NOTE: Please read all instructions carefully before using this product

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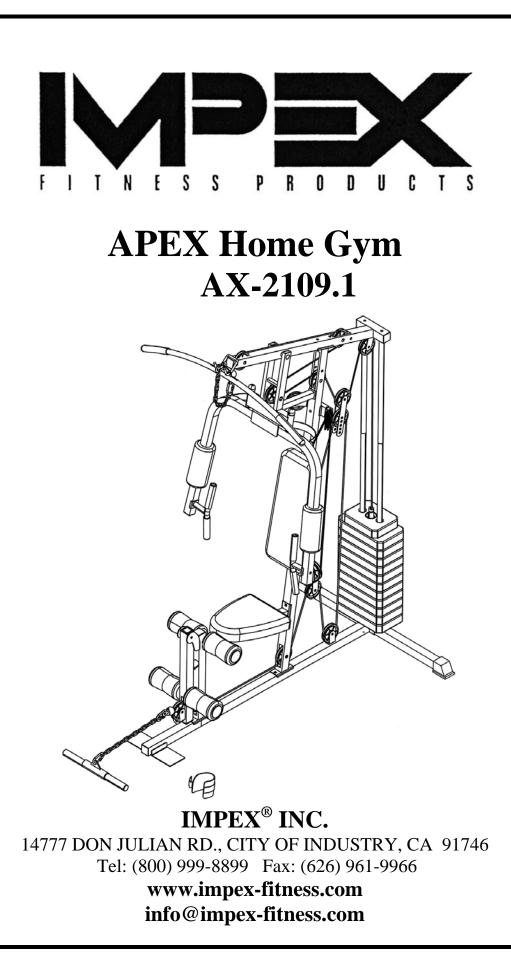
Ordering Parts

Model AX-2109.1

Retain This Manual for Reference

100506

OWNER'S MANUAL



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# **BEFORE YOU BEGIN**

Thank you for selecting the APEX AX-2109.1 HOME GYM by IMPEX<sup>®</sup> FITNESS PRODUCTS. For your safety and benefit, read this manual carefully before using the machine. As a manufacturer, we are committed to provide you complete customer satisfaction. If you have any questions, or find there are missing or damaged parts, we guarantee you complete satisfaction through direct assistance from our factory. To avoid unnecessary delays, *please call our TOLL-FREE customer service number*. Our Customer Service Agents will provide immediate assistance to you.

# Toll-Free Customer Service Number 1-800-999-8899 Mon. – Fri. 9 a.m. – 5 p.m. PST www.impex-fitness.com info@impex-fitness.com

# **IMPORTANT SAFETY NOTICE**

### **PRECAUTIONS**

This exercise machine is built for optimum safety. However, certain precautions apply whenever you operate a piece of exercise equipment. Be sure to read the entire manual before you assemble or operate your machine. In particular, note the following safety precautions:

- 1. Keep children and pets away from the machine at all times. DO NOT leave children unattended in the same room with the machine.
- 2. Only one person at a time should use the machine.
- 3. If the user experiences dizziness, nausea, chest pain, or any other abnormal symptoms, STOP the workout at once. CONSULT A PHYSICIAN IMMEDIATELY.
- 4. Position the machine on a clear, leveled surface. DO NOT use the machine near water or outdoors.
- 5. Keep hands and feet away from all moving parts.
- 6. Always wear appropriate workout clothing when exercising. DO NOT wear robes or other clothing that could become caught in the machine. Running or aerobic shoes are also required when using the machine.
- 7. Use the machine only for its intended use as described in this manual. DO NOT use attachments not recommended by the manufacturer.
- 8. Do not place any sharp object around the machine.
- 9. Disabled person should not use the machine without a qualified person or physician in attendance.
- 10. Before using the machine to exercise, always do stretching exercises to properly warm up.
- 11. Never operate the machine if the machine is not functioning properly.
- 12. A spotter is recommended during exercise.
- 13. Do not intend to insert weight selector pin while the weight stack or top plate is in elevated position.
- 14. Be certain the weight Selector Pin is completely inserted.
- 15. Never use dumbbells or other means to increase the weight resistance. Use only weight plates provided by manufacturer.
- 16. This machine is designed and intended for home and consumer use only, not for commercial use.

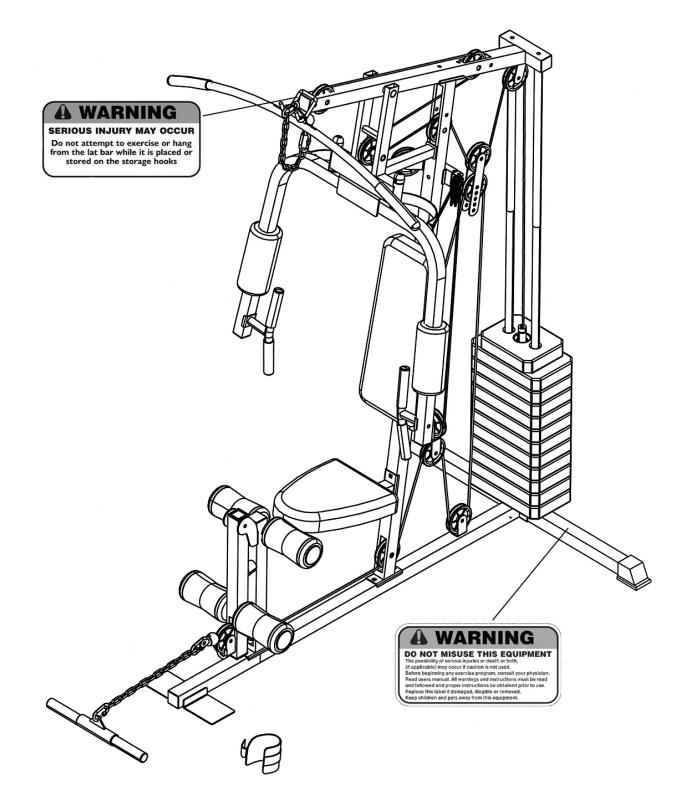
## CARE AND MAINTENANCE

- 1. Lubricate moving parts with WD-40 or light oil periodically.
- 2. Inspect and tighten all parts before using the machine.
- 3. Immediately replace worn or damaged parts obtained from the manufacturer.
- 4. The machine can be cleaned using a damp cloth and mild non-abrasive detergent. DO NOT use solvents.
- 5. Maximum user's weight: 300 lbs. (135 kg.)
- 6. Assembled Dimensions: 62" x 41" x 81" (157.5x104x205.75 cm)

WARNING: BEFORE BEGINNING ANY EXERCISE PROGRAM, CONSULT YOUR PHYSICIAN. THIS IS ESPECIALLY IMPORTANT FOR INDIVIDUALS OVER THE AGE OF 35 OR PERSONS WITH PRE-EXISTING HEALTH PROBLEMS. READ ALL INSTRUCTIONS BEFORE USING ANY FITNESS EQUIPMENT. IMPEX INC. ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE SUSTAINED BY OR THROUGH THE USE OF THIS PRODUCT.

SAVE THESE INSTRUCTIONS.

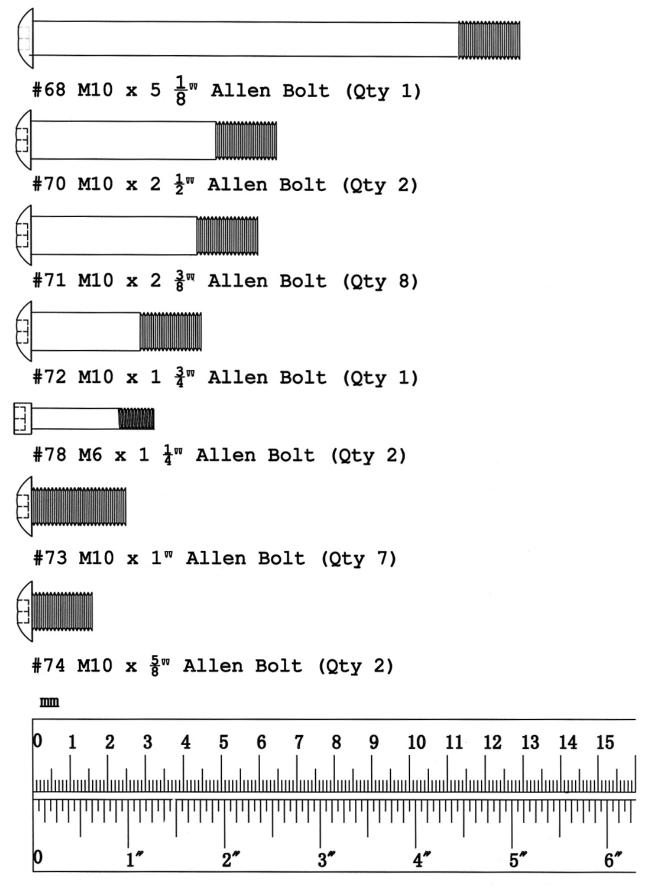
## WARNING LABEL PLACEMENT



The warning labels shown here have been placed on the Rear Base and Upper Frame. If the labels are missing or illegible, please call customer service at 1-800-888-8899 for replacements. Apply the labels in the location shown.

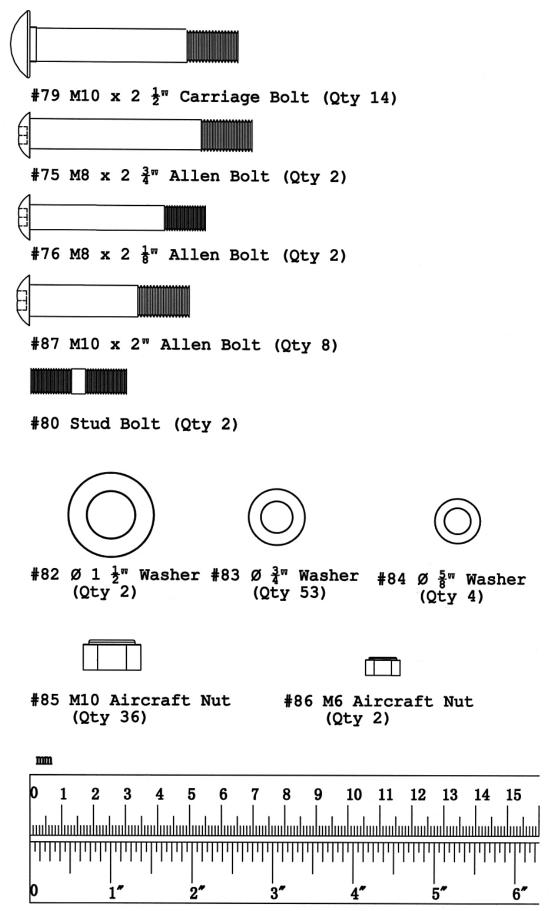
# HARDWARE PACK

NOTE: The following parts are not drawn to scale. Please use your own ruler to measure the size.



# HARDWARE PACK

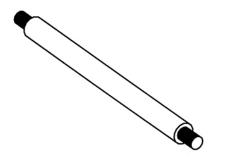
NOTE: The following parts are not drawn to scale. Please use your own ruler to measure the size.





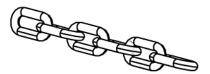


#50 Pulley Bushing (Qty 10) #47 Leg Developer Axle (Qty 1)



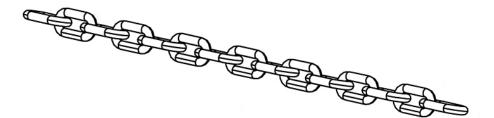


#46 Long Axle (Qty 1) #41 Lock Ring (Qty 2)





#49 6-Link Chain (Qty 1) #53 C-clip (Qty 4)



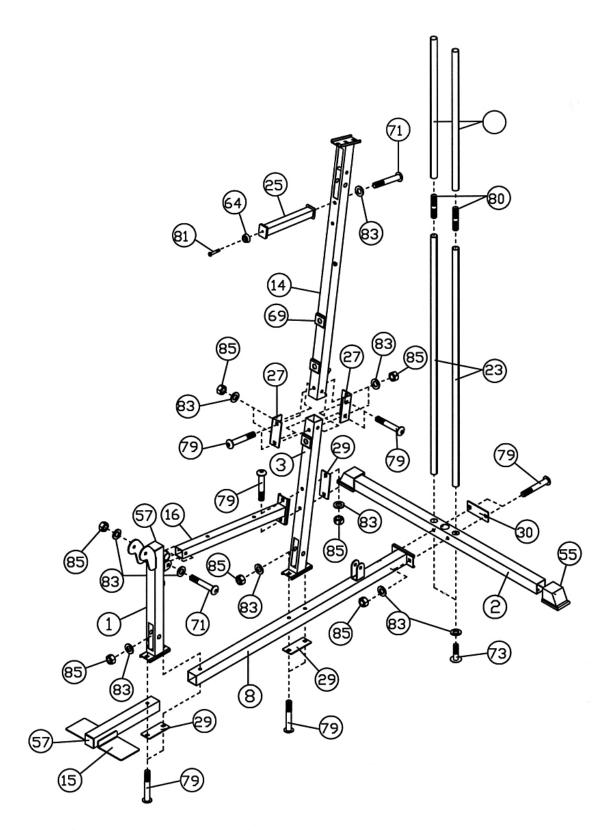
#48 15-Link Chain (Qty 1)

# ASSEMBLY INSTRUCTION

Tools Required for Assembling the Machine: Two Adjustable Wrenches, two Allen Wrenches, and one Philips Screwdriver. NOTE: It is strongly recommended this machine to be assembled by two or more people to avoid possible injury.

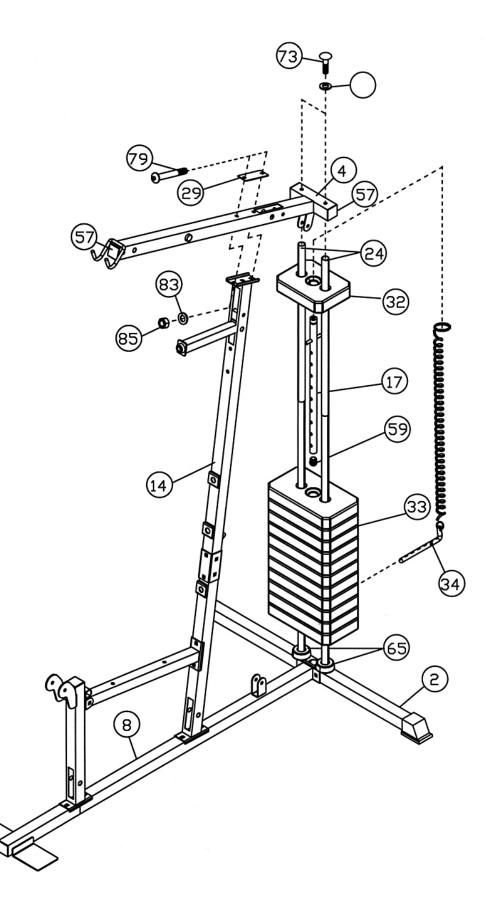
## STEP 1 (See Diagram 1)

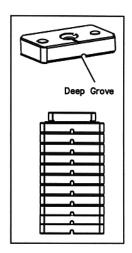
- A.) **NOTE**: Do not tighten all the Nuts and Bolts until instructed to do so.
- B.) Connect two Lower Guide Rods (#23) and two Upper Guide Rods (#24) with two M10 Stud Bolts (#80). Firmly thread the Rods together.
- C.) Insert the Lower Guide Rods (#23) into the holes on the Rear Base Frame (#2). Secure it with two M10 x 1" Allen Bolts (#73) and Ø <sup>3</sup>/<sub>4</sub>" Washers (#83) from the bottom.
- D.) Attach the Main Base Frame (#8) to the Rear Base Frame (#2). Secure it with two M10 x 2 ½" Carriage Bolts (#79), one 4" Bracket (#30), two Ø ¾" Washers (#83), and two M10 Aircraft Nuts (#85).
- E.) Attach the Lower Vertical Frame (#3) onto the Main Base Frame (#8). Secure it with two M10 x 2 ½" Carriage Bolts (#79), one 4 ¾" Bracket (#29), two Ø ¾" Washers (#83), and two M10 Aircraft Nuts (#85).
- F.) Attach the Leg Developer Holder (#1) to the Main Base Frame (#8) and Front Base Plate (#15). Secure them together with two M10 x 2 ½" Carriage Bolts (#79), one 4 ¾" Bracket (#29), two Ø ¾" Washers (#83), and two M10 Aircraft Nuts (#85).
- G.) Attach the Seat Support (#16) to the Leg Developer Holder (#1). Secure it with one M10 x 2 3/8" Allen Bolt (#71), two Ø ¾" Washers (#83), and one M10 Aircraft Nut (#85).
- H.) Attach the Seat Support (#16) to the Lower Vertical Frame (#3). Secure it with two M10 x 2 ½" Carriage Bolts (#79), one 4 ¾" Bracket (#29), two Ø ¾" Washers (#83), and two M10 Aircraft Nuts (#85).
- Attach the Upper Vertical Frame (#14) to the Lower Vertical Frame (#3). Secure them with four M10 x 2 <sup>1</sup>/<sub>2</sub>" Carriage Bolts (#79), two V-shaped Brackets (#27), four Ø <sup>3</sup>/<sub>4</sub>" Washers (#83), and four M10 Aircraft Nuts (#85).
- J.) Attach the Stopper Frame (#25) to the Upper Vertical Frame (#14). Secure it with one M10 x 2 3/8" Allen Bolt (#71) and Ø ¾" Washer (#83).



## STEP 2 (See Diagram 2)

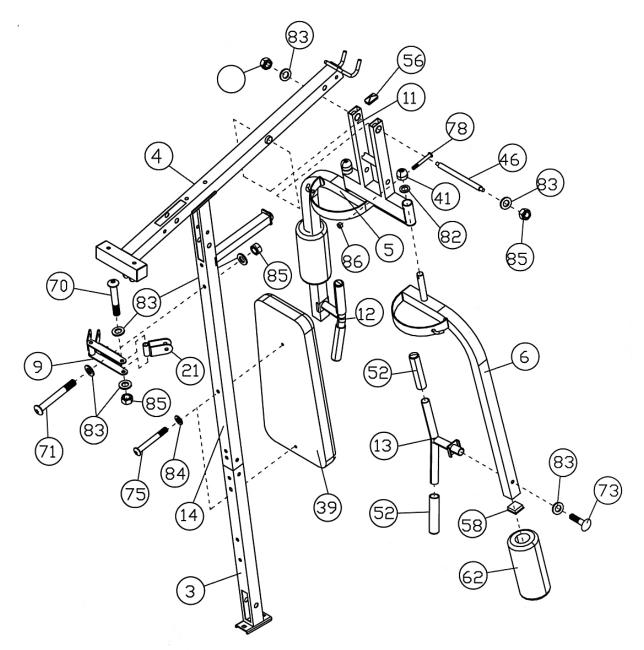
- A.) Slide two Ø2 ½" x 1" Rubber Bumpers (#65) onto the Guide Rods.
- B.) Slide 11 Weight Plates (#33) onto the Guide Rods. Make sure the deep grooves on the Weight Plates are all facing the back of the machine and downward. Insert the Selector Rod (#17) through the center hole on the Weight Plates.
- C.) Slide the Selector Stem (#32) onto the Guide Rods.
- D.) Slide the Ring on the String onto the Selector Rod (#17).
- E.) Attach the Upper Frame (#4) onto the two Guide Rods. Secure it with two M10 x 1" Allen Bolts (#73) and Ø ¾" Washers (#83).
- F.) Place the Upper Frame (#4) onto the Upper Vertical Frame (#14). Secure them with two M10 x 2 ½" Carriage Bolts (#79), one 4 ¾" Bracket (#29), two Ø ¾" Washers (#83), and two M10 Aircraft Nuts (#85).
- G.) Securely tighten all Nuts and Bolts previously installed.
- H.) Use the Weight Selector Pin (#34) to select number of weight plates to exercise. Each weight plate weights approximately 10 lbs. Please refer to the Weight Resistance Chart in page 21.





### STEP 3 (See Diagram 3)

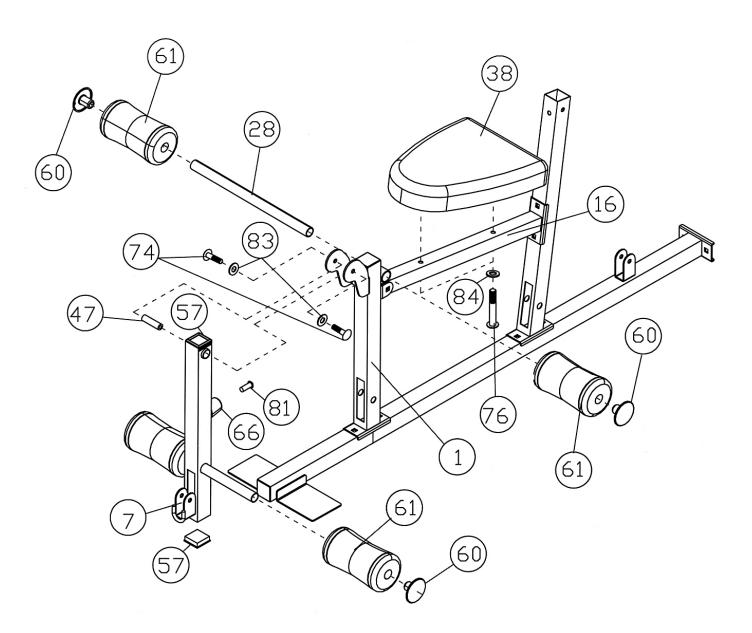
- A.) Attach the Front Press Base (#11) to the Upper Frame (#4). Secure it with one Long Axle (#46), two Ø ¾" Washers (#83), and two M10 Aircraft Nuts (#85).
- B.) Attach the Right Butterfly (#6) to the Front Press Base (#11). Secure it with one Ø 1 ½" Washer (#82), one M6 x 1 ¼" Allen Bolt (#78), Lock Ring (#41), and M6 Aircraft Nut (#86).
- C.) Slide a Butterfly Foam Roll (#62) onto the Right Butterfly arm. Attach the Right Front Press Handle (#13) to the Right Butterfly. Secure it with a M10 x 1" Allen Bolt (#73) and Ø <sup>3</sup>/<sub>4</sub>" Washer (#83).
- D.) Repeat the Steps B&C above to install the Left Butterfly (#5).
- E.) Attach a Butterfly Pulley Bracket (#9) to the Upper Vertical Frame (#14). Secure it with one M10 x 2 3/8" Allen Bolt (#71), two Ø ¾" Washers (#83), and one M10 Aircraft Nut (#85).
- F.) Attach Swivel Pulley Brackets (#21) to each end of the Butterfly Pulley Bracket. Secure each Bracket with one M10 x 2 ½" Allen Bolt (#70), two Ø ¾" Washers (#83), and one M10 Aircraft Nut (#85). Do Not over tighten! Make sure the Brackets are able to swivel freely.
- G.) Attach the Backrest Board (#39) to the Vertical Frame. Secure it with two M8 x 3" Allen Bolts (#75) and Ø 5/8" Washers (#84).



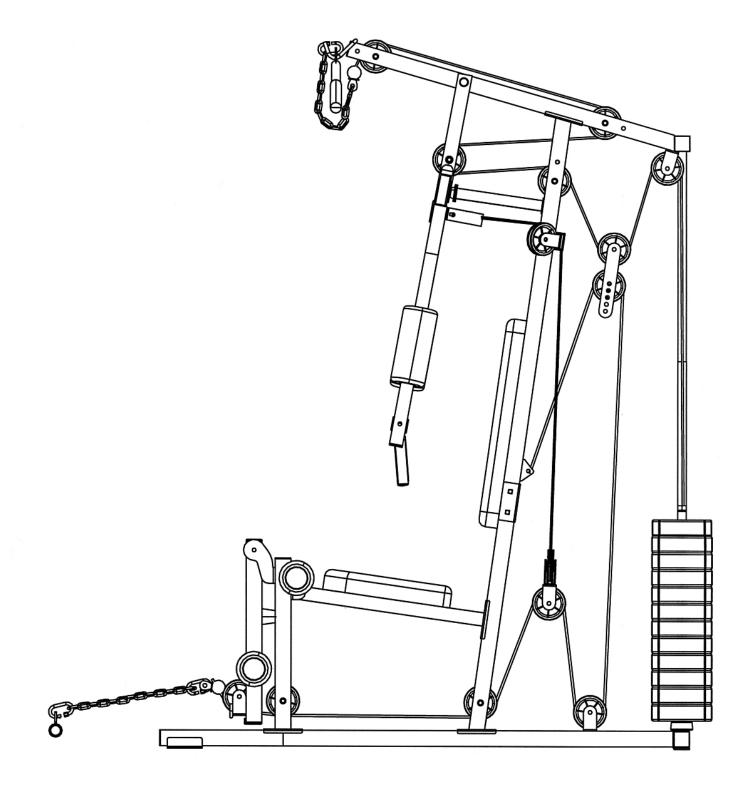
## STEP 4 (See Diagram 4)

- A.) Attach the Leg Developer (#7) to the bracket on the Leg Developer Holder (#1). Secure it with a Leg Developer Axle (#47), two M10 x 5/8" Allen Bolts (#74), and two Ø ¾" Washers (#83).
- B.) Insert two Foam Roll Tubes (#28) halfway through the holes on the Leg Developer and Leg Developer Holder. Push four Foam Rolls (#61) onto the Tubes from both ends. Plug four Foam Roll End Caps (#60) into the ends.
- C.) Place the Seat (#38) onto the Seat Support (#16). Secure it with two M8 x 2 1/8" Allen Bolts (#76) and Ø 5/8" Washers (#84).

## **DIAGRAM 4**



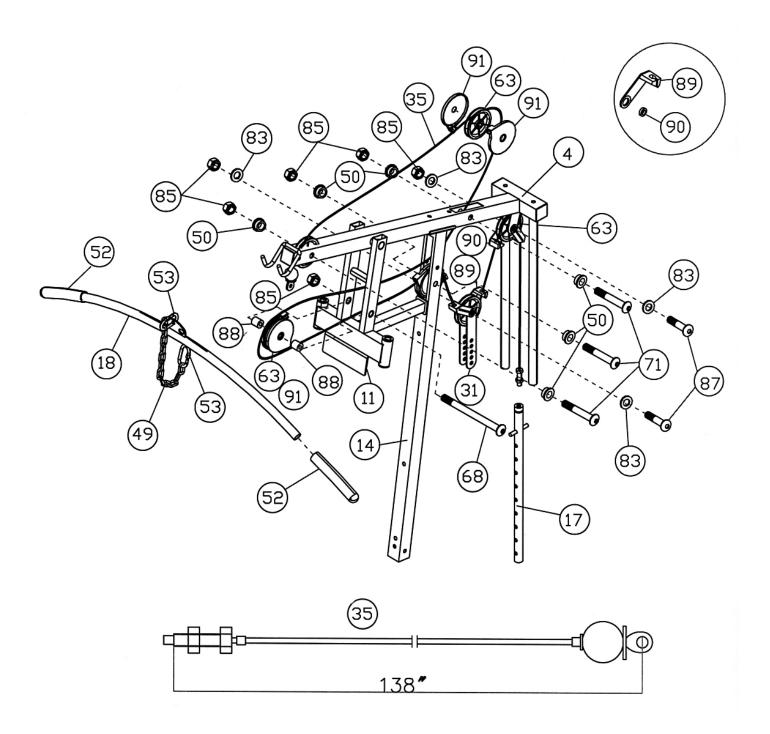
# CABLE LOOP DIAGRAM



## STEP 5 (See Diagram 5 & Cable Loop Diagram)

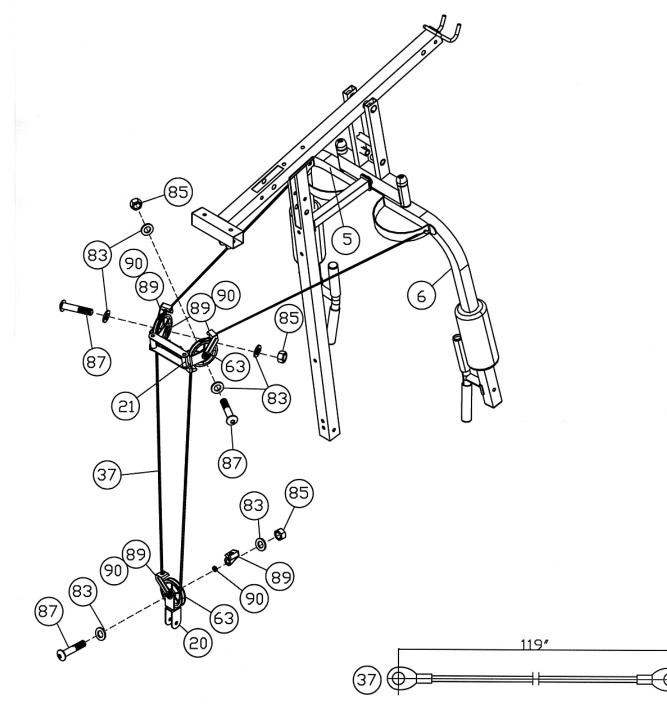
- A.) Attach the 138" Upper Cable (#35) to the opening at the front of the Upper Frame (#4). **Note:** The Ball Stopper on the cable should be underneath the Frame.
- B.) Attach a Pulley (#63) to the opening. Secure it with one M10 x 2 3/8" Allen Bolt (#71), two Pulley Bushings (#50), and one M10 Aircraft Nut (#85).
- C.) Draw the Cable towards the back of the machine to the second opening on the Upper Frame. Repeat Procedure B above to install a second Pulley with two Pulley Covers (#91).
- D.) Draw the Cable around the Pulley then pull back towards the opening on the Front Press Base (#11).
- E.) Attach a Pulley to the opening on the Front Press Base (#11). Secure the Pulley with one M10 x 5 1/8" Allen Bolt (#68), two Pulley Covers (#91), and M10 Aircraft Nut (#85).
- F.) Draw the Cable around the Pulley then to the opening on the Upper Vertical Frame (#14). Repeat Procedure B above to install another Pulley with two Pulley Covers (#91).
- G.) Draw the Cable around the Pulley then downward. Attach the Cable to the upper holes on the two Double Floating Pulley Brackets (#31).
- H.) Attach a Pulley to the Brackets. Secure it with one M10 x 2" Allen Bolt (#87), two Ø ¾" Washers (#83), two Cable Retainers (#89), and one M10 Aircraft Nut (#85).
- I.) Leave the bracket hanging for now.
- J.) Pull the Cable upward to the open bracket underneath the Upper Frame (#4). Repeat H to install a Pulley.
- K.) Pull the Cable downward between the two Guide Rods to the Selector Rod (#17). Fully thread the bolt at the end of the Cable into the top opening on the Selector Rod.
- L.) Connect the Lat Bar (#18) to a Short Chain (#49) with a C-clip (#53). Then connect the Short Chain to the Upper Cable with another C-clip.

# DIAGRAM 5



## STEP 6 (See Diagram 6 & Cable Loop Diagram)

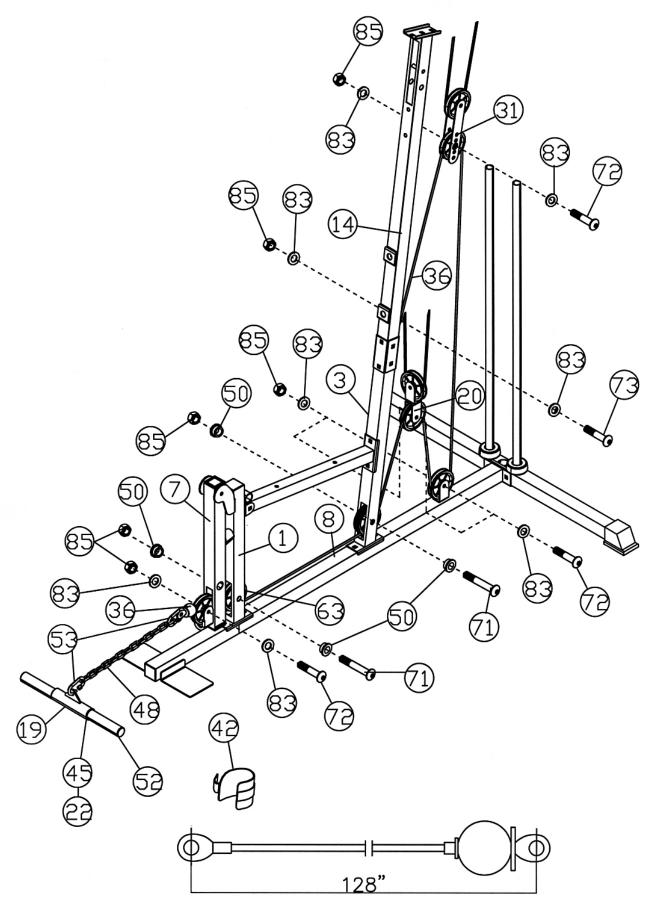
- A.) Attach one end of the 119" Butterfly Cable (#37) to the hook on the Right Butterfly (#6).
- B.) Draw the Cable to the right Swivel Pulley Bracket (#21).
- C.) Attach a Pulley to the bracket. Secure it with one M10 x 2" Allen Bolt (#87), two Cable Retainers (#89), two Ø ¾" Washers (#83), and one M10 Aircraft Nut (#85).
- D.) Draw the Cable around the Pulley then downward. Attach the Cable to a Crossed Double Floating Pulley Bracket (#20). Attach a Pulley to the bracket. Secure it with one M10 x 2" Allen Bolt (#87), two Cable Retainers (#89), two Ø ¾" Washers (#83), and one M10 Aircraft Nut (#85). Leave the Bracket hanging for now.
- E.) Pull the Cable around the Pulley then upward to the left Swivel Pulley Bracket. Repeat Procedure C above to install a Pulley.
- F.) Draw the Cable to the left Butterfly. Attach the end to the hook on the Left Butterfly.



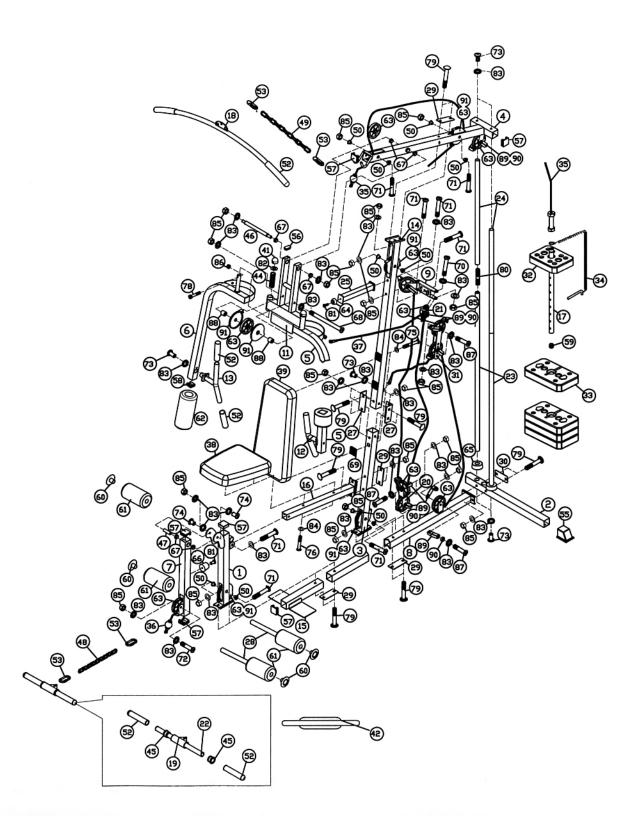
## STEP 7 (See Diagram 7 & Cable Loop Diagram)

- A.) Attach the 128" Lower Cable (#36) to the open bracket on the bottom of the Leg Developer (#7). **Note:** The Ball Stopper on the cable should be in front of the pulley not on top.
- B.) Attach a Pulley to the bracket. Secure it with one M10 x 1 <sup>3</sup>/<sub>4</sub>" Allen Bolt (#72), two Ø <sup>3</sup>/<sub>4</sub>" Washers (#83), and one M10 Aircraft Nut (#85).
- C.) Draw the Cable underneath the Pulley to the opening on the Leg Developer Holder (#1). Attach a Pulley to the opening. Secure it with one M10 x 2 3/8" Allen Bolt (#71), two Pulley Bushings (#50), two Pulley Covers (#91), and one M10 Aircraft Nut (#85).
- D.) Draw the Cable underneath the Pulley along the Main Base Frame to the opening on the bottom of the Lower Vertical Frame (#3). Repeat Procedure C above to install another Pulley.
- E.) Pull the Cable upward to the Crossed Double Floating Pulley Bracket (#20) previously installed in Step-6.
- F.) Attach a Pulley to the Bracket. Secure it with one M10 x 2" Allen Bolt (#87), two Ø ¾" Washers (#83), two Cable Retainers (#89), and one M10 Aircraft Nut (#85).
- G.) Draw the Cable around the Pulley then downward to the open bracket on the Main Base Frame. Repeat F to install another Pulley.
- H.) Pull the Cable around the Pulley then upward to the Double Floating Pulley Bracket (#31) previously installed in Step-5. Repeat F to install another Pulley.
- I.) Draw the Cable around the Pulley then pull downward to the bracket on the back of the Upper Vertical Frame (#14). Secure the Cable to the bracket with one M10 x 1" Allen Bolt (#73), two Ø ¾" Washers (#83), and one M10 Aircraft Nut (#85).
- J.) Adjust the tension of the Cable by adjusting the Pulley position on the Double Floating Pulley Bracket (#31). If the cables are too loose, move up the Pulley. If the cables are too tight, move down the Pulley.
- K.) For best performance of the machine, adjust the Cables so the Selector Stem (Top Plate) on the weight stack is ¼" above the first plate. While pinning the weight stack, push down on the Selector Stem to close up the gap then pin the plates. This will remove the slack in the cable system so the range of motion is smooth and tight.
- L.) Connect the Shiver Bar (#19) to a Long Chain (#48) with a C-clip (#53). Connect the Long Chain to the Lower Cable with another C-clip.

# **DIAGRAM 7**



# **EXPLODED DIAGRAM**



## PARTS LIST KEY NO. DESCRIPTION

Q'ty

1   Leg Developer Holder   1   51   Bottom Label   1     2   Rear Base Frame   1   52   C-clip   4     3   Lower Vertical Frame   1   53   C-clip   4     4   Upper Frame   1   54   Manual   1     5   Left Butterfly   1   56   15/8" x <sup>3/2</sup> End Cap   2     6   Right Butterfly   1   56   15/8" x <sup>3/2</sup> End Cap   2     7   Main Base Frame   1   53   1/4" Square End Cap   2     9   Butterfly Pulley Bracket   1   60   Foam Roll   4     11   Front Press Base   1   61   Foan Roll   2     13   Right Front Press Handle   1   62   Butterfly Foam Roll   2     14   Upper Vertical Frame   1   66   0 1/2" x 17 Rubber Bumper   1     15   Front Base Plate   1   66   0 1/2" x 17 Rubber Bumper   2     16   Seata   1	1	Lag Developer Helder	1	<b>F</b> 4	Datta a Labal	
3Lower Vertical Frame153Creftor44Upper Frame154Manual15Left Butterfly156Rear Base Frame End Cap26Right Butterfly156 $15\%^* x^{V}$ End Cap27Leg Developer157 $1^{V''}$ Square End Cap78Main Base Frame158 $1^{V''}$ Square End Cap110Lat Bar Varning Label160Foam Roll211Lat Bar Varning Label160Foam Roll212Left Front Press Handle162Butterfly Foam Roll213Right Front Press Handle164 $0^{V''_{X}} x^{V''_{X}$ Rubber Bumper114Upper Vertical Frame166 $0^{2} 4^{V''_{X}} x^{V''_{X}$ Rubber Bumper115Front Base Plate166 $0^{1} 4^{V''_{X}} x^{V''_{X}$ Rubber Bumper116Selector Rod167 $0^{1}$ Bushing818Lat Bar168M10 x 5 1/8' Allen Bolt119Shiver Bar168M10 x 2 3/8' Allen Bolt220Crossed Double Floating Pulley Bracket71M10 x 2 3/8' Allen Bolt221Swivel Pulley Bracket274M10 x 2 3/8' Allen Bolt222Stoper Frame176M8 x 2 4''_{A} Allen Bolt223Stoper Frame176M8 x 2 4''_{A} Allen Bolt <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td>			1			
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$			1		•	
5Left Butterfly155Rear Base Frame End Cap26Right Butterfly15615/8" X %" End Cap27Leg Developer1571 %" Square End Cap78Main Base Frame1581 ½" Square End Cap110Lat Bar Warning Label160Foam Roll End Cap411Front Press Base161Foam Roll213Right Front Press Handle163Pulley7614Upper Vertical Frame1640 1 ½" x 5/8" Rubber Bumper115Front Base Plate1660 2 ½" x 1 %/ Bubber Bumper116Seat Support1660 1 ½" x 1 5/8" Rubber Bumper117Selector Rod1670 1 Win x 1 5/8" Rubber Bumper318Lat Bar168M10 x 5 1/8" Allen Bolt119Shiver Bar1691 ½" x 2% "Allen Bolt220Crossed Double Floating Pulley Bracket701M10 x 2 3/8" Allen Bolt221Swiver Part Handle176M8 x 2 1/8" Allen Bolt222Stopper Frame176M8 x 2 1/8" Allen Bolt223Stopper Frame176M8 x 2 1/8" Allen Bolt224Warning Label176M8 x 2 1/8" Allen Bolt225Stopper Frame176M8 x 2 1/8" Allen Bolt224Warnin			1		•	4
6Right Butterfly1561 $5/8^{\circ}$ $k^{\circ}$ $k^{\circ}$ $Log Data27Leg Developer1571 k^{\circ} Square End Cap29Butterfly Pulley Bracket1590 1" End Cap110Lat Bar Warning Label160Foam Roll End Cap411Front Press Base161Foam Roll End Cap212Left Front Press Handle162Butterfly Foam Roll213Right Front Press Handle163Pulley1514Upper Vertical Frame1640 1 k^{\circ} x k^{\circ} End Kubber Bumper115Front Base Plate1660 1 k^{\circ} x k^{\circ} Subber Bumper116Seat Support1660 1 k^{\circ} x k^{\circ} Subber Bumper117Selector Rod1670 1 Moshing818Lat Bar168M10 x 5 1/8" Allen Bolt119Shiver Bar168M10 x 5 1/8" Allen Bolt221Swivel Pulley Bracket271M10 x 2 k^{\circ} Allen Bolt222Swivel Pulley Bracket274M10 x 2 k^{\circ} Allen Bolt123Supper Frame176M8 x 2 1/8" Allen Bolt224Upper Guide Rod273M10 x 1" Allen Bolt225Stopper Frame176M8 x 2 1/8" Allen Bolt226Warning Label176M8 x 2 1/8" Allen Bolt$		••	1			
7 Leig Developér 1 57 1 ½" Square End Cap 7   8 Main Base Frame 1 58 1 ½" Square End Cap 2   9 Butterfly Pulley Bracket 1 60 Fram Roll Cap 4   10 Lat Bar Warning Label 1 60 Fram Roll Cap 4   12 Left Front Press Handle 1 62 Butterfly Foam Roll 2   13 Right Front Press Handle 1 63 Pulley 15   14 Upper Vertical Frame 1 64 Ø 1 ½" x 15%" Rubber Bumper 1   15 Front Base Plate 1 65 Ø 2 ½" x 1" Rubber Bumper 1   15 Selector Rod 1 67 Ø 1 ½" x 15%" Rubber Bumper 1   16 Seletor Rod 1 67 Ø 1 ½" x 15%" Rubber Bumper 3   20 Crossed Double Floating Pulley Bracket 70 1 M10 x 5 1/8" Allen Bolt 1   21 Swivel Pulley Bracket 2 71 M10 x 1 ½" Allen Bolt 2 2   21 Swivel Pulley Bracket 71 <			1	55	Rear Base Frame End Cap	2
8   Main Base Frame   1   58   1 ½" Square End Cap   2     9   Butterfly Pulley Bracket   1   59   Ø 1" End Cap   1     10   Lat Bar Warning Label   1   60   Foam Roll End Cap   4     11   Front Press Base   1   61   Foam Roll   4     12   Left Front Press Handle   1   62   Butterfly Foam Roll   2     13   Right Front Press Handle   1   62   Ø 1 ½" x 5/8" Rubber Bumper   1     14   Upper Vertical Frame   1   66   Ø 1 ½" x 5/8" Rubber Bumper   1     15   Front Base Plate   1   66   M 10 x 5 1/8" Allen Bolt   1     17   Selector Rod   1   67   Ø 1 ¼" x 5/8" Rubber Bumper   3     18   Lat Bar   1   68   M10 x 2 ½" Allen Bolt   1     19   Shiver Bar Handle   1   72   M10 x 2 ½" Allen Bolt   2     21   Swivel Pulley Bracket   2   71   M10 x 2 ½" Allen Bolt   2		Right Butterfly	1	56	1 5/8" x ¾" End Cap	2
8   Main Base Frame   1   58   1 ½" Square End Cap   1     9   Butterfly Pulley Bracket   1   59   Ø 1" End Cap   1     10   Lat Bar Warning Label   1   60   Foam Roll End Cap   4     11   Front Press Base   1   61   Foam Roll   4     11   Left Front Press Handle   1   63   Pulley   15     14   Upper Vertical Frame   1   64   Ø 1 ½" x 5/8" Rubber Bumper   1     15   Front Base Plate   1   66   Ø 1 ½" x 1/8" Rubber Bumper   1     16   Seat Support   1   66   Ø 1 ½" x 1/8" Allen Bolt   1     17   Selector Rod   1   67   1 M10 x 2 ½" Allen Bolt   2     18   Lat Bar   1   68   M10 x 2 ½" Allen Bolt   1   1     19   Shiver Bar Handle   1   72   M10 x 2 ½" Allen Bolt   2     21   Swivel Pulley Bracket   2   73   M10 x 1 ½" Allen Bolt   2	7	Leg Developer	1	57	1 ¾" Square End Cap	7
9   Butterfly Pulley Bracket   1   59   Ø 1" End Cap   1     10   Lat Bar Warning Label   1   60   Foam Roll End Cap   4     11   Front Press Base   1   61   Foam Roll   4     12   Left Front Press Handle   1   62   Butterfly Foam Roll   2     13   Right Front Press Handle   1   63   Pulley   15     14   Upper Vertical Frame   1   66   Ø 1 ½" x 15/8" Rubber Bumper   1     15   Front Base Plate   1   66   Ø 1 ½" x 15/8" Rubber Bumper   1     16   Seat Support   1   66   Ø 1 ½" x 15/8" Rubber Bumper   1     17   Selector Rod   1   67   Ø 1 Bushing   8     18   Lat Bar   1   68   M10 x 5 1/8" Allen Bolt   1     19   Shiver Bar   1   67   Ø 1 ½" X 1%" Allen Bolt   2     20   Crossed Double Floating Pulley Bracket   70   M10 x 1 ½ Allen Bolt   2 <td< td=""><td>8</td><td>Main Base Frame</td><td>1</td><td>58</td><td></td><td>2</td></td<>	8	Main Base Frame	1	58		2
10 Lat Bar Warning Label 1 60 Foam Roll End Cap 4   11 Front Press Base 1 61 Foam Roll 4   11 Front Press Handle 1 62 Butterfly Foam Roll 2   13 Right Front Press Handle 1 63 Pulley 15   14 Upper Vertical Frame 1 64 Ø 1 ½" x 5/8" Rubber Bumper 1   15 Front Base Plate 1 66 Ø 2 ½" x 1" Rubber Bumper 1   15 Front Base Plate 1 66 Ø 1 ½" x 5/8" Rubber Bumper 1   16 Selector Rod 1 67 Ø 1 %ushing 8   18 Lat Bar 1 68 M10 x 5 1/8" Allen Bolt 1   19 Shiver Bar Handle 1 70 1 M10 x 2 ½" Allen Bolt 2   21 Swivel Pulley Bracket 2 71 M10 x 2 ½" Allen Bolt 1 1   23 Lower Guide Rod 2 73 M10 x 1 ½" Allen Bolt 2 2   24 Upper Guide Rod 2 76 <	9	Butterfly Pulley Bracket	1			
11Front Press Base161Foam Roll412Left Front Press Handle162Butterfly Foam Roll213Right Front Press Handle163Pulley1514Upper Vertical Frame164Ø 1 ½" x 50" Rubber Bumper115Front Base Plate165Ø 2 ½" x 1" Rubber Bumper116Seat Support166Ø 1 ½" x 1 % Rubber Bumper117Selector Rod167Ø 1 Bushing818Lat Bar168M10 x 5 1/8" Allen Bolt119Shiver Bar1691 ½" x 1" Spacer320Crossed Double Floating Pulley Bracket701M10 x 2 3/8" Allen Bolt221Swivel Pulley Bracket271M10 x 2 3/8" Allen Bolt123Lower Guide Rod273M10 x 1 % Allen Bolt124Upper Guide Rod274M10 x 2 3/8" Allen Bolt225Stopper Frame176M8 x 2 1/8" Allen Bolt224Warning Label176M8 x 2 1/8" Allen Bolt225Stopper Frame176M8 x 2 1/8" Allen Bolt226Warning Label176M8 x 2 1/8" Allen Bolt225Stopper Frame176M8 x 2 1/8" Allen Bolt226Warning Label176M8 x 2 1/8" Allen Bolt227V-shaped Bracket<			1			
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13Right Front Press Handle163PulleyForm1514Upper Vertical Frame16401 $13'' \times 15'' \times 10^m$ Rubber Bumper115Front Base Plate16502 $3'' \times 1''' \times 10ber Bumper$ 117Selector Rod16701 'Bushing818Lat Bar168M10 $\times 51 1/8''$ Allen Bolt119Shiver Bar1691 $3'' \times 4'' $ Spacer320Crossed Double Floating Pulley Bracket701M10 $\times 2 3/8''$ Allen Bolt821Swivel Pulley Bracket271M10 $\times 2 3/8''$ Allen Bolt123Lower Guide Rod273M10 $\times 1'''''''''''''''''''''''''''''''''''$			1			
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15Front Base Plate165 $\emptyset \ge 1/2^* x \ 1^*$ Rubber Bumper216Seat Support166 $\emptyset + 3/4^* x \ 15/8^*$ Rubber Bumper117Selector Rod167 $\emptyset + 1$ Bushing818Lat Bar168 $M10 \times 5 \ 1/8^*$ Allen Bolt119Shiver Bar169 $1 \ 3/4^* x \ 3/4^*$ Spacer320Crossed Double Floating Pulley Bracket701 $M10 \times 2 \ 3/8^*$ Allen Bolt221Swivel Pulley Bracket271 $M10 \times 2 \ 3/8^*$ Allen Bolt122Shiver Bar Handle172 $M10 \times 1 \ 3/*$ Allen Bolt123Lower Guide Rod274 $M10 \times 5/8^*$ Allen Bolt224Upper Guide Rod274 $M10 \times 5/8^*$ Allen Bolt225Stopper Frame175 $M8 \times 2 \ 3/*$ Allen Bolt224Warning Label176 $M8 \times 2 \ 3/*$ Allen Bolt227V-shaped Bracket278 $M6 \times 1 \ 3/*$ Allen Bolt2294 \ 3/* Bracket479 $M10 \times 2 \ 3/*$ Allen Bolt221Double Floating Pulley Bracket281 $M6 \times 5/8^*$ Philips Screw222Selector Stem182 $\emptyset \ 1/*$ Washer5334Weight Plate183 $\emptyset \ 3/** X \ 1^*$ Pulley Bushing237Higher Scard186M6 Aircraft Nut3638Seat186			1			
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$36$ $128"$ Lower Cable1 $86$ M6 Aircraft Nut2 $37$ $119"$ Butterfly Cable1 $87$ $M10 \times 2"$ Allen Bolt8 $38$ Seat1 $88$ $\emptyset \ 34" \times 1"$ Pulley Bushing2 $39$ Backrest Board1 $89$ Cable Retainer16 $40$ Customer Service Label1 $90$ Cable Retainer Bushing16 $41$ Lock Ring2 $91$ Pulley Cover10 $42$ Ankle Strap1#6 Allen Wrench (Tool)2 $43$ Top Label1#5 Allen Wrench (Tool)1 $44$ Butterfly Bushing245 $\emptyset 1 \ 12" \times 1"$ Bushing2 $46$ Long Axle1444 $47$ Leg Developer Axle14 $48$ $15$ -Link Chain14 $49$ $6$ -Link Chain1			1	84	Ø 5/8" Washer	4
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37119" Butterfly Cable187M10 x 2" Allen Bolt838Seat188Ø ¾" x 1" Pulley Bushing239Backrest Board189Cable Retainer1640Customer Service Label190Cable Retainer Bushing1641Lock Ring291Pulley Cover1042Ankle Strap1#6 Allen Wrench (Tool)243Top Label1#5 Allen Wrench (Tool)144Butterfly Bushing246Long Axle147Leg Developer Axle1147Leg Developer Axle1496-Link Chain11147	36	128" Lower Cable	1	86	M6 Aircraft Nut	2
38Seat188Ø ¾" x 1" Pulley Bushing239Backrest Board189Cable Retainer1640Customer Service Label190Cable Retainer Bushing1641Lock Ring291Pulley Cover1042Ankle Strap1#6 Allen Wrench (Tool)243Top Label1#5 Allen Wrench (Tool)144Butterfly Bushing245Ø 1 ½" x 1" Bushing245Ø 1 ½" x 1" Bushing246Long Axle147Leg Developer Axle14815-Link Chain1496-Link Chain1140	37	119" Butterfly Cable	1	87	M10 x 2" Allen Bolt	8
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44Butterfly Bushing245Ø 1 ½" x 1" Bushing246Long Axle147Leg Developer Axle14815-Link Chain1496-Link Chain1		•	-			
45 Ø 1 ½" x 1" Bushing 2   46 Long Axle 1   47 Leg Developer Axle 1   48 15-Link Chain 1   49 6-Link Chain 1		•			#5 Allen Wiench (1001)	I
46Long Axle147Leg Developer Axle14815-Link Chain1496-Link Chain1						
47Leg Developer Axle14815-Link Chain1496-Link Chain1						
48   15-Link Chain   1     49   6-Link Chain   1			1			
49 6-Link Chain 1			1			
			1			
50 Pulley Bushing 10						
	50	Pulley Bushing	10			

AX-2109.1 WEIGHT RESISTANCE CHART									
Weight Plate	Front Press	Butterfly	Lat Pull	Low Pulley					
1	30	15	30	30					
2	42	20	40	40					
3	54	25	50	50					
4	66	30	60	60					
5	78	35	70	70					
6	90	40	80	80					
7	102	45	90	90					
8	114	50	100	100					
9	126	55	110	110					
10	138	60	120	120					
11	150	65	130	130					

Note: Each plate weights 10 lbs. Numbers are approximate. Actual weights may vary. Values for Butterfly are for each arm.



# LIMITED WARRANTY

IMPEX Inc. ("IMPEX<sup>®</sup>") warrants this product to be free from defects in workmanship and material, under normal use and service conditions, for a period of two years on the Frame from the date of purchase. This warranty extends only to the original purchaser. IMPEX's obligation under this Warranty is limited to replacing or repairing, at IMPEX's option.

All returns must be pre-authorized by IMPEX. Pre-authorization may be obtained by calling IMPEX Customer Service Department at 1-800-999-8899. All freights on products returned to IMPEX must be prepaid by the customer. This warranty does not extend to any product or damage to a product caused by or attributable to freight damage, abuse, misuse, improper or abnormal usage or repairs not provided by an IMPEX authorized service center or for products used for commercial or rental purposes. No other warranty beyond that specifically set forth above is authorized by IMPEX.

IMPEX is not responsible or liable for indirect, special or consequential damages arising out of or in connection with the use or performance of the product or other damages with respect to any economic loss, loss of property, loss of revenues or profits, loss of enjoyments or use, costs of removal, installation or other consequential damages or whatsoever natures. Some states do not allow the exclusion or limitation of incidental or consequential damages. Accordingly, the above limitation may not apply to you.

The warranty extended hereunder is in lieu of any and all other warranties and any implied warranties of merchantability or fitness for a particular purpose is limited in its scope and duration to the terms set forth herein. Some states do not allow limitations on how long an implied warranty lasts. Accordingly, the above limitation may not apply to you.

This warranty gives you specific legal right. You may also have other rights which vary from state to state. Register on-line at www.impex-fitness.com

#### IMPEX<sup>®</sup> INC. 14777 Don Julian City of Industry, CA 91746

#### ORDERING REPLACEMENT PARTS

Replacement parts can be ordered by calling our Customer Service Department toll-free at **1-800-999-8899** during our regular business hours: Monday through Friday, 9 am until 5 pm Pacific standard time.

#### info@impex-fitness.com

When ordering replacement parts, always give the following information.

- 1. Model
- 2. Description of Parts
- 3. Part Number
- 4. Date of Purchase