

**NOTE:**  
Please read all instructions  
carefully before using this  
product

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Model  
TSA-9900

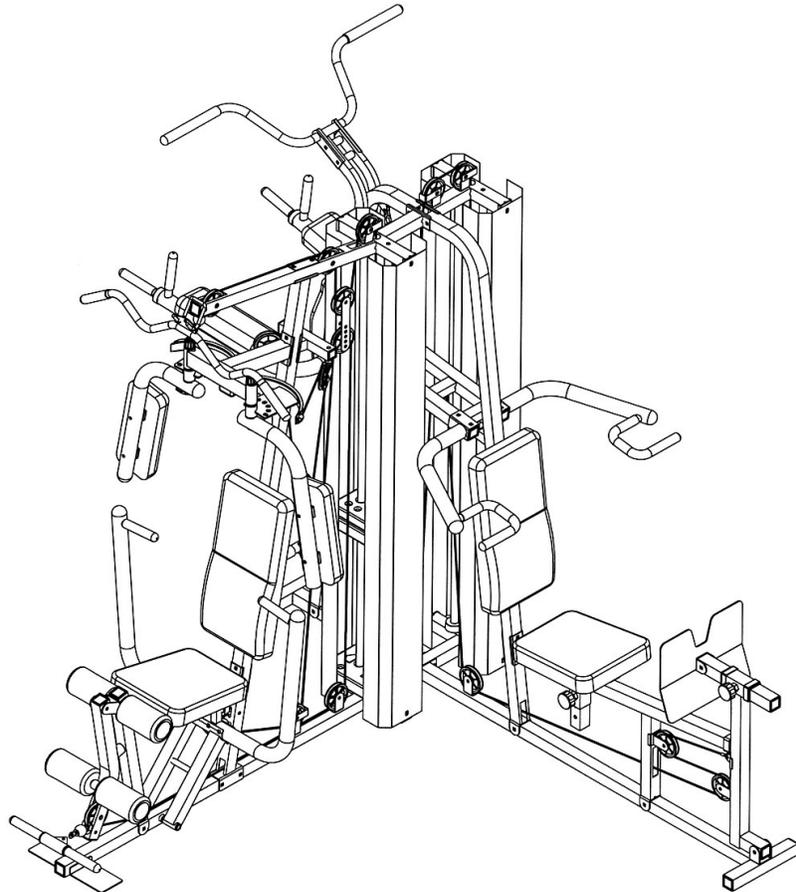
Retain This  
Manual for  
Reference

08-06-05

**OWNER'S  
MANUAL**

# IMPEX

## IRON GRIP STRENGTH Corner Gym TSA-9900



**IMPEX INC.**

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## BEFORE YOU BEGIN

Thank you for selecting the IRON GRIP STRENGTH TSA-9900 CORNER GYM by IMPEX INC. 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](http://www.impex-fitness.com)**  
**[info@impex-fitness.com](mailto: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 same station.
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 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.

## **CARE AND MAINTENANCE**

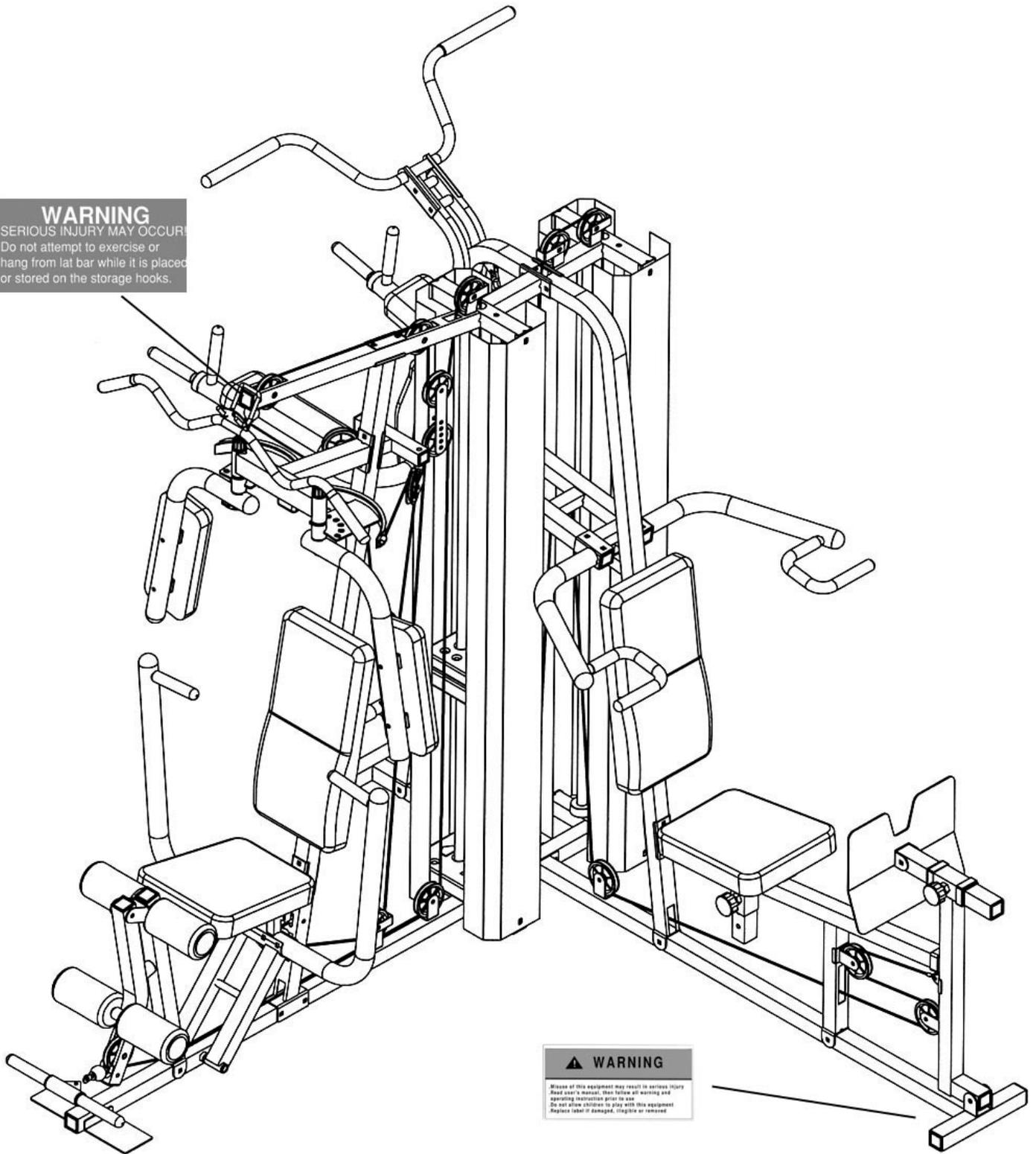
1. Lubricate moving parts with WD-40 or light oil periodically.
2. Inspect and tighten all parts before using the machine.
3. The machine can be cleaned using a damp cloth and mild non-abrasive detergent. DO NOT use solvents.
4. Maximum user's weight: 300 lbs.

**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.**

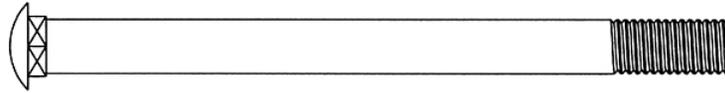
# WARNING LABEL REPLACEMENT

**WARNING**  
SERIOUS INJURY MAY OCCUR.  
Do not attempt to exercise or  
hang from lat bar while it is placed  
or stored on the storage hooks.

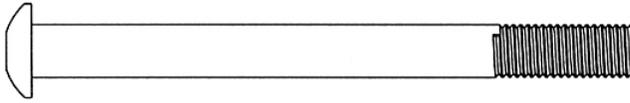


The warning labels shown here have been placed on the Rear Base and Upper Frame. If the labels are missing or illegible, please call customer service at 1-800-888-8899 for replacements. Apply the labels in location shown.

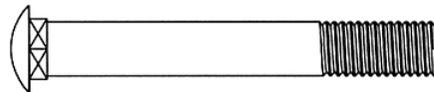
# HARDWARE PACK



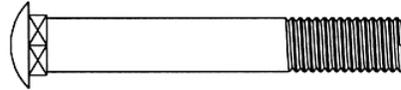
#99 M10 x 4 1/8" Carriage Bolt (Qty 2)



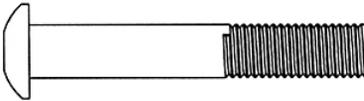
#100 M10 x 4" Allen Bolt (Qty 3)



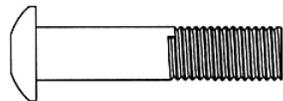
#97 M10 x 2 3/4" Carriage Bolt (Qty 4)



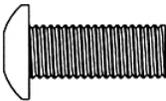
#98 M10 x 2 1/2" Carriage Bolt (Qty 26)



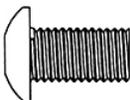
#96 M10 x 2 3/8" Allen Bolt (Qty 5)



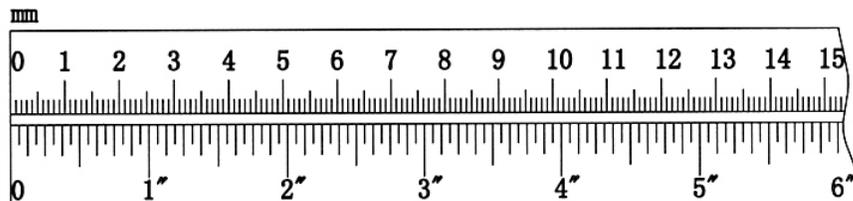
#95 M10 x 1 3/4" Allen Bolt (Qty 18)



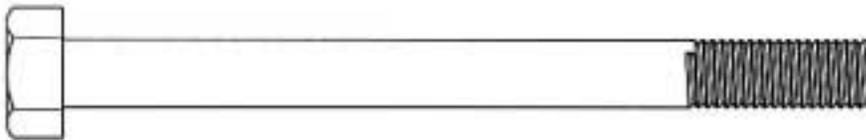
#94 M10 x 1" Allen Bolt (Qty 15)



#93 M10 x 5/8" Allen Bolt (Qty 10)



# HARDWARE PACK



#101 M12 x 4 3/8" Hex Bolt (Qty 2)



#102 M12 x 3" Hex Bolt (Qty 1)



#103 M8 x 2 1/2" Allen Bolt (Qty 16)



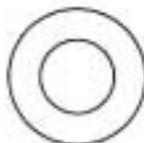
#104 M8 x 1 5/8" Allen Bolt (Qty 2)



#106 M10 Aircraft Nut  
(Qty 68)



#107 M12 Aircraft Nut  
(Qty 3)



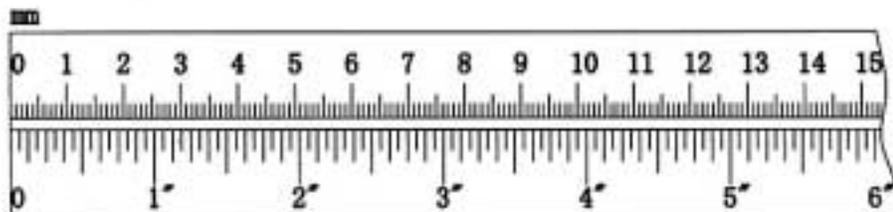
#110 Ø 1" Washer  
(Qty 6)



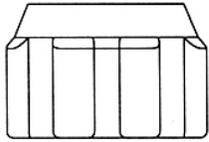
#109 Ø 3/4" Washer  
(Qty 107)



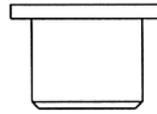
#108 Ø 5/8" Washer  
(Qty 18)



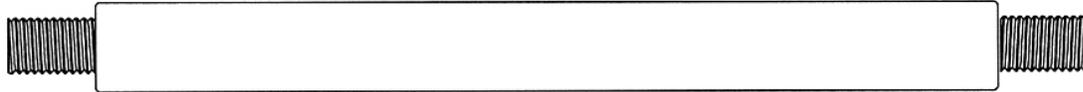
# HARDWARE PACK



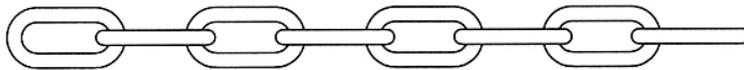
#33 Lock Ring (Qty 2)



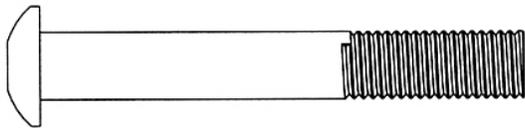
#63 Pulley Bushing (Qty 8)



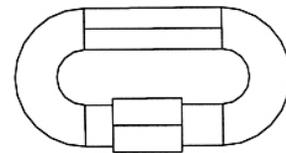
#59 Axle (Qty 2)



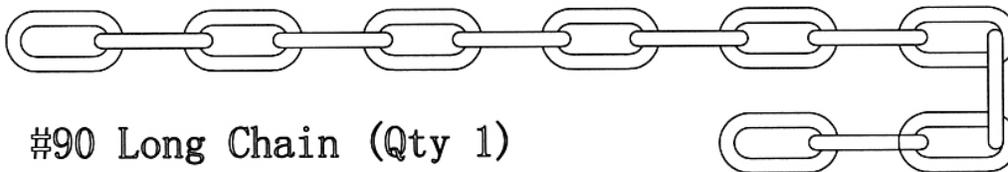
#88 Short Chain (Qty 2)



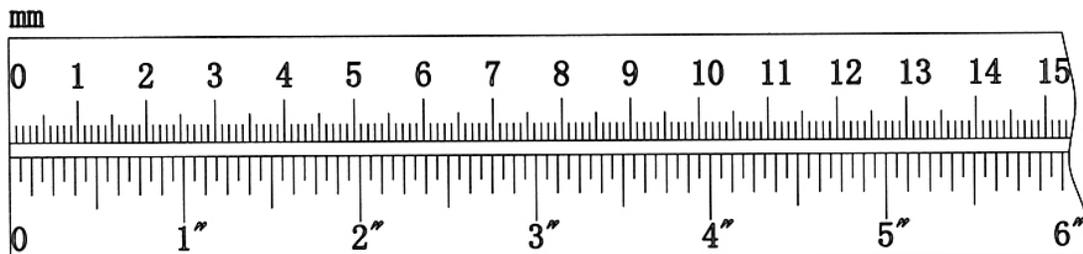
#92 M10 x 2 7/8" Allen Bolt (Qty 1)



#89 C-clip (Qty 5)



#90 Long Chain (Qty 1)



## ASSEMBLY INSTRUCTION

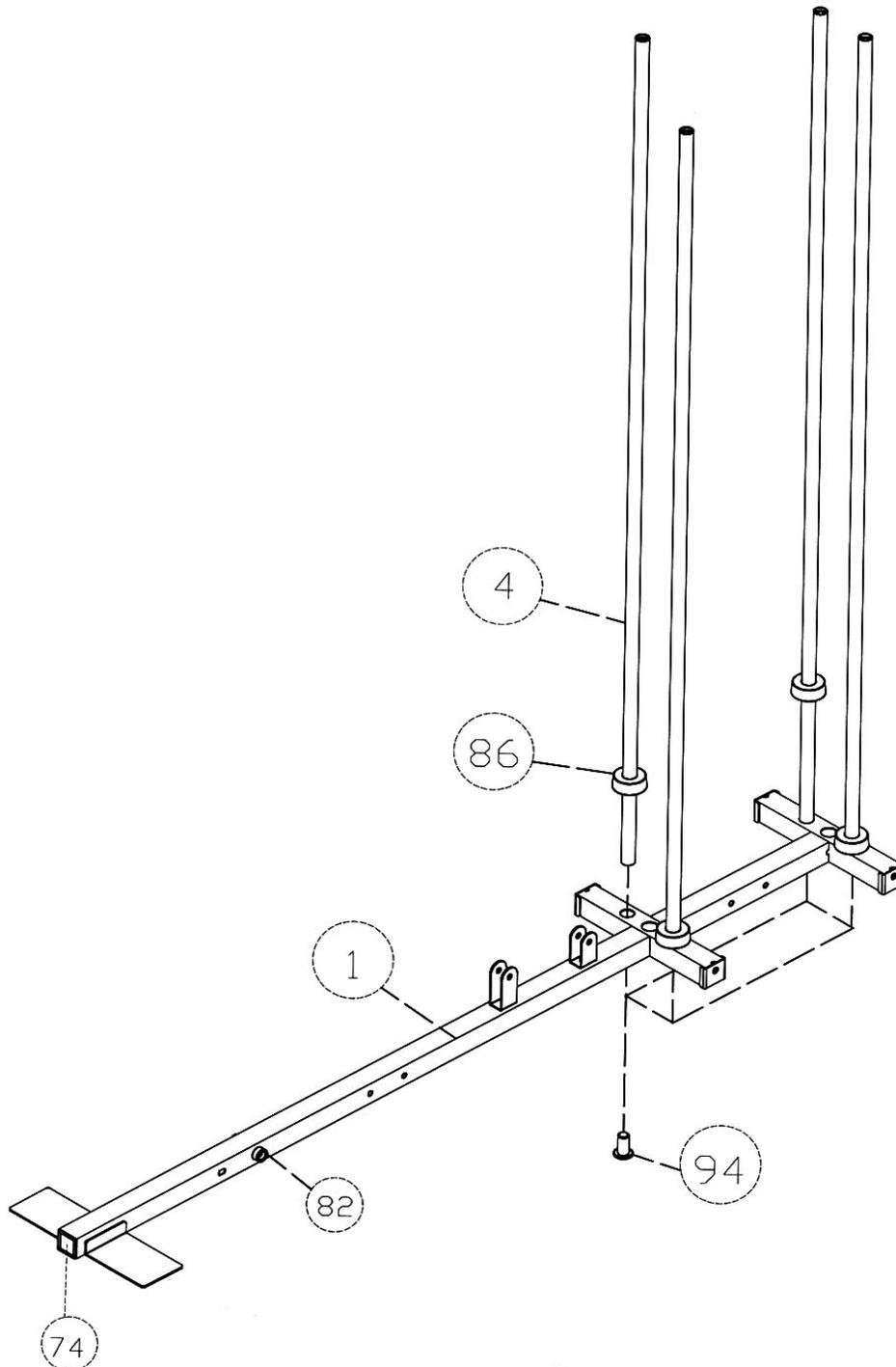
Tools Required Assembling the Machine: Two Adjustable Wrenches and Allen Wrenches

**NOTE:** It is strongly recommended two or people assembling this machine to avoid possible injury.

### STEP 1 (See Diagram 1)

- A.) Place the Right Base Frame (#1) on a flat surface. Make sure there is enough space around to assemble the machine.
- B.) Insert four Guide Rods (#4) into the holes on the Right Base Frame. Secure each Guide Rod from the bottom with a M10 x 1" Allen Bolt (#94).
- C.) Slide four  $\text{Ø } 2 \frac{1}{2}$ " x 1" Rubber Bumpers (#86) onto the Guide Rods.

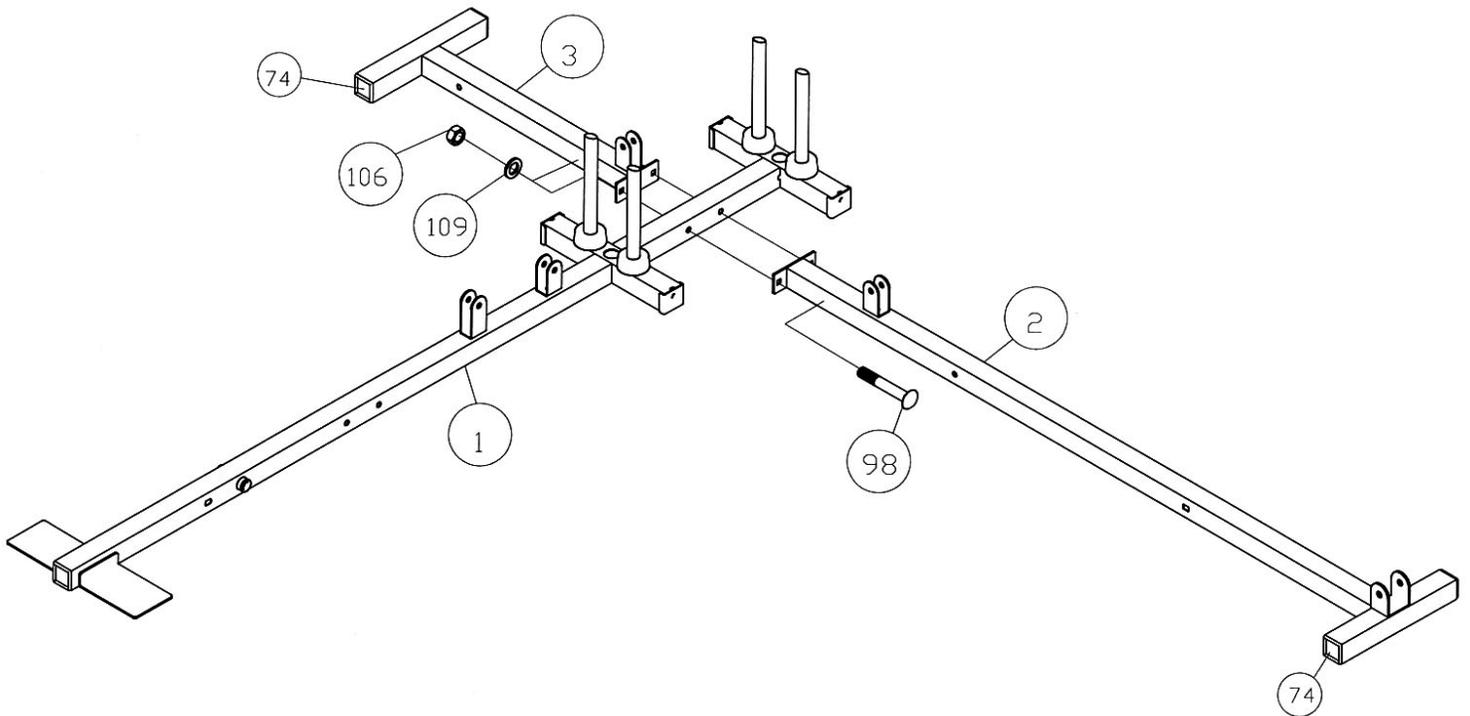
**DIAGRAM 1**



## STEP 2 (See Diagram 2)

- A.) Attach the Left Base and the Power Station Base Frame (#2 & #3) to the Right Base Frame (#1).
- B.) Align the holes and secure them with two M10 x 2 ½" Carriage Bolts (#98),  $\varnothing$  ¾" Washers (#109), and M10 Aircraft Nuts (#106).

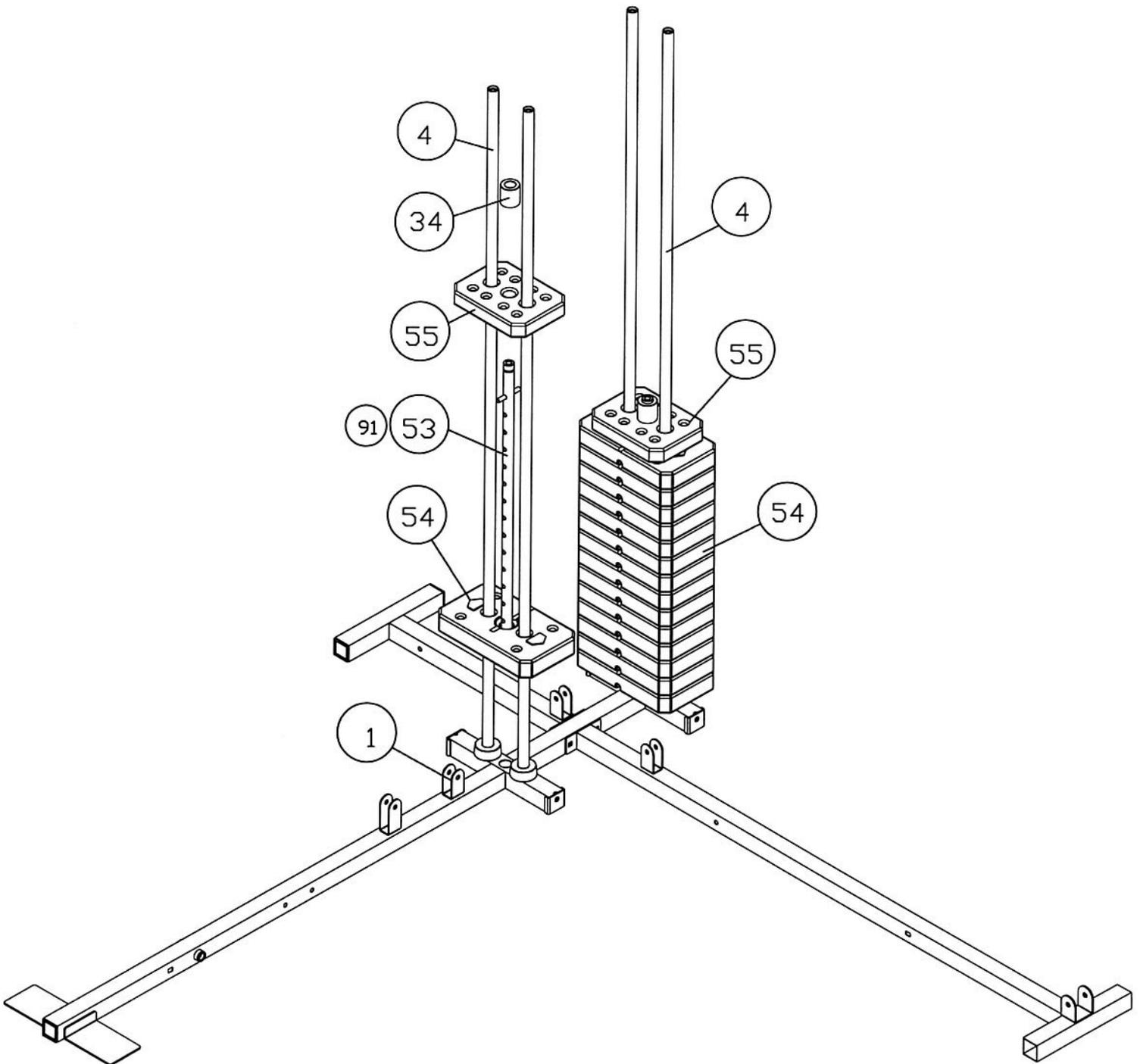
### DIAGRAM 2



**STEP 3 (See Diagram 3)**

- A.) Slide fourteen Weight Plates (#54) onto the rear set of Guide Rods (#4). Make sure the groove on the plates all face toward the front of the machine.
- B.) Insert a Selector Rod (#53) into the center holes. Slide a Selector Stem (#34) onto the two Guide Rods. Slide a  $\text{\O} 1 \frac{3}{4}$ " Rubber Bumper (#34) onto the Selector Rod.
- C.) Repeat procedures A & B above to install the other fourteen Weight Plates onto the front two Guide Rods. Make sure the grooves face the back of the machine.

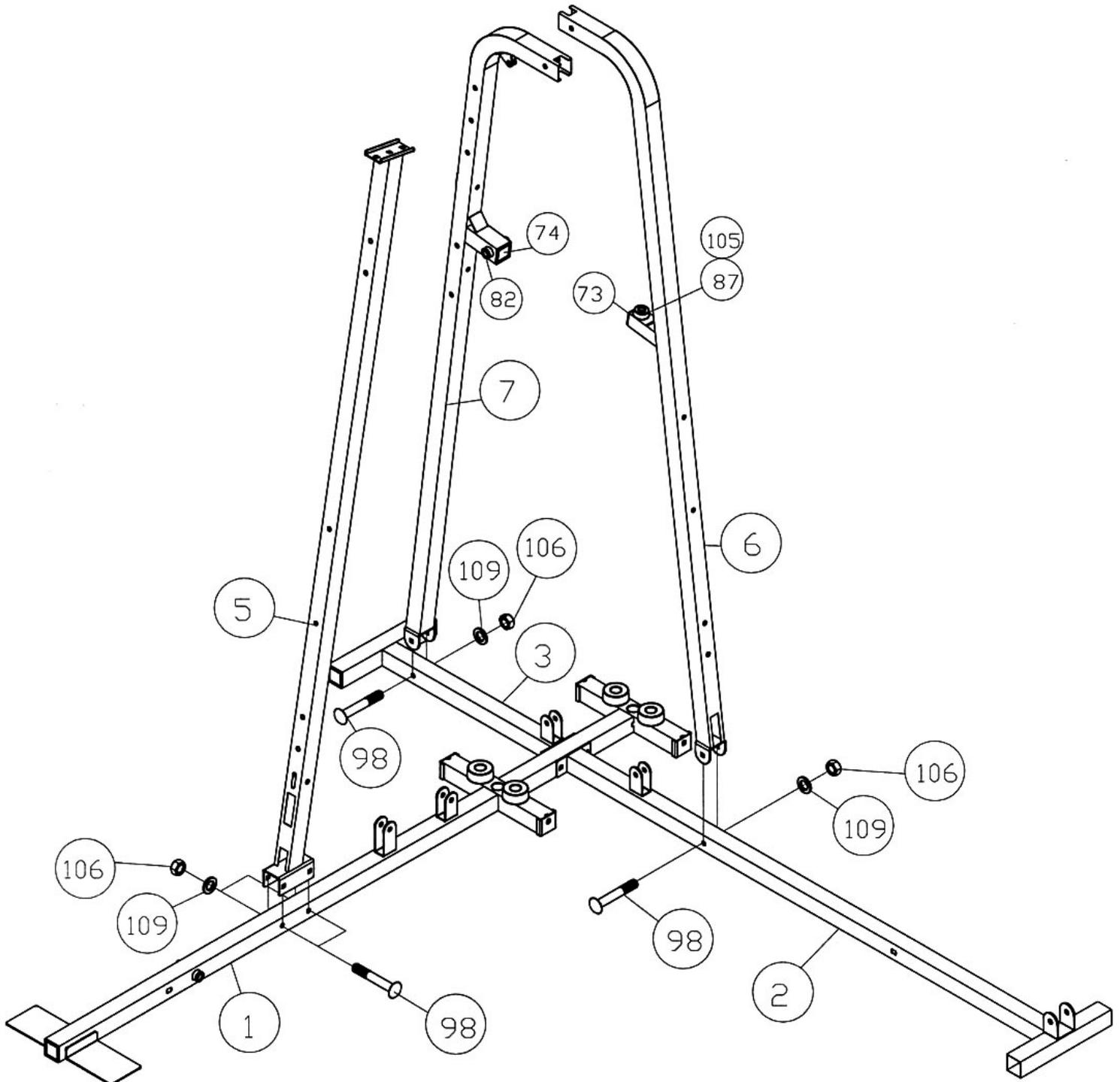
**DIAGRAM 3**



#### STEP 4 (See Diagram 4)

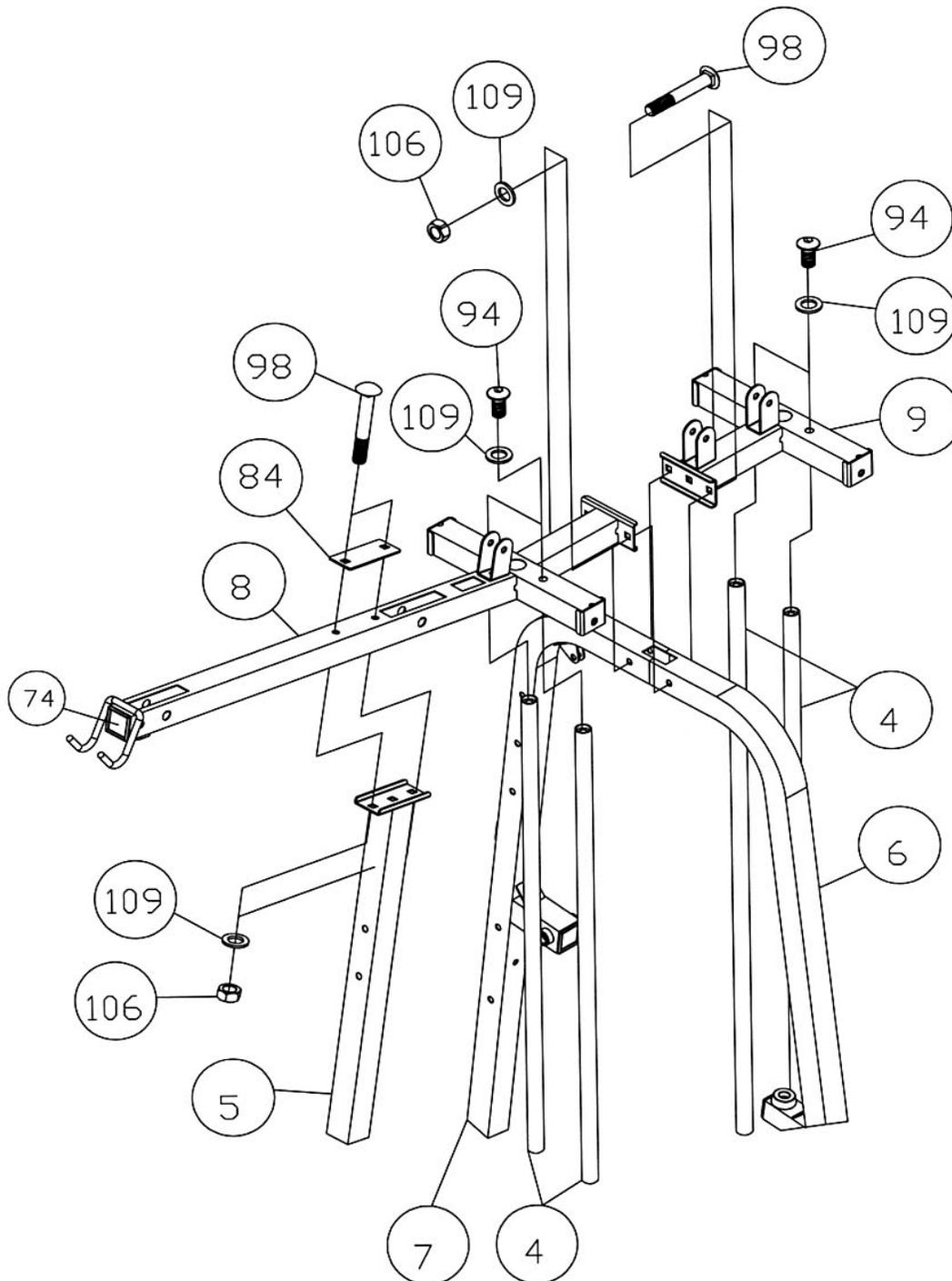
- A.) Do not tighten all Nuts and Bolts in this step until instructed to do so.
- B.) Attach the Right Vertical Frame (#5) to the Right Base Frame (#1). Secure it with two M10 x 2 1/2" Carriage Bolts (#98), Ø 3/4" Washers (#109), and M10 Aircraft Nuts (#106).
- C.) Attach the Left Vertical Frame (#6) to the Left Base Frame (#2). Secure it with one M10 x 2 1/2" Carriage Bolt (#98), Ø 3/4" Washer (#109), and M10 Aircraft Nut (#106).
- D.) Attach the Power Station Vertical Frame (#7) to the Power Station Base Frame (#3). Secure it with one M10 x 2 1/2" Carriage Bolt (#98), Ø 3/4" Washer (#109), and M10 Aircraft Nut (#106).

**DIAGRAM 4**



## STEP 5 (See Diagram 5)

- A.) Do not tighten all Nuts and Bolts in this step until instructed to do so.
- B.) Place the Upper Frame (#8) onto the Right Vertical Frame (#5) and two Guide Rods (#4).  
Secure the Upper Frame to the Right Vertical Frame with two M10 x 2 1/2" Carriage Bolts (#98), one 4 3/8" x 1 3/4" Bracket (#84), two Ø 3/4" Washers (#109), and two M10 Aircraft Nuts (#106).
- C.) Secure the Upper Frame to the two Guide Rods with two M10 x 1" Allen Bolts (#94) and Ø 3/4" Washers (#109).
- D.) Place the Top Socket Assembly (#9) onto the two Guide Rods on the rear. Secure them with two M10 x 1" Allen Bolts (#94) and Ø 3/4" Washers (#109).
- E.) Connect the Top Socket Assembly (#9), Power Station Vertical Frame (#7), Upper Frame (#8) and Left Vertical Frame (#6) together. Align the holes and secure them with two M10 x 2 1/2" Carriage Bolts (#98), Ø 3/4" Washers (#109), and M10 Aircraft Nuts (#106).



## **STEP 6 (See Diagram 6)**

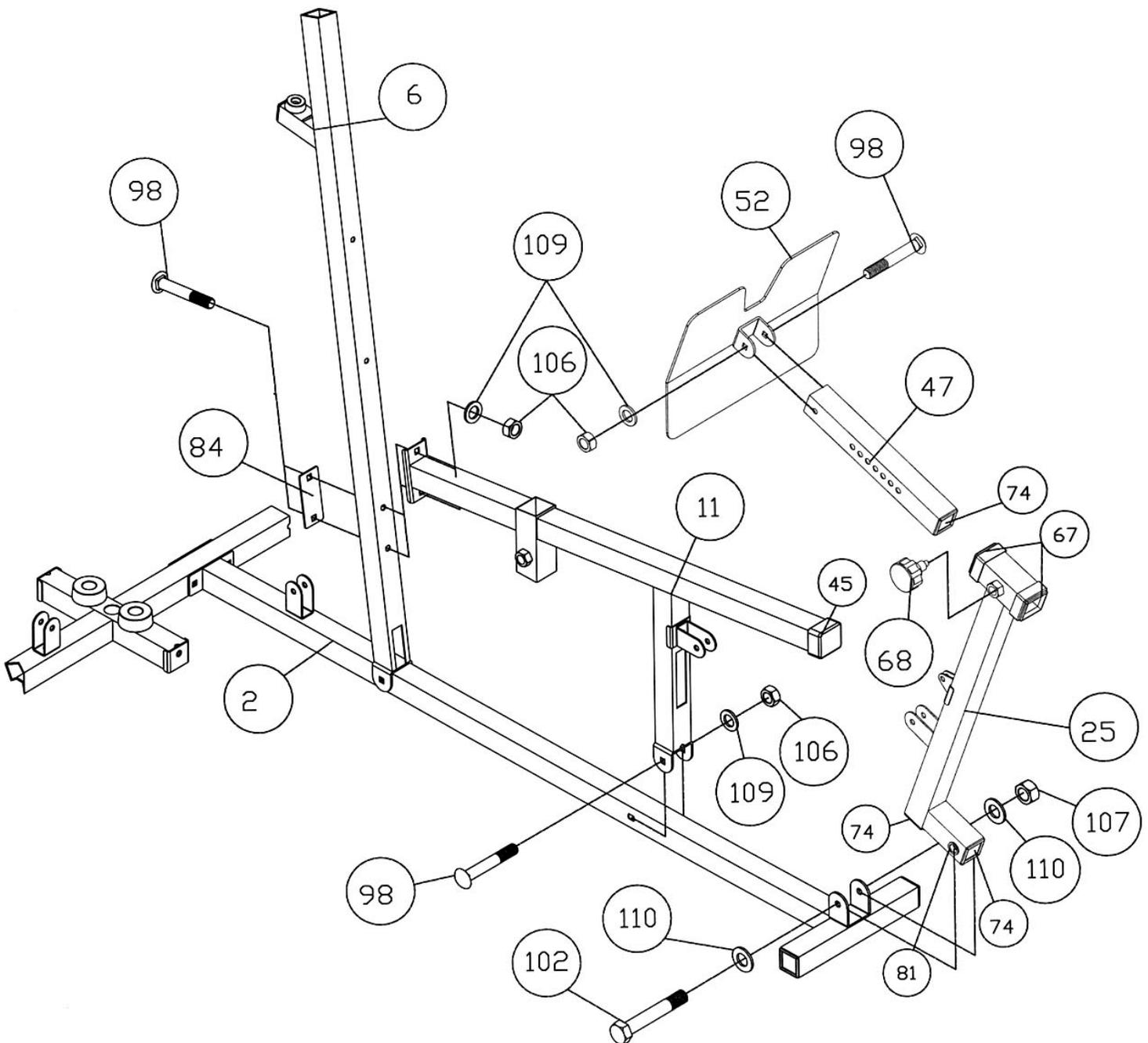
- A.) Securely tighten all Nuts and Bolts previously installed.
- B.) Attach the Right Seat Support (#10) to the Right Base Frame (#1). Secure it with one M10 x 2 ½" Carriage Bolt (#98), Ø ¾" Washer (#109), and M10 Aircraft Nut (#106).
- C.) Attach the Right Seat Support (#10) to the Right Vertical Frame (#5). Secure it with two M10 x 2 ½" Carriage Bolts (#98), one 4 3/8" x 1 ¾" Bracket (#84), two Ø ¾" Washers (#109), and two M10 Aircraft Nuts (#106).
- D.) Attach the Leg Developer (#26) to the bracket on the Right Seat Support. Secure it with a M10 x 2 7/8" Allen Bolt (#92), two Ø ¾" Washers (#109), and one M10 Aircraft Nut (#106). Do not over tighten the Nut and Bolt. Make sure the Leg Developer is able to swivel.
- E.) Attach the Butterfly Support Frame (#12) and the Butterfly Pulley Support (#46) to the Right Vertical Frame. Align the holes and secure them together with two M10 x 2 ½" Carriage Bolts (#98), Ø ¾" Washers (#109), and M10 Aircraft Nuts (#106).
- F.) Attach two Swivel Pulley Brackets (#49) to the Butterfly Pulley Support (#46). Secure each Bracket with one M12 x 4 3/8" Hex Bolt (#101), two Ø 1" Washers (#110), and one M12 Aircraft Nut (#107). Do not over tighten the Nut and Bolt. Make sure each Bracket is able to swivel.



### STEP 7 (See Diagram 7)

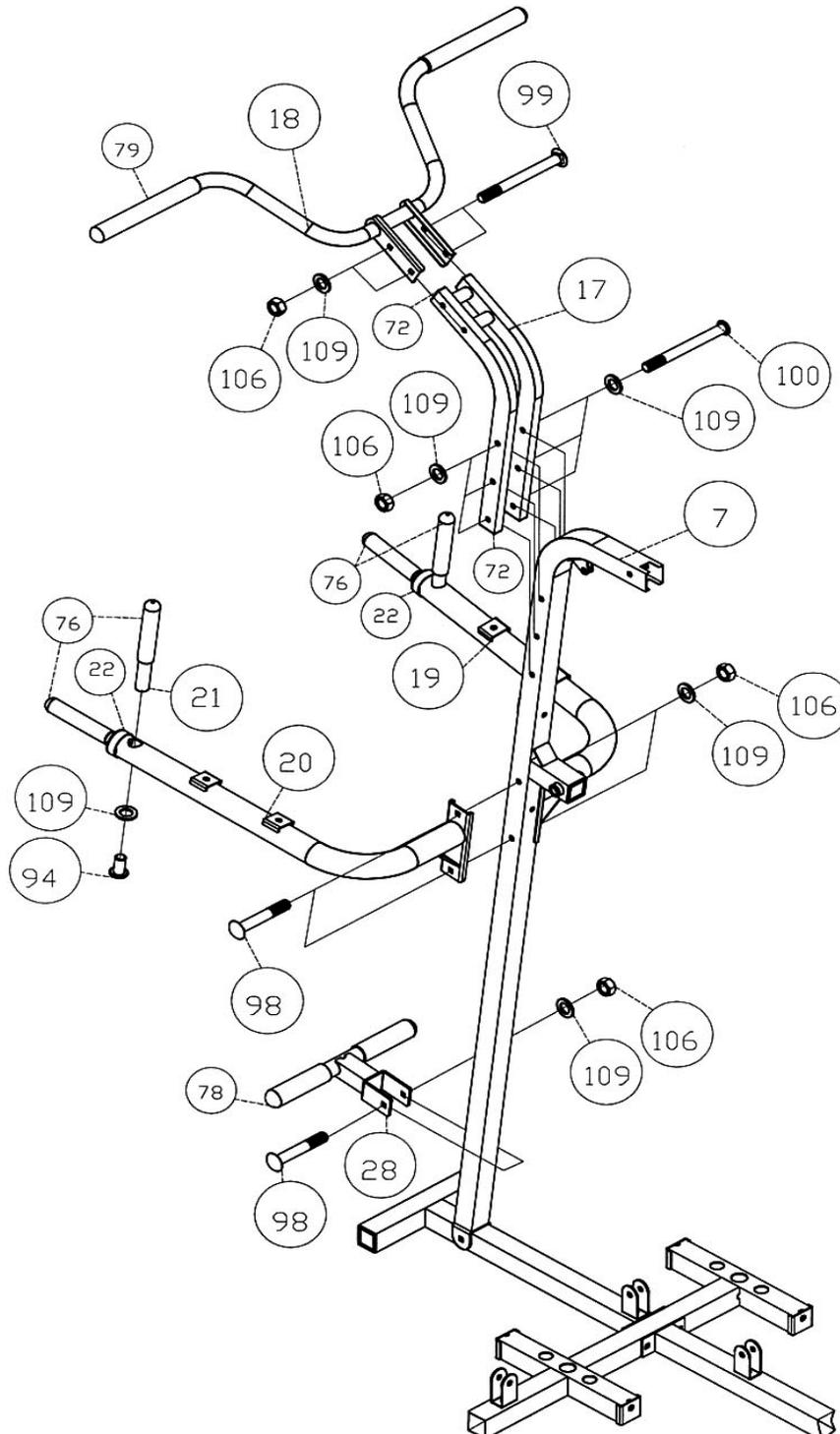
- A.) Attach the Left Seat Support (#11) to the Left Base Frame (#2). Secure it with one M10 x 2 1/2" Carriage Bolt (#98), Ø 3/4" Washer (#109), and M10 Aircraft Nut (#106).
- B.) Attach the Left Seat Support (#11) to the Left Vertical Frame (#6). Secure it with two M10 x 2 1/2" Carriage Bolts (#98), one 4 3/8" x 1 3/4" Bracket (#84), two Ø 3/4" Washers (#109), and two M10 Aircraft Nuts (#106).
- C.) Attach the Leg Press Frame (#25) to the bracket on the Left Base Frame. Secure it with one M12 x 3" Hex Bolt (#102), two Ø 1" Washers (#110), and one M12 Aircraft Nut (#107). DO not over tighten the Nut and Bolt. Make sure the Leg Press Frame is able to swivel.
- D.) Attach the Leg Press Plate (#52) to the Leg Press Adjustment Frame (#47). Secure it with one M10 x 2 1/2" Carriage Bolt (#98), Ø 3/4" Washer (#109), and M10 Aircraft Nut (#106).
- E.) Insert the Leg Press Adjustment Frame into the Leg Press Frame. Use a Lock Knob (#68) to secure it in selected position.

**DIAGRAM 7**



### STEP 8 (See Diagram 8)

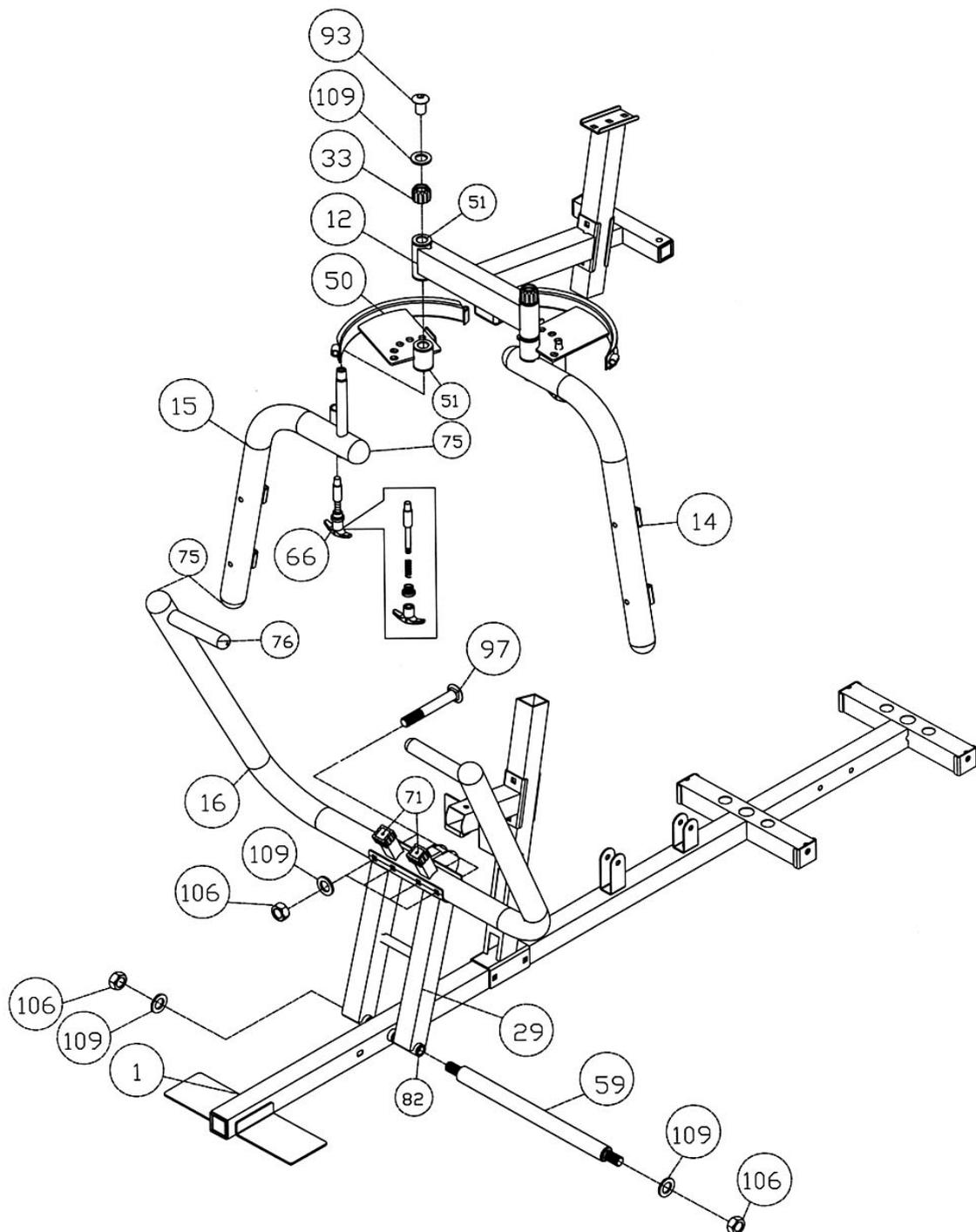
- A.) Attach the Chin-up Support (#17) to the Power Station Vertical Frame (#7). Secure it with three M10x4" Allen Bolts (#100), six Ø $\frac{3}{4}$ " Washers (#109) and three M10 Aircraft Nuts (#106).
- B.) Attach the Chin-up Bar (#18) to the Chin-up Support. Secure it with two M10 x 4 1/8" Carriage Bolts (#99), Ø $\frac{3}{4}$ " Washers (#109), and M10 Aircraft Nuts (#106).
- C.) Attach the Right & Left Dip Supports (#19 & #20) to the Power Station Vertical Frame (#7). Securely tighten them together with two M10 x 2 1/2" Carriage Bolts (#98), Ø $\frac{3}{4}$ " Washers (#109), and M10 Aircraft Nuts (#106). Insert the two Dip Handles (#21) into the Dip Supports. Secure each Dip Handle with one M10 x 1" Allen Bolt (#94) and Ø $\frac{3}{4}$ " Washer (#109).
- D.) Attach the Foot Step (#28) to the Power Station Vertical Frame (#7). Secure it with one M10 x 2 1/2" Carriage Bolt (#98), Ø $\frac{3}{4}$ " Washer (#109), and M10 Aircraft Nut (#106).



### STEP 9 (See Diagram 9)

- A.) Insert the axle on the Right Butterfly (#15) through a Butterfly Adjustment Frame (#50) into the Butterfly Support Frame (#12). Secure it with one M10 x 5/8" Allen Bolt (#93),  $\text{\O} \frac{3}{4}$ " Washer (#109), and Lock Ring (#33).
- B.) Thread a T-shaped Pull Pin (#66) into the hole on the Right Butterfly from the bottom. Use the Pin to adjust the Butterfly position.
- C.) Repeat the same procedures A & B above to install the Left Butterfly (#14).
- D.) Attach the Front Press Base (#29) to the Right Base Frame (#1). Secure it with one Axle (#59), two  $\text{\O} \frac{3}{4}$ " Washers (#109), and two M10 Aircraft Nuts (#106).
- E.) Place the Front Press (#16) onto the Front Press Base. Secure it with four M10 x 2  $\frac{3}{4}$ " Carriage Bolts (#97),  $\text{\O} \frac{3}{4}$ " Washers (#109), and M10 Aircraft Nuts (#106).

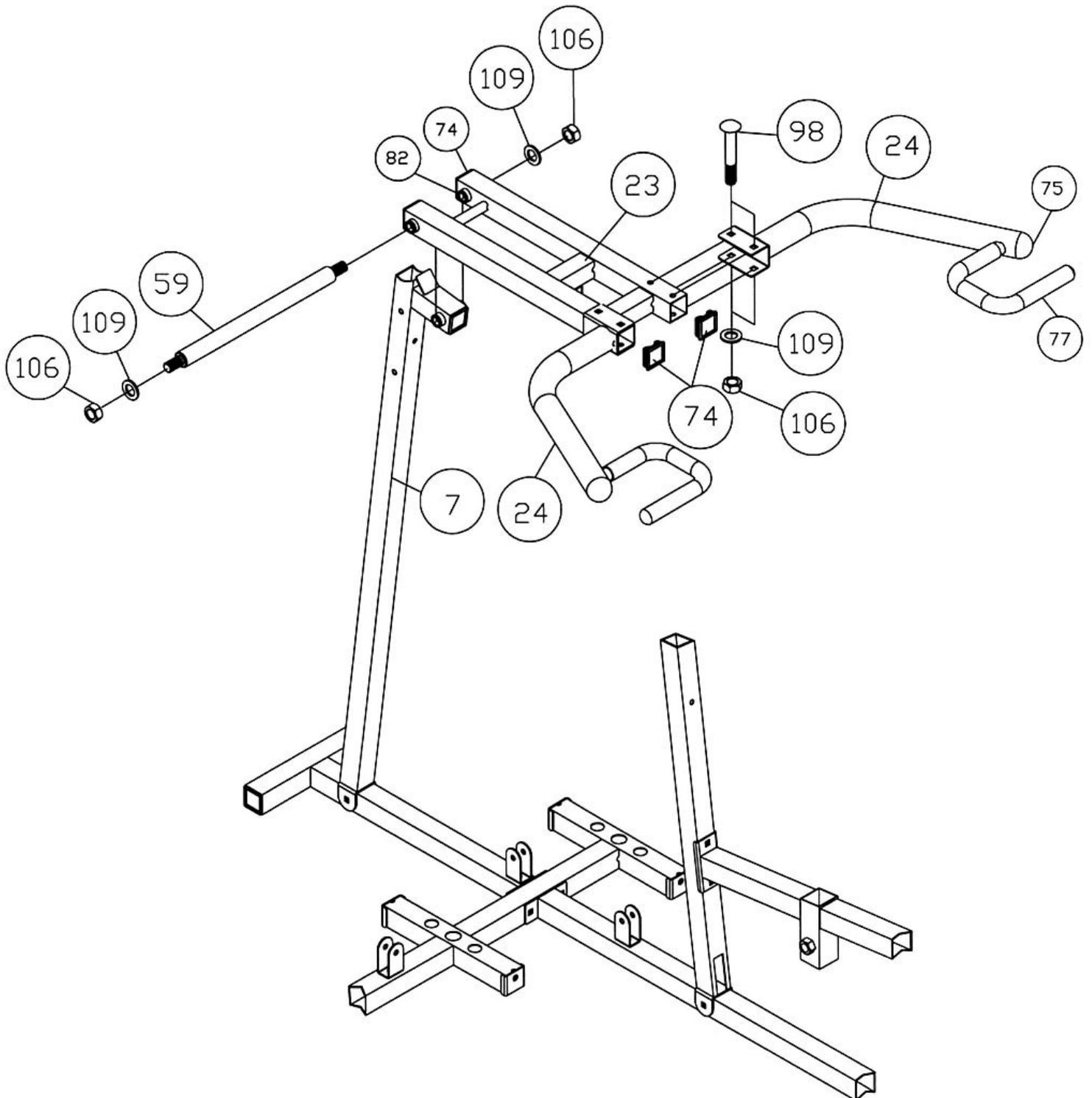
**DIAGRAM 9**



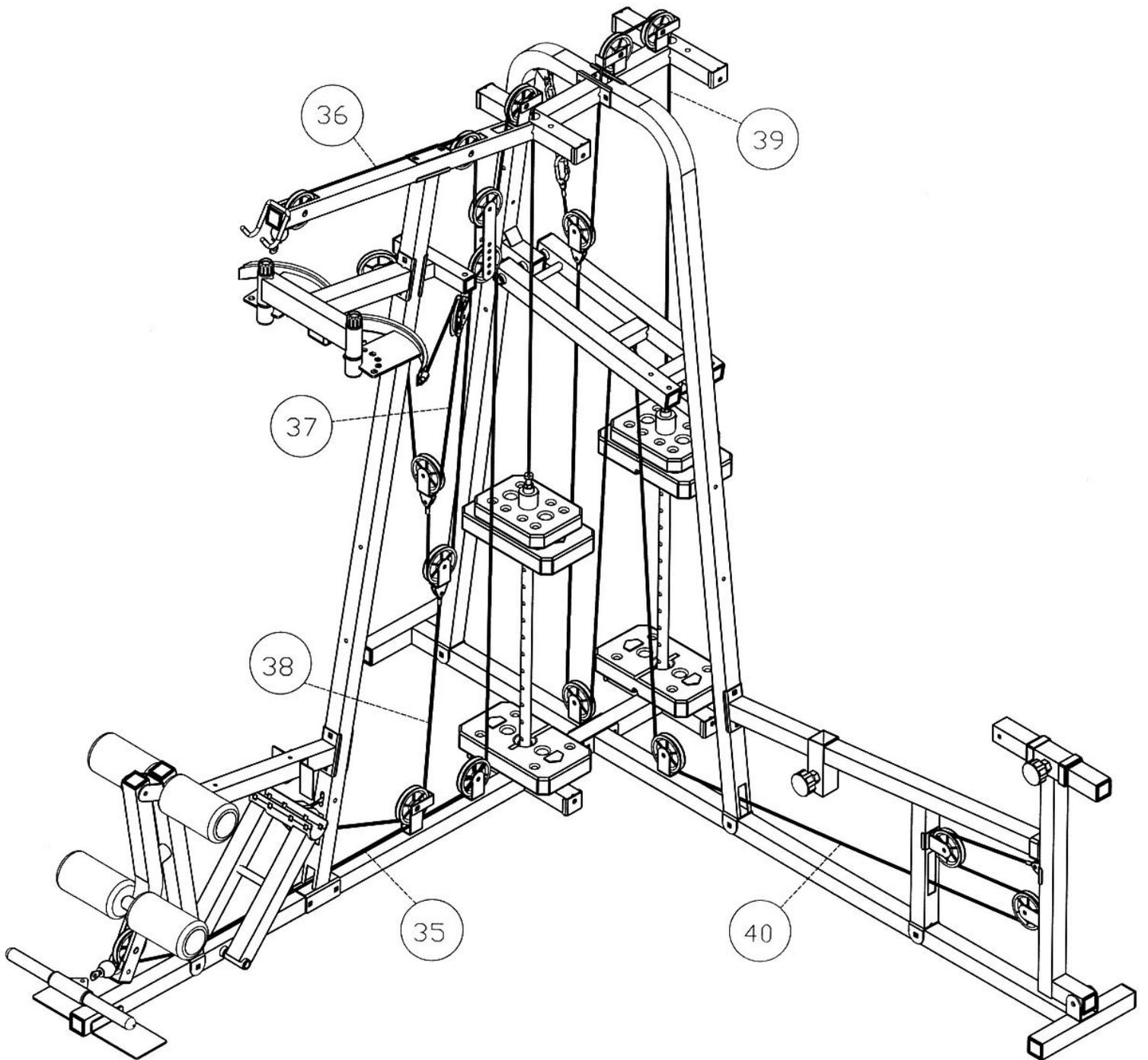
**STEP 10 (See Diagram 10)**

- A.) Attach the Vertical Press Base (#23) to the pivot on the Power Station Vertical Frame (#7). Secure it with one Axle (#59), two  $\text{\O} \frac{3}{4}$ " Washers (#109), and two M10 Aircraft Nuts (#106).
- B.) Attach one Vertical Press Arm (#24) to the Vertical Press Base. Secure it with two M10 x 2  $\frac{1}{2}$ " Carriage Bolts (#98),  $\text{\O} \frac{3}{4}$ " Washers (#109), and M10 Aircraft Nuts (#106).
- C.) Repeat the same procedure to install the other Vertical Press Arm.

**DIAGRAM 10**



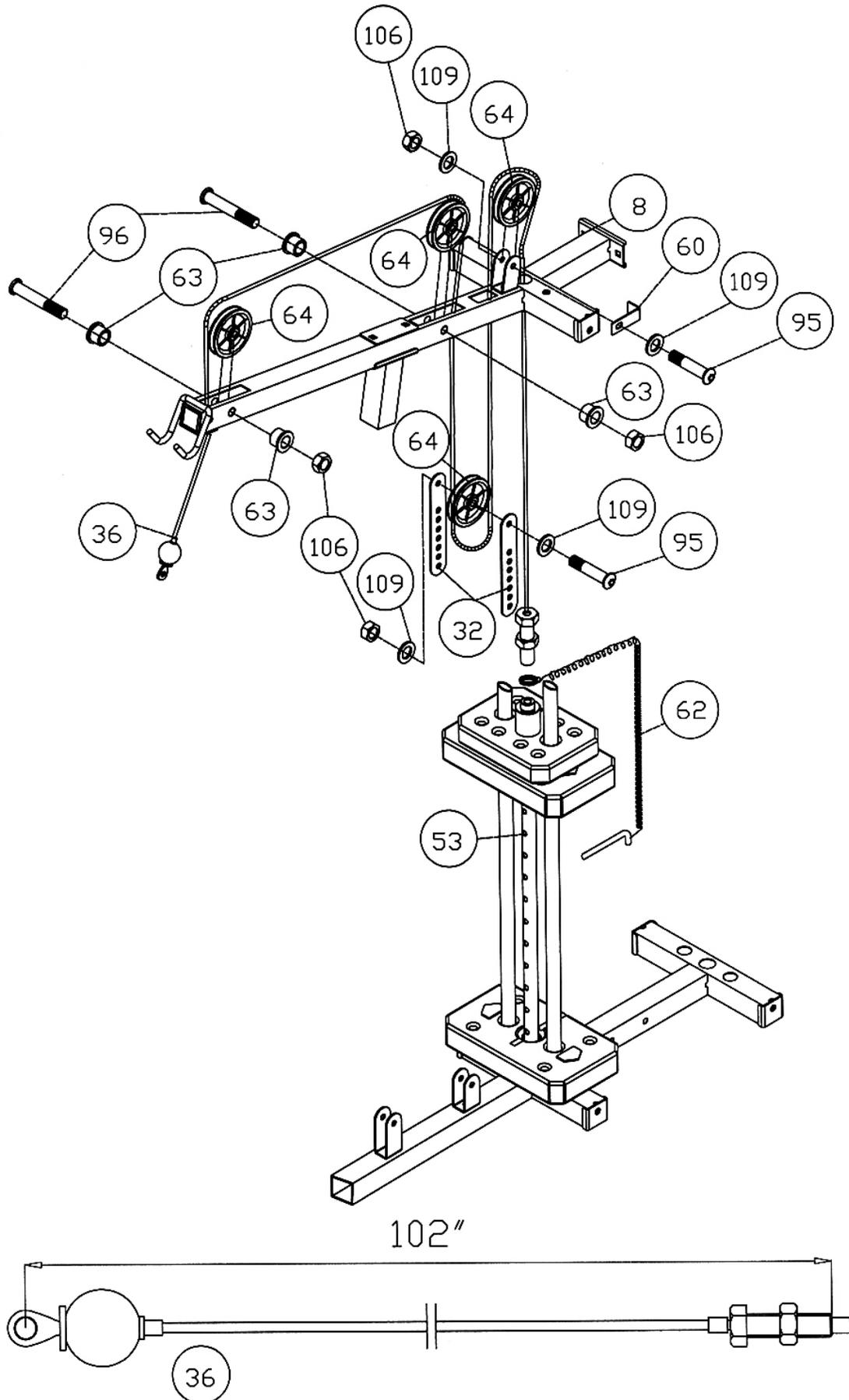
# CABLE LOOP DIAGRAM



## **STEP 11 (See Cable Loop Diagram & Diagram 11)**

- A.) Attach the 102" Upper Cable (#36) to the front opening on the Upper Frame (#8). Attach a Pulley (#64) to the opening. Secure it with one M10 x 2 3/8" Allen Bolt (#96), two Pulley Bushings (#63), and one M10 Aircraft Nut (#106). Draw the Cable towards the back of the machine. Note: Make sure the Ball Stopper is underneath the frame.
- B.) Attach a Pulley to the opening on the Upper Frame. Secure it with one M10 x 2 3/8" Allen Bolt (#96), two Pulley Bushings (#63), and one M10 Aircraft Nut (#106).
- C.) Draw the Cable around the Pulley and downward. Install a Pulley to the two Double Floating Pulley Brackets (#32). Secure it with one M10 x 1 3/4" Allen Bolt (#95), two  $\varnothing$  3/4" Washers (#109), and one M10 Aircraft Nut (#106). Let the bracket hanging for now. Draw the Cable around the Pulley then upward to the open bracket on the Upper Frame.
- D.) Install a Pulley to the bracket with a L-shaped Cable Retainer (#60).
- E.) Draw the Cable around the Pulley then downward to the Selector Rod (#53). Attach the ring on the Selector Pin (#62) to the Selector Rod (#53). Securely thread the end of the Cable into the Selector Rod. Use the Nut at the end of the Cable to tighten down the Bolt.

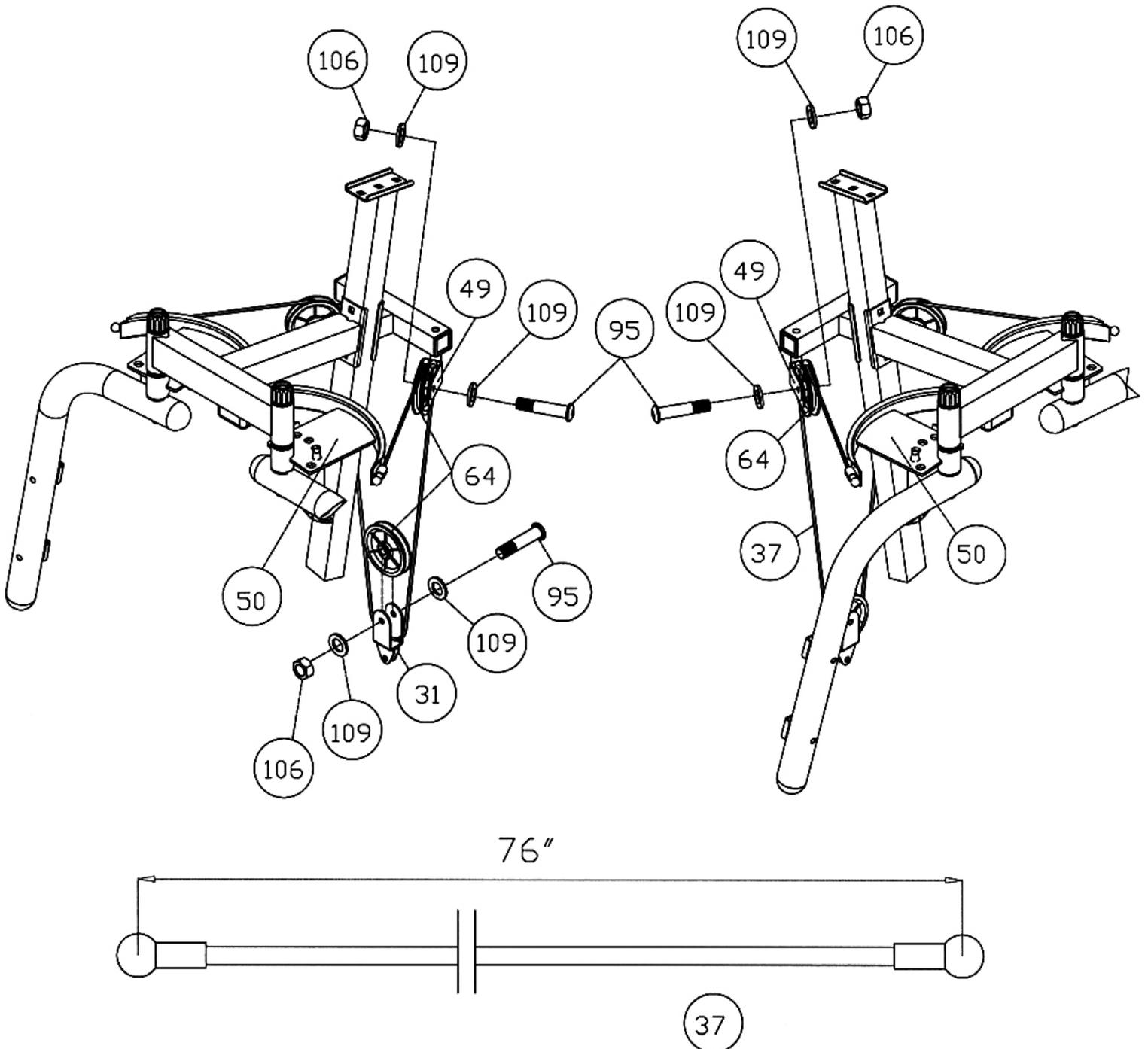
# DIAGRAM 11



**STEP 12 (See Cable Loop Diagram & Diagram 12)**

- A.) Clip one end of the 76" Butterfly Cable (#37) to the slot on the Left Butterfly Adjustment Frame (#50). Draw the Cable through the slot then to the open Swivel Pulley Bracket (#49).
- B.) Attach a Pulley (#64) to the bracket. Secure it with one M10 x 1 3/4" Allen Bolt (#95), two Ø 3/4" Washers (#109), and one M10 Aircraft Nut (#106).
- C.) Draw the Cable around the Pulley then downward. Install a Pulley to an Angled Floating Pulley Bracket (#31). Let the Bracket hanging for now.
- D.) Draw the Cable upward to the right Swivel Pulley Bracket on the opposite side. Install another Pulley.
- E.) Draw the Cable to the Right Butterfly Adjustment Frame and clip the end of the cable to the slot.

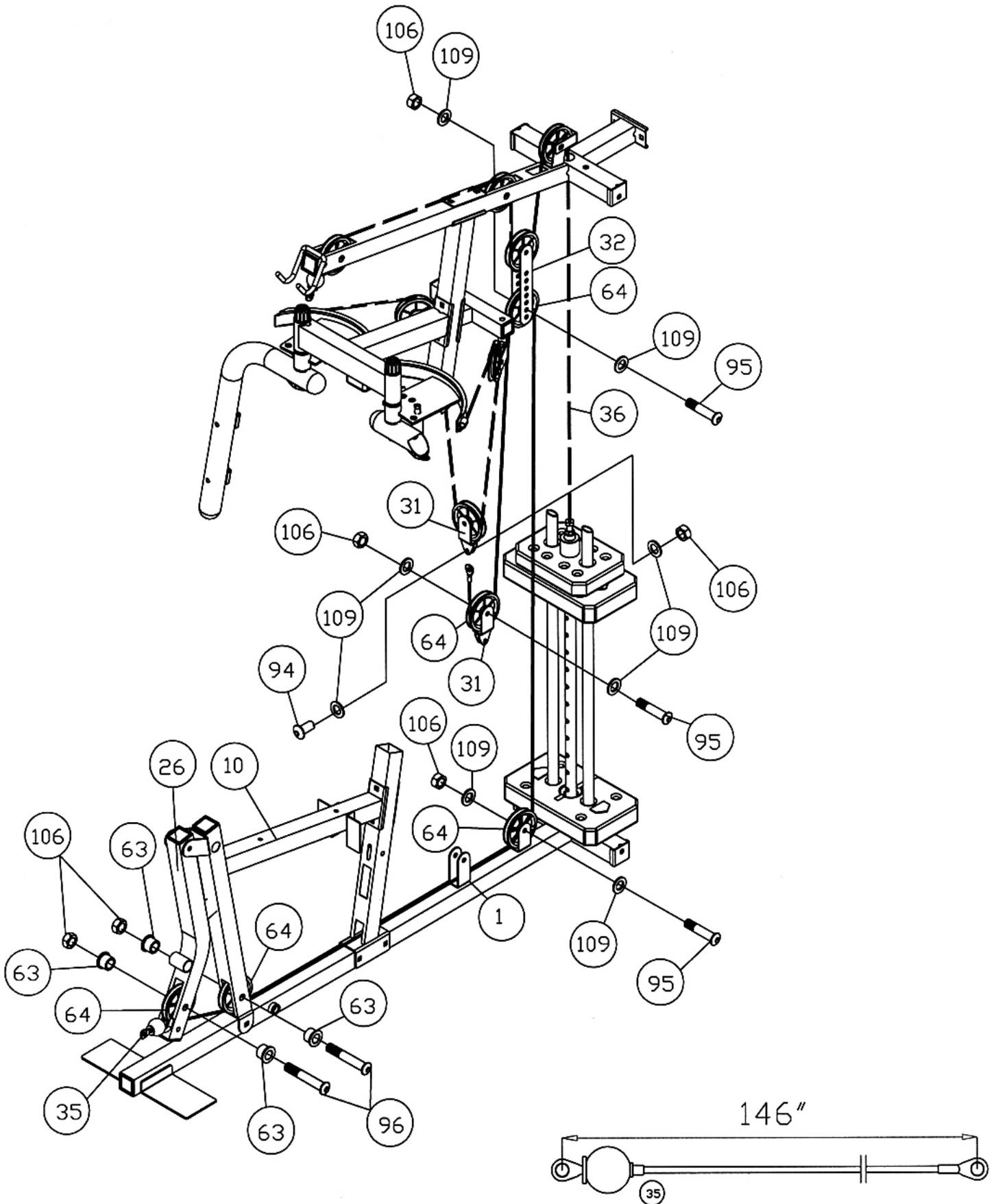
**DIAGRAM 12**



### **STEP 13 (See Cable Loop Diagram & Diagram 13)**

- A.) Attach the 146" Lower Cable (#35) to the lower opening on the Leg Developer (#26). Attach a Pulley (#64) to the opening. Secure it with one M10 x 2 3/8" Allen Bolt (#96), two Pulley Bushings (#63), and one M10 Aircraft Nut (#106).
- B.) Draw the Cable underneath the Pulley to the opening on the bottom of Right Seat Support (#10). Attach a Pulley to the opening and secure it with one M10 x 2 3/8" Allen Bolt (#96), two Pulley Bushings (#63), and one M10 Aircraft Nut (#106).
- C.) Draw the Cable underneath the Pulley then through the bottom opening on the Right Vertical Frame (#5) to the second open bracket on the Right Base Frame (#1).
- D.) Attach a Pulley to the second open bracket. Secure it with one M10 x 1 3/4" Allen Bolt (#95), two  $\varnothing$  3/4" Washers (#109), and one M10 Aircraft Nut (#106).
- E.) Draw the Cable around the Pulley then upward to the Double Floating Pulley Bracket (#32) previously installed in Step-11. Install a Pulley to the Brackets on selected hole. After completing all the Cable installation, come back to this step and check the tension of the Cable loop system. If the cables are too loose, move up the Pulley on the Bracket. Move down the Pulley if the Cables are too tight.
- F.) Draw the Cable around the Pulley then downward. Install a Pulley to an Angled Floating Pulley Bracket (#31).
- G.) Draw the Cable around the Pulley then upward to the Angled Floating Pulley Bracket (#31) previously installed in Step-12. Secure the Cable to the Bracket with one M10 x 1" Allen Bolt (#94), two  $\varnothing$  3/4" Washers (#109), and one M10 Aircraft Nut (#106).

DIAGRAM 13

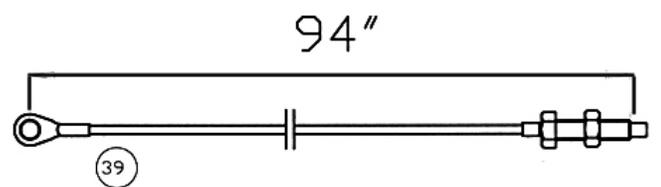
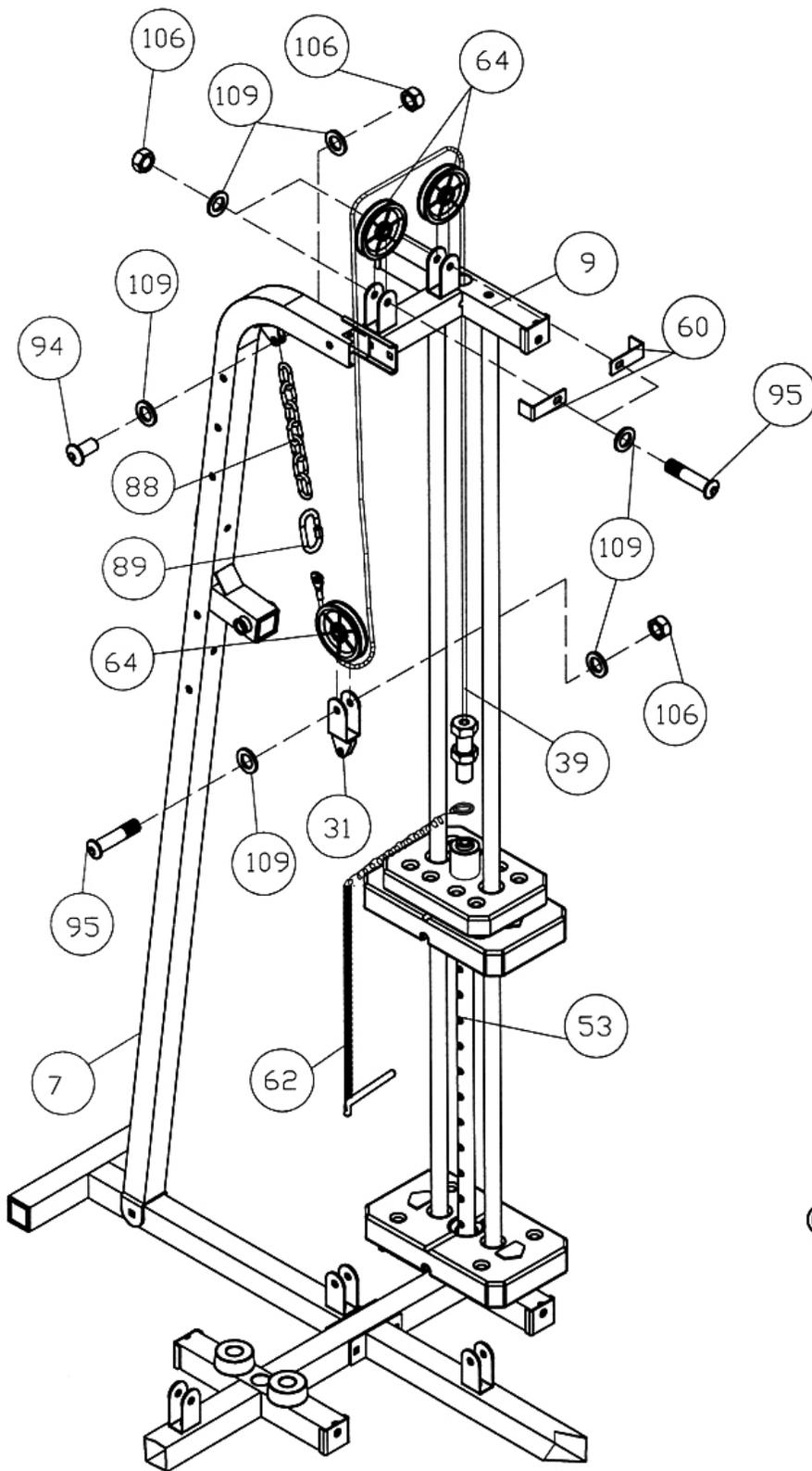




## **STEP 15 (See Diagram 15)**

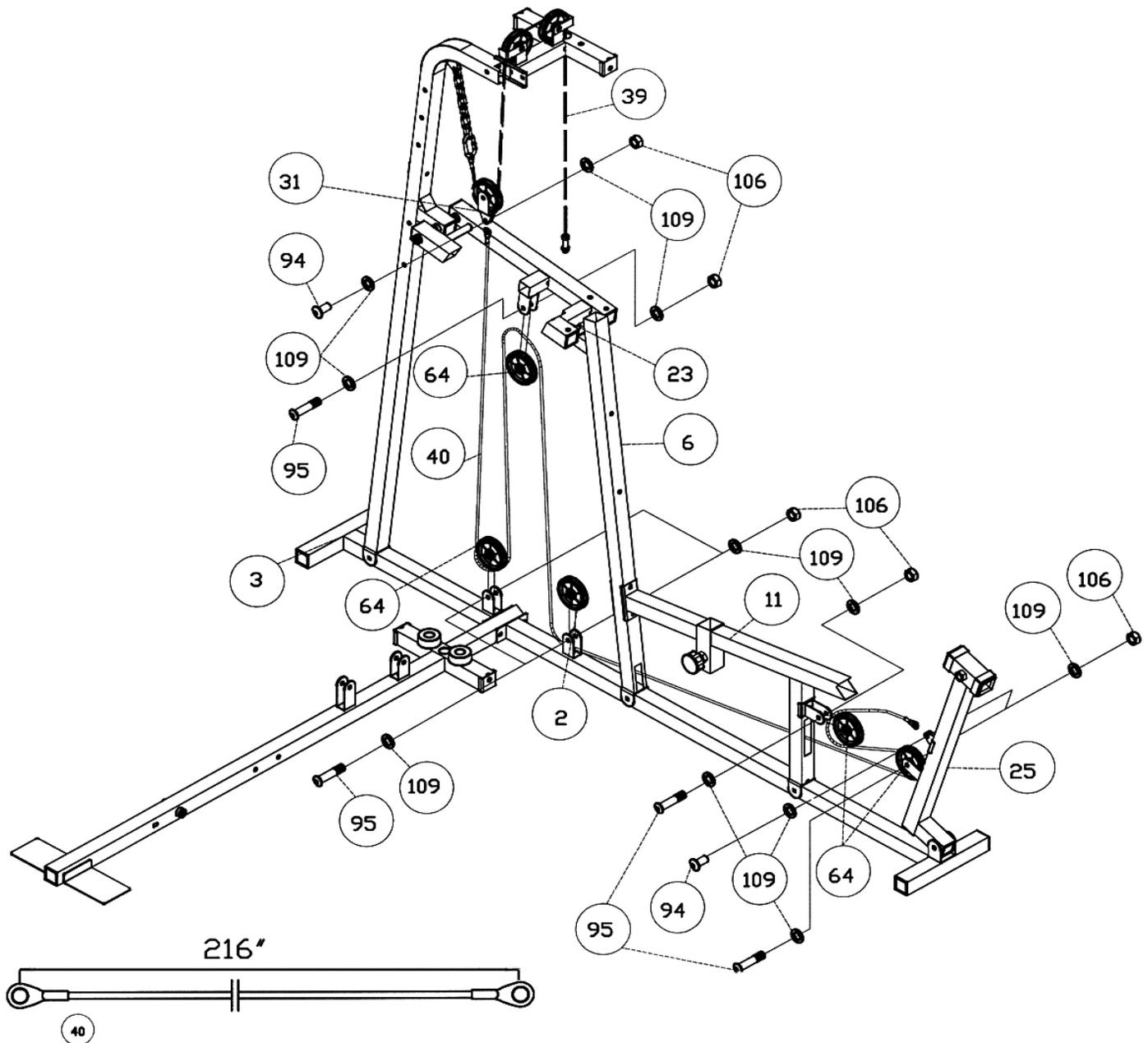
- A.) Attach a Short Chain (#88) to the open bracket on the Power Station Vertical Frame (#7). Secure it with one M10 x 1" Allen Bolt (#94), two  $\text{\O} \frac{3}{4}$ " Washers (#109), and one M10 Aircraft Nut (#106).
- B.) Connect the 94" Vertical Press Cable (#39) to the Short Chain with a C-clip (#89).
- C.) Install a Pulley to an Angled Floating Pulley Bracket (#31).
- D.) Draw the Cable around the Pulley then upward to the first open bracket on the Top Socket Assemble (#9).
- E.) Install a Pulley to the bracket with a L-shaped Cable Retainer (#60). Draw the Cable over the Pulley to the second open bracket. Repeat the same procedure to install another Pulley.
- F.) Draw the Cable around the Pulley then downward to the Selector Rod (#53). Attach the ring on the Selector Pin (#62) to the Selector Rod. Securely thread the end of the Cable into the Selector Rod. Use the Nut at end of the Cable to tighten down the Bolt.
- G.) After completing the cable installations, come back to this step and adjust the length of the Short Chain (#88). If the cables are too loose, shorten the Chain.

# DIAGRAM 15



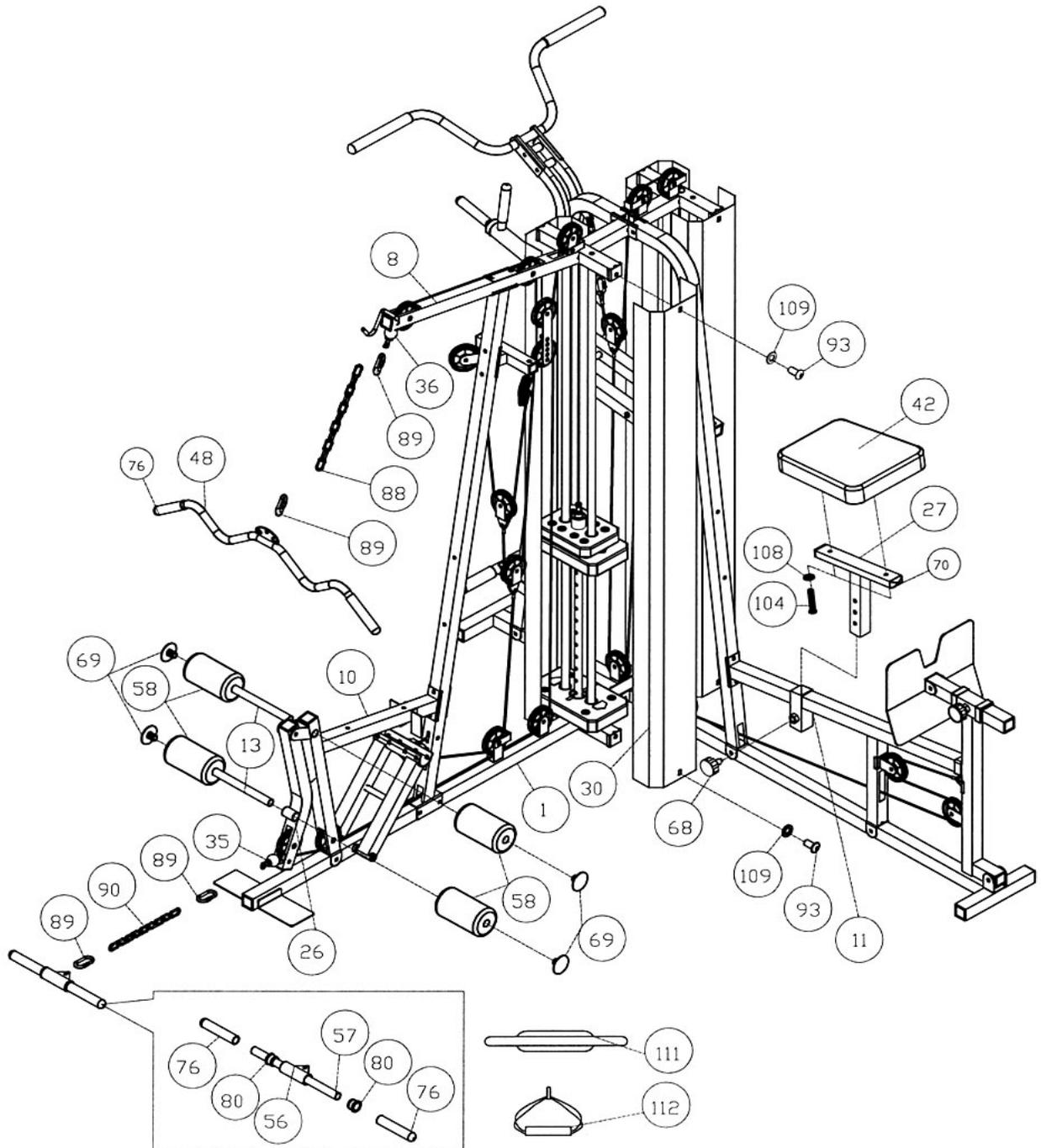
## STEP 16 (See Diagram 16)

- A.) Attach the 216" Leg Press Cable (#40) to the bracket on the back of Leg Press Frame (#25). Secure it with one M10 x 1" Allen Bolt (#94), two  $\text{\O} \frac{3}{4}$ " Washers (#109), and one M10 Aircraft Nut (#106). Draw the Cable to the open bracket on the Left Seat Support (#11). Install a Pulley to the bracket. Draw the Cable around the Pulley then back to the open bracket on the Leg Press Frame. Install another Pulley.
- B.) Draw the Cable around the Pulley then through the opening on the Left Seat Support (#11) and Left Vertical Frame (#6) to the open bracket on the Left Base Frame (#2). Install a Pulley to the bracket.
- C.) Draw the Cable underneath the Pulley then upward to the open bracket on the Vertical Press Base (#23). Install a Pulley.
- D.) Draw the Cable around the Pulley then downward to the open bracket on the Power Station Base Frame (#3). Install a Pulley to the bracket.
- E.) Draw the Cable around the Pulley then upward to the Angled Floating Pulley Bracket installed in Step-15. Secure it with one M10 x 1" Allen Bolt (#94), two  $\text{\O} \frac{3}{4}$ " Washers (#109), and one M10 Aircraft Nut (#106).



### STEP 17 (See Diagram 17)

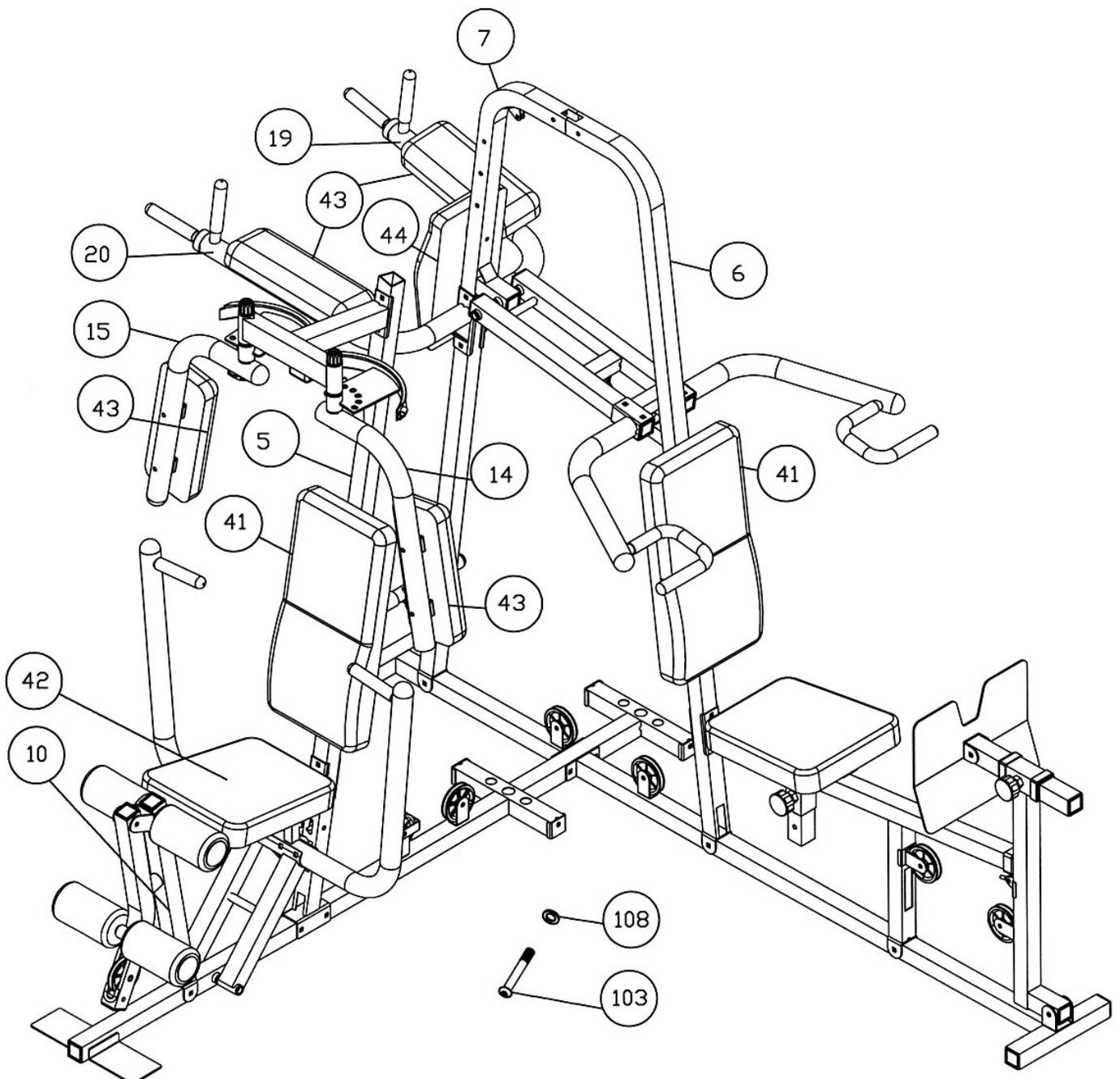
- A.) Place a Seat Pad (#42) onto the Seat Incline Adjustment Frame (#27). Secure it with two M8 x 1 5/8" Allen Bolts (#104) and  $\varnothing$  5/8" Washers (#108). Insert the Frame into the opening on the Left Seat Support (#11). Use a Lock Knob (#68) to secure the Seat at selected height.
- B.) Insert two Foam Tubes (#13) halfway through the holes on the Right Seat Support (#10) and the Leg Developer (#26). Push four Vinyl Foam Rolls (#58) onto the Tubes from both ends. Plug four Foam Roll End Caps (#69) into the ends.
- C.) Connect the Arm Curl Handle (#56) to the 146" Lower Cable (#35) with one Long Chain (#90) and two C-clips (#89).
- D.) Connect the Lat Bar (#48) to the 102" Upper Cable (#36) with one Short Chain (#88), and two C-clips (#89).
- E.) Cover the Weight Plates with four Weight Stack Covers (#30). Secure each Weight Stack Cover with two M10 x 5/8" Allen Bolts (#93) and  $\varnothing$  3/4" Washers (#109).



### STEP 18 (See Diagram 18)

- A.) Attach the Backrest Board (#41) to the Right & Left Vertical Frames (#5 & #6). Secure each Board with two M8 x 2 1/2" Allen Bolts (#103) and Ø 5/8" Washers (#108).
- B.) Attach the Power Station Backrest Board (#44) to the Power Station Vertical Frame (#7). Secure it with two M8 x 2 1/2" Allen Bolts (#103) and Ø 5/8" Washers (#108).
- C.) Place the Seat (#42) onto the Right Seat Support (#10). Secure it with two M8 x 2 1/2" Allen Bolts (#103) and Ø 5/8" Washers (#108).
- D.) Attach four Arm Pads (#43) to the Right and Left Butterfly (#15 & #14) and Dip Supports (#19 & #20). Secure each Arm Pad with two M8 x 2 1/2" Allen Bolts (#103) and Ø 5/8" Washers (#108).
- E.) To maximize the performance of the gym, it is recommended to use light lubricant such as WD-40 on the four chrome Guide Rods, which the weight plates slide up and down on, to minimize friction.

**DIAGRAM 18**



## PARTS LIST

| KEY NO. | DESCRIPTION                    | Q'ty |     |                                 |     |
|---------|--------------------------------|------|-----|---------------------------------|-----|
| 1       | Right Base Frame               | 1    | 59  | Axle                            | 2   |
| 2       | Left Base Frame                | 1    | 60  | L-shaped Cable Retainer         | 4   |
| 3       | Power Station Base Frame       | 1    | 61  | 2" Square End Cap               | 1   |
| 4       | Guide Rod                      | 4    | 62  | Weight Selector Pin             | 2   |
| 5       | Right Vertical Frame           | 1    | 63  | Pulley Bushing                  | 8   |
| 6       | Left Vertical Frame            | 1    | 64  | Pulley                          | 21  |
| 7       | Power Station Vertical Frame   | 1    | 65  | Small Pulley                    | 1   |
| 8       | Upper Frame                    | 1    | 66  | T-shaped Pull Pin Set           | 2   |
| 9       | Top Socket Assembly            | 1    | 67  | 2" x 1 3/4" Sleeve              | 2   |
| 10      | Right Seat Support             | 1    | 68  | Lock Knob                       | 2   |
| 11      | Left Seat Support              | 1    | 69  | Foam Roll End Cap               | 4   |
| 12      | Butterfly Support Frame        | 1    | 70  | 2" x 1" End Cap                 | 2   |
| 13      | Foam Tube                      | 2    | 71  | 1" Square End Cap               | 2   |
| 14      | Left Butterfly                 | 1    | 72  | 3/4" x 1 5/8" End Cap           | 4   |
| 15      | Right Butterfly                | 1    | 73  | 1 1/2" Square End Cap           | 3   |
| 16      | Front Press                    | 1    | 74  | 1 3/4" Square End Cap           | 17  |
| 17      | Chin-up Support                | 1    | 75  | Ø 2" Cone-shaped End Cap        | 8   |
| 18      | Chin-up Bar                    | 1    | 76  | 6" Handle Grip                  | 10  |
| 19      | Right Dip Support              | 1    | 77  | 17" Vertical Press Handle Grip  | 2   |
| 20      | Left Dip Support               | 1    | 78  | 5 1/4" Handle Grip              | 2   |
| 21      | Dip Handle                     | 2    | 79  | 12 3/4" Chin-up Handle Grip     | 2   |
| 22      | Ø 2" Sleeve                    | 2    | 80  | Ø 1 1/2" x 1" Bushing           | 2   |
| 23      | Vertical Press Base            | 1    | 81  | Ø 1" x Ø 1/2" Bushing           | 2   |
| 24      | Vertical Press Arm             | 2    | 82  | Ø 1" x Ø 7/8" Bushing           | 12  |
| 25      | Leg Press Frame                | 1    | 83  | Ø 3/4" x Ø 3/8" Bushing         | 2   |
| 26      | Leg Developer                  | 1    | 84  | 4 3/8" x 1 3/4" Bracket         | 3   |
| 27      | Seat Incline Adjustment Frame  | 1    | 85  | Ø 1 7/8" x 1 5/8" Rubber Bumper | 1   |
| 28      | Foot Step                      | 1    | 86  | Ø 2 1/2" x 1" Rubber Bumper     | 4   |
| 29      | Front Press Base               | 1    | 87  | Ø 1 1/2" x 5/8" Rubber Bumper   | 1   |
| 30      | Weight Stack Cover             | 4    | 88  | Short Chain                     | 2   |
| 31      | Angled Floating Pulley Bracket | 3    | 89  | C-clip                          | 5   |
| 32      | Double Floating Pulley Bracket | 2    | 90  | Long Chain                      | 1   |
| 33      | Lock Ring                      | 2    | 91  | Ø 1" Cone-shaped End Cap        | 2   |
| 34      | Ø 1 3/4" Rubber Bumper         | 2    | 92  | M10 x 2 7/8" Allen Bolt         | 1   |
| 35      | 146" Lower Cable               | 1    | 93  | M10 x 5/8" Allen Bolt           | 10  |
| 36      | 102" Upper Cable               | 1    | 94  | M10 x 1" Allen Bolt             | 15  |
| 37      | 76" Butterfly Cable            | 1    | 95  | M10 x 1 3/4" Allen Bolt         | 18  |
| 38      | 49" Front Press Cable          | 1    | 96  | M10 x 2 3/8" Allen Bolt         | 5   |
| 39      | 94" Vertical Press Cable       | 1    | 97  | M10 x 2 3/4" Carriage Bolt      | 4   |
| 40      | 216" Leg Press Cable           | 1    | 98  | M10 x 2 1/2" Carriage Bolt      | 26  |
| 41      | Backrest Board                 | 2    | 99  | M10 x 4 1/8" Carriage Bolt      | 2   |
| 42      | Seat                           | 2    | 100 | M10 x 4" Allen Bolt             | 3   |
| 43      | Arm Pad                        | 4    | 101 | M12 x 4 3/8" Hex Bolt           | 2   |
| 44      | Power Station Backrest Board   | 1    | 102 | M12 x 3" Hex Bolt               | 1   |
| 45      | Left Seat Support End Cap      | 1    | 103 | M8 x 2 1/2" Allen Bolt          | 16  |
| 46      | Butterfly Pulley Support       | 1    | 104 | M8 x 1 5/8" Allen Bolt          | 2   |
| 47      | Leg Press Adjustment Frame     | 1    | 105 | M6 x 5/8" Philips Screw         | 2   |
| 48      | Lat Bar                        | 1    | 106 | M10 Aircraft Nut                | 68  |
| 49      | Swivel Pulley Bracket          | 2    | 107 | M12 Aircraft Nut                | 3   |
| 50      | Butterfly Adjustment Frame     | 2    | 108 | Ø 5/8" Washer                   | 18  |
| 51      | Ø 1 1/2" x 7/8" Bushing        | 8    | 109 | Ø 3/4" Washer                   | 107 |
| 52      | Leg Press Plate                | 1    | 110 | Ø 1" Washer                     | 6   |
| 53      | Selector Rod                   | 2    | 111 | Ankle Strap                     | 1   |
| 54      | Weight Plate                   | 28   | 112 | Single Handle                   | 1   |
| 55      | Selector Stem                  | 2    |     | #6 Allen Wrench (Tool)          | 1   |
| 56      | Arm Curl Handle                | 1    |     | #5 Allen Wrench (Tool)          | 1   |
| 57      | Arm Curl Handle Bar            | 1    |     |                                 |     |
| 58      | Vinyl Foam Roll                | 4    |     |                                 |     |

# TSA-9900 WEIGHT RESISTANCE CHART

|                | <b>WEIGHT PLATE</b> |          |          |          |          |          |          |
|----------------|---------------------|----------|----------|----------|----------|----------|----------|
| <b>Station</b> | <b>1</b>            | <b>2</b> | <b>3</b> | <b>4</b> | <b>5</b> | <b>6</b> | <b>7</b> |
| Low Pulley     | 35                  | 45       | 55       | 65       | 75       | 85       | 95       |
| Lat Pull       | 15                  | 25       | 35       | 45       | 55       | 65       | 75       |
| Butterfly      | 10                  | 17       | 24       | 31       | 38       | 45       | 52       |
| Leg Press      | 30                  | 50       | 70       | 90       | 110      | 130      | 150      |
| Front Press    | 35                  | 50       | 65       | 80       | 95       | 110      | 125      |
| Vertical Press | 30                  | 43       | 56       | 69       | 82       | 95       | 108      |

|                | <b>WEIGHT PLATE</b> |          |           |           |           |           |           |
|----------------|---------------------|----------|-----------|-----------|-----------|-----------|-----------|
| <b>Station</b> | <b>8</b>            | <b>9</b> | <b>10</b> | <b>11</b> | <b>12</b> | <b>13</b> | <b>14</b> |
| Low Pulley     | 105                 | 115      | 125       | 135       | 145       | 155       | 165       |
| Lat Pull       | 85                  | 95       | 105       | 115       | 125       | 135       | 145       |
| Butterfly      | 73                  | 80       | 87        | 94        | 101       | 108       | 115       |
| Leg Press      | 170                 | 190      | 210       | 230       | 250       | 270       | 290       |
| Front Press    | 140                 | 155      | 170       | 185       | 200       | 215       | 230       |
| Vertical Press | 121                 | 134      | 147       | 160       | 173       | 186       | 200       |

\*Numbers are approximate. Actual weight may vary.

\*Value for butterfly is for each arm.

# **IMPEX INC.**

## **LIMITED WARRANTY**

IMPEX Inc. ("IMPEX") 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.

**IMPEX 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.

**[www.impex-fitness.com](http://www.impex-fitness.com)**  
**[info@impex-fitness.com](mailto: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