

NOTE:
Please read all
instructions carefully
before using this product

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Model
SM-4231

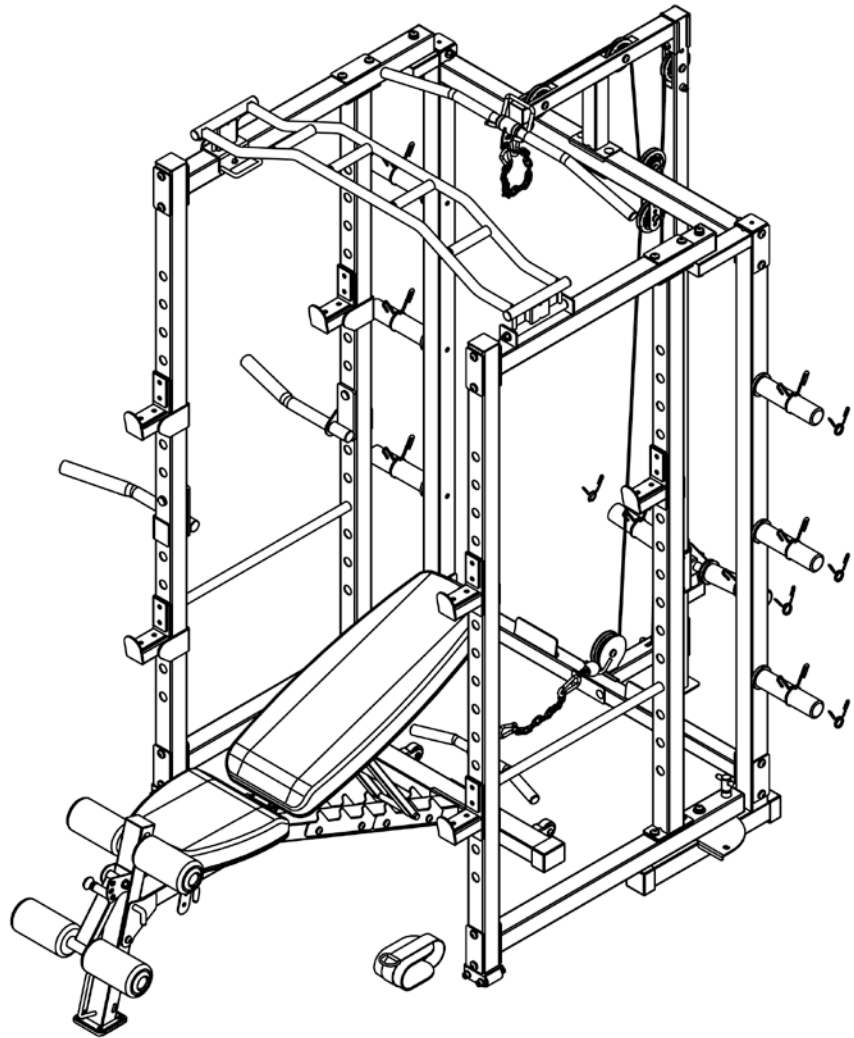
Retain This
Manual for
Reference

160614

**OWNER'S
MANUAL**

MARCY®

FOLDABLE CAGE SYSTEM SM-4231



IMPORTANT: Please read this manual before commencing
assembly of this product.

IMPEX® INC.

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BEFORE YOU BEGIN

Thank you for selecting MARCY FOLDABLE CAGE SYSTEM SM-4231 by IMPEX® INC. For your safety and benefit, read this manual carefully before using the equipment. As a manufacturer, we are committed to providing you with 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.

Toll-Free Customer Service Number

1-800-999-8899

Mon. – Fri. 9 a.m. – 5 p.m. PST

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IMPORTANT SAFETY NOTICE

This exercise equipment 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 equipment. In particular, note the following safety precautions:

1. **Keep children and pets away from the equipment at all times. DO NOT leave children unattended in the same room with the equipment.**
2. Only one person at a time should use the equipment.
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 equipment on a clear, leveled surface. DO NOT use the equipment 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 equipment. Running or aerobic shoes are also required when using the equipment.
7. Use the equipment 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 equipment.
9. Disabled persons should not use the equipment.
10. Before using the equipment to exercise, always do stretching exercises to properly warm up.
11. Never operate the equipment if the equipment is not functioning properly.
12. A spotter is recommended during exercise.
13. **This equipment is designed and intended for home and consumer use only, not for commercial use.**

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.

EXERCISE GUIDELINES

Building Muscle and Gaining Weight

Unlike aerobic exercise, which emphasizes endurance training, anaerobic exercise focuses on strength training. A gradual weight gain can occur while building the size and strength of muscles. While developing muscle mass, your body adapts to the stress placed upon it. You can modify your diet to include foods such as meat, fish and vegetables. These foods help muscles recover and replenish important nutrients after a strenuous workout.

Muscle Strength and Endurance

To achieve the greatest benefit from exercise, it is important to develop an exercise program that allows you to work all of the major muscle groups equally.

To increase muscle strength, follow this principle:

Increasing resistance and maintaining the number of repetitions of an exercise results in increased muscle strength.

To tone your body, follow this principle: Decreasing resistance plus increasing the number of repetitions of an exercise results in increased body tone.

Once you feel comfortable with an exercise, you can change the resistance, the number of repetitions, or the speed at which you do the exercise. It is not necessary to change all three variables. For example, let's say that you are training at 23 kg (50 lb.) and performing the exercise 10 times in 3 minutes. When this becomes too easy, you may decide to move up to lifting 27 kg (60 lb.) for the same number of repetitions in the same amount of time. Lifting more weights fewer times most often develops muscle strength. To gain both muscle strength and endurance, it is recommended that you perform each exercise 15 to 20 reps per set.

Training Intensity

How hard you begin to train depends on your overall level of fitness. The soreness you experienced can be lessened by decreasing the load you place on your muscles and by performing fewer sets. To avoid injury, you should gradually work into an exercise program and set the load to your individual fitness level. The load should increase as your fitness level increases.

Muscle soreness is common, especially when you first start exercising. If you are painfully sore for a long time, it may be time to change your program. Eventually, your muscle system will become accustomed to the stress and strain placed on it.

Beginning a Strength Building Program

Warming Up

To begin strength training, it is important to stretch and perform light exercise for 5 to 10 minutes. This helps prepare the body for more strenuous exercise by increasing circulation, raising your body temperature and developing more oxygen to your muscles.

Workout

For each workout, to keep in mind that muscle soreness that lasts for a long period is not desirable and may mean that injury has occurred.

Cool Down

At the end of each workout, perform slow stretching exercises for 5 to 10 minutes. Ease into each stretch only going as far as you can. This stage allows your muscles to wind down after training.

To provide a total workout program it is also recommended that 2 to 3 days of aerobic exercise is performed in addition to the strength training.

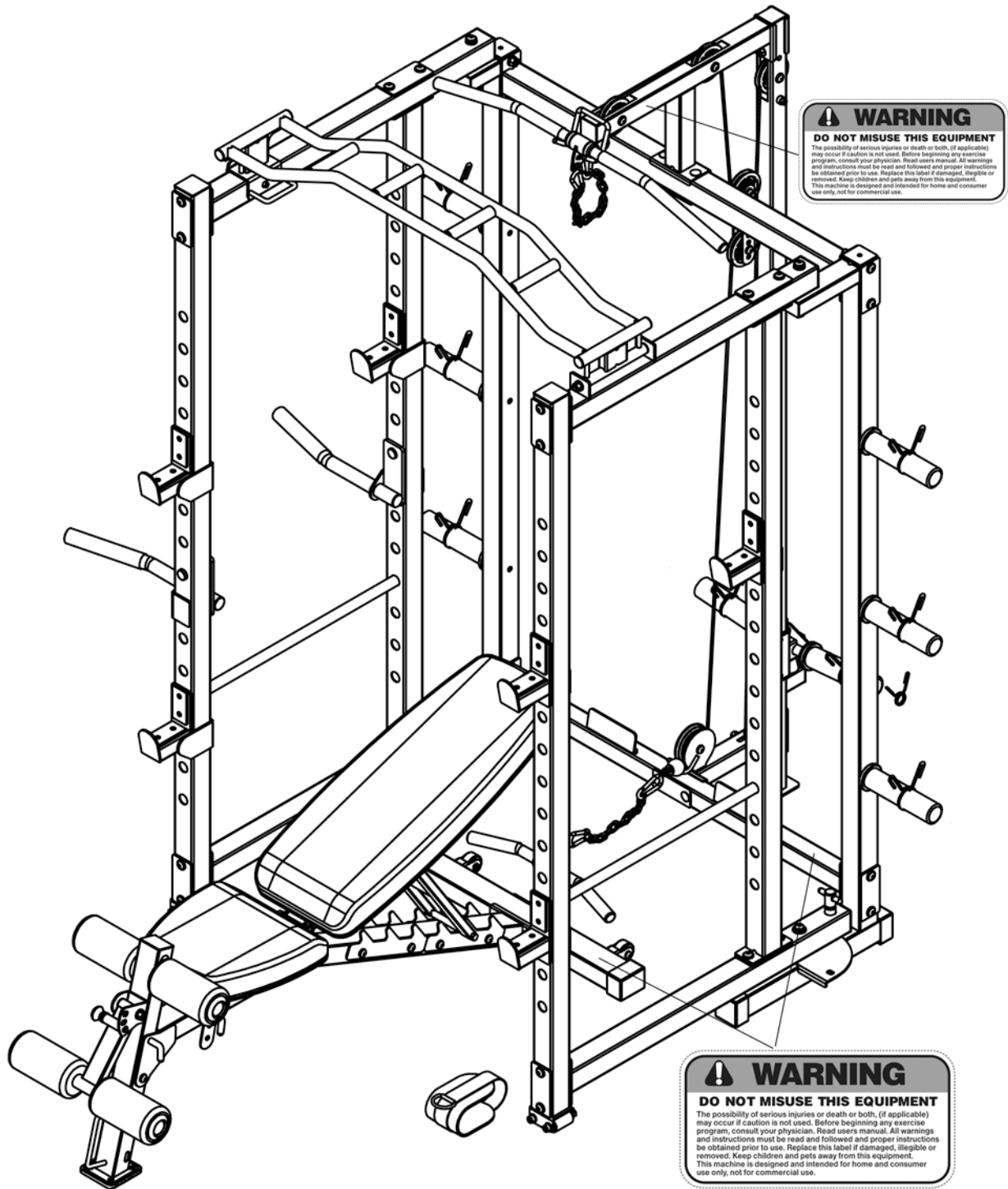
Drinking Water

For the body to function properly, it must be properly hydrated. If you are exercising, you should increase your fluid intake. The reason for this is that the water you take in will leave your system through the sweating mechanism that cools your body during exercise. The water you lose through exercise must be replaced so that the muscles can recover properly.

Rest Day

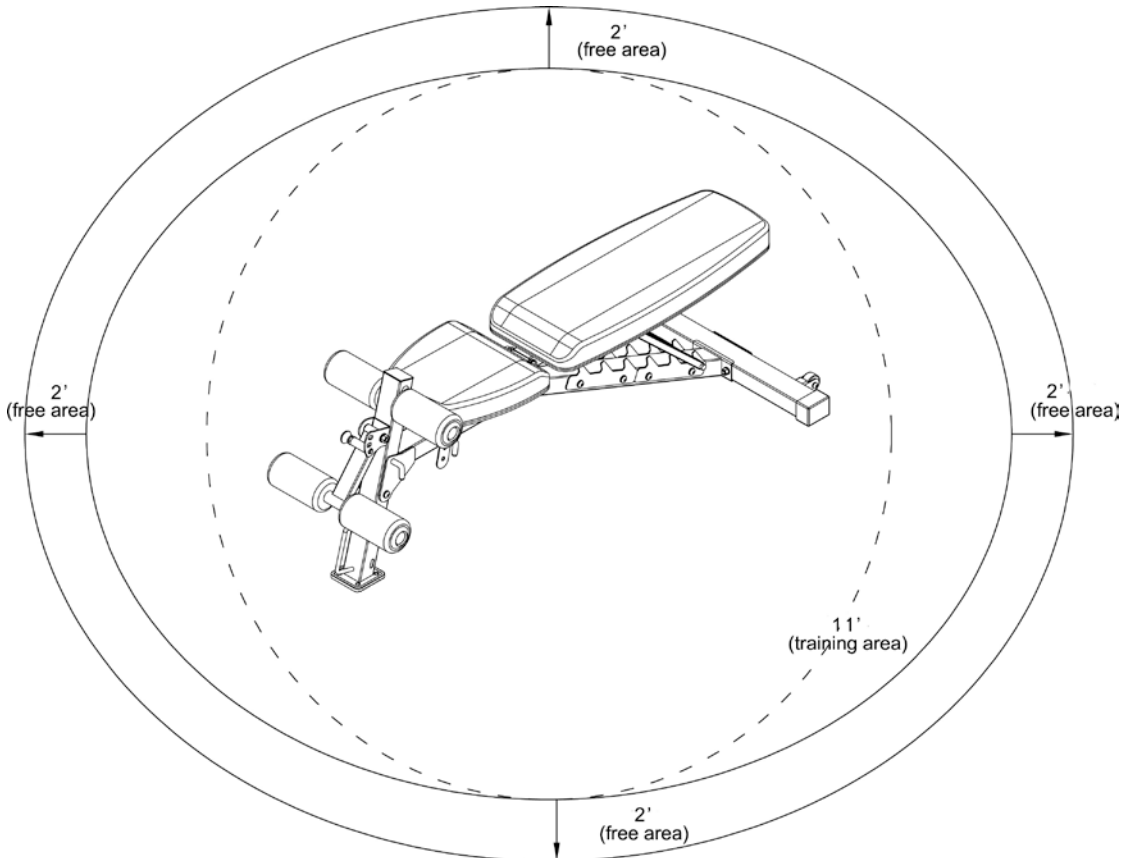
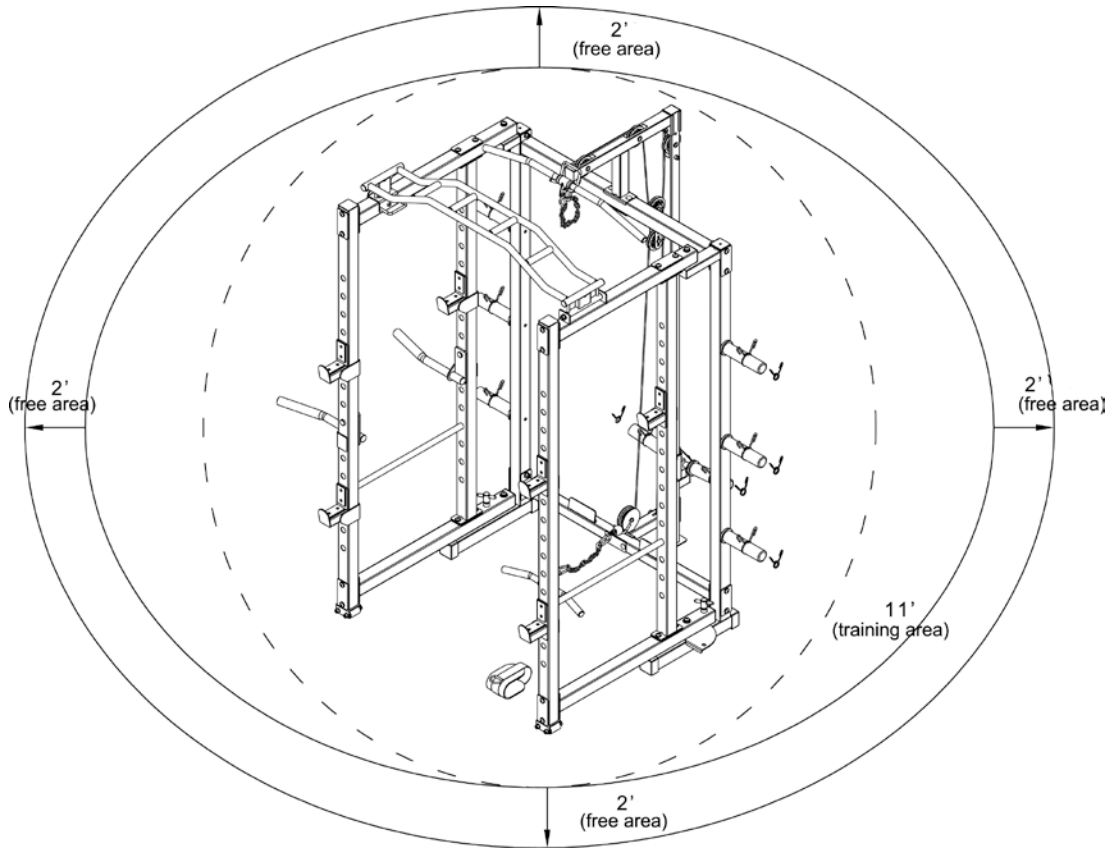
Although you may not feel like doing it, taking a rest day at least once a week is important because it gives your body a chance to heal itself. Continuously working your muscles will result in over-training, which will not benefit you in the long run.

WARNING LABEL PLACEMENT



The warning labels shown here have been placed on the Rear Lower Cross Brace and Rear Base. 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.

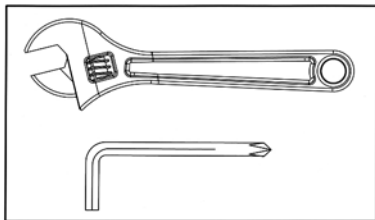
FREE AND TRAINING AREA



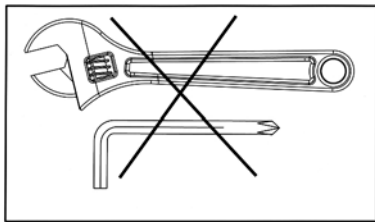
IMPORTANT ASSEMBLY INFORMATION

- ❖ Tools required for assembling the bench: Two adjustable Wrenches and Allen wrenches.
- ❖ NOTE: It is strongly recommended that this equipment be assembled by two or more people to avoid possible injury.
- ❖ Ensure **Carriage Bolts** are inserted through the **SQUARE holes** on components that need to be assembled. Attach washer only to end of the Carriage Bolt.
- ❖ Use **Allen Bolts or Hex Bolts** inserted through the **ROUND hole** on components that need to be assembled.
- ❖ Always wait until all bolts are assembled onto the bench before tightening the bolts. Do not tighten each bolt right after it is installed

Fasten Nuts and Bolts



Securely tighten all nuts and bolts after all components have been assembled in current and previous steps.
NOTE: Do not over-tighten any component with pivoting function.
Make sure all pivoting components are able to move freely.



Do not tighten all nuts and bolts in this step.

WEIGHT CAPACITY AND DIMENSION

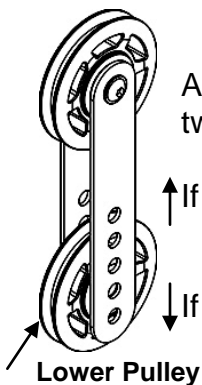
1. Maximum user weight: 300 lbs.
2. Maximum weight on each side of Sliding Weight Post (#16): 300 lbs (150lbs on each side)
3. Maximum weight on Weight Storage Post: 100 lbs
4. Maximum weight on Bar Catches: 300 lbs
5. Maximum weight on Bench: 600lbs (including user weights)
6. Cage assembled dimensions: 61" x 71.75" x 86.75" Cage folded dimension:32" x 65" x 86.75"
7. Bench assembled dimensions: 67" x 28" x 47.25" Bench folded dimension:67.5" x 28" x 16"

CARE AND MAINTENANCE

1. Lubricate moving parts with WD-40 or light oil periodically.
2. Inspect and tighten all parts before using the equipment.
3. The equipment can be cleaned using a damp cloth and mild non-abrasive detergent.
DO NOT use solvents.
4. Examine the equipment regularly for signs of damage or wear.
5. Replace any defective components immediately and/or keep the equipment out of use until repair.
6. **Failure to examine regularly may affect the safety level of the equipment.**

OPERATION NOTES

Cable Tension Adjustment



Adjust the tension of the Cable System by moving the position of lower Pulley on the two Double Floating Pulley Brackets.

↑ If the tension is too loose, move the lower pulley up by one hole.

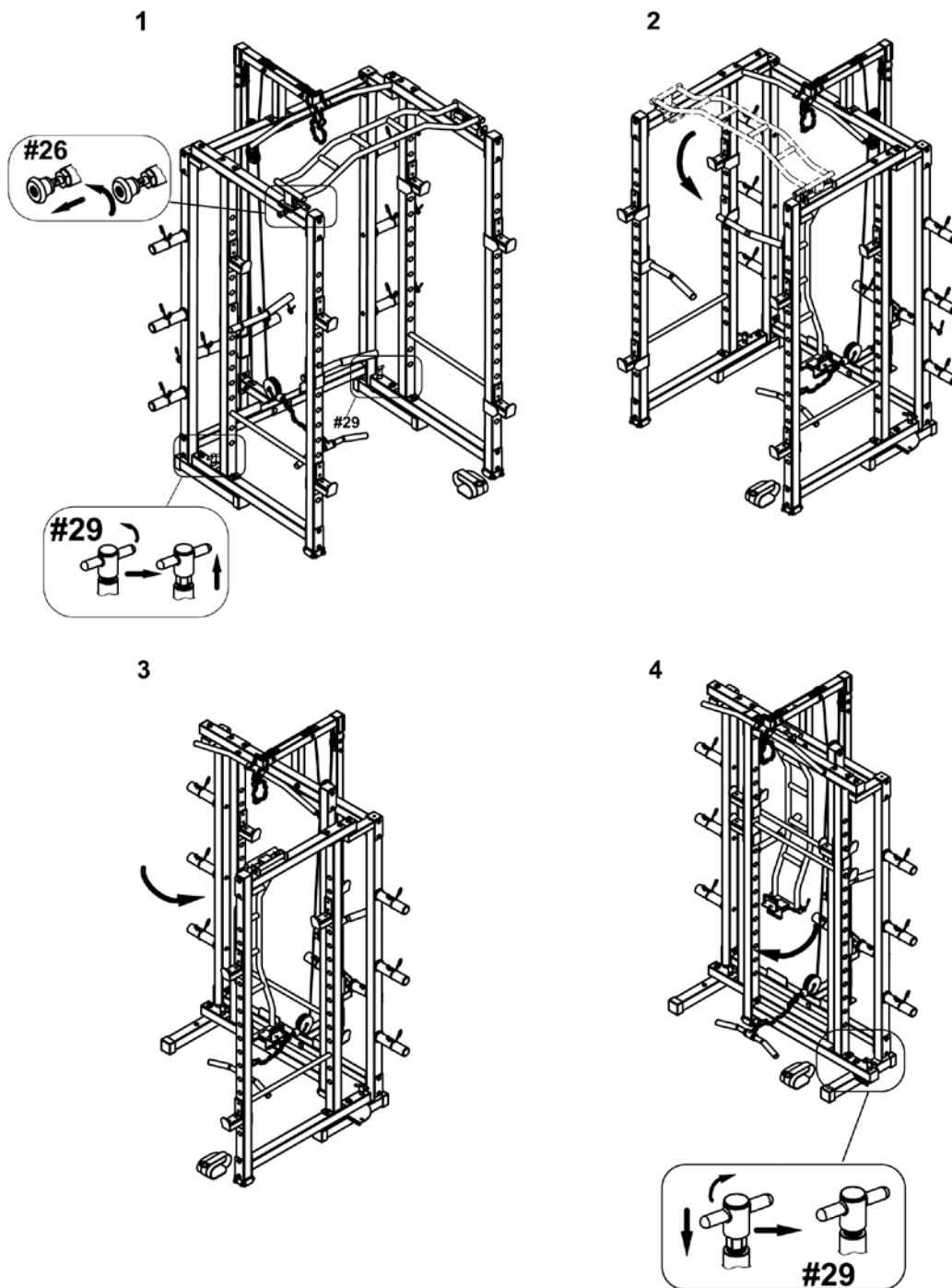
↓ If the tension is too tight, move the lower pulley down by one hole.

Bench Transport

Grape the holder on Bench Front Post, lift the front Bench and roll to transport.

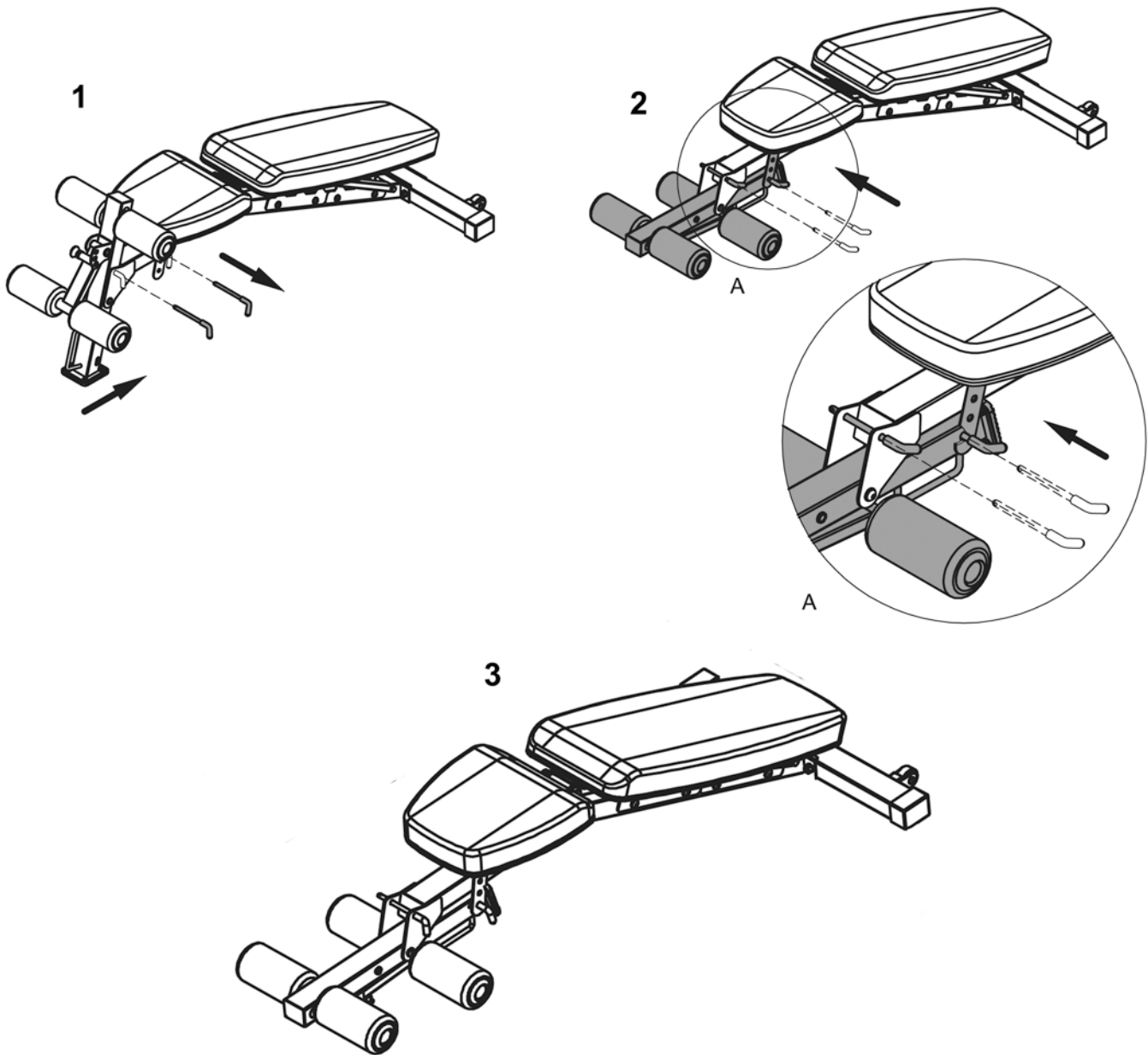
Folding the Cage

- 1.) Turn the Pull-up Frame Lock Pin (#26) counter clockwise to loosen the Pin and pull out.
Turn the Rack T-shaped Lock Pins (#29) counter clockwise to loosen the Pins and pull up.
- 2.) Lift up the Pull-up Frame (#11) and then fold down.
- 3.) Roll and fold the right side of the Rack toward to the rear.
- 4.) Roll and fold the left side of the Rack with the Pull-up Frame to the rear.
- 5.) Push down and turn the Rack T-shaped Lock Pin (#29) clockwise to fasten the Pin and lock the Rack in place.



Folding the Bench

- 1.) Flatten down the Backrest Incline Support (#7) and the Backrest Board (#17).
- 2.) Pull out the Lock Pin (#14) from Seat Incline Frame (#5) and Front Post (#2).
- 3.) Fold the Front Post. Insert the Lock Pin back to the bracket on Main Frame (#1). Insert the Lock Pin back through lowest hole on Seat Incline Frame and through the bottom hole on Front Post to the other side of Seat Incline Frame.



SM-4231 WEIGHT RESISTANCE CHART		
Weight Plate	Lat Pull	Low Pulley
10	10	10
20	20	20
30	30	30
40	40	40
50	50	50
60	60	60
70	70	70
80	80	80
90	90	90
100	100	100
110	110	110
120	120	120
130	130	130
140	140	140
150	150	150
160	160	160
170	170	170
180	180	180
190	190	190
200	200	200
210	210	210
220	220	220
230	230	230
240	240	240
250	250	250
260	260	260
270	270	270
280	280	280
290	290	290
300	300	300

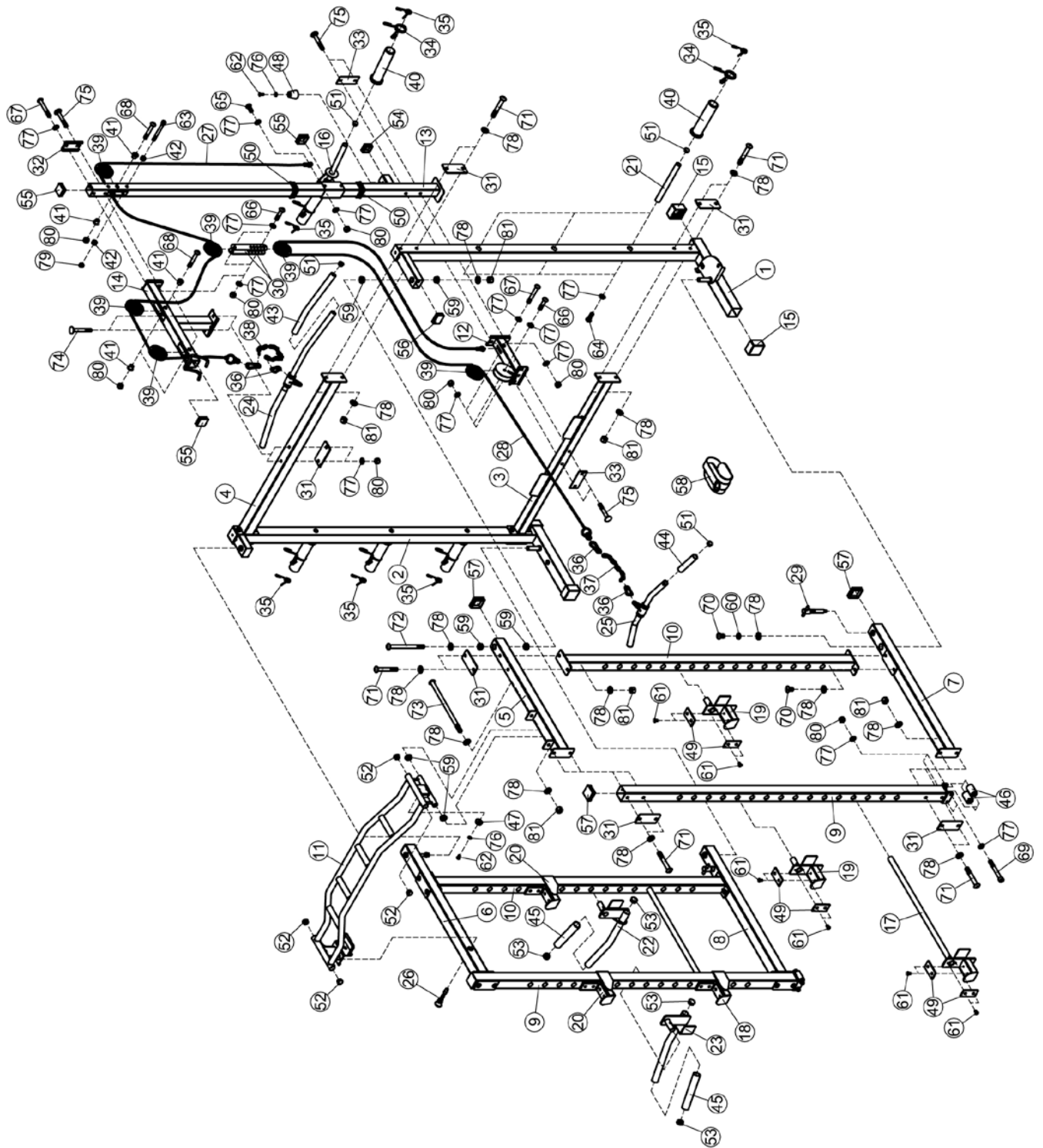
**Load even weights on each side of Sliding Weight Post
Numbers are approximate. Actual weights may vary.**

SM-4231 CAGE PARTS LIST

PART NO	DESCRIPTION	SIZE	QUANTITY
1	Rear Left Upright		1
2	Rear Right Upright		1
3	Rear lower Cross Brace		1
4	Rear Upper Cross Brace		1
5	Left Side Upper Frame		1
6	Right Side Upper Frame		1
7	Left Side Lower Frame		1
8	Right Side Lower Frame		1
9	Front Upright		2
10	Middle Upright		2
11	Pull-up Frame		1
12	Rear Connecting Frame		1
13	Weight Post Sliding Frame		1
14	Lat Bar Frame		1
15	Rear Upright Base End Cap	2 $\frac{3}{8}$ " x 2 $\frac{3}{8}$ "	4
16	Sliding Weight Post		1
17	Left Safety Bar Catch		1
18	Right Safety Bar Catch		1
19	Left Bar Catch		2
20	Right Bar Catch		2
21	Weight Plate Storage Post		6
22	Left Dip Handle		1
23	Right Dip Handle		1
24	Lat Bar		1
25	Shiver Bar		1
26	Pull-up Frame Lock Pin		1
27	Upper Cable	114"	1
28	Lower Cable	122"	1
29	Rack T-shape Lock Pin		2
30	Double Floating Pulley Bracket		2
31	Bracket	5 $\frac{1}{8}$ " x 2 $\frac{3}{8}$ "	11
32	Bracket	4" x 2"	1
33	Bracket	4 $\frac{3}{4}$ " x 2"	2
34	Spring Clip	Ø 1 $\frac{7}{8}$ "	8
35	Spring Clip	Ø $\frac{7}{8}$ "	8
36	Hook	Ø $\frac{3}{8}$ "	4
37	Chain	10-link	1
38	Chain	15-link	1
39	Pulley		6
40	Olympic Sleeve	Ø 2" x 8 $\frac{1}{4}$ "	8
41	Pulley Bushing	Ø $\frac{7}{8}$ " x Ø $\frac{3}{8}$ "	6

42	Sliding Stopper Bushing	Ø ¾" x Ø ⅜"	2
43	Lat Bar Grip	17 ⅜"	2
44	Shiver Bar Grip	5 ⅞"	2
45	Dip Handle Grip	7 ⅞"	2
46	Roller Wheel		4
47	Rubber Bumper	Ø 1 ⅜" x ⅜"	1
48	Rubber Bumper	Ø 1 ¾" x 1 ⅝"	1
49	Bar Catch Pad		12
50	Sliding Sleeve	2 ⅜" x 2"	2
51	End Cap	Ø 1"	12
52	End Cap	Ø 1 ⅛"	4
53	End Cap	Ø 1 ¼"	4
54	End Cap	1 ¾" x 1 ¾"	1
55	End Cap	2" x 2"	3
56	End Cap	1 ⅝" x 2 ⅜"	2
57	End Cap	2 ⅜" x 2 ⅜"	6
58	Ankle Strap		1
59	Bushing	Ø 1" x Ø ½"	10
60	Lock Washer	Ø 1"	2
61	Allen Bolt	M6 x ⅜"	24
62	Phillips Screw	M6 x ⅝"	2
63	Socket Head Allen Bolt	M8 x 3 ⅛"	1
64	Allen Bolt	M10 x ¾"	6
65	Allen Bolt	M10 x 1"	1
66	Allen Bolt	M10 x 1 ¾"	3
67	Allen Bolt	M10 x 3"	2
68	Allen Bolt	M10 x 2 ½"	3
69	Socket Head Allen Bolt	M10 x 3 ⅜"	4
70	Allen Bolt	M12 x ¾"	6
71	Allen Bolt	M12 x 3 ⅜"	20
72	Allen Bolt	M12 x 5 ¾"	2
73	Allen Bolt	M12 x 9 ¼"	1
74	Carriage Bolt	M10 x 3 ⅛"	2
75	Carriage Bolt	M10 x 2 ¾"	5
76	Washer	Ø ½"	2
77	Washer	Ø ¾"	32
78	Washer	Ø 1"	52
79	Aircraft Nut	M8	1
80	Aircraft Nut	M10	19
81	Aircraft Nut	M12	23
	Allen Wrench (Tool)	4#, 6#	1
	Allen Wrench (Tool)	8#	2

SM-4231 CAGE EXPLODED DIAGRAM

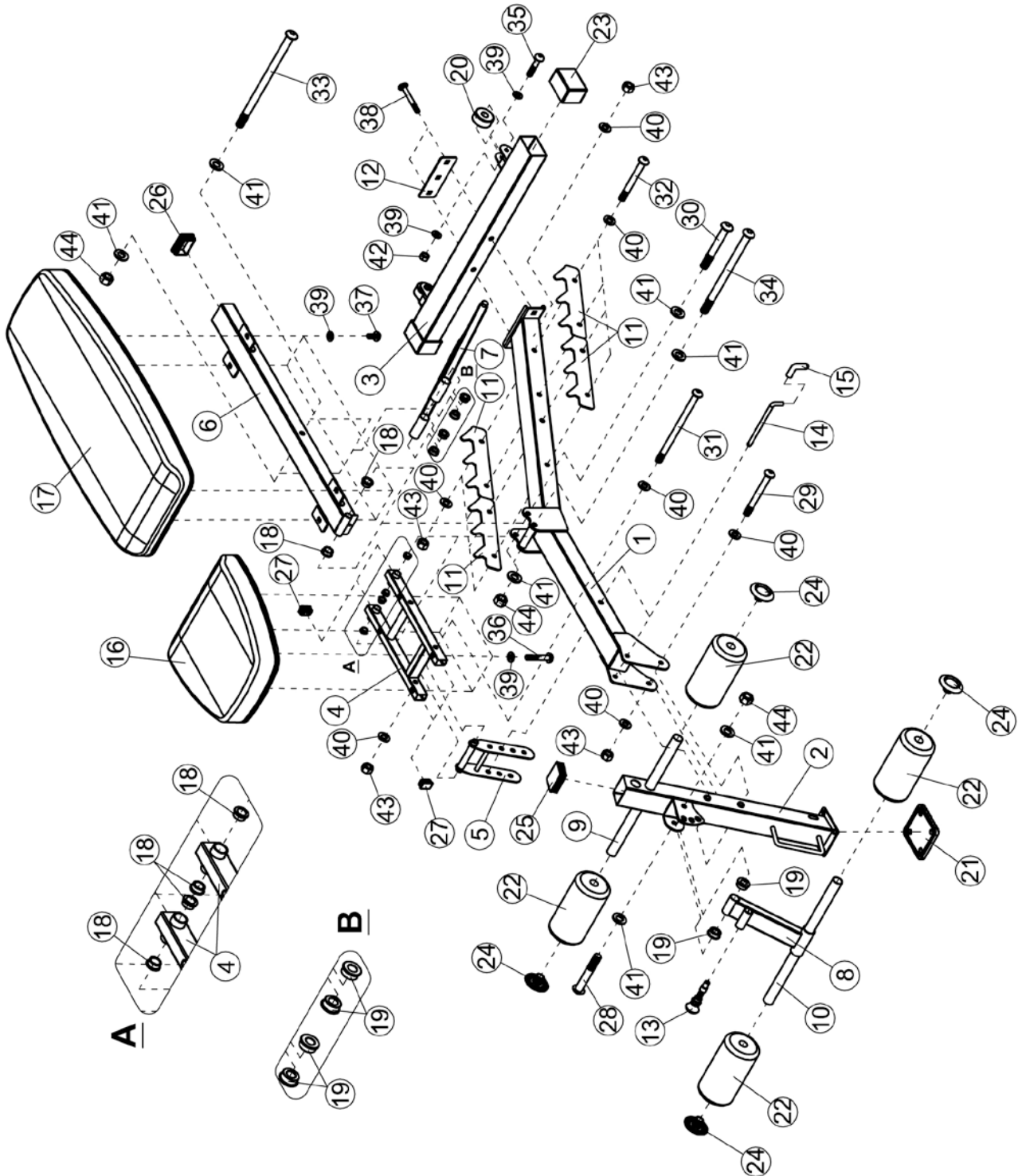


SM-4231 BENCH PARTS LIST

PART NO	DESCRIPTION	SIZE	QUANTITY
1	Main Frame		1
2	Front Post		1
3	Rear Base		1
4	Seat Bracket		1
5	Seat Incline Frame		1
6	Back Support		1
7	Backrest Incline Support		1
8	Adjustable Foam Tube Frame		1
9	Foam Tube	16 1/8"	1
10	Long Foam Tube	16 7/8"	1
11	Incline Adjustment Base		4
12	Bracket	5 1/2" x 2"	1
13	Lock Pin		1
14	L-shaped Lock Pin		2
15	L-shaped Lock Pin Rubber Grip		2
16	Seat Pad		1
17	Backrest Board		1
18	Bushing	Ø 3/4" x Ø 1/2"	6
19	Bushing	Ø 1" x Ø 1/2"	6
20	Roller Wheeler		2
21	Front Post Base Cap		1
22	Foam Roll		4
23	Rear Base End Cap	2 3/4" x 2"	2
24	Foam Roll End Cap		4
25	End Cap	2" x 2 1/4"	1
26	End Cap	1 5/8" x 2 3/8"	1
27	End Cap	1" x 1 1/8"	4
28	Allen Bolt	M12 x 3 1/8"	1
29	Allen Bolt	M10 x 3 3/4"	1
30	Allen Bolt	M12 x 3 3/4"	1
31	Allen Bolt	M10 x 6 1/4"	1
32	Allen Bolt	M10 x 3 1/2"	4
33	Allen Bolt	M12 x 8 1/2"	1
34	Allen Bolt	M12 x 7 1/4"	1
35	Allen Bolt	M8 x 1 5/8"	2
36	Allen Bolt	M8 x 1 3/4"	4
37	Allen Bolt	M8 x 5/8"	4
38	Carriage Bolt	M10 x 3 1/2"	2
39	Washer	Ø 5/8"	12
40	Washer	Ø 3/4"	14
41	Washer	Ø 1"	8

42	Aircraft Nut	M8	2
43	Aircraft Nut	M10	8
44	Aircraft Nut	M12	4
	Allen Wrench (Tool)	5#,6#,8#	1

SM-4231 BENCH EXPLODED DIAGRAM



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 centre 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 of 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 online at www.impex-fitness.com.

IMPEX[®] INC.
2801 S. Towne Ave.
Pomona, CA 91766

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 a.m. to 5 p.m. Pacific standard time.

support@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