

Item #	Part #	Description	Qty
141	BFP-10853	Leg Press Plate	1
142	BFP-10857	Back Support Tube	1
143	BFP-52149	Support Plate	1
150	BFP-51696	Small Aluminum End Cap	2
153	BFH-50620	BHSCS 3/8" x 1"	4
157	BFP-52374	FHSCS 3/8" x 2 3/4"	2
165	BFH-50146	3/8" Flat Washer	4
166	BFH-50157	3/8" Nylock	2

Step 28:

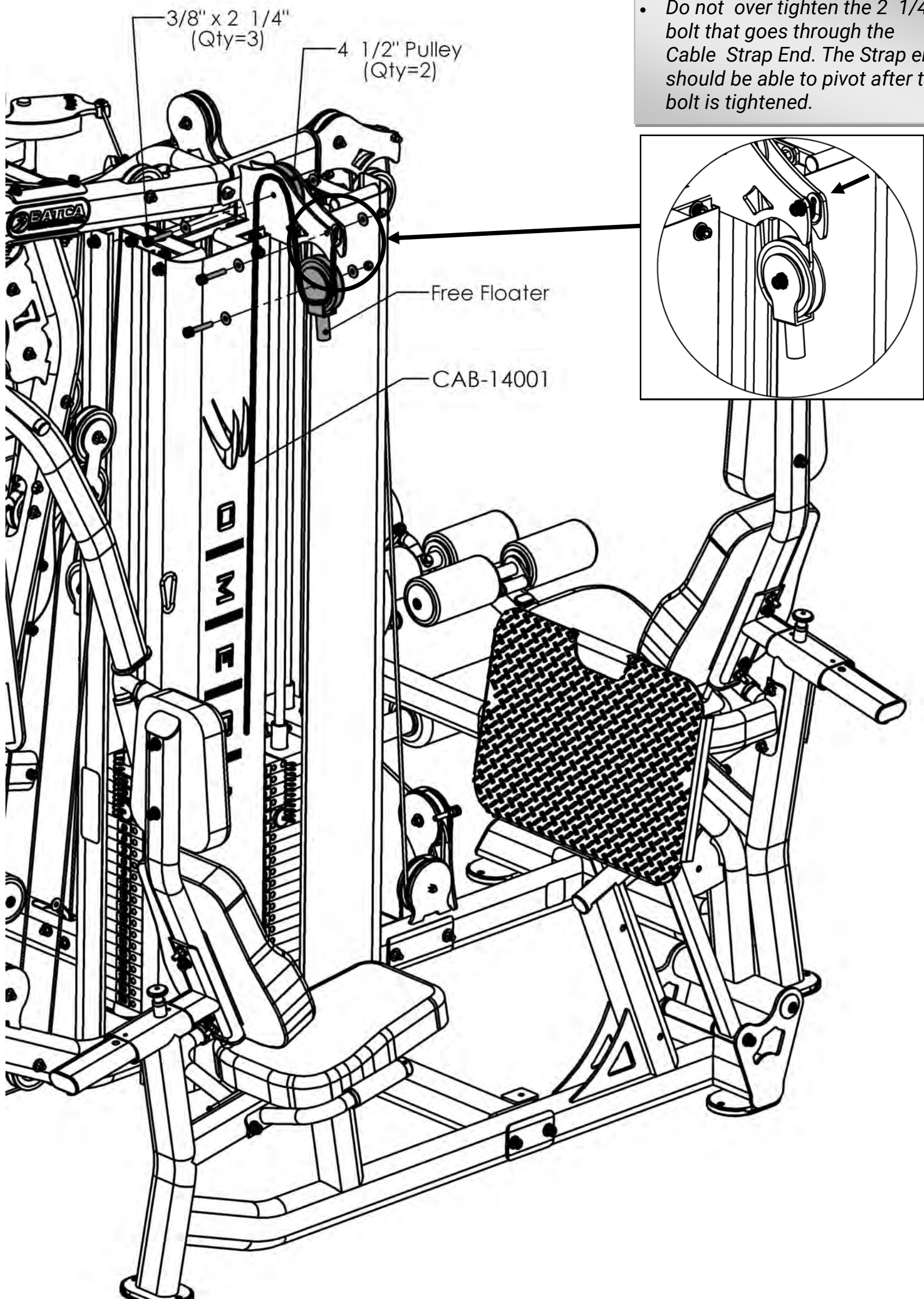
 Make Sure All Bolts Are Tightened Before Moving On



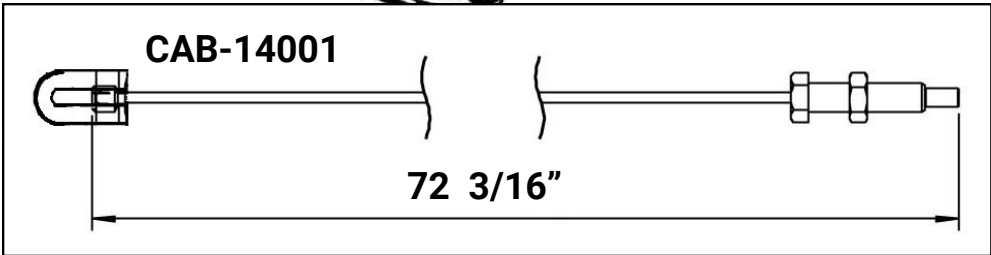
All Flat Washers and Nylocks are 3/8" unless otherwise noted.

Item #	Part #	Description	Qty
146	BFP-52137	Head Pad	1
147	BFP-52136	Back Pad With Lumbar	1
148	BFP-52130	Large Bottom Pad	1
158	BFP-51750	SHCS 3/8" x 2 3/4"	2
159	BFP-51747	SHCS 3/8" x 3"	2
160	BFP-51748	SHCS 3/8" x 3 1/4"	2
163	BFH-50157	3/8" Lock Washer	6
165	BFH-50146	3/8" Flat Washer	6

Step 29: 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.

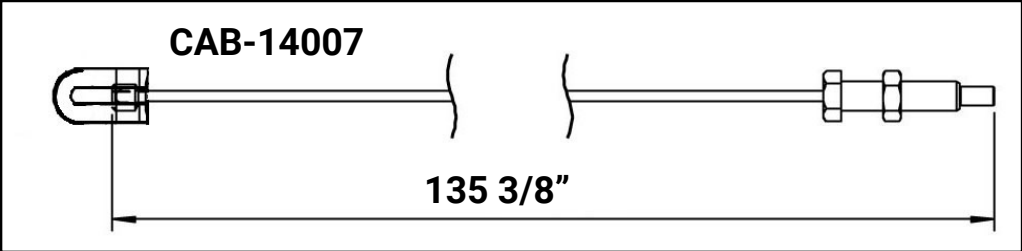
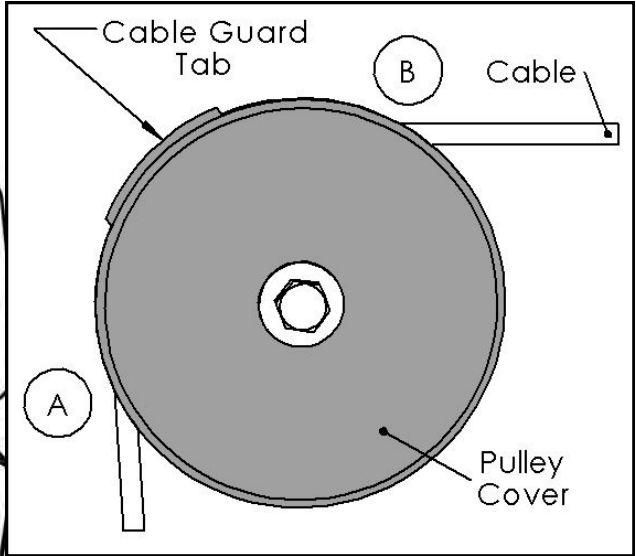
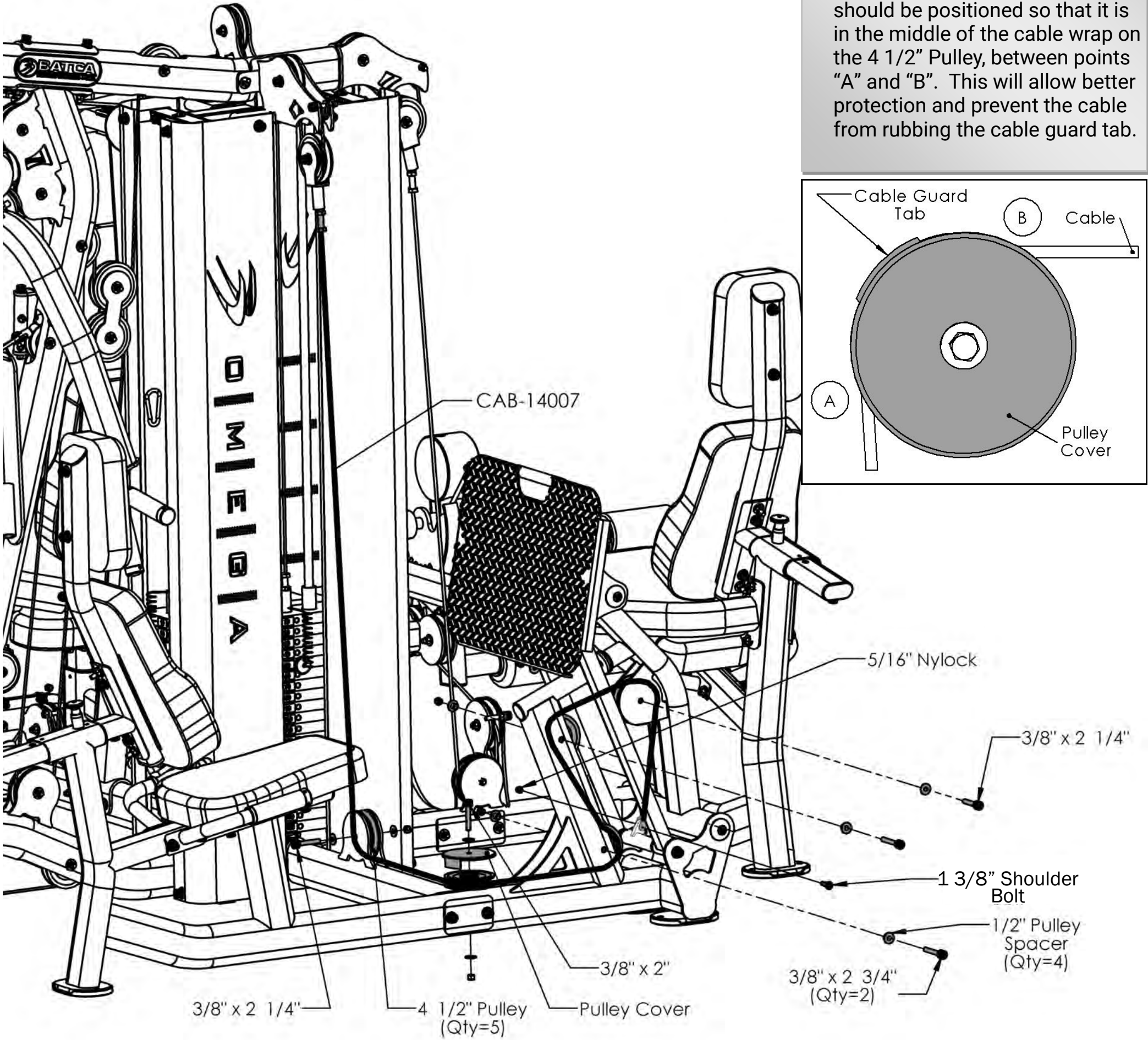


All Flat Washers and Nylocks are 3/8" unless otherwise noted.

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

Step 30: 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.

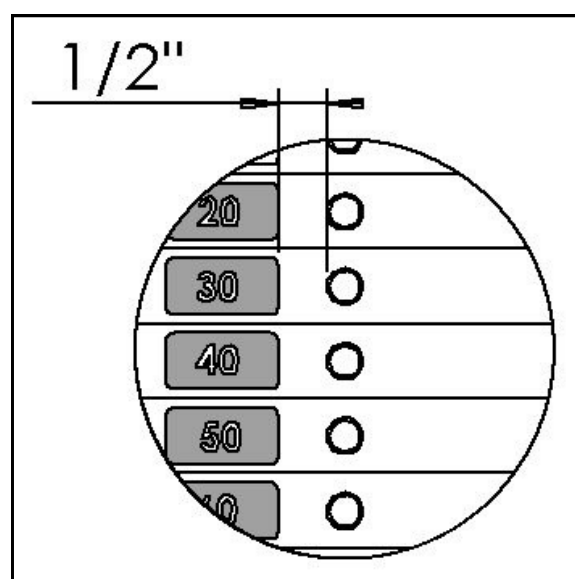
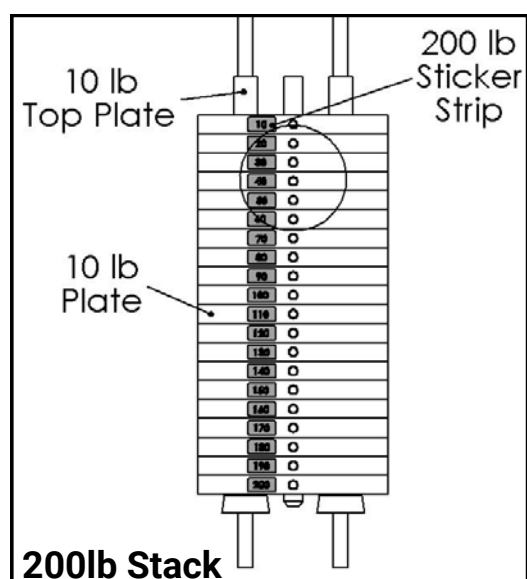


All Flat Washers and Nylocks are 3/8" unless otherwise noted.

Item #	Part #	Description	Qty
167	CAB-14007	Free Floater to Leg Press Lockout	1
145	BFM-50345	Pulley Cover	1
149	BFH-50174	4 1/2" Pulley	5
151	BFP-51746	1/2" Pulley Spacer	4
154	BFH-50351	1 3/8" Shoulder Bolt	1
155	BFP-51759	SHCS 3/8" x 2"	1
156	BFP-51752	SHCS 3/8" x 2 1/4"	2
158	BFP-51750	SHCS 3/8" x 2 3/4"	2
162	BFH-50267	5/16" Nylock	1
165	BFH-50146	3/8" Flat Washer	6
166	BFH-50157	3/8" Nylock	5

Final Assembly and Troubleshooting

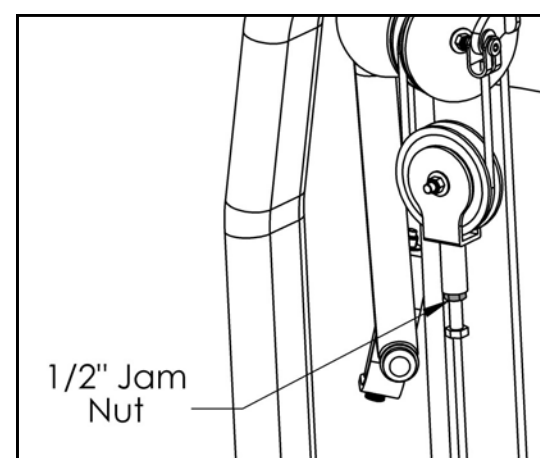
Weight Stack Decals:



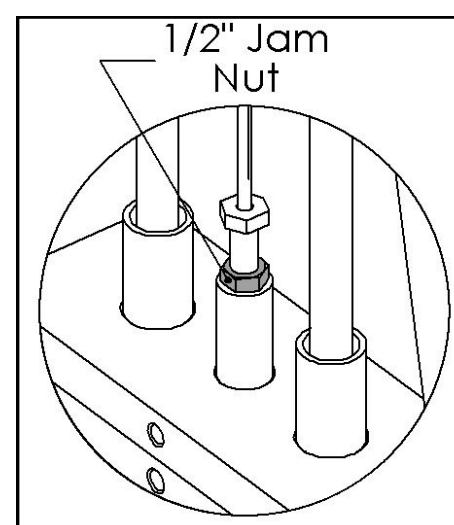
! The weight stack decals should be installed with a gap of $1/2"$ between the edge of the decals and the side of the holes for the weight stack pin. This spacing is critical because a larger gap between the decal and the center pin hole could result in the weight stack decals being covered by shrouds. 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:

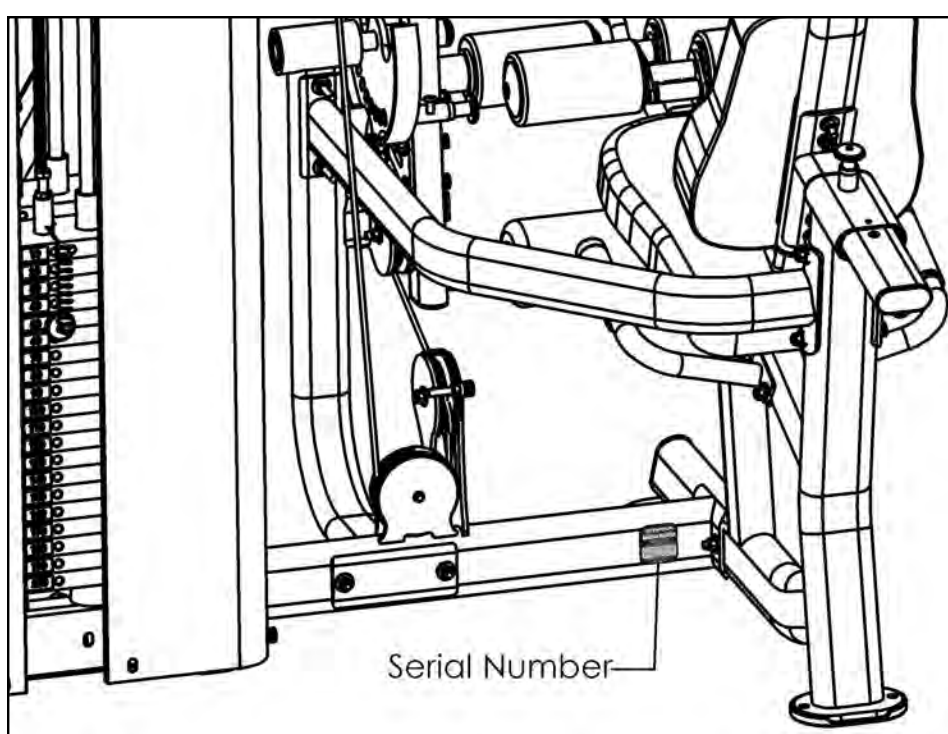
- Each Cable with a threaded bolt on either end **must be threaded at least $1/2"$** into its attachment, whether it be a Free Floater, Lockout Free Floater, or the Top Plate of the weight stack. Each must also be secured with a $1/2"$ Jam Nut to ensure a safe and proper connection.



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

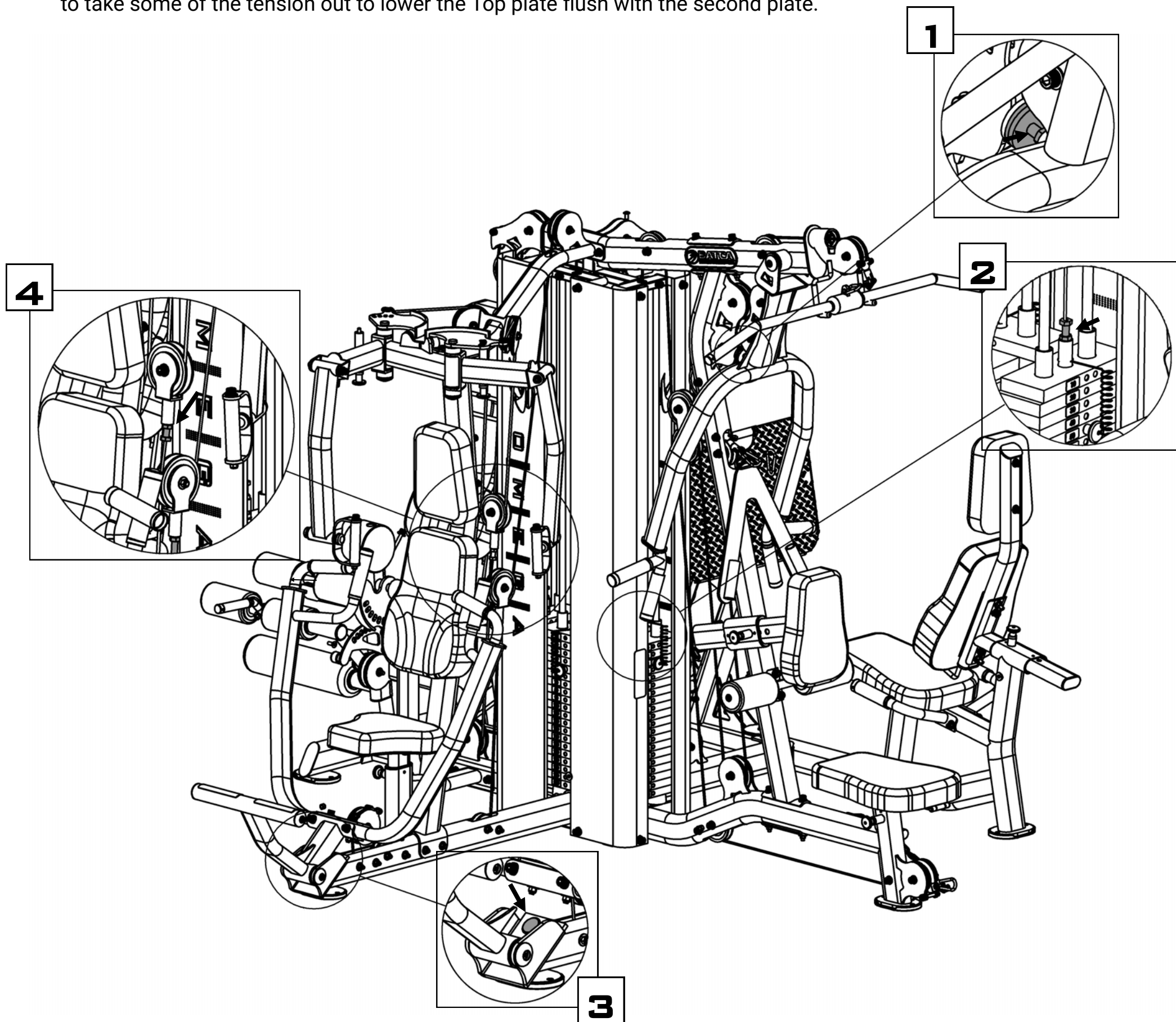
- Clean guide rods with a lint-free cloth and apply a thin layer of silicone lubricant (Part # BFH-50262) to each guide rod. This will ensure a glass smooth performance from your weight stack.

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.

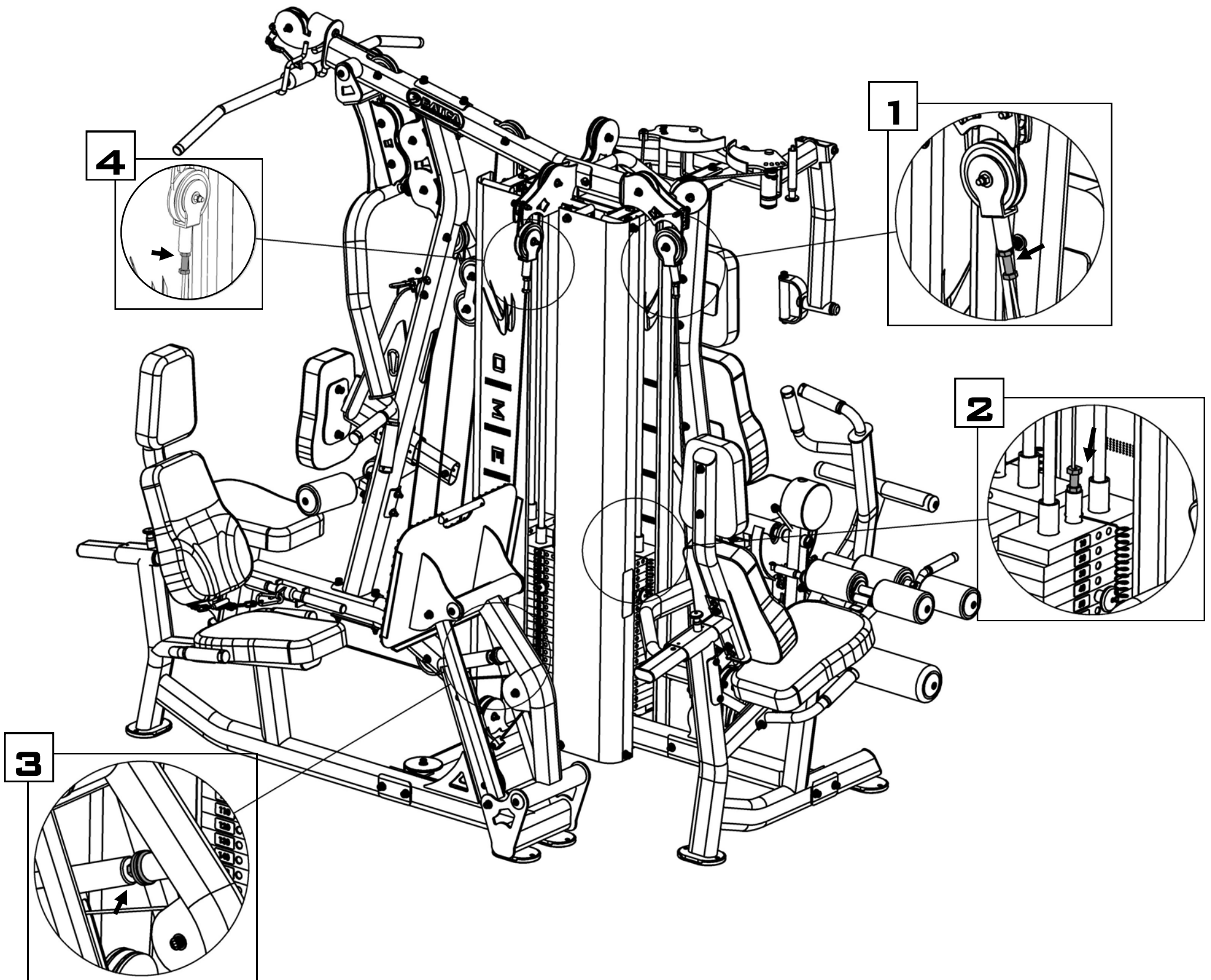


Cable Adjustments

- **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	Commercial	Home	Commercial	Home	Commercial	Home	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.

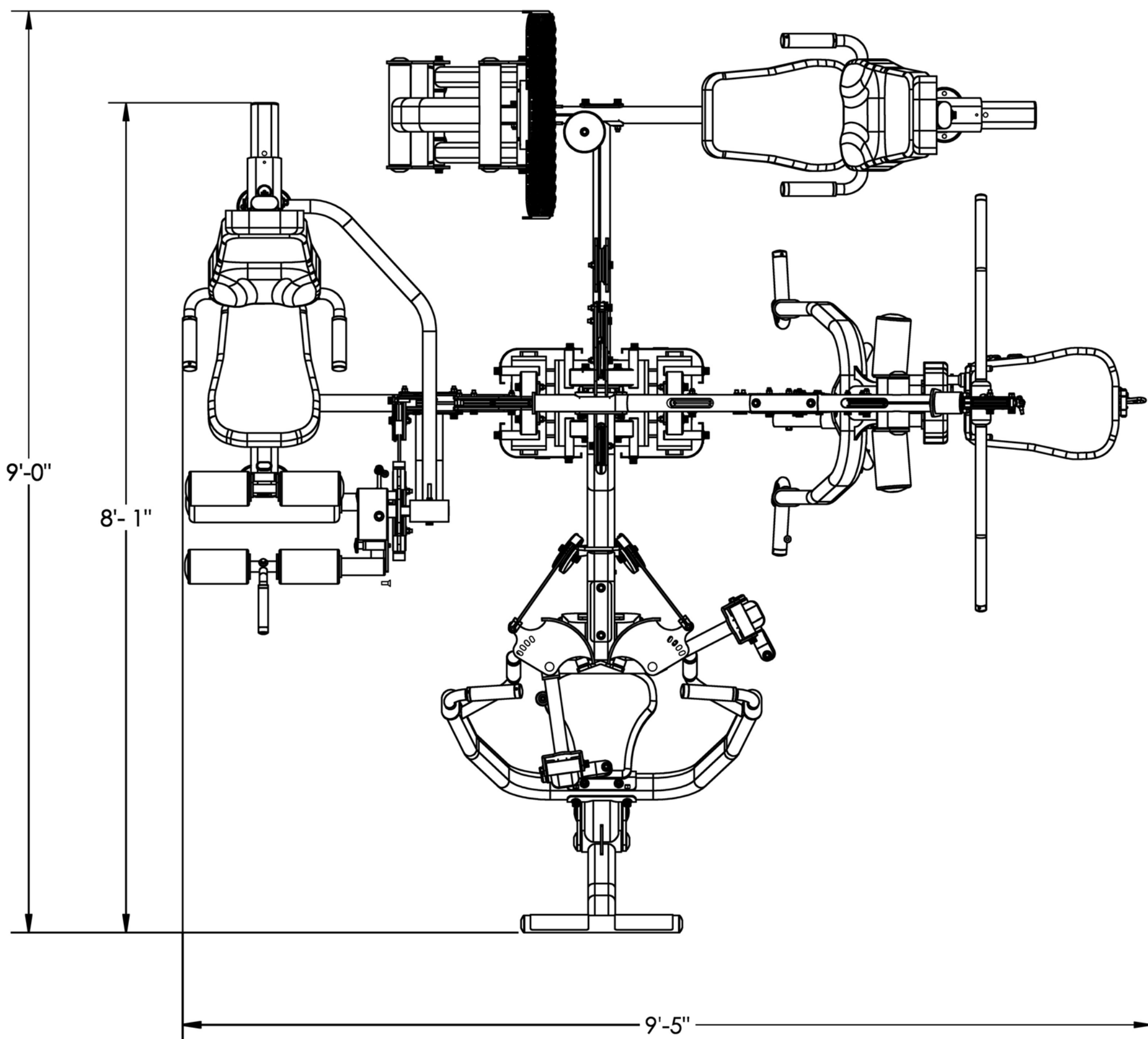
Batca Fitness Systems
1207 N. New Hope Road
Raleigh, NC 27610
(919) 255-1233

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.