Revision 6

September 2008



C-9 Multi-Hip

Owner's Manual



Record Serial Number Here

Date of Purchase

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

Instructions

Congratulations on the purchase of your new Batca C-9. This gym will provide you with a lifetime of enjoyment to meet your strength training needs. Batca Fitness Systems strives to build the best quality gyms and to package these gyms in such a way to avoid any damage during shipping.

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

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

Warning

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

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

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

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

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Frame Components

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	BFM-10337	Multi Hip Base	1
2	BFM-10336	Multi Hip Pole	1
4	BFM-50489	Chrome Tube (with holes)	1
5	BFM-50495	Chrome Tube (no holes)	1
6	BFM-10338	Foot Plate Adjustment	1
7	BFM-10442	Multi-Hip Cam	1
8	BFM-10339	Pivot Roller	1
9	BFM-10332	Pivot Arm	1
10	BFM-51382	Counter Weight	1
11	BFM-10341	Left Arm	1
12	BFM-10340	Right Arm	1
13	BFM-10375	Short Cage	1
15	BFM-50527	Guide Rod	2
16	BFM-10430	10lb Weight Plate	19
17	BFM-10413	3/4" 10lb Top Plate	1
18	BFM-50615	Guide Rod Plate	1
20	BFM-50562	Anti-Deflection Plate	2
21	BFM-10376	Anti-Tip	2
22	BFM-50563	Foot Plate	1
24	BFM-10441	Pulley Holder	1
25	BFM-50126	Anti-Deflection Plate	1
26	BFM-50531	Shroud	1
61	BFM-50524	Double Pulley Cover	1

Cables

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
53	CAB-13007	Wt. Stack to Cam Cable	1

Tools Required

- 9/16" Wrench
- 3/4" Wrench
- 9/16" Ratchet
- Allen Wrench Set
- Tape Measure

Accessories

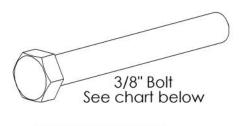
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
29	BFM-51173	Magnetic Weight Stack Pin	1

Upholstery

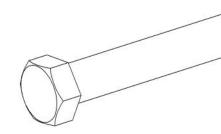
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
23	BFU-10140	10" Upholstery Roller	1

Hardware

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
3	BFH-50172	Pillow Block Bearing	2
14	BFM-50529	Rubber Donut	2
19	BFH-50255	Rubber Foot	6
27	BFH-50174	4 1/2" Pulley	5
28	BFH-50530	5" Pulley	1
30	BFH-50220	Threaded Collar	2
31	BFH-50620	BHSCS 3/8" x 1"	1
32	BFM-50622	Roller End Cap	1
33	BFH-50146	3/8" Flat Washer (Black)	55
38	BFH-50201	1/2" Pulley Spacer	6
39	BFH-50147	3/8" Lock Washer (Black)	6
40	BFH-50157	3/8"-16 Nylock (Black)	31
41	BFH-50125	HCS 3/8"-16 X 3" P5	6
42	BFH-50124	HCS 3/8"-16 X 2 3/4" P5	3
43	BFH-50126	HCS 3/8"-16 X 3 1/4" P5	4
44	BFH-50130	HCS 3/8"-16 X 4 1/4" P5	4
45	BFH-50127	HCS 3/8"-16 X 3 1/2" P5	2
46	BFH-50122	HCS 3/8"-16 X 2 1/4" P5	1
47	BFH-50121	HCS 3/8"-16 X 2" P5	2
48	BFH-50276	HCS 3/8"-16 X 5 3/4" P5	2
49	BFH-50118	HCS 3/8"-16 X 1" P5	2
50	BFH-50254	HCS 3/8-16 X 3/4 P5	4
51	BFH-50120	HCS 3/8"-16 1 1/2" P5	4
52	BFH-50315	FHSCS 3/8"-16 X 3"	3
54	BFH-50250	1 1/4" Shoulder Bolt	1
55	BFH-50267	5/16"-18 Nylock (Black)	1
60	BFH-50151	5/16" Flat Washer (Zinc)	4
61	BFH-50207	1" Grip Cap	2
62	BFH-50145	FHSCS 3/8" x 2 1/4"	2
	BFH-50262	Silicone Gel Pack	2



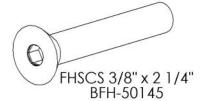
Part#	Size
BFH-50254	3/8" x 3/4"
BFH-50118	3/8" x 1"
BFH-50119	3/8" x 1 1/4"
BFH-50120	3/8" x 1 1/2"
BFH-50285	3/8" x 1 3/4"
BFH-50121	3/8" x 2"
BFH-50122	3/8" x 2 1/4"
BFH-50123	3/8" x 2 1/2"
BFH-50124	3/8" x 2 3/4"
BFH-50125	3/8" x 3"
BFH-50126	3/8" x 3 1/4"
BFH-50127	3/8" x 3 /12"
BFH-50128	3/8" x 3 3/4"
BFH-50129	3/8" x 4"
BFH-50130	3/8" x 4 1/4"
BFH-50131	3/8" x 4 1/2"
BFH-50274	3/8" x 4 3/4"
BFH-50279	3/8" x 5"
BFH-50270	3/8" x 5 1/4"
BFH-50132	3/8" x 5 1/2"
BFH-50133	3/8" x 6 1/2"
BFH-50298	3/8" x 8 3/4"
BFH-50134	3/8" x 9"

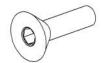


1/2" Bolt See chart below.

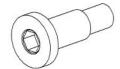
Part #	Size
BFH-50135	1/2" x 2 3/4"
BFH-50136	
BFH-50137	1/2" x 3 1/4"
BFH-50138	1/2" x 3 1/2"
BFH-50139	1/2" x 4 1/4"
BFH-50140	1/2" x 4 1/2"
BFH-50141	1/2" x 5 1/2"







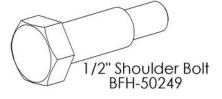
FHSCS 5/16" x 1" BFH-50245



1 1/4" Shoulder Bolt BFH-50250



BHSCS 3/8" X 1" BFH-50620





1/2" Nylock BFH-50155



3/8" Nylock BFH-50157



3/8" Thin Nylock BFH-50247



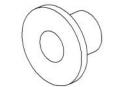
5/16" Nylock BFH-50267



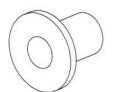
1/2" Jam Nut BFH-50256



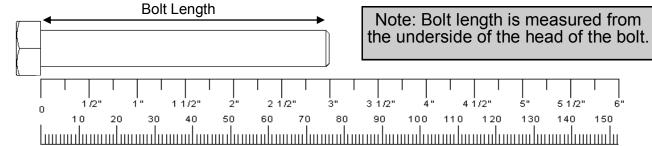
3/8" Jam Nut BFH-50149

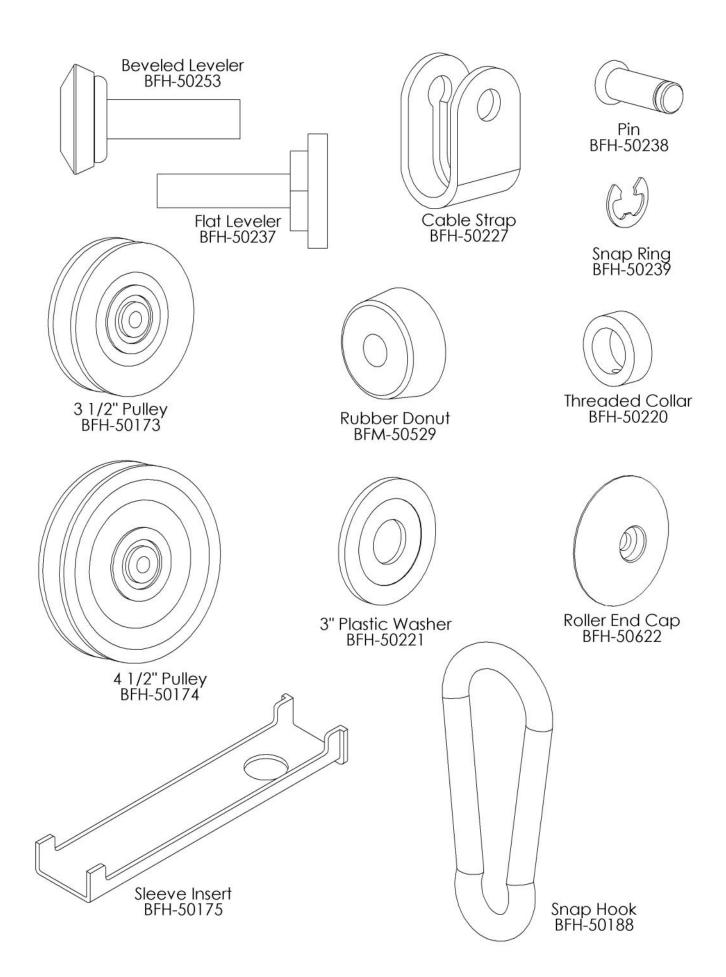


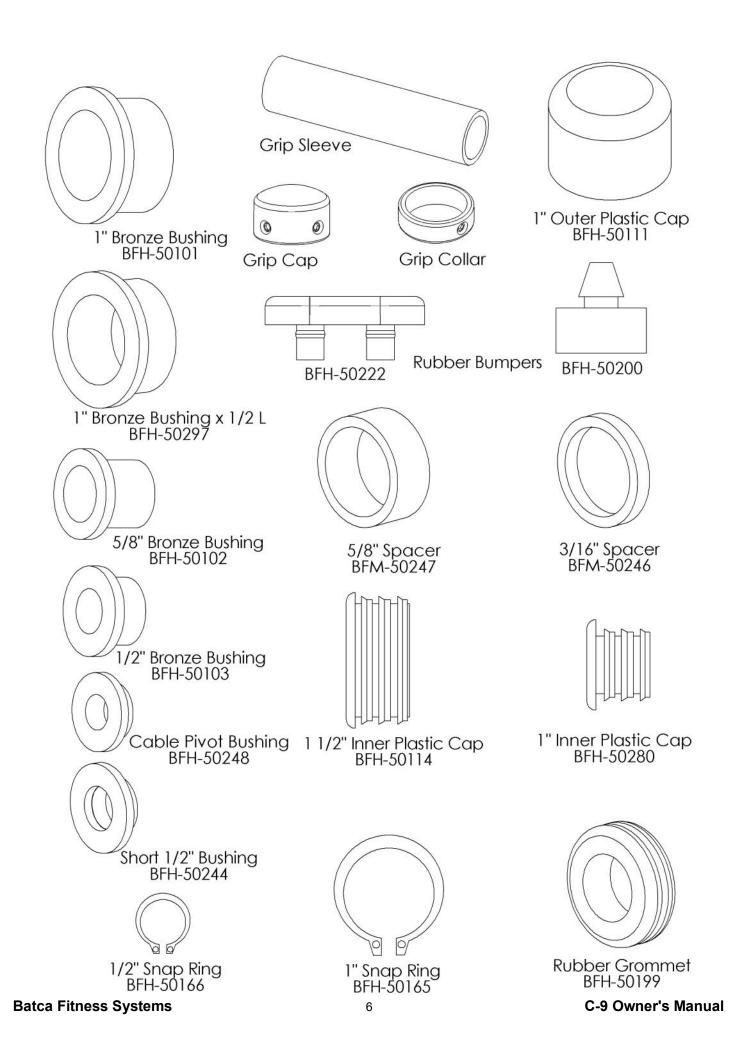
1/2" Pulley Spacer BFH-50201

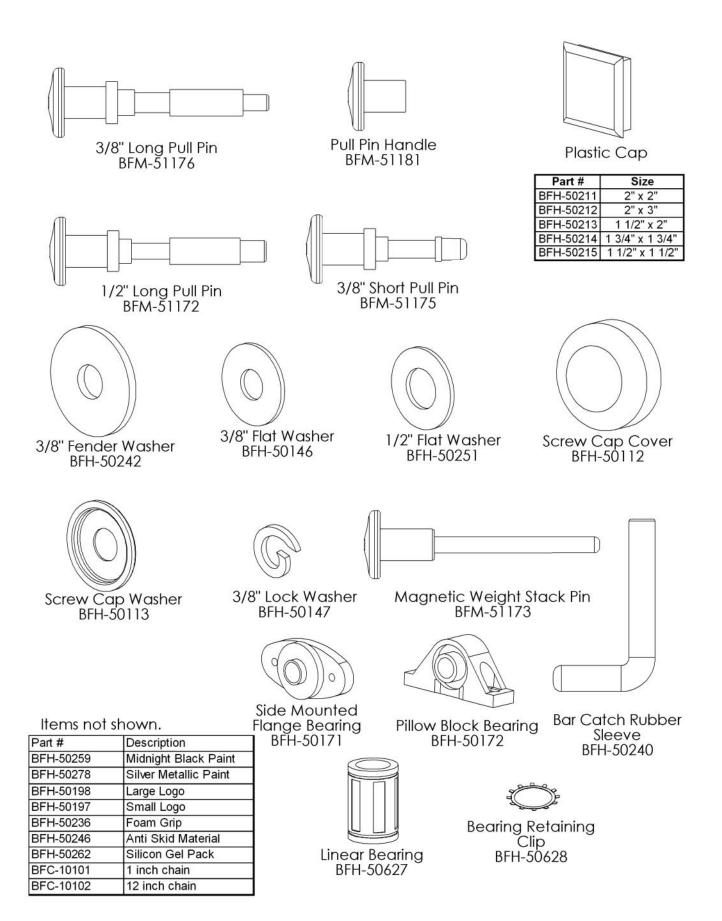


3/4" Pulley Spacer BFH-50202











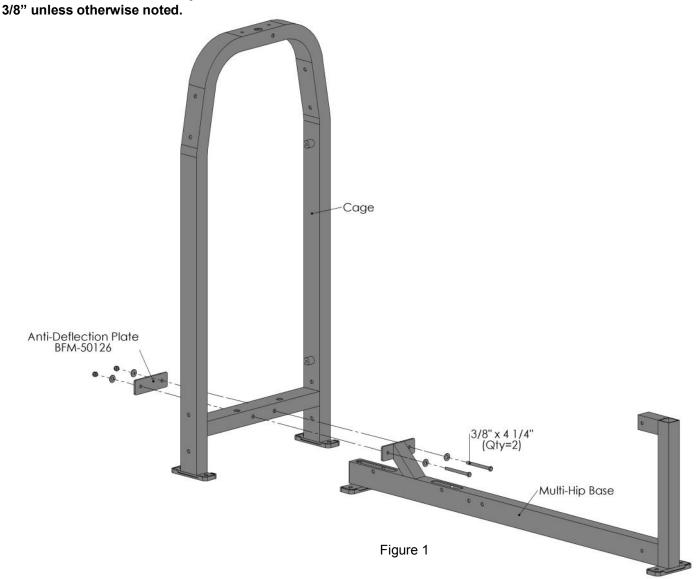
PLEASE FOLLOW ALL DIRECTIONS VERY CAREFULLY FOR PROPER INSTALLATION.

Step 1:



Note: For a more consistent appearance, position all bolts in the direction shown in each figure.

All Flat Washers and Nylocks are



Item #	Part #	Description	Qty
1	BFM-10337	Multi-Hip Base	1
13	BFM-10375	Short Cage	1
19	BFH-50255	Rubber Foot	4
25	BFM-50126	Anti-Deflection Plate	1
33	BFH-50146	3/8" Flat Washer (Black)	4
40	BFH-50157	3/8"-16 Nylock (Black)	2
44	BFH-50130	HCS 3/8"-16 x 4 1/4" P5	2

Step 2:

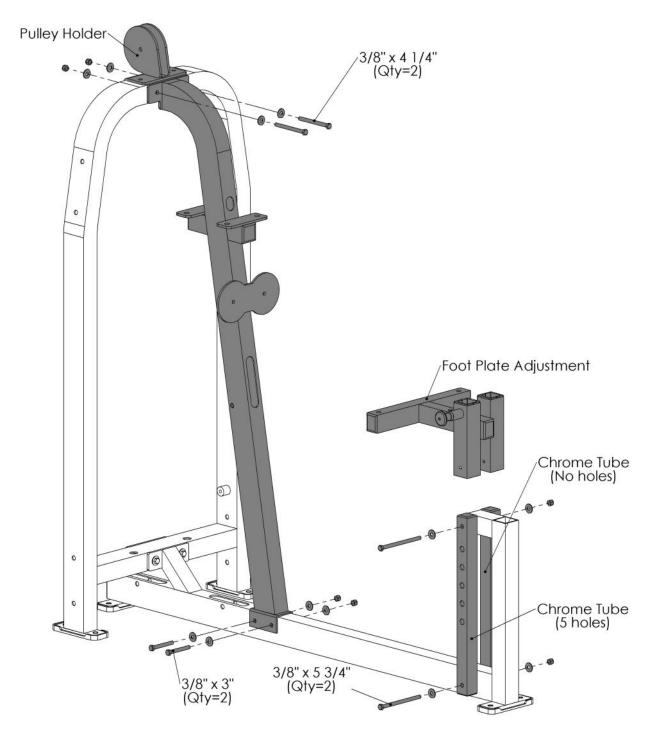
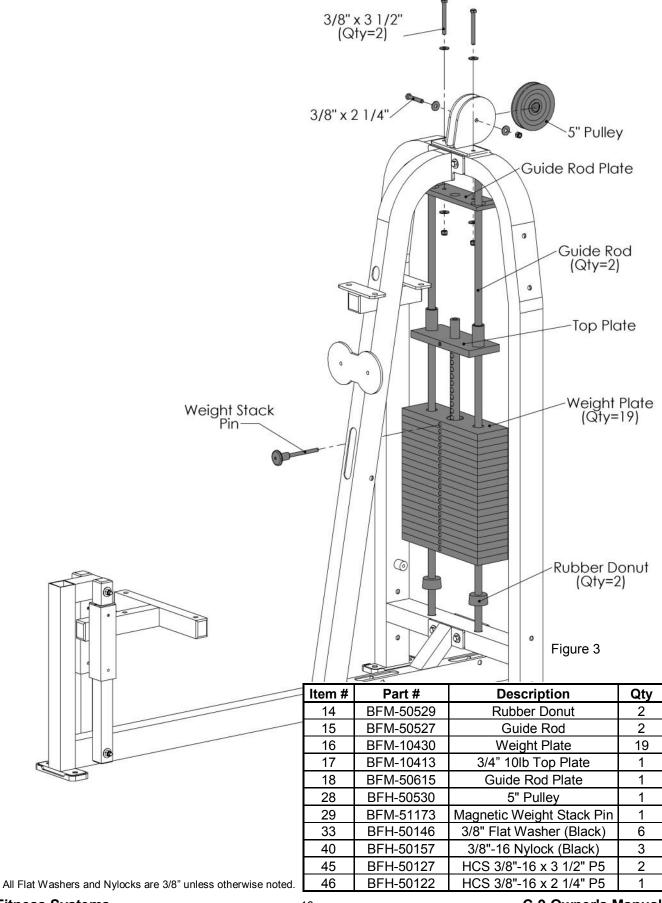


Figure 2

Item #	Part #	Description	Qty
2	BFM-10336	Multi-Hip Pole	1
4	BFM-50489	Chrome Tube (with holes)	1
5	BFM-50495	Chrome Tube (no holes)	1
6	BFM-10338	Foot Plate Adjustment	1
24	BFM-10441	Pulley Holder	1
33	BFH-50146	3/8" Flat Washer (Black)	12
40	BFH-50157	3/8"-16 Nylock (Black)	6
41	BFH-50125	HCS 3/8"-16 x 3" P5	2
44	BFH-50130	HCS 3/8"-16 x 4 1/4" P5	2
48	BFH-50276	HCS 3/8"-16 x 5 3/4" P5	2

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

Step 3:



Step 4:



Note: It is very important that the inside face of the Multi-Hip Cam (the side facing to the left) is 5/16" away from the face of the pulley holder plate on the Pole, as shown in Figure 4A below.

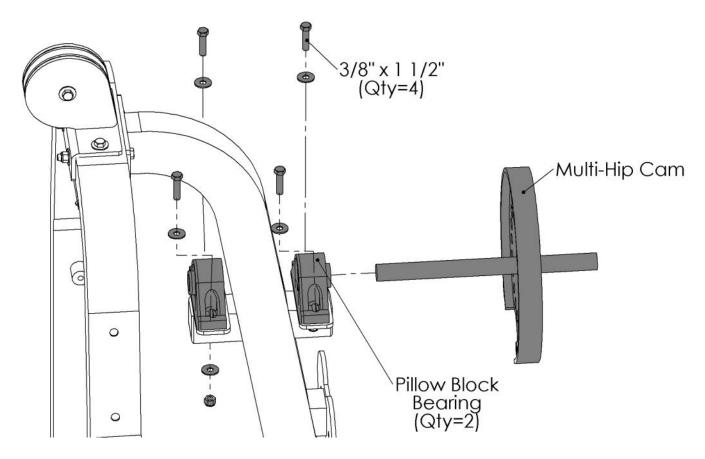
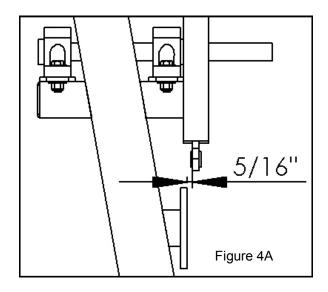


Figure 4



Item #	Part #	Description	Qty
3	BFH-50172	Pillow Block Bearing	2
7	BFM-10442	Multi-Hip Cam	1
33	BFH-50146	3/8" Flat Washer (Black)	4
40	BFH-50157	3/8"-16 Nylock (Black)	4
51	BFH-50120	HCS 3/8"-16 x 1 1/2" P5	4
60	BFH-50151	5/16" Flat Washer (Zinc)	4

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

Step 5:

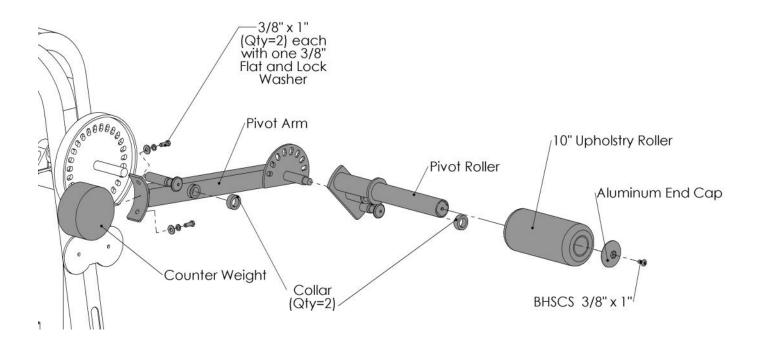


Figure 5

Note: All bolts in this step receive one 3/8" Flat Washer and one 3/8" Lock Washer instead of one 3/8" Nylock.

Item #	Part #	Description	Qty
8	BFM-10339	Pivot Roller	1
9	BFM-10332	Pivot Arm	1
10	BFM-51382	Counter Weight	1
23	BFU-10140	10" Upholstery Roller	1
30	BFH-50220	Threaded Collar	2
31	BFH-50620	BHSCS 3/8" x 1"	1
32	BFH-50622	Roller End Cap	1
33	BFH-50146	3/8" Flat Washer (Black)	2
39	BFH-50147	3/8" Lock Washer (Black)	2
49	BFH-50118	HCS 3/8"-16 x 1" P5	2

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

Step 6:

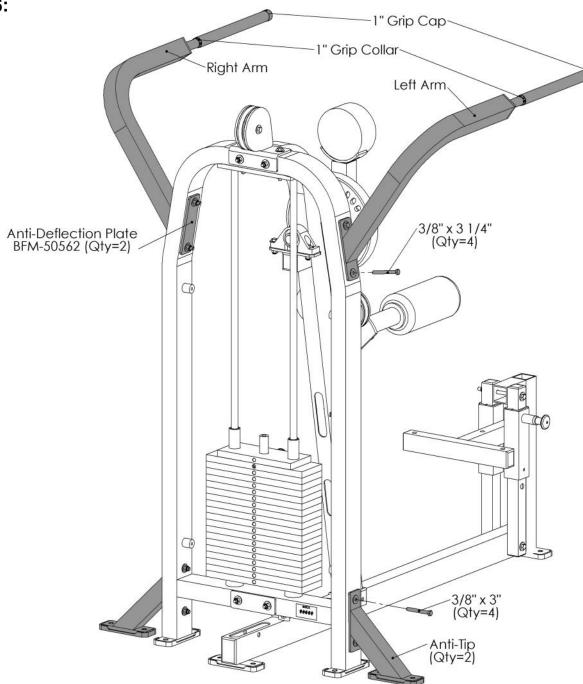
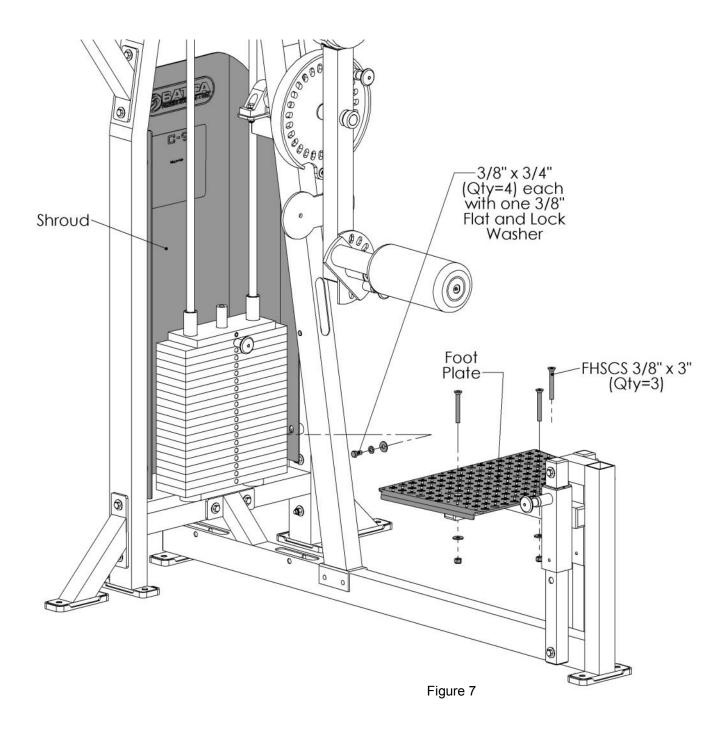


Figure 6

Item #	Part #	Description	Qty
11	BFM-10341	Left Arm	1
12	BFM-10340	Right Arm	1
19	BFH-50255	Rubber Foot	2
20	BFM-50562	Anti-Deflection Plate	2
21	BFM-10376	Anti-Tip	2
33	BFH-50146	3/8" Flat Washer (Black)	16
40	BFH-50157	3/8"-16 Nylock (Black)	8
41	BFH-50125	HCS 3/8"-16 x 3" P5	4
43	BFH-50126	HCS 3/8"-16 x 3 1/4" P5	4
61	BFH-50207	1" Grip Cap	2

Step 7:



Item #	Part #	Description	Qty
22	BFM-50563	Foot Plate	1
26	BFM-50531	Shroud	1
33	BFH-50146	3/8" Flat Washer (Black)	7
39	BFH-50147	3/8" Lock Washer (Black)	4
40	BFH-50157	3/8"-16 Nylock (Black)	3
50	BFH-50254	HCS 3/8"-16 x 3/4" P5	4
52	BFH-50315	FHSCS 3/8"-16 x 3"	3

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



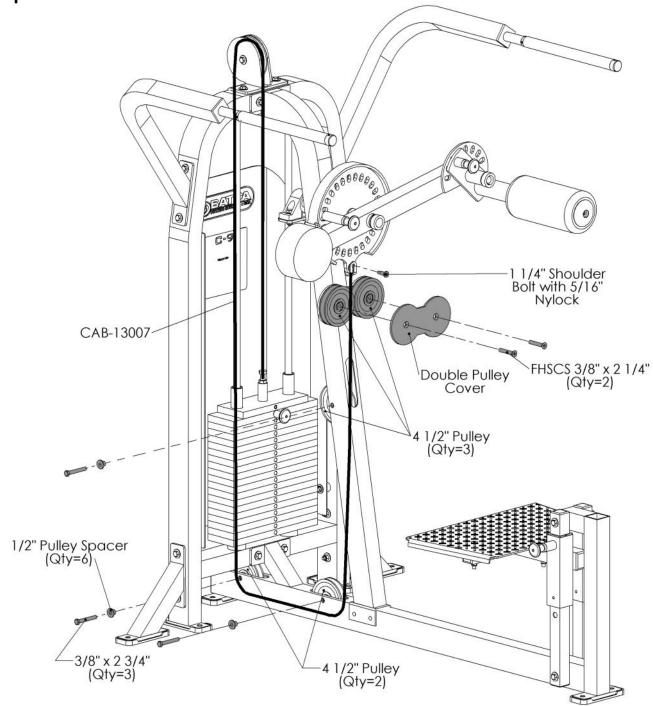
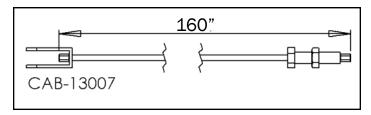


Figure 8

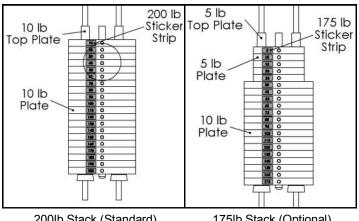


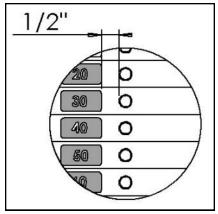
All Flat Washers and Nylocks are 3/8" unless otherwise noted.

Item #	Part #	Description	Qty
27	BFH-50174	4 1/2" Pulley	5
33	BFH-50146	3/8" Flat Washer (Black)	2
38	BFH-50201	1/2" Pulley Spacer	6
40	BFH-50157	3/8"-16 Nylock (Black)	4
42	BFH-50124	HCS 3/8"-16 x 2 3/4" P5	3
53	CAB-13007	Wt. Stack to Cam Cable	1
54	BFH-50250	1 1/4" Shoulder Bolt	1
55	BFH-50267	5/16"-18 Nylock (Black)	1
61	BFM-50524	Double Pulley Cover	1
62	BFH-50145	FHSCS 3/8" x 2 1/4"	2

Final Assembly and Troubleshooting

Weight Stack Decals:

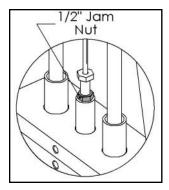




200lb Stack (Standard)

175lb Stack (Optional)

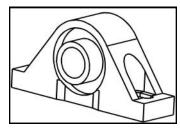
IMPORTANT - Check These Components Before Using Gym:



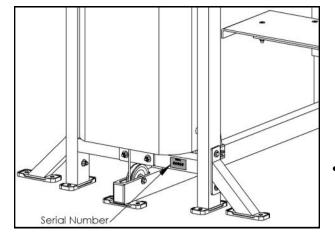
Top Plate

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.

> Wrench Tighten the two set screws on all Pillow Block Bearings with an Allen Wrench.



Pillow Block Bearing BFH-50172



Record your serial number on the front of this manual and keep for your records. The serial number can be found on the side of the cage as seen in the figure to the left.

Guide Rod Lubrication:

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

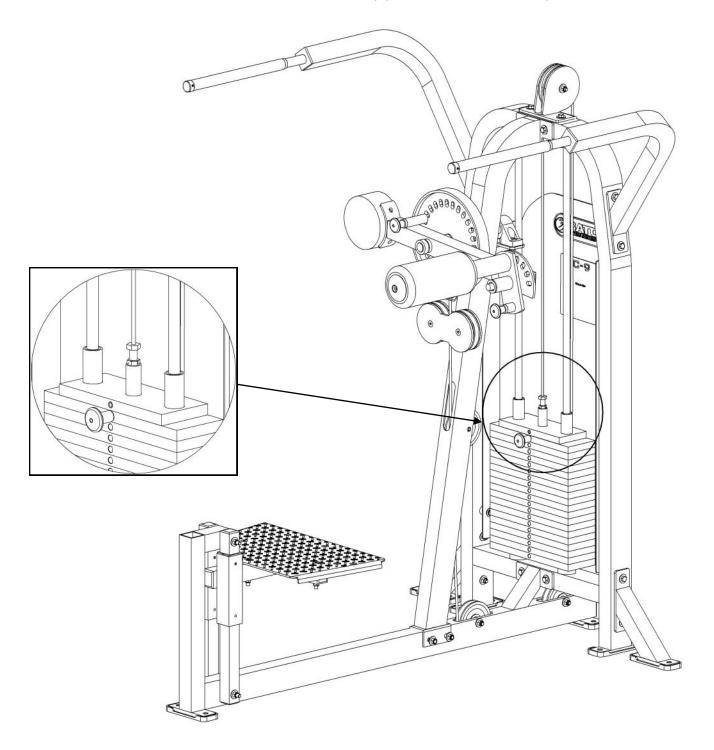
Cable Adjustments

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.



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. Each pillow block bearing and flange bearing has a grease fittings that must be lubricated regularly. Use general purpose bearing grease and follow the schedule below.

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

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

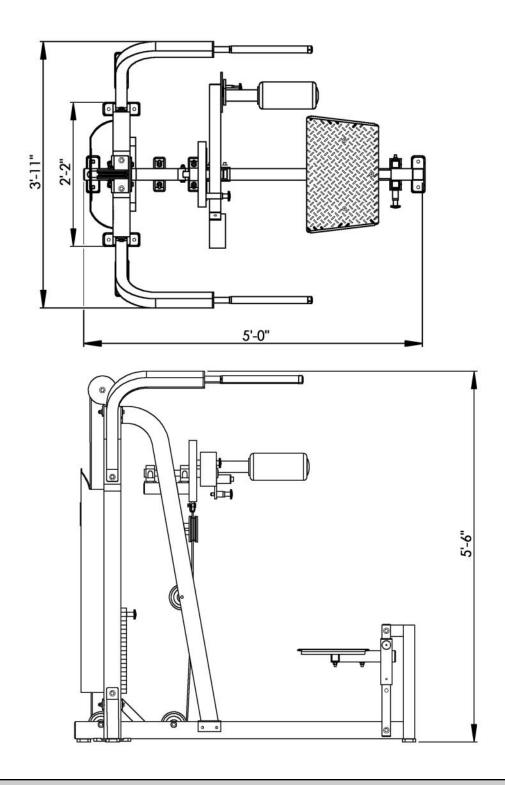
The purchaser is responsible for shipping the defective part back to the factory. Repair or replacement is the exclusive and sole remedy of the purchaser. Labor charges associated with parts changeovers are not covered by this warranty. Proof of purchase, serial number, model number and date of purchase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



Layout Diagram

The C-9 has a layout dimension of 3'-11" (width) x 5'-0" (length) x 5'-6" (height). There should be a minimum of 18", preferably 24", of working space around the entire unit.