

NOTE:
Please read all
instructions carefully
before using this product



MARCY®
By IMPEX

ADVANTAGE HOME GYM

Table of Contents

Safety Notice

Hardware Identifier

Assembly Instruction

Weight Resistance
Chart

Parts List

Warranty

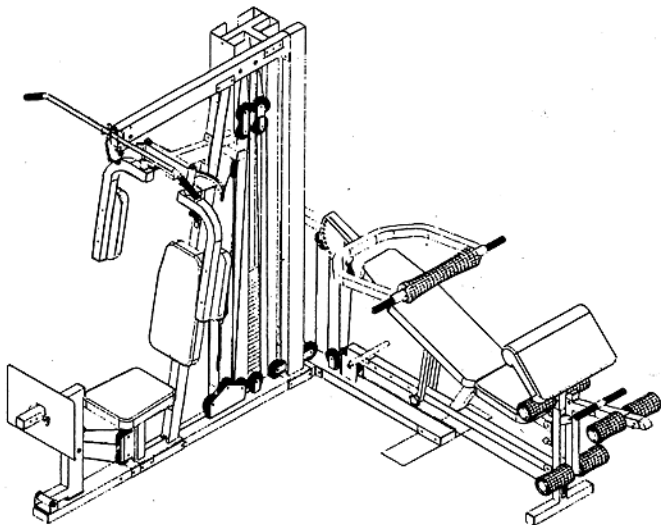
Ordering Parts

Model
ADV 9001

Retain This
Manual for
Reference

Apr. 2, 1999

OWNER'S
MANUAL



IMPEX INC.

14777 Don Julian Rd., City of Industry, CA 91746

(800) 999-8899 Fax (626) 961-9966

www.impex-fitness.com

TABLE OF CONTENTS

BEFORE YOU BEGIN.....	1
IMPORTANT SAFETY NOTICE.....	2
HARDWARE IDENTIFIER.....	3
ASSEMBLY INSTRUCTIONS.....	4
WEIGHT RESISTANCE CHART.....	18
PARTS LIST.....	19
WARRANTY.....	20
ORDERING PARTS.....	20

BEFORE YOU BEGIN

Thank you for selecting the Marcy Advantage Home Gym by IMPEX 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

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 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.

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.

HARDWARE IDENTIFIER

PLACE WASHER, END OF BOLT, OR SCREW
ON CIRCLE TO CHECK FOR CORRECT SIZE.

MILLIMETERS

M6



M8



M10



INCHES

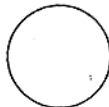
1/2"



5/8"



3/4"



REPLACEMENT PARTS

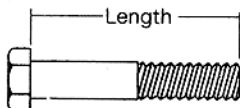
Thank you for purchasing IMPEX product. Although we go to great effort to ensure the quality of our products, occasionally errors or omissions occur. Should you find either a defective or missing part in this product, please contact us for a replacement at the telephone number.

QUESTION ?

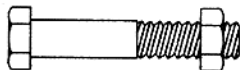


1-800-999-8899

NOTE: When installing a Aircraft Nut (also called Nylon or Lock Nut), Please use two adjustable wrenches to tighten down the Nut. Hold down the Bolt with one wrench, and use the other wrench to turn the Nut clockwise.



HEX HEAD BOLT



AIRCRAFT
NUT



FLAT
WASHER



ROUND
PLUG



SQUARE
PLUG

ASSEMBLY INSTRUCTION

Tools required to assembly the machine:

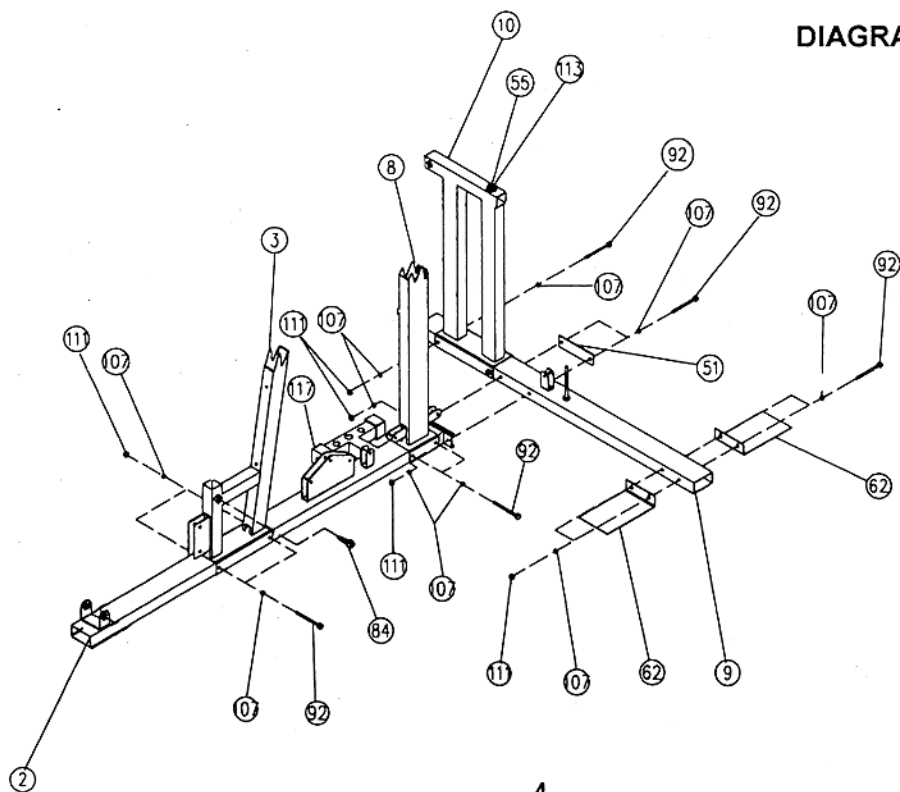
Two Adjustable Wrenches and Allen Wrenches

NOTE: It is strongly recommended that this machine be assembled by two or more people to avoid possible injury.

STEP 1 (SEE DIAGRAM 1)

- A.) Place the Front Base Frame (#2) firmly on the floor. Attach the Rear Base Frame (#9) to the back of the Front Base Frame (#2). Secure it with two M10 x 4 3/4" Bolts (#92), one 7"x2" Bracket (#51), four Ø7/8" Washers (#107), and two M10 Aircraft Nuts (#111). Attach two Foot Plates (#62) to end of the Rear Base Frame (#9). Align the holes and secure it with two M10 x 4 3/4" Bolts (#92), four Ø7/8" Washers (#107), and two M10 Aircraft Nuts (#111). Note: Do not tighten all the nuts and bolts yet. Only finger-tighten them for now.
- B.) Attach the Bench Press Support (#10) to the back of the Rear Base Frame (#9). Secure it with two M10 x 4 3/4" Bolts (#92), four Ø7/8" Washers (#107), and two M10 Aircraft Nuts (#111).
- C.) Attach the Front Vertical Frame (#3) to the Front Base Frame (#2). Secure it with two M10 x 4 3/4" Bolts (#92), four Ø7/8" Washers (#107), and two M10 Aircraft Nuts (#111).
- D.) Attach the Rear Vertical Frame (#8) to the Front Base Frame (#2). Secure it with two M10 x 4 3/4" Bolts (#92), four Ø7/8" Washers (#107), and two M10 Aircraft Nuts (#111).

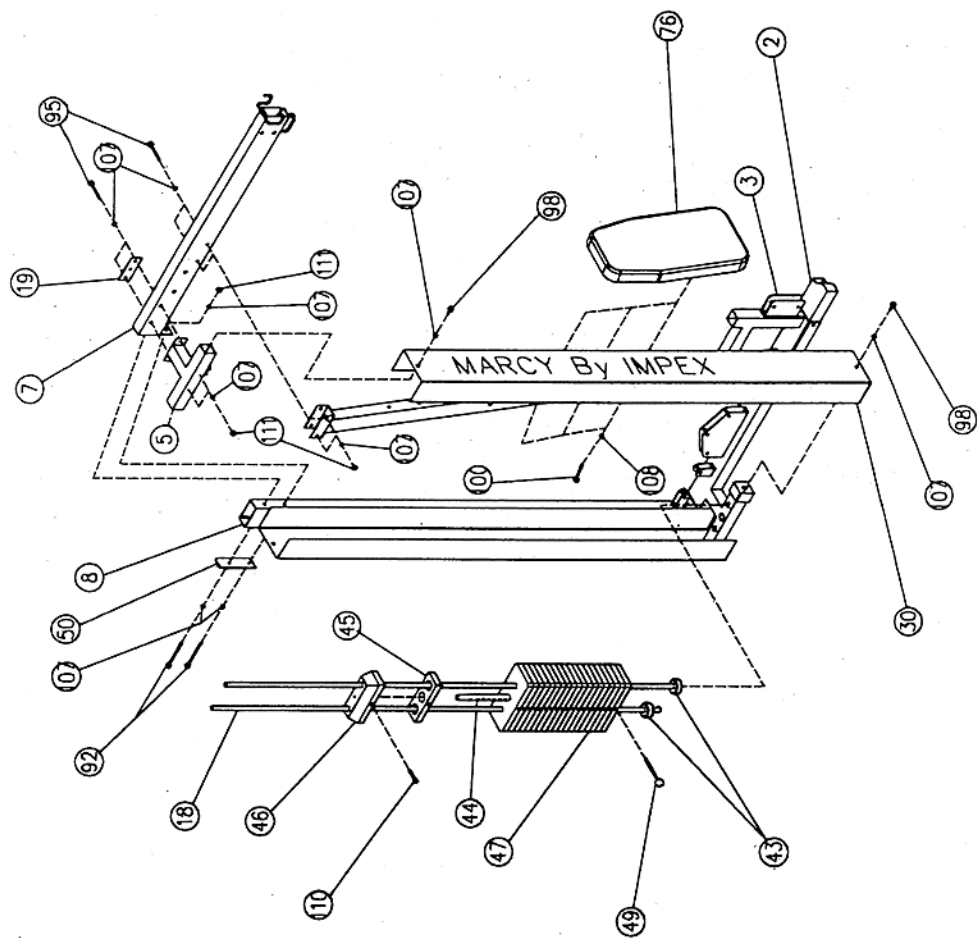
DIAGRAM 1



STEP 2 (SEE DIAGRAM 2)

- A.) Attach the Upper Frame (#7) to the top of the Front Vertical Frame (#3) and secure it with two M10 x 2 3/4" Bolts (#95), four Ø7/8" Washers (#107), and two M10 Aircraft Nuts (#111).
- B.) Attach the end of Upper Frame (#7) to the top of the Rear Vertical Frame (#8) and secure it with a 5 1/2" x 2" Bracket (#50), two M10 x 4 3/4" Bolts (#92), three Ø7/8" Washers (#107), and one M10 Aircraft Nut (#111).
- C.) Attach the Butterfly Station Backrest Pad (#76) to the Front Vertical Frame (#3). Secure it with three M8 x 3 1/4" Allen Bolts (#100) and Ø3/4" Washers (#108).
- D.) Place two Rubber Bumpers (#43) onto the Front Base Frame (#2). Align the two holes and push two Weight Plate Guide Rods (#18) through the Bumpers into the Front Base Frame (#2).
- E.) Slide nineteen selective Weight Plates (#47) from top of the Guide Rods (#18) down to the Front Base Frame (#2). **NOTE: The grove on the plates should always faces down and outside of the machine.** Insert the Selecting Rod (#44) into the center hole on the plates. Slide the Selector Stem (#46) onto the Guide Rods. Align the holes and secure the Selector Stem (#46) to the Selecting Rod (#44) with a M10 x 1 1/2" Socket Bolt (#110). Please note that the Top Plate (#45) is already inside the Selector Stem (#46).
- F.) Attach the Top Socket Assembly (#5) to top of the Weight Plate Guide Rods (#18). Secure it to the Upper Frame (#7) with two M10 x 2 3/4" Bolts (#95), four Ø7/8" Washers (#107), two M10 Aircraft Nuts (#111) and one Bracket (#19).
- G.) Attach two Weight Plate Covers (#30) to the Top Socket Assembly (#5). Secure them with two M10 x 1" Bolts (#98) and Ø7/8" Washers (#107). Secure the bottom to the Front Base Frame (#2) with two M10 x 1" Bolts (#98) and Ø7/8" Washers (#107).

DIAGRAM 2



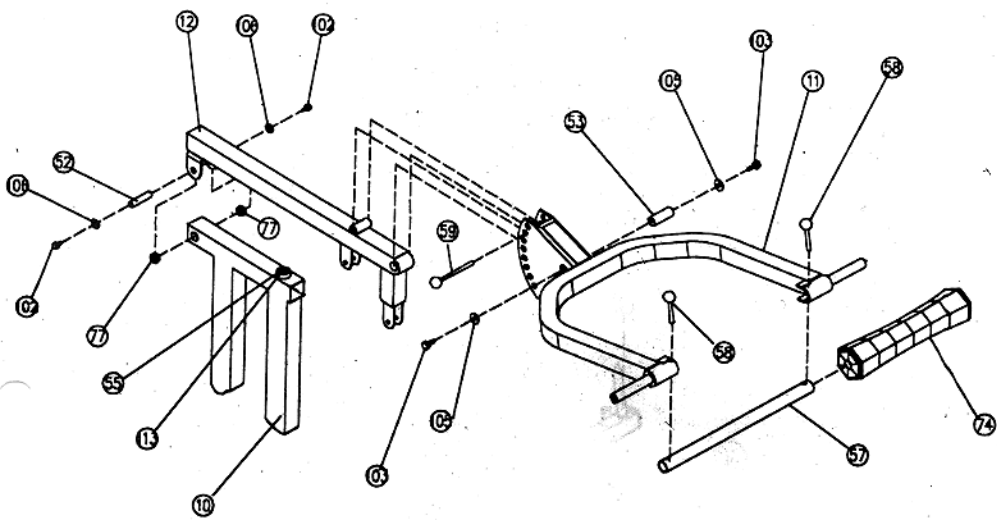
STEP 3**(SEE DIAGRAM 3)**

- A.) Attach the Horizontal Frame (#20) to the Front Leg (#23) and secure them with one M10 x 3" Bolt (#94), two $\varnothing 7/8"$ Washers (#107) and one M10 Aircraft Nut (#111).
- B.) Attach the Horizontal Frame (#20) onto the axle on the Rear Base Frame (#9). Secure it with one M8 x 5/8" Allen Bolt (#102), one $\varnothing 1"$ Washer (#106) and two $\varnothing 7/8"$ Bushings (#77).
- C.) Attach the Decline Stopper (#73) to the Horizontal Frame (#20). Secure it with one M10 x 3 1/4" Bolt (#93), two $\varnothing 7/8"$ Washers (#107) and one M10 Aircraft Nut (#111).
- D.) Attach the Main Seat Support (#78) to the Front Leg (#23). Secure it with one M10 x 3" Bolt (#94), two $\varnothing 7/8"$ Washers (#107) and one M10 Aircraft Nut (#111).
- E.) Attach the other end of Main Seat Support (#78) to the Horizontal Frame (#20). Place the Bracket (#19) underneath the Horizontal Frame and secure it with two M10 x 2 1/4" Bolts (#95), four $\varnothing 7/8"$ Washers (#107) and two M10 Aircraft Nuts (#111).
- F.) Attach the Backrest Supports (#22) to the pivot on the Main Seat Support (#78). Attach the Backrest Adjustment Bar (#21) to the Supports (#22) and secure them with one M10 x 7 1/4" Bolt (#104), two $\varnothing 7/8"$ Washers (#107) and two M10 Aircraft Nuts (#111). Attach the other end of Backrest Adjustment Bar (#21) to the Horizontal Frame (#20) and secure with a Long Knob (#75).
- G.) Attach the Bench Station Backrest Pad (#116) to the Backrest Supports (#22) and secure it with four M6 x 1 1/2" Bolts (#99) and four $\varnothing 1/2"$ Washers (#109).
- H.) Attach the Bench Press Seat (#70) to the Main Seat Support (#78) and secure it with four M6 x 1 1/2" Bolts (#99) and four $\varnothing 1/2"$ Washers (#109).
- I.) Insert the Axle (#61) into the Leg Developer (#24). Attach the Leg Developer (#24) to the Front Leg (#23) and secure it with two M8 x 5/8" Allen Bolts (#102) and $\varnothing 3/4"$ Washers (#108).
- J.) Insert three Foam Roll Tubes (#25) halfway through the holes on the Leg Developer. Push six Foam Rolls (#85) onto the Tubes. Plug six End Caps (#86) into the end of Tubes.
- K.) Attach the Arm Curl Handle (#27) to the Leg Developer (#24) and secure it with a 3" L-Shaped Pin (#60) and a Spring Clip (#79). Insert Arm Curl Tube (#28) halfway through the Arm Curl Handle (#27) and push two Grips (#82) onto the Tube.
- L.) Attach the Arm Curl Pad (#72) to the Arm Curl Stand (#26). Secure it with two M8 x 5/8" Allen Bolts (#102) and $\varnothing 3/4"$ Washers (#108). Insert the Stand into the opening on the Front Leg (#23) and secure it with a Quick Release Pin (#84).

[illegible]

STEP 4**(SEE DIAGRAM 4)**

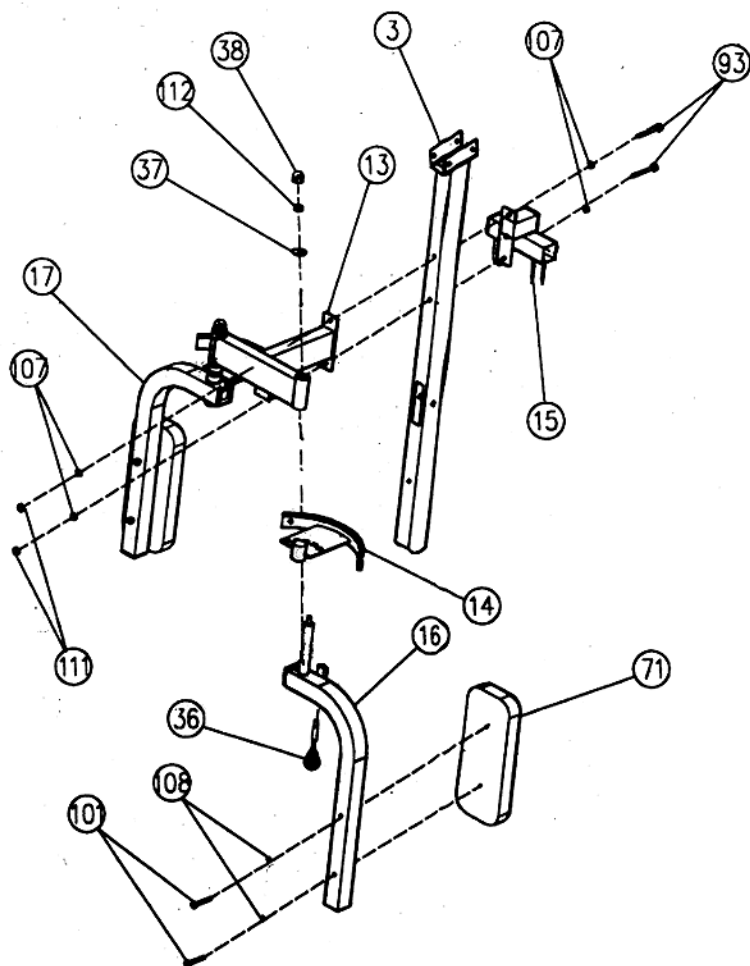
- A.) Attach two $\varnothing 7/8"$ Bushings (#77) to the Bench Press Support (#10). Attach the Bench Press Pivot Arm (#12) to the Bushings and insert a $\varnothing 5/8"$ x $2\frac{3}{4}"$ Axle (#52). Secure it with two M8 x $5/8"$ Allen Bolts (#102) and $\varnothing 1"$ Washers (#106).
- B.) Attach the Bench Press Arm (#11) to the Bench Press Pivot Arm (#12). Insert a $\varnothing 1"$ x $2\frac{1}{2}"$ Axle (#53) through the hole. Secure it with two M10 x $3/4"$ Allen Bolts (#103) and $\varnothing 1\frac{1}{8}"$ Washers (#105). Insert the Long Pin (#59) through the hole on Bench Press Arm (#11) to secure the position.
- C.) Push the Squat Foam Roll (#74) halfway onto the Squat Bar (#57). Attach the Bar to the Bench Press Arm (#11) and secure it with two Short Pins (#58). Note: Remove the Squat Bar when doing the Bench Press exercises.

DIAGRAM 4

STEP 5 (SEE DIAGRAM 5)

- A.) Attach the Butterfly Support (#13) and the Butterfly Pulley Frame (#15) to the Front Vertical Frame (#3). Secure them with two M10 x 3 1/4" Bolts (#93), four Ø7/8" Washers (#107), and two M10 Aircraft Nuts (#111).
- B.) Place A Butterfly Cable Guide (#14) onto the axle on the Left Butterfly Arm (#16). Insert the Left Butterfly Arm (#16) through the hole on the Butterfly Support (#13). Secure it with one Ø1 1/2" Washer (#37), M10 Aircraft Nut (#112) and Cone Shape Cap (#38).
- C.) Attach a Butterfly Pad (#71) to the Left Butterfly Arm (#16). Secure it with two M8 x 2 1/2" Allen Bolts (#101) and Ø 3/4" Washers (#108).
- D.) Repeat the above procedures C, D, and E to install the other Butterfly Arm.

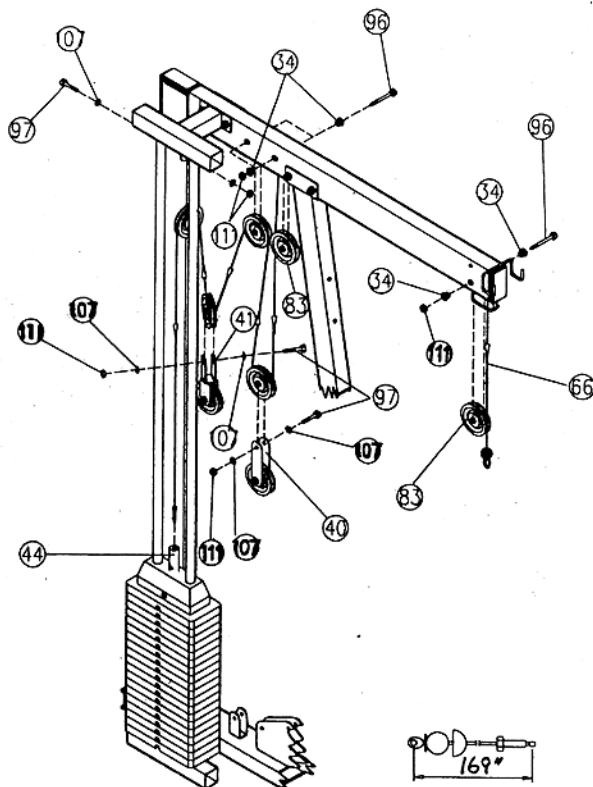
DIAGRAM 5



STEP 7 (SEE DIAGRAM 7 & 10)

- A.) Attach the 169" Upper Cable (#66) to the front of the Upper Frame (#7). Insert the Cable into the Upper Frame towards the back of the machine. If having trouble getting the Cable through, temporarily remove the two bolts that connect the Upper Frame to the Front Vertical Frame. (See Diagram 10 for direction of the cable)
- B.) Attach a Pulley (#83) to the beginning of the Cable. Secure it to the Upper Frame with one M10 x 2 1/2" Bolt (#96), two Ø1/2" Bushings (#34), and one M10 Aircraft Nut (#111).
- C.) Pull the end of the Cable downward through the slotted hole on the Upper Frame (#7). Attach a Pulley (#83) to the Upper Frame. Secure it with one M10 x 2 1/2" Bolt (#96), two Ø1/2" Bushings (#34), and one M10 Aircraft Nut (#111).
- D.) Attach another Pulley and two Double Floating Pulley Brackets (#40) to the Cable at mid-span. Secure it with one M10 x 1 3/4" Bolt (#97), two Ø7/8" Washers (#107), and one M10 Aircraft Nut (#111). Let the Pulley and Bracket hanging for now.
- E.) Draw the Cable upward back to the Upper Frame. Install another pulley.
- F.) Draw the Cable downward again and attach another Pulley to the cable. Attach an Angled Double Pulley Bracket (#41) to the Pulley and secure it with one M10 x 1 3/4" Bolt (#97), two Ø7/8" Washers (#107), and one M10 Aircraft Nut (#111). Let the Pulley and Bracket hanging for now.
- G.) Draw the Cable upward to the Top Socket Assembly (#5). Install a Pulley (#83) with one M10 x 1 3/4" Bolt (#97), two Ø7/8" Washers (#107), and one M10 Aircraft Nut (#111). Pull the Cable downward towards the Selector Stem (#46). Screw the Bolt on the end of the Cable into the Selecting Rod (#44).

DIAGRAM 7



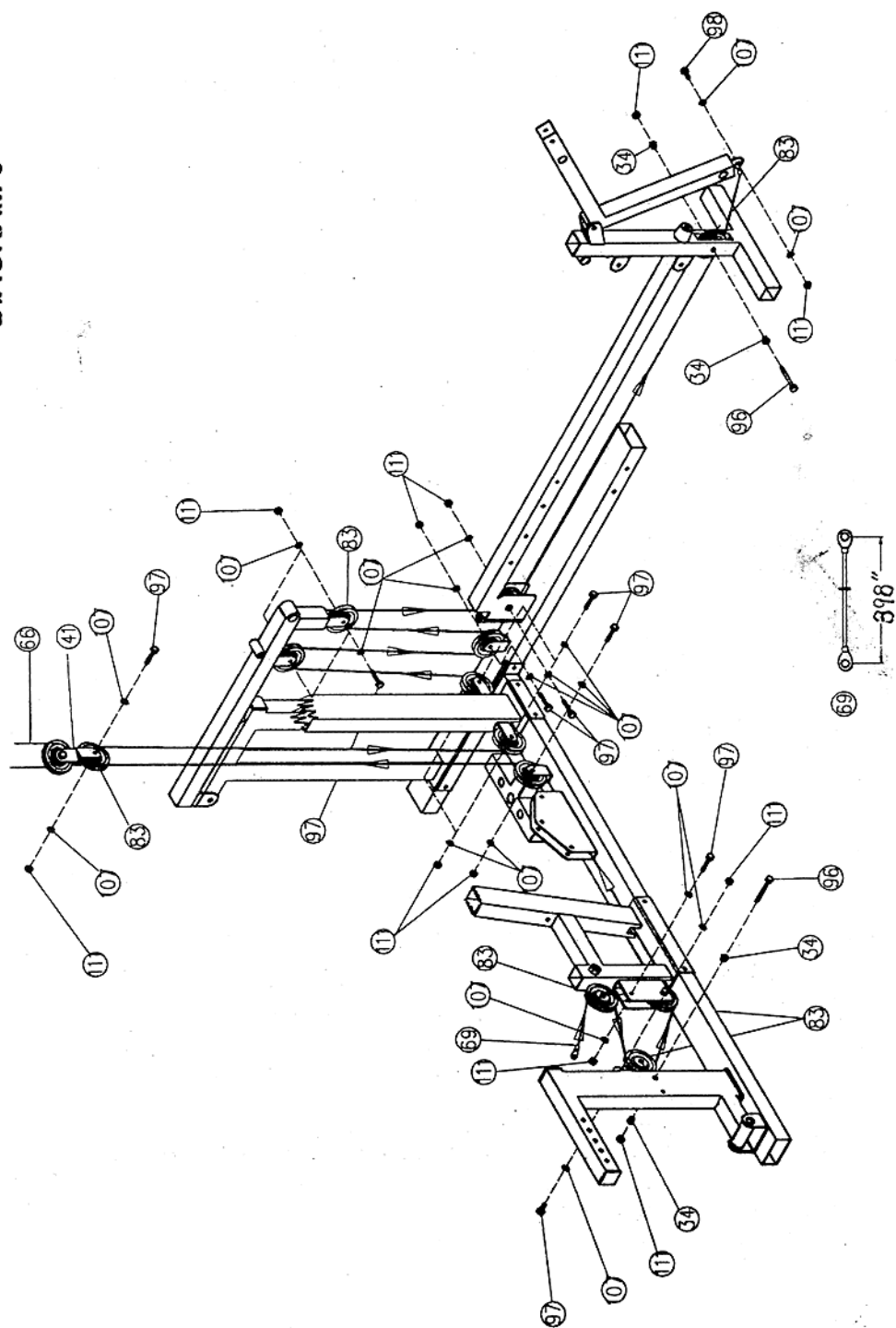
STEP 8 (SEE DIAGRAM 8, 10 & 11)

- A.) Locate the 398" Leg Press Cable (#69). Attach one end of the Cable to the Leg Press. Secure it with one M10 x 1" Bolt (#98), two Ø7/8" Washers (#107), and one M10 Aircraft Nut (#111).
- B.) Draw the Cable towards the bracket on the Front Vertical Frame (#3). Install a Pulley (#83) with one M10 x 1 ¾" Bolt (#97), two Ø7/8" Washers (#107), and one M10 Aircraft Nut (#111). (See Diagram 10 for direction of the cable.)
- C.) Draw the Cable back to the Leg Press. Install another Pulley with one M10 x 2 ½" Bolt (#96), two Ø1/2" Bushings (#34), and one M10 Aircraft Nut (#111).
- D.) Draw the Cable back to the bracket on the Front Vertical Frame. Install another Pulley. Draw the Cable towards back of the machine through the holes on the bottom of the Front Vertical Frame. (See Diagram 10 for direction of the cable.)
- E.) Draw the Cable to the small bracket on the Base Frame. Install a Pulley with one M10 x 1 ¾" Bolt (#97), two Ø7/8" Washers (#107), and one M10 Aircraft Nut (#111).
- F.) Draw the Cable upward towards the Angled Double Pulley Bracket (#41) previously install in STEP 7F. Install a Pulley then draw the Cable downward towards the bracket on the bottom of the Rear Vertical Frame (#8). Install another pulley then draw the Cable through the bottom of the Rear Vertical Frame.
- G.) Install another Pulley on the back of the Rear Vertical Frame. Draw the Cable upward to the bracket underneath the Bench Press Pivot Arm (#12). Install another Pulley.
- H.) Draw the Cable downward to the bracket on the Rear Base Frame (#9). Install a Pulley. Then draw the Cable back up again to the Bench Press Pivot Arm (#12). Install a Pulley.
- I.) Draw the Cable downward through the opening on the Horizontal Frame (#20). Install a Pulley. (See Diagram 11 for direction of the Cable).
- J.) Draw the Cable towards the other end of the Horizontal Frame (#20). Install a Pulley to the bottom of the Front Leg (#23). Draw the Cable through the slotted hole on the Front Leg then attach the end of the Cable to the Leg Developer.

STEP 9 (SEE DIAGRAM 9)

- A.) Attach one end of the 98" Butterfly Cable (#68) to the Butterfly Cable Guide (#14). Secure it with one M10 x 1" Bolt (#98), two Ø7/8" Washers (#107), and one M10 Aircraft Nut (#111). Attach the other end of the Cable to the other Cable Guide. See Diagram 9.
- B.) Draw the Cable (#68) to the bracket underneath the Butterfly Pulley Frame (#15). Attach Pulley (#83) to the bracket. Secure it with one M10 x 1 ¾" Bolt (#97), two Ø7/8" Washers (#107), and one M10 Aircraft Nut (#111). Repeat the same procedure to install the other side.
- C.) Pull the Cable downward and attach a Pulley (#83) in the mid-span. Attach a Single Floating Pulley Bracket (#39) to the Pulley and secure it with one M10 x 1 ¾" Bolt (#97), two Ø7/8" Washers (#107), and one M10 Aircraft Nut (#111). Attach a Chain (#42) to the Bracket with one M10 x 1" Bolt (#98), two Ø7/8" Washers (#107), and one M10 Aircraft Nut (#111). Let the Chain hanging for now.

DIAGRAM 8



STEP 10**(SEE DIAGRAM 9 & 10)**

- A.) Insert the 196" AB Cable (#67) through the slotted hole on the Front Vertical Frame (#3). Install a Pulley (#83) to the hole and secure it with one M10 x 2 1/2" Bolt (#96), two Ø7/8" Washers (#107), two Ø1/2" Bushings (#34), and one M10 Aircraft Nut (#111).
- B.) Draw the Cable downward between the two Plates. Install two Pulleys (#83) with two M10 x 1 3/4" Bolts (#97), four Ø7/8" Washers (#107), and two M10 Aircraft Nuts (#111). (See Diagram 10 for direction of the Cable.)
- C.) Draw the Cable upward towards the Double Floating Bracket (#40) previously installed in STEP 7D. Install a Pulley (#83). Draw the Cable downward back towards the two Plates. Install another Pulley then draw the Cable upward again towards the Chain (#42) previously installed in STEP 9C. Secure it with a

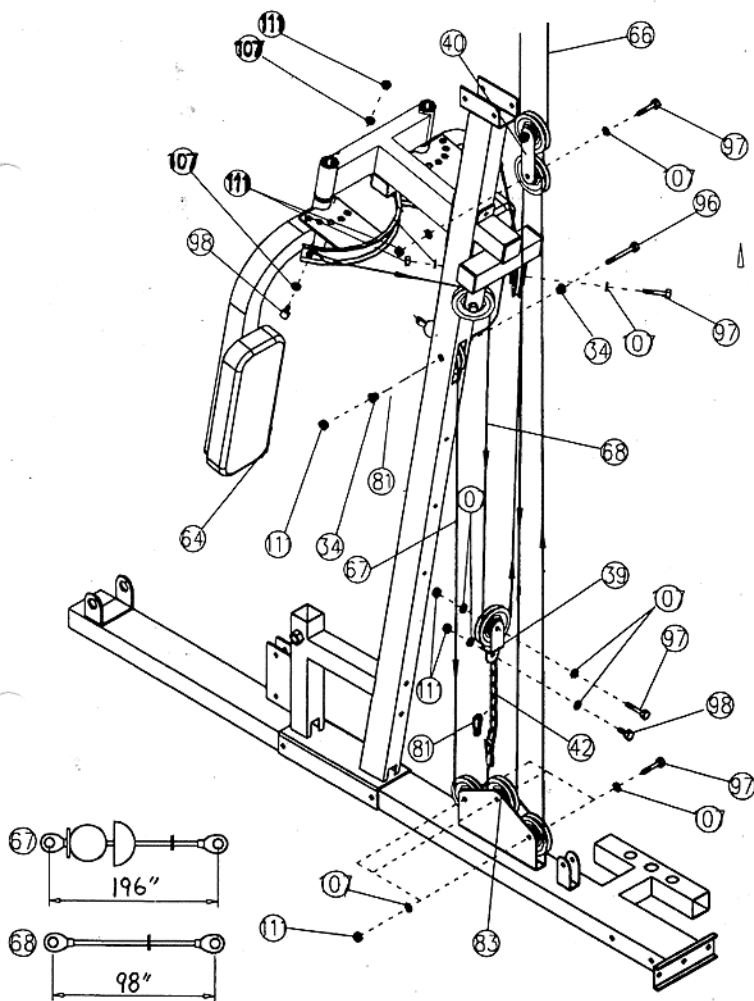
DIAGRAM 9

DIAGRAM 10

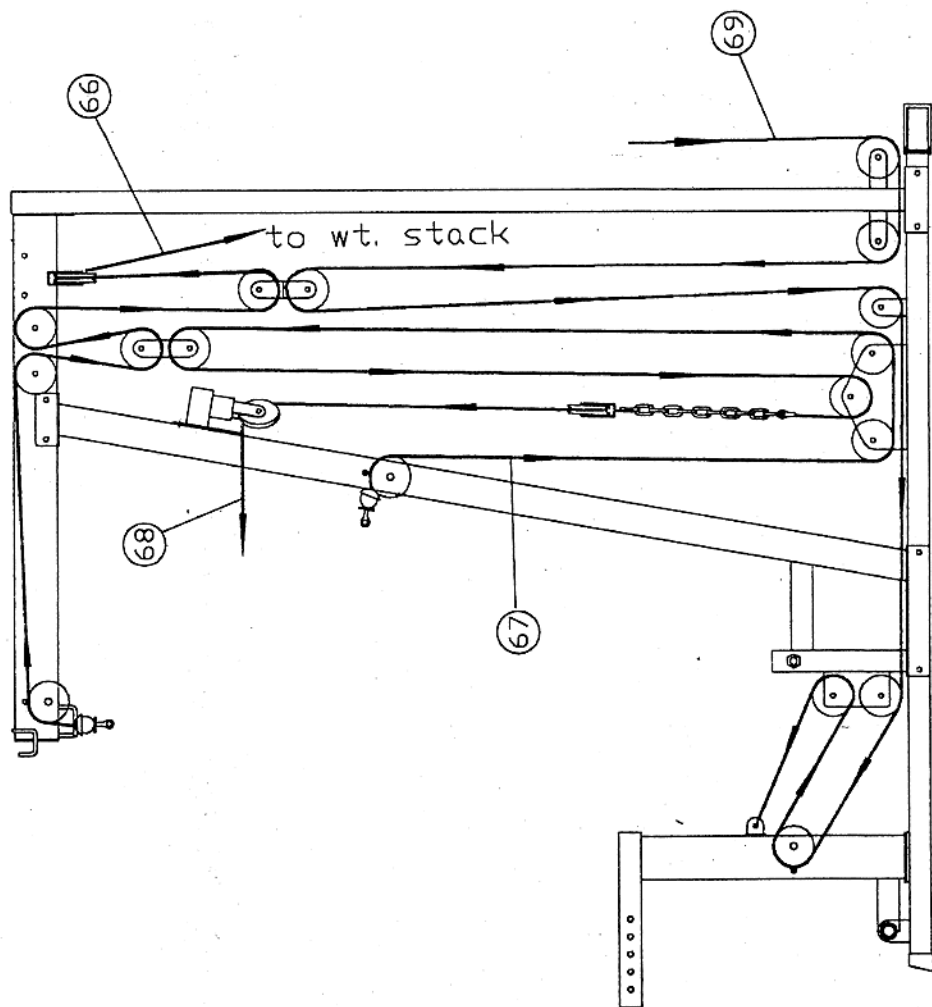
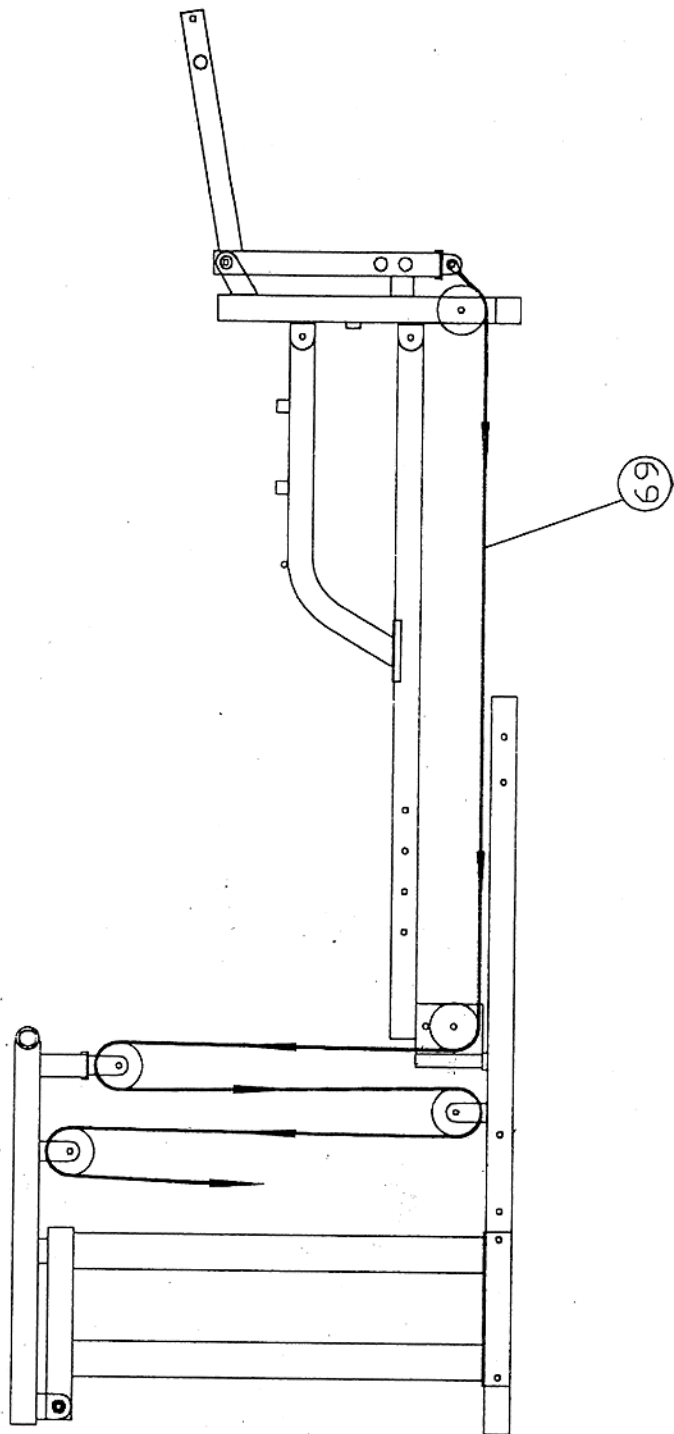


DIAGRAM 11



WEIGHT RESISTANCE CHART

This chart shows the approximate weight resistance at each station. The "Top" refers to the 10 lb. selector stem. The other numbers refer to the number of plates below the stem.

WEIGHT PLATES	BENCH PRESS (lbs.)	LEG/ARM CURL (lbs.)	HIGH PULLEY (lbs.)	LEG PRESS (lbs.)	AB PULLEY (lbs.)	BUTTER FLY (lbs.)
Top	10	10	10	10	10	5
1	20	20	20	20	20	10
2	30	30	30	30	30	15
3	40	40	40	40	40	20
4	50	50	50	50	50	25
5	60	60	60	60	60	30
6	70	70	70	70	70	35
7	80	80	80	80	80	40
8	90	90	90	90	90	45
9	100	100	100	100	100	50
10	110	110	110	110	110	55
11	120	120	120	120	120	60
12	130	130	130	130	130	65
13	140	140	140	140	140	70
14	150	150	150	150	150	75
15	160	160	160	160	160	80
16	170	170	170	170	170	85
17	180	180	180	180	180	90
18	190	190	190	190	190	95
19	200	200	200	200	200	100

- Weight resistance shown for the butterfly station is for each arm.
- Actual resistance may vary.

PARTS LIST

Part No.	Description	Q'ty	Part No.	Description	Q'ty
1.	Leg Press Frame	1	47.	Weight Plate	19
2.	Front Base Frame	1	48.	Manual	1
3.	Front Vertical Frame	1	49.	Selector Pin	1
4.	Seat Post	1	50.	5 1/2" x 2" Bracket	1
5.	Top Socket Assembly	1	51.	7" x 2" Bracket	1
6.	Leg Press Plate	1	52.	Ø5/8" x 2 1/4" Axle	1
7.	Upper Frame	1	53.	Ø1" x 2 1/2" Axle	1
8.	Rear Vertical Frame	1	54.	1 3/4" Bumper	1
9.	Rear Base Frame	1	55.	1 1/2" Bumper	1
10.	Bench Press Support	1	56.	Rotating Handle	2
11.	Bench Press Arm	1	57.	Squat Bar	1
12.	Bench Press Pivot Arm	1	58.	Short Pin	2
13.	Butterfly Support	2	59.	Long Pin	1
14.	Butterfly Cable Guide	2	60.	3" L-Shaped Pin	1
15.	Butterfly Pulley Frame	1	61.	Leg Developer Axle	1
16.	Left Butterfly	1	62.	Foot Plate	2
17.	Right Butterfly	1	63.	4" x 2" End Plug	2
18.	Weight Plate Guide Rod	2	64.	AB Strap	1
19.	Bracket	2	65.	4" x 2" End Cap	3
20.	Horizontal Frame	1	66.	169" Upper Cable	1
21.	Backrest Adjustment Bar	1	67.	<u>196" AB Cable</u>	1
22.	Backrest Support	2	68.	<u>98" Butterfly Cable</u>	1
23.	Front Leg	1	69.	<u>398" Leg Press Cable</u>	1
24.	Leg Developer	1	70.	Bench Press Seat	1
25.	Foam Roll Tube	3	71.	Butterfly Pad	2
26.	Arm Curl Stand	1	72.	Arm Curl Pad	1
27.	Arm Curl Handle	1	73.	Decline Stopper	1
28.	Arm Curl Tube	1	74.	Squat Foam Roll	1
29.	Lat Bar	1	75.	Long Knob	1
30.	Weight Plate Cover	2	76.	Butterfly Station Backrest Pad	1
31.	Leg Press Axle	1	77.	Ø7/8" Bushing	4
32.	Ø1" Bushing	10	78.	Main Seat Support	1
33.	Cushion Pad	1	79.	Spring Clip	1
34.	Ø1/2" Bushing	12	80.	Butterfly Station Seat	1
35.	6" L-Shaped Pin	1	81.	Clip	3
36.	Long Pull Pin	2	82.	Grip	4
37.	Ø1 1/2" Washer	2	83.	Pulléy	26
38.	Cone Shape Cap	2	84.	Quick Release Pin	2
39.	Single Floating Pulley Bracket	1	85.	Foam Roll	6
40.	Double Floating Pulley Bracket	2	86.	End Cap	6
41.	Angled Double Pulley Bracket	1	87.	2" Square Flat End Cap	17
42.	Chain	2	88.	1" Square End Cap	2
43.	Rubber Bumper	2	89.	Ø1" Round End Cap	2
44.	Selecting Rod	1	90.	2" Sleeve	2
45.	Top Plate	1	91.	2" End Cap	3
46.	Selector Stem	1	92.	M10 x 4 1/4" Bolt	12

Part No.	Description	Q'ty
93.	M10 x 3 ¼" Bolt	3
94.	M10 x 3" Bolt	2
95.	M10 x 2 ¼" Bolt	6
96.	M10 x 2 ½" Bolt	6
97.	M10 x 1 ¼" Bolt	20
98.	M10 x 1" Bolt	9
99.	M6 x 1 ¼" Bolt	8
100.	M8 x 3 ¼" Allen Bolt	3
101.	M8 x 2 ½" Allen Bolt	6
102.	M8 x 5/8" Allen Bolt	7
103.	M10 x ¾" Allen Bolt	6
104.	M10 x 7 ¼" Bolt	1
105.	Ø1 1/8" Washer	6
106.	Ø1" Washer	3
107.	Ø7/8" Washer	101
108.	Ø3/4" Washer	13
109.	Ø ½" Washer	8
110.	M10 x 1 ½" Socket Bolt	1
111.	M10 Aircraft Nut	55
112.	M12 Aircraft Nut	2
113.	M6 x 5/8" Screw	2
114.	Single Cross Pull Handle	1
115.	1 ¾" Square End Cap	2
116.	Bench Station Backrest Pad	1
117.	2" Square Rubber Cap	2