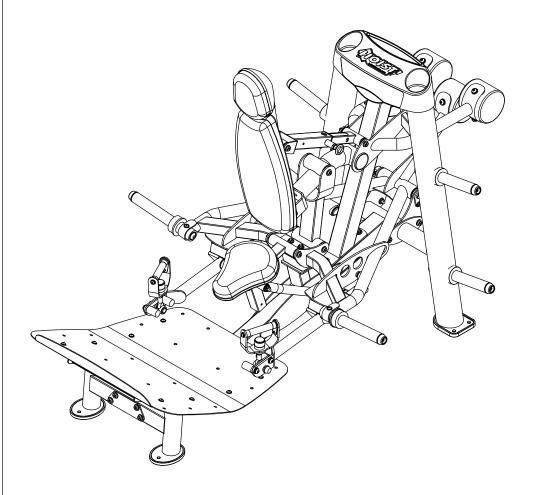


RPL-5356 PLATE-LOADED HACK SQUAT / DEAD LIFT



WARNING!

TO PREVENT POSSIBLE TIPPING, BOLT THIS UNIT TO THE EXERCISE FLOOR USING MINIMUM 4-1/2" LONG BOLTS. FAILURE TO DO SO MAY RESULT IN SERIOUS INJURY OR DEATH.

Note: Both Serial Number and Model Number are Required when Ordering Parts RECORD SERIAL NUMBER HERE <u>Customer Service</u>

(800) 548-5438

(858) 578-7676

Fax

(858) 578-9558

MACHINE CODE

B09



CONTENTS

INSTRUCTIONS	02
FRAME ASSEMBLY	04
PRE-ASSEMBLY	31
DECAL PLACEMENT	33
DECAL REFERENCE	34
PART LIST	35
ABBREVIATIONS	39
BOLT SIZING CHART	40
WASHER SIZING CHART	41
MAINTENANCE SCHEDULE	43
GENERAL MAINTENANCE INFORMATION	44
WEIGHT TRAINING TIPS	45
WEIGHT RATIO	46
EXERCISE LOG	47
I IMITED WARRANTY	ΛΩ

INSTRUCTIONS

Before beginning assembly please take the time to read instructions thoroughly. Please use the various lists in this manual to make sure that all parts have been included in your shipment. When ordering, use part number and description from the lists. Use only HOIST replacement parts when servicing. Failure to do so will void your warranty and could result in personal injury.

HOIST equipment is designed to provide the smoothest, most effective exercise motion possible. After assembly, you should check all functions to ensure correct operation. If you experience problems, first recheck the assembly instructions to locate any possible errors made during assembly. If you are unable to correct the problem, call your authorized HOIST dealer. Be sure to have your serial number and this manual when calling. When all parts have been accounted for, continue on.

TOOLS REQUIRED

Ratchet Wrench

1/2", 9/16" and 3/4" Sockets

Adjustable Wrench

Rubber Mallet

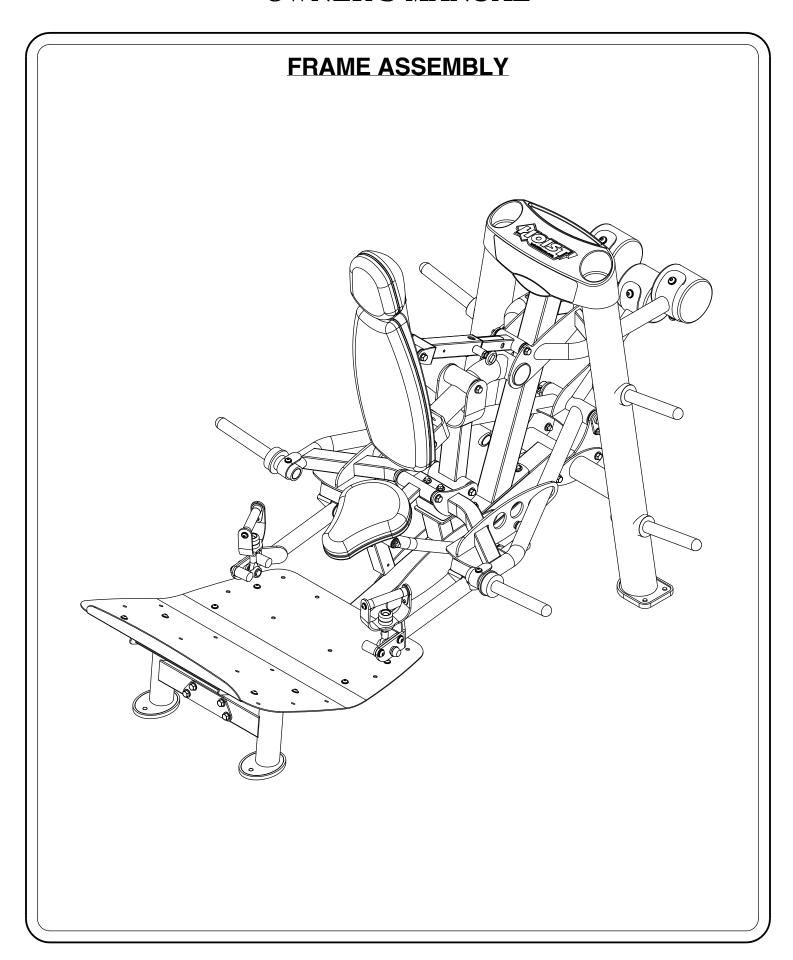
Tape Measure

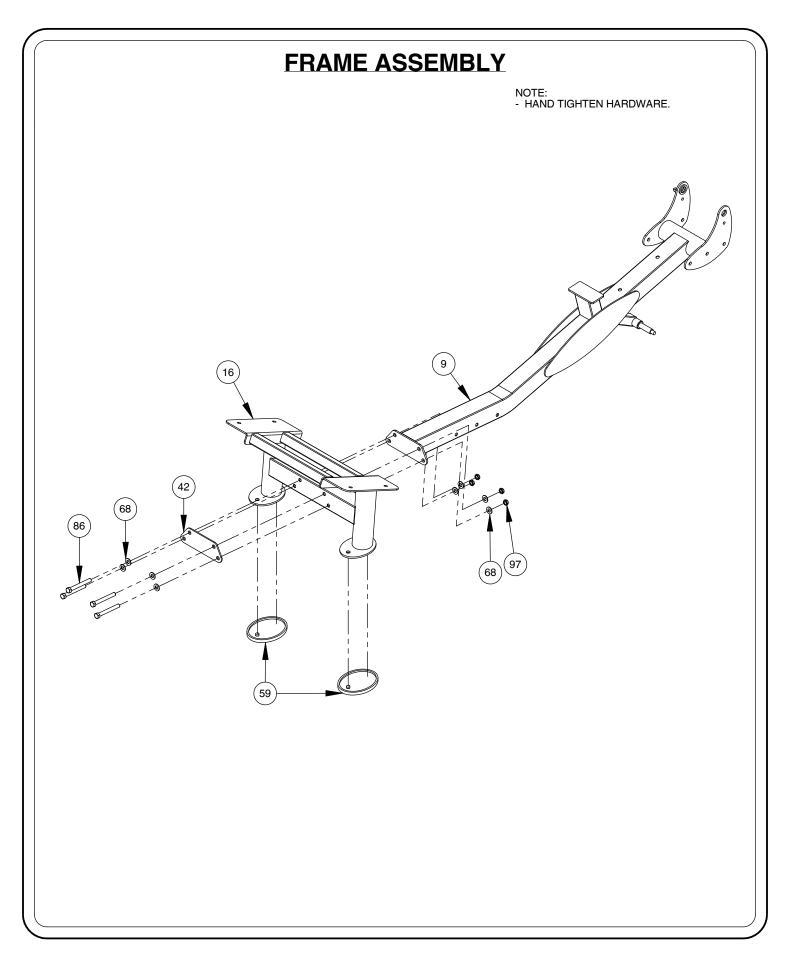
Level

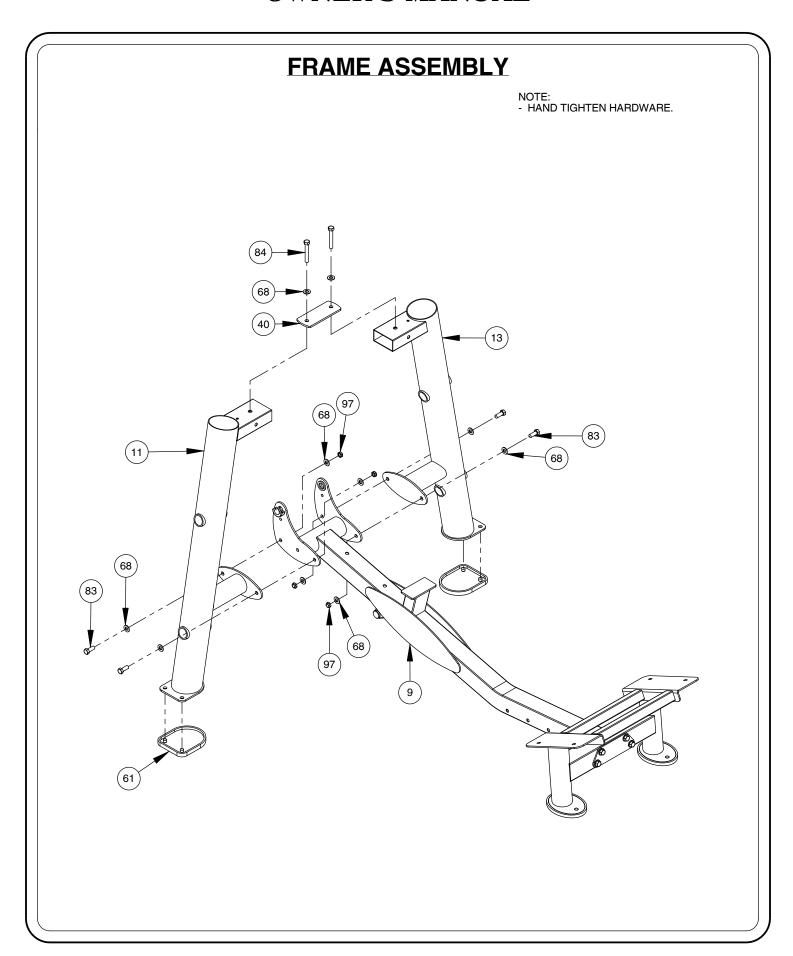
Hex Key Wrench Set

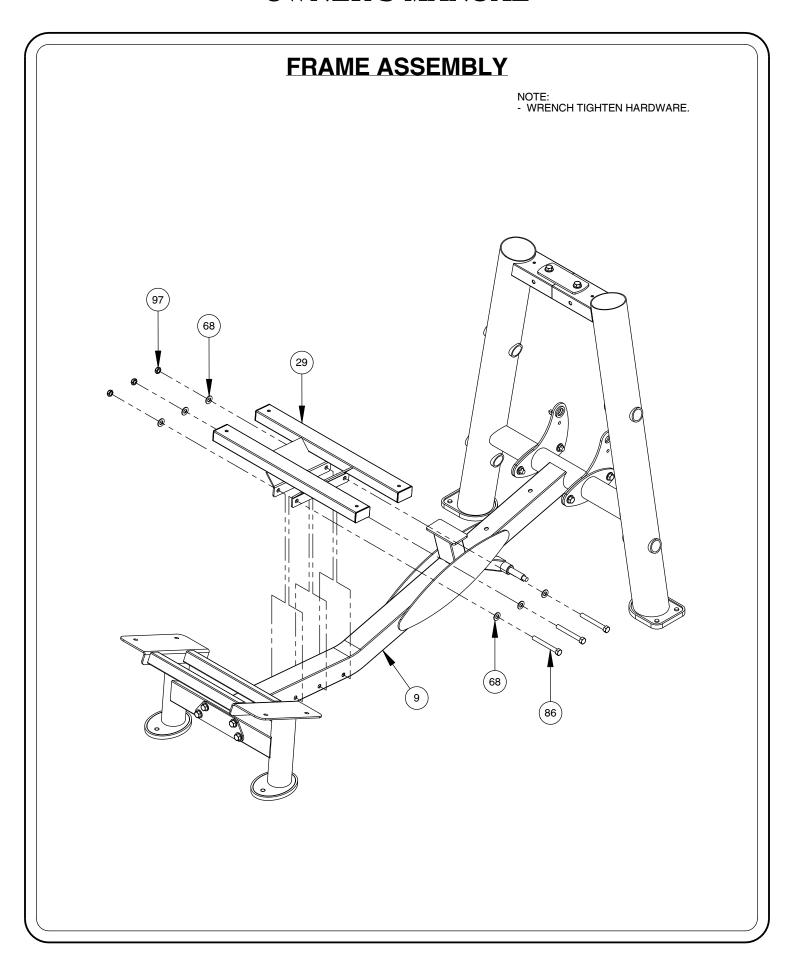
Two People

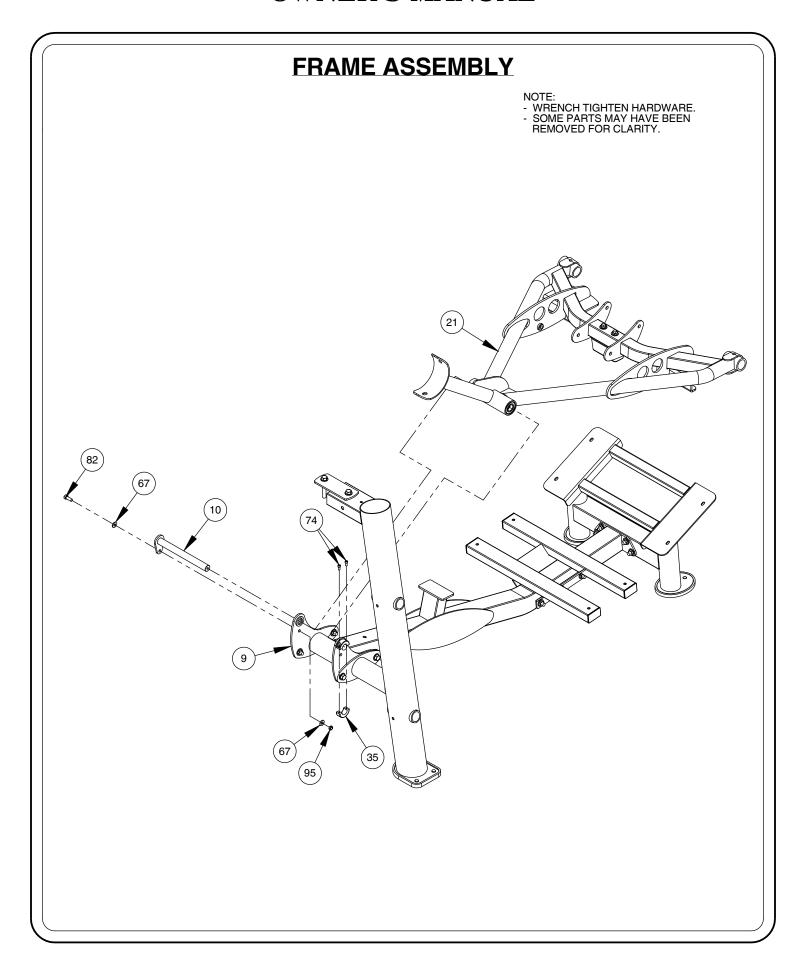
THIS PAGE WAS INTENTIONALLY LEFT BLANK

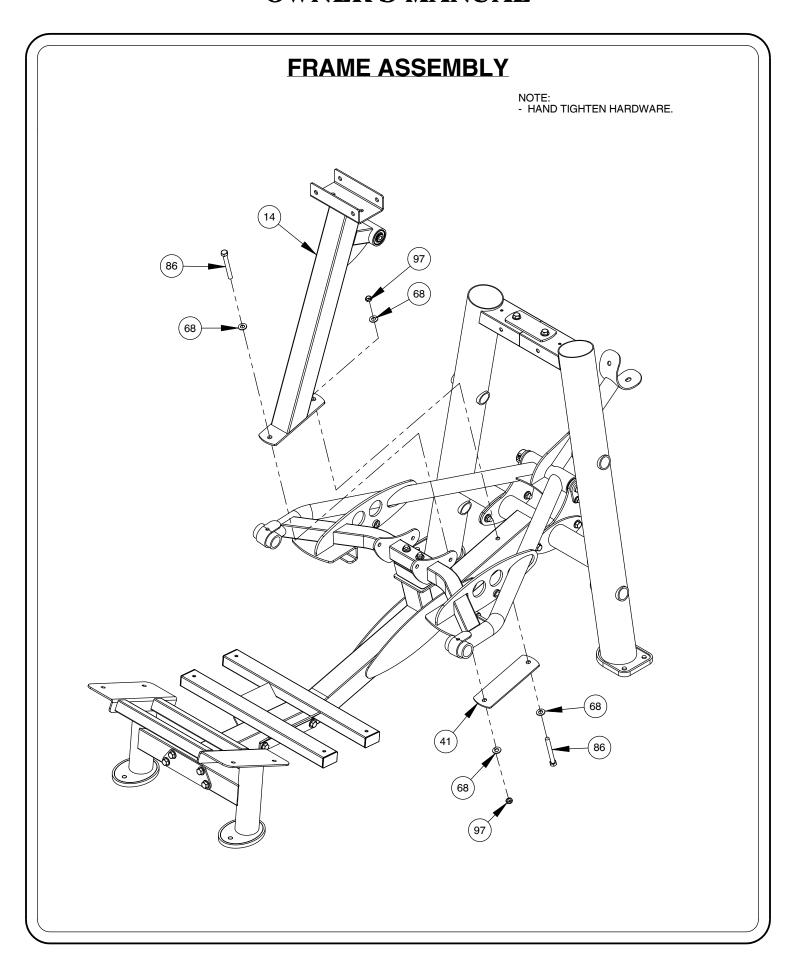


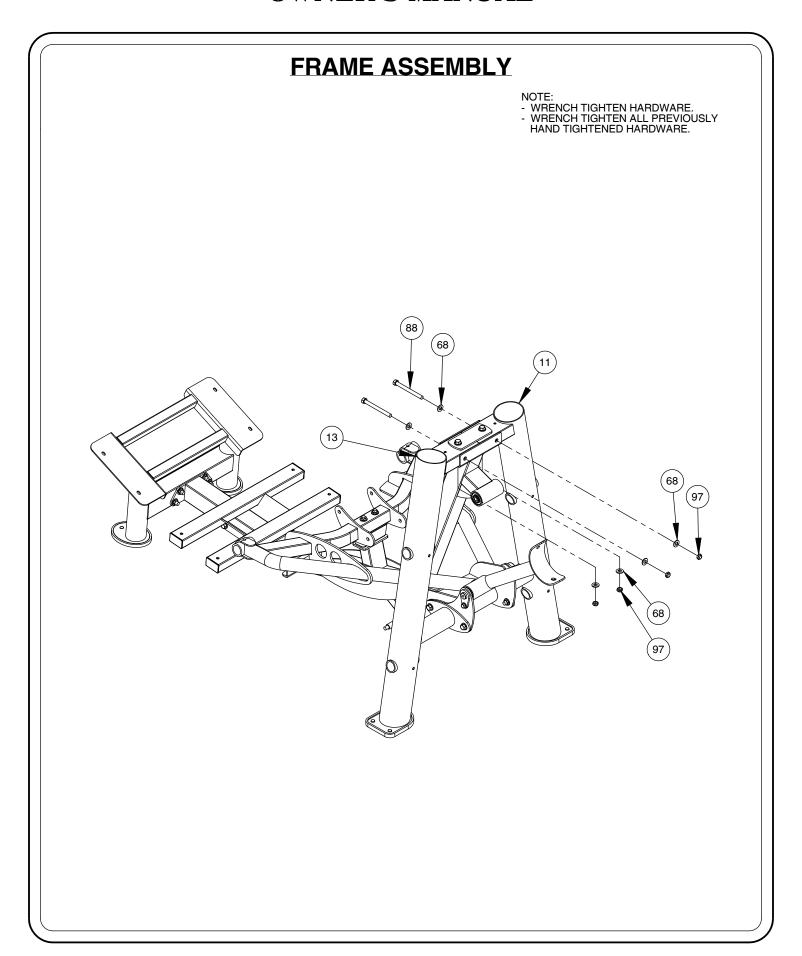


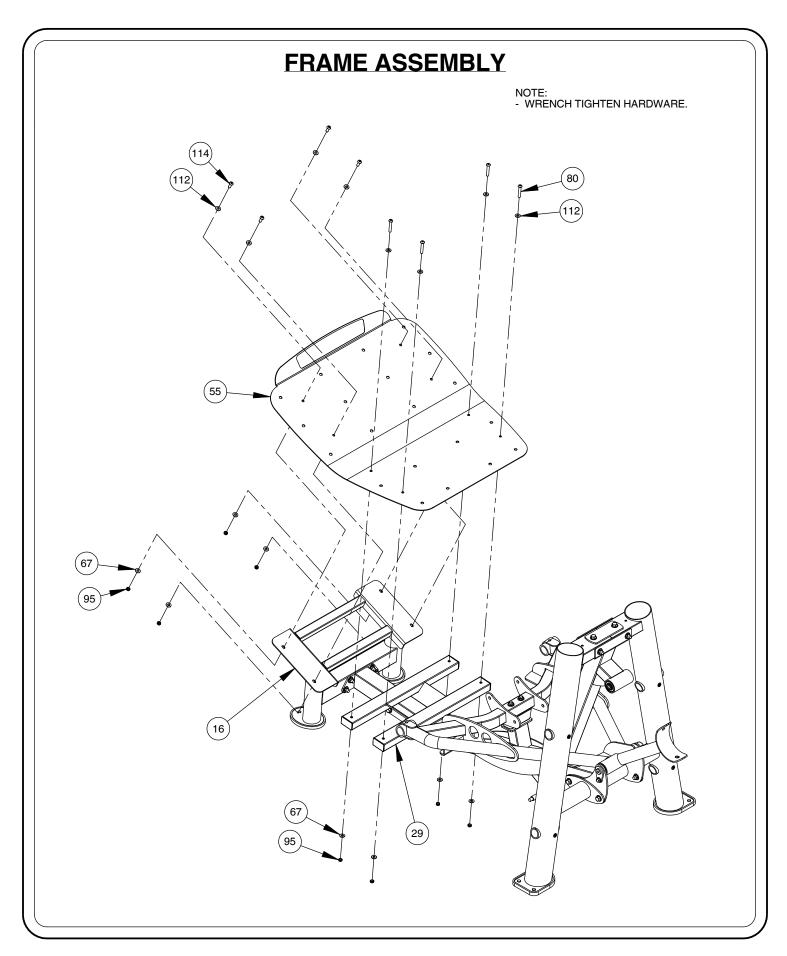


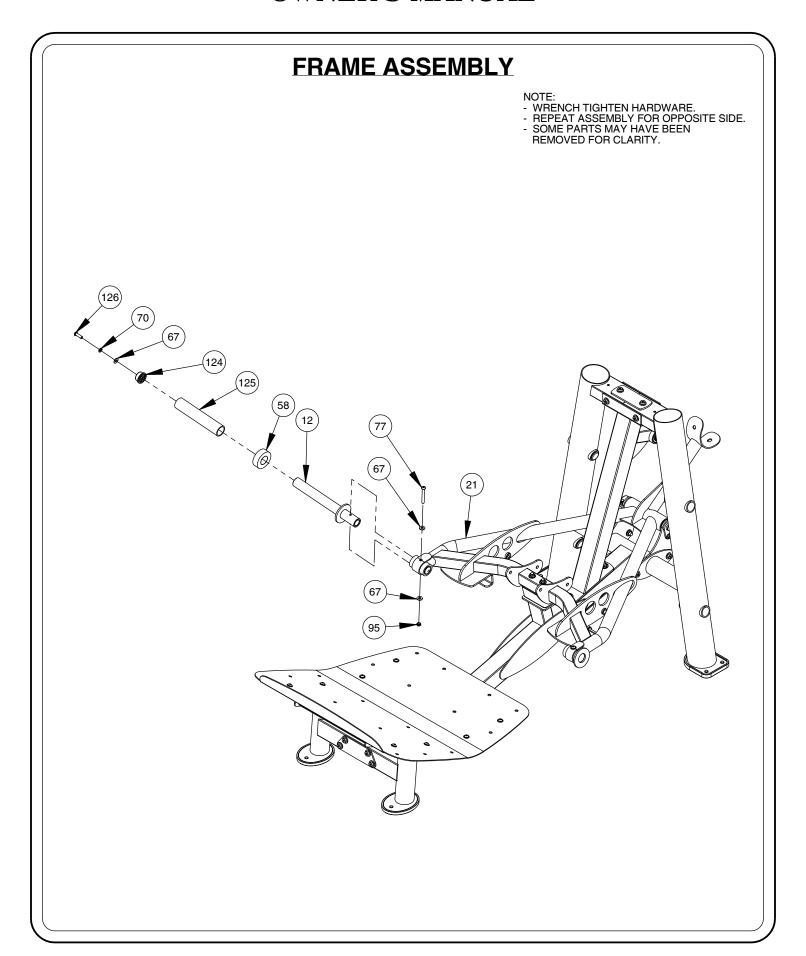


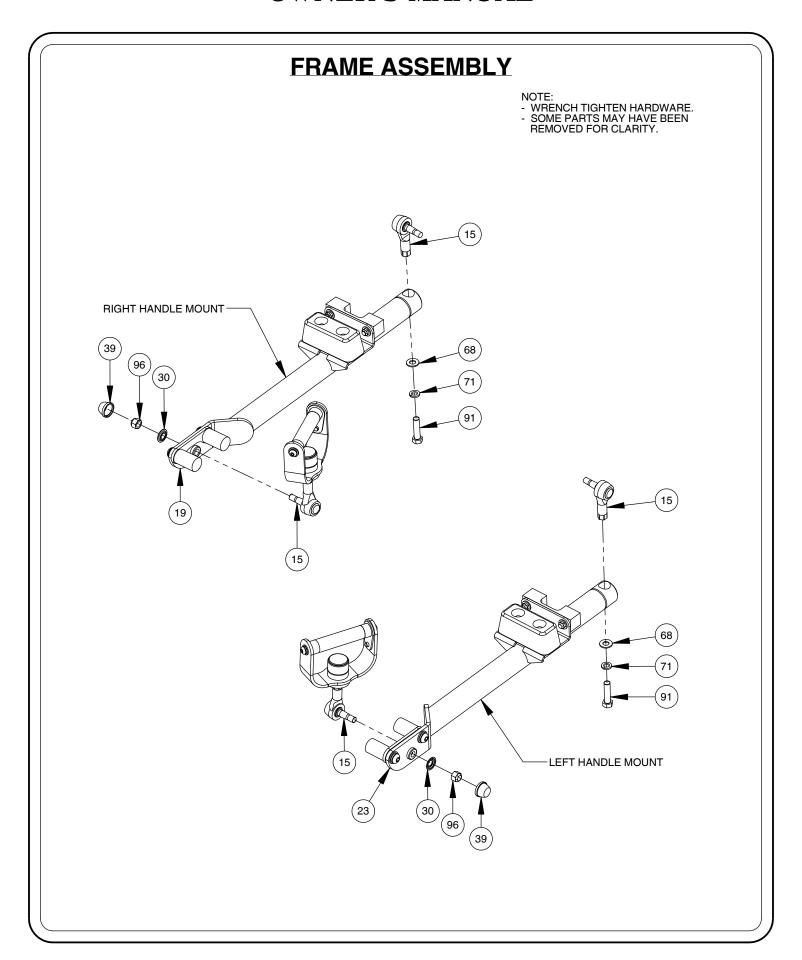


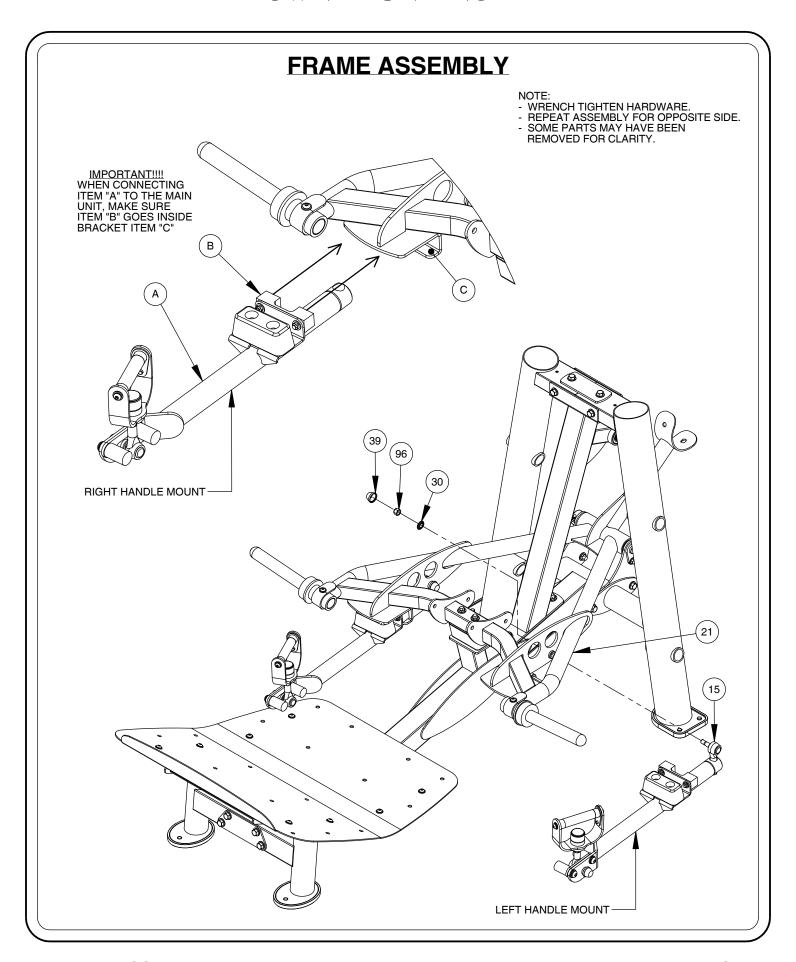


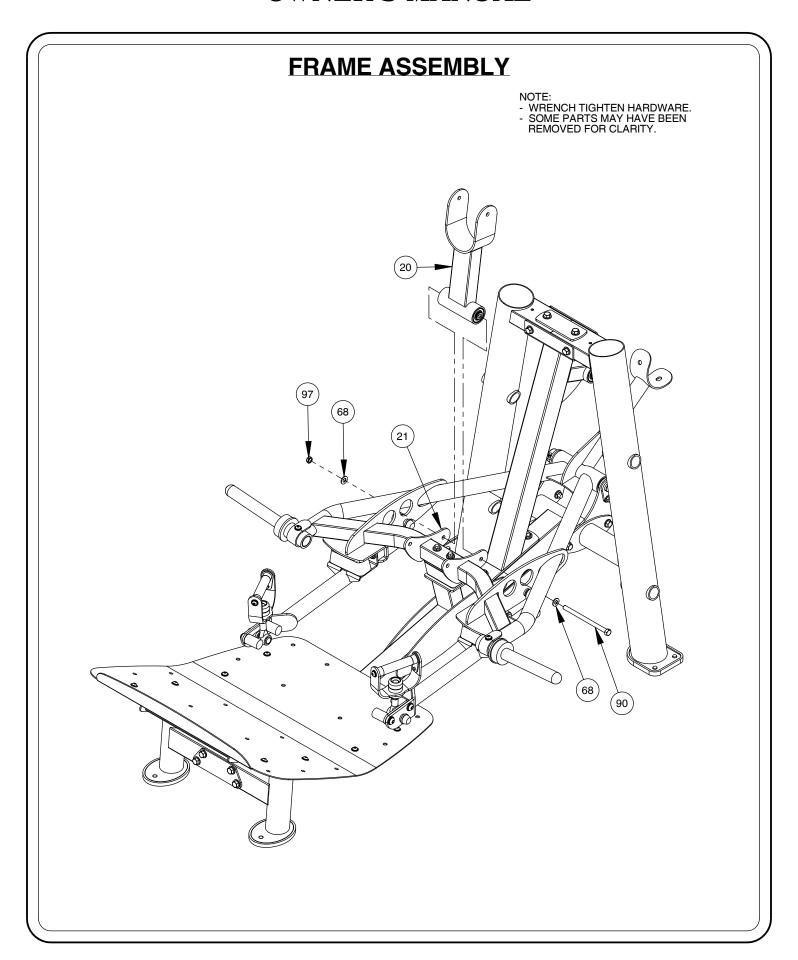


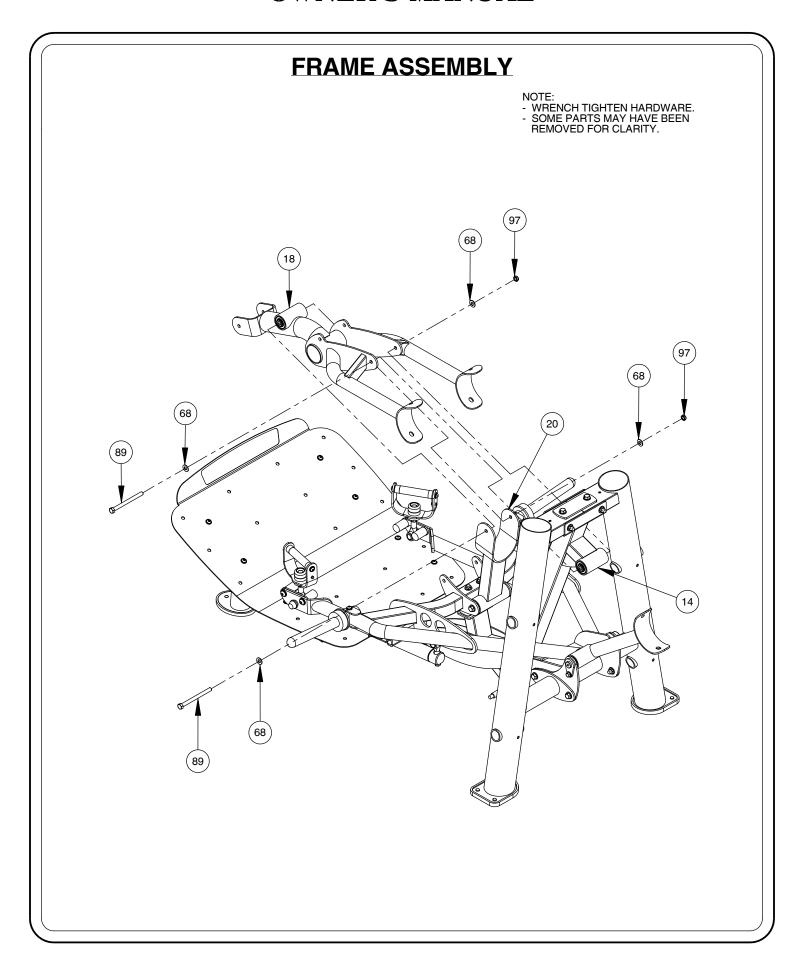


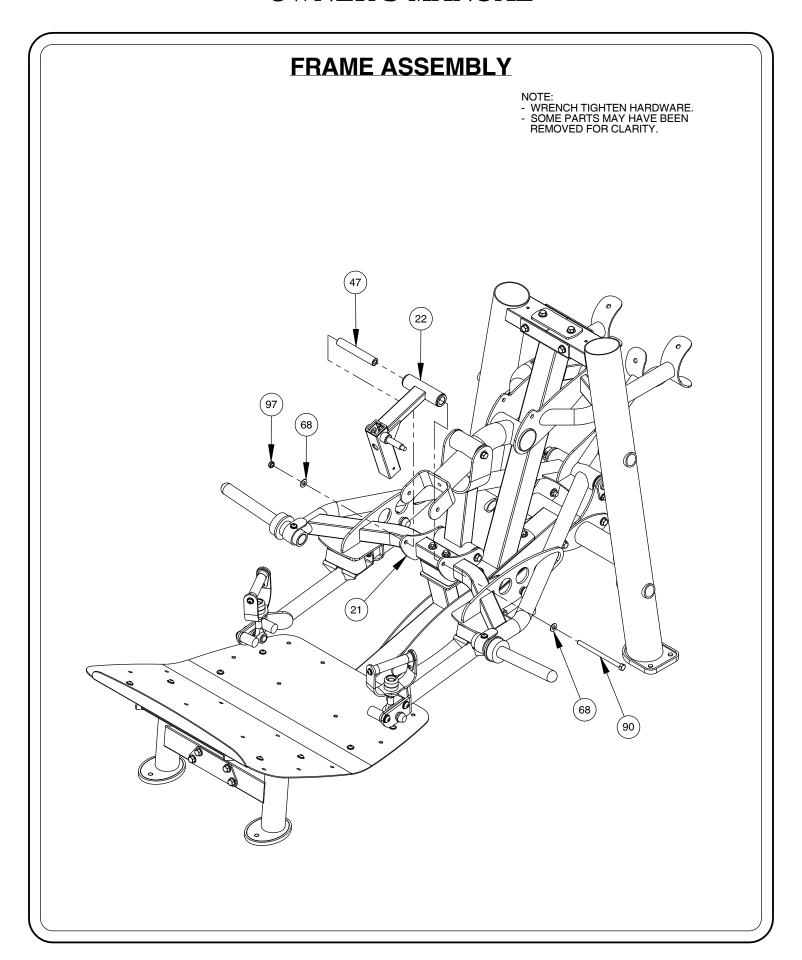


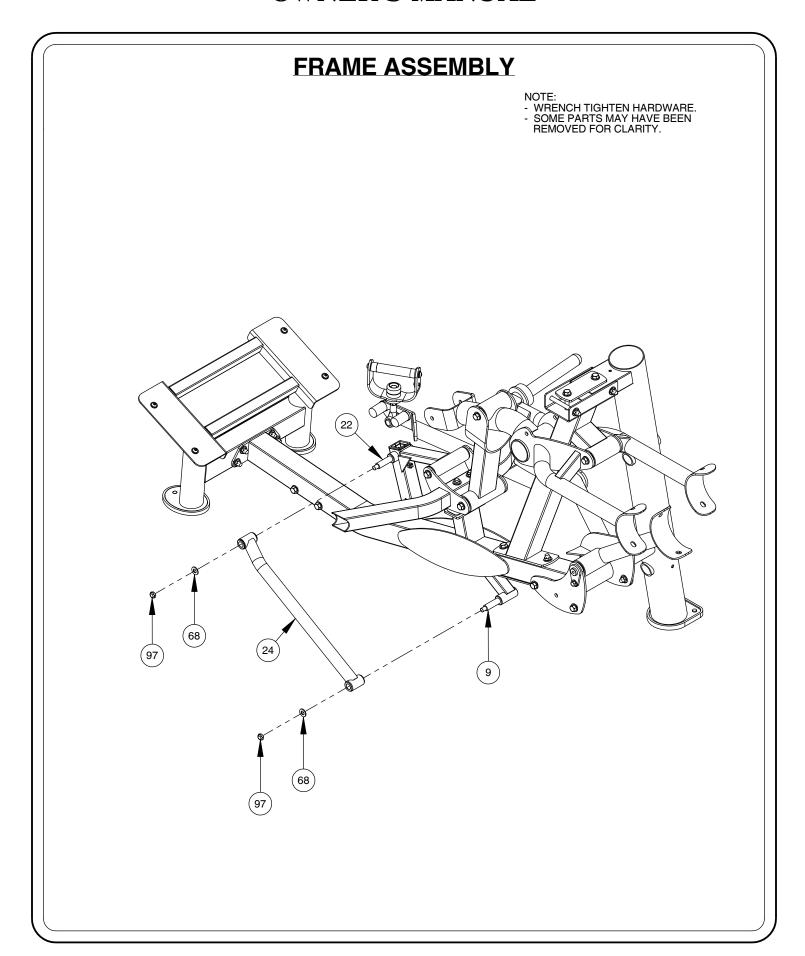


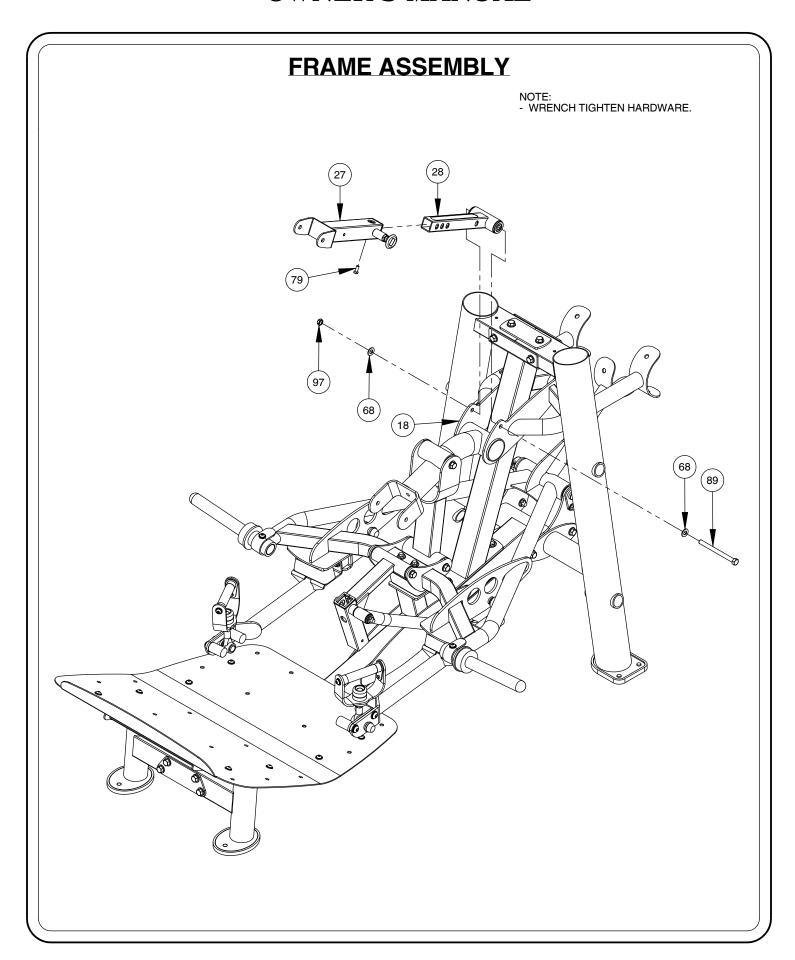


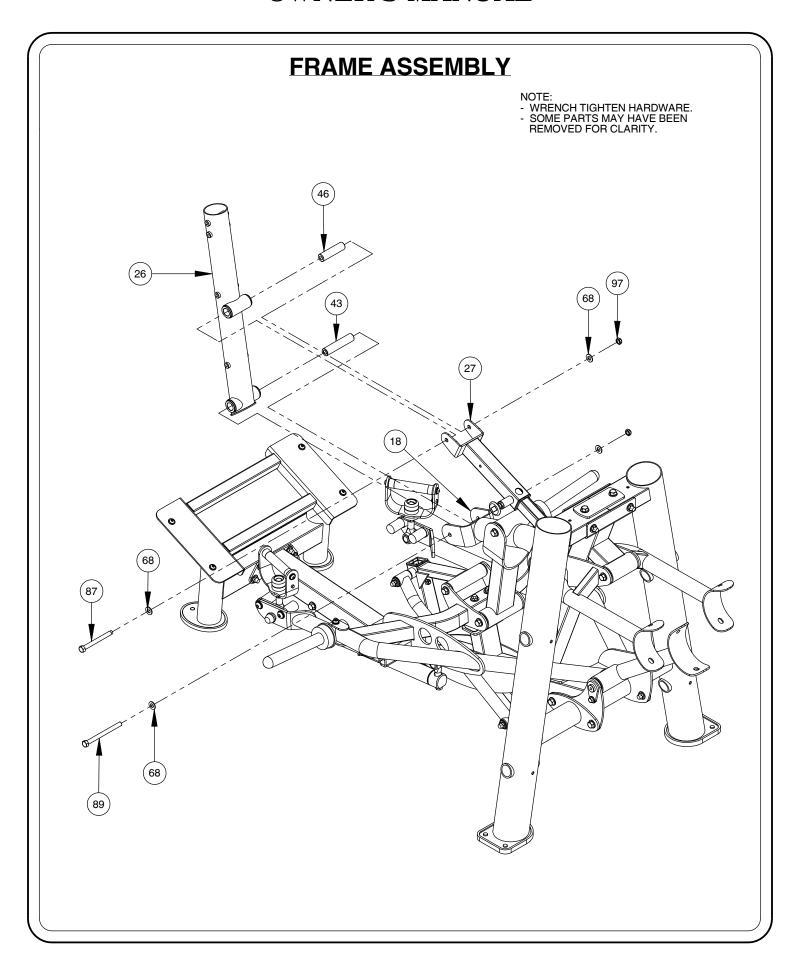


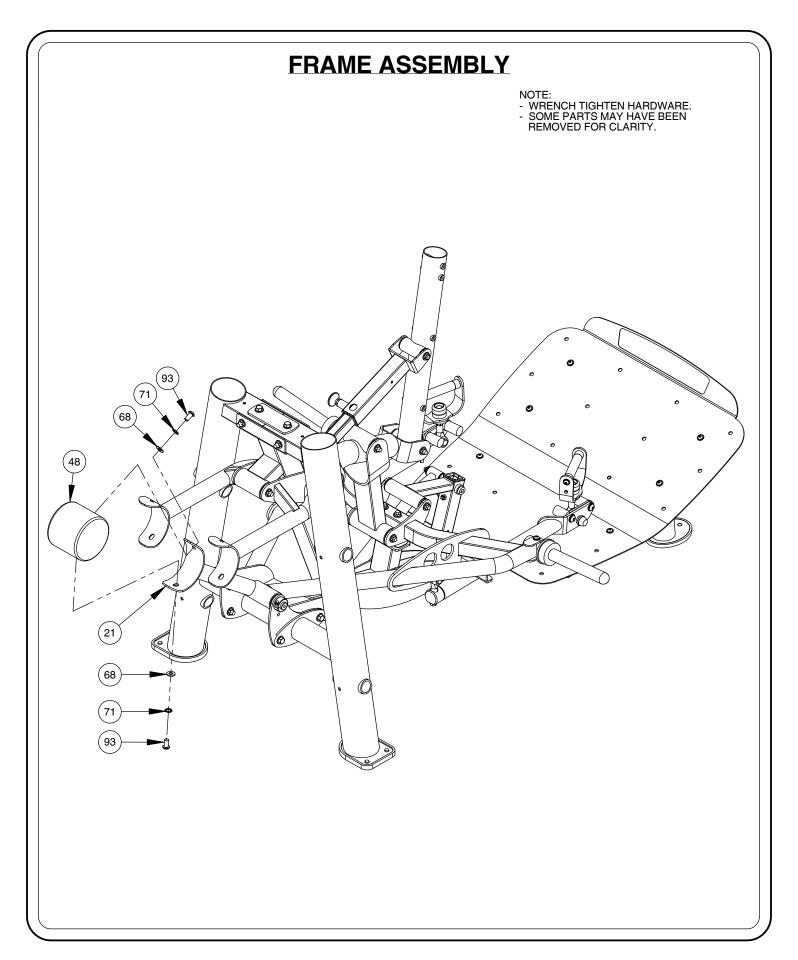


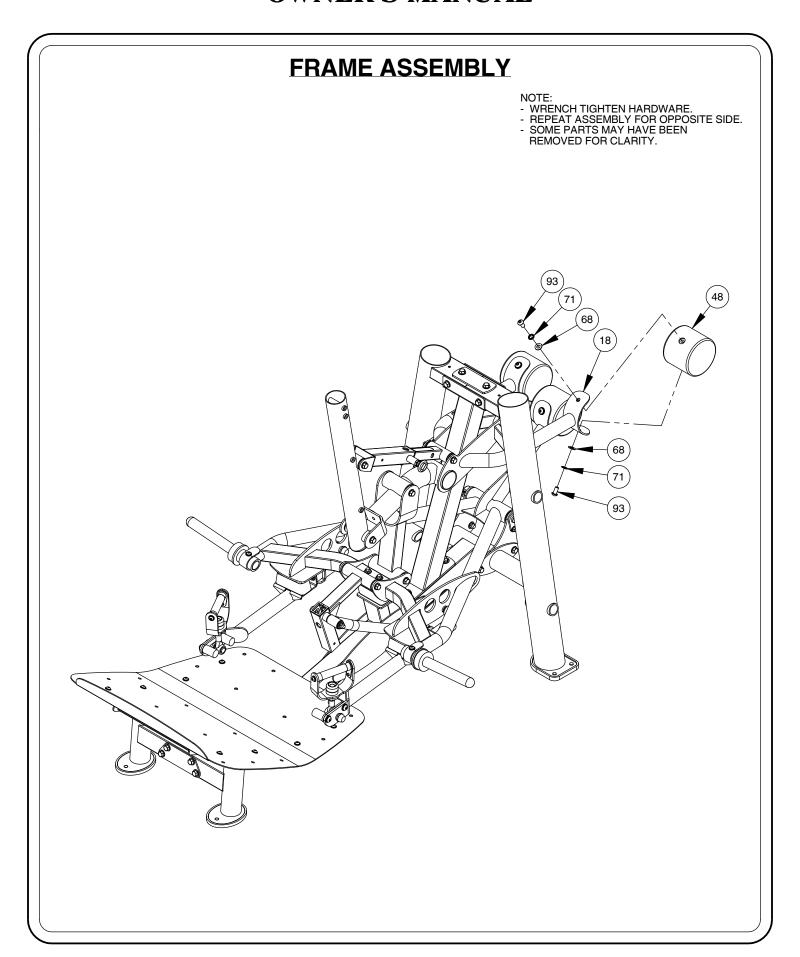


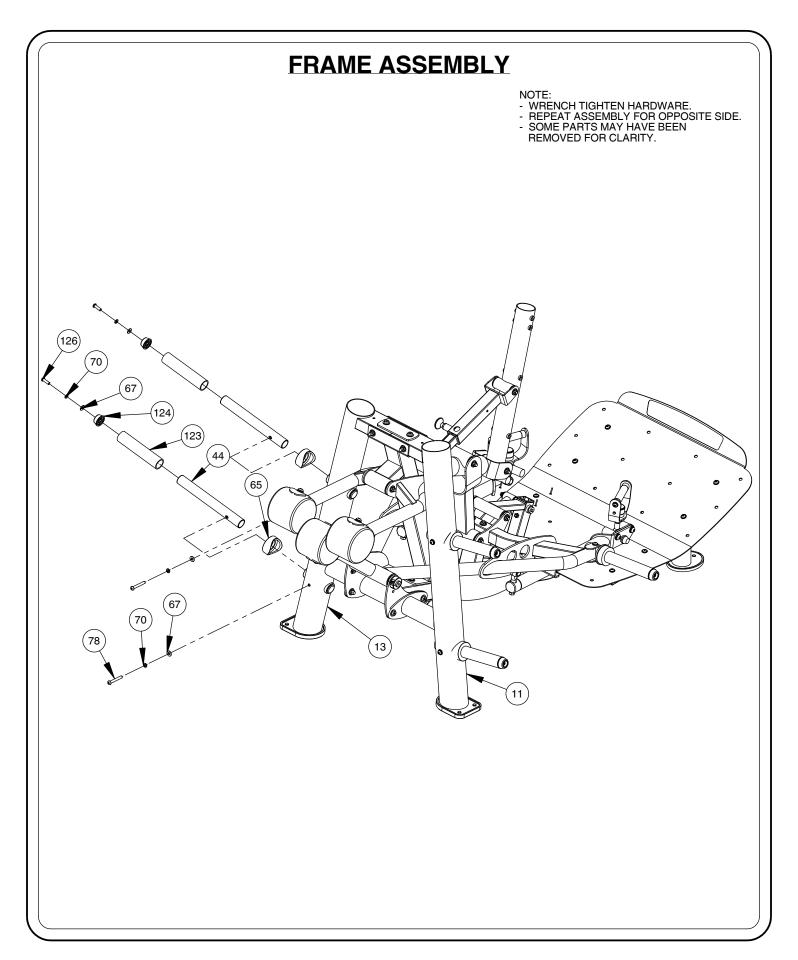


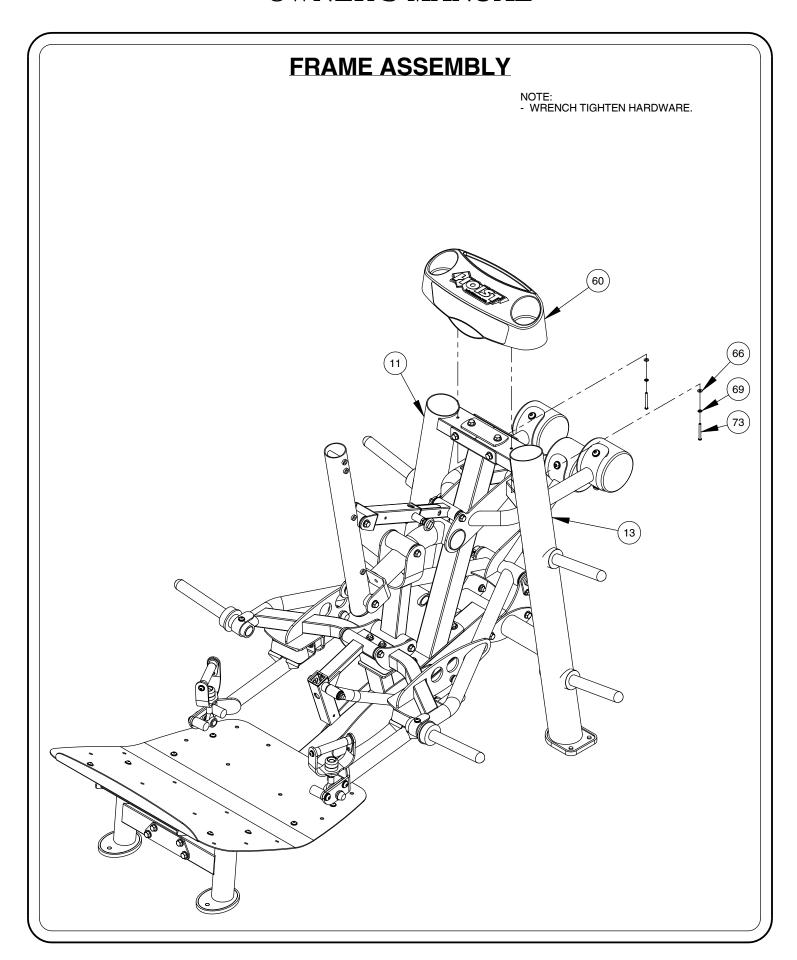


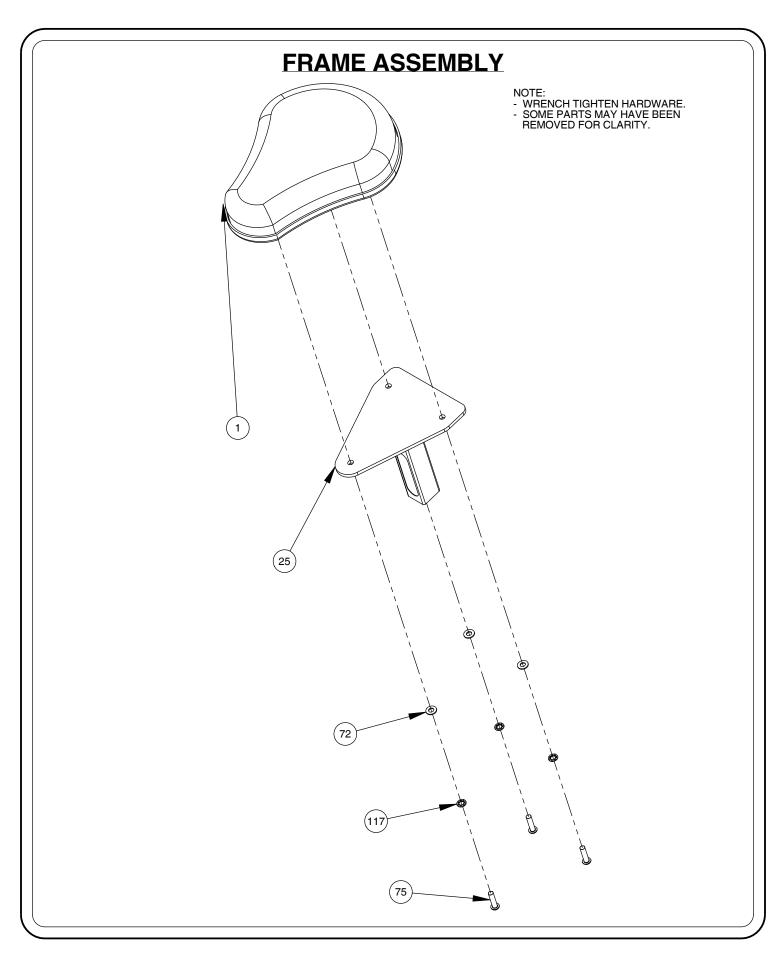


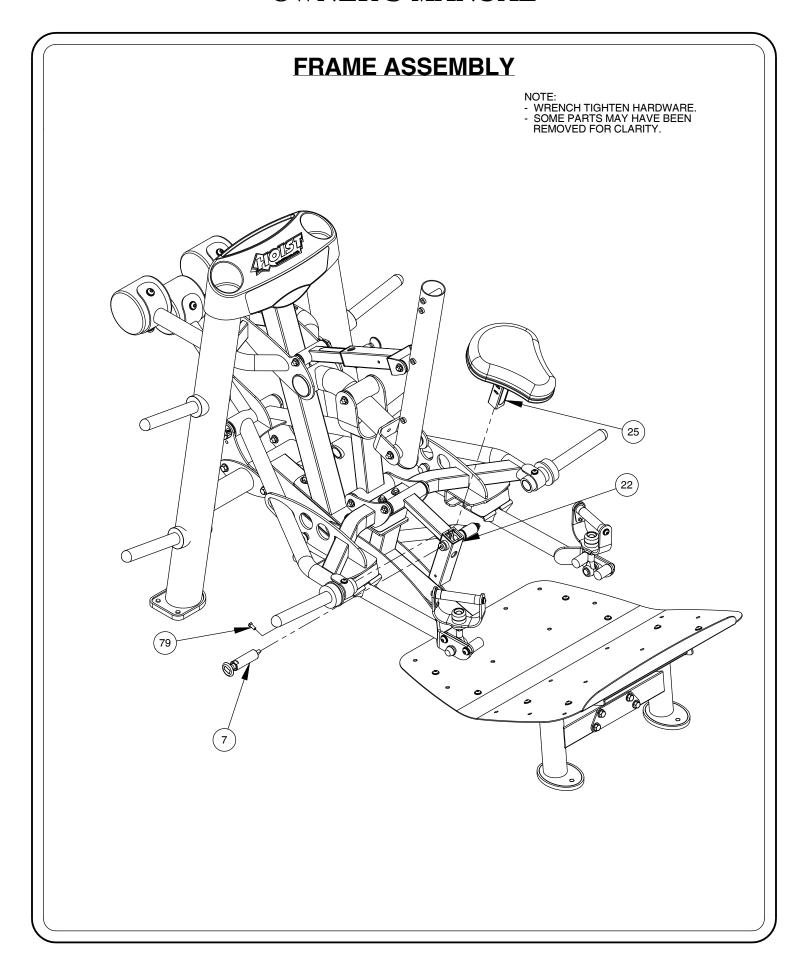


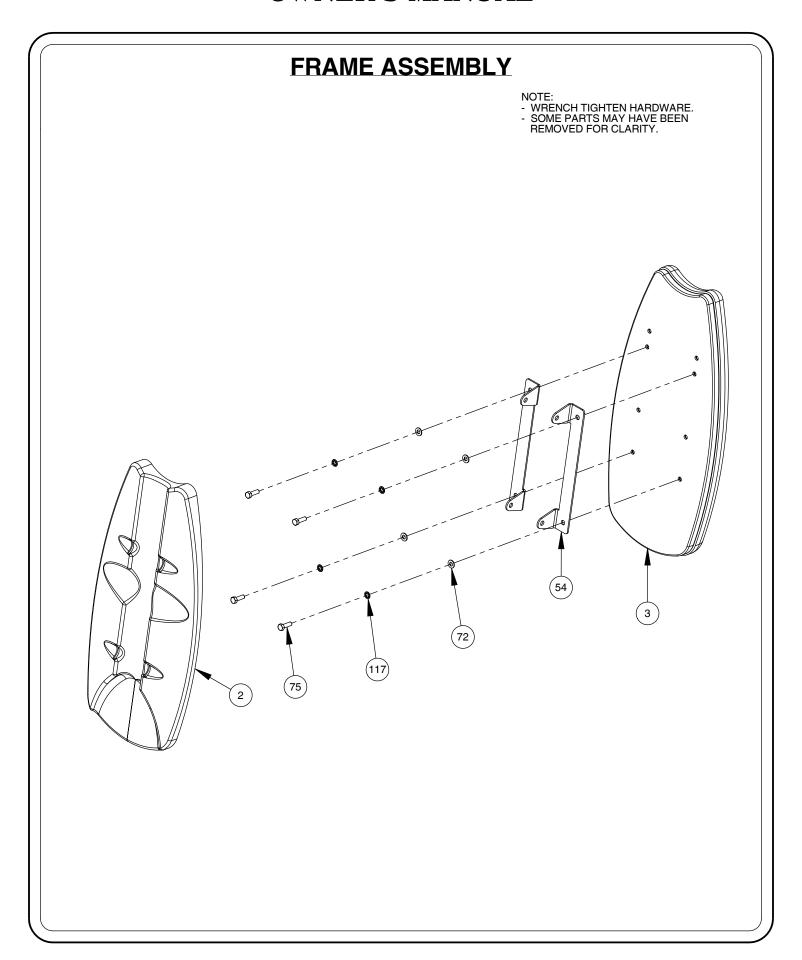


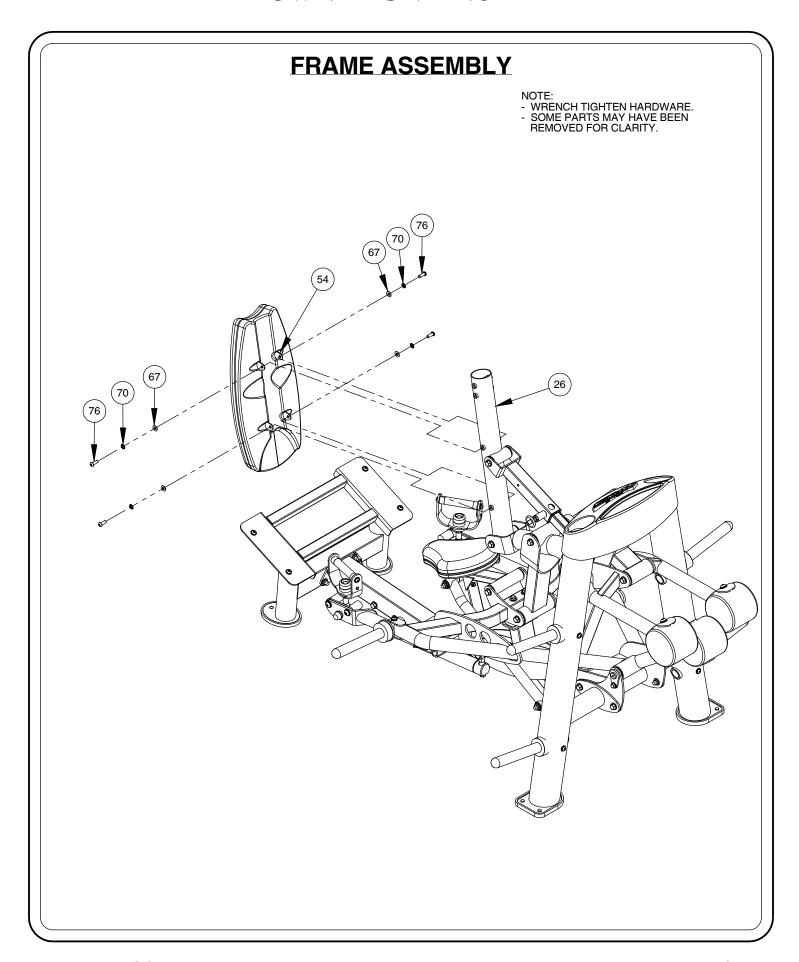


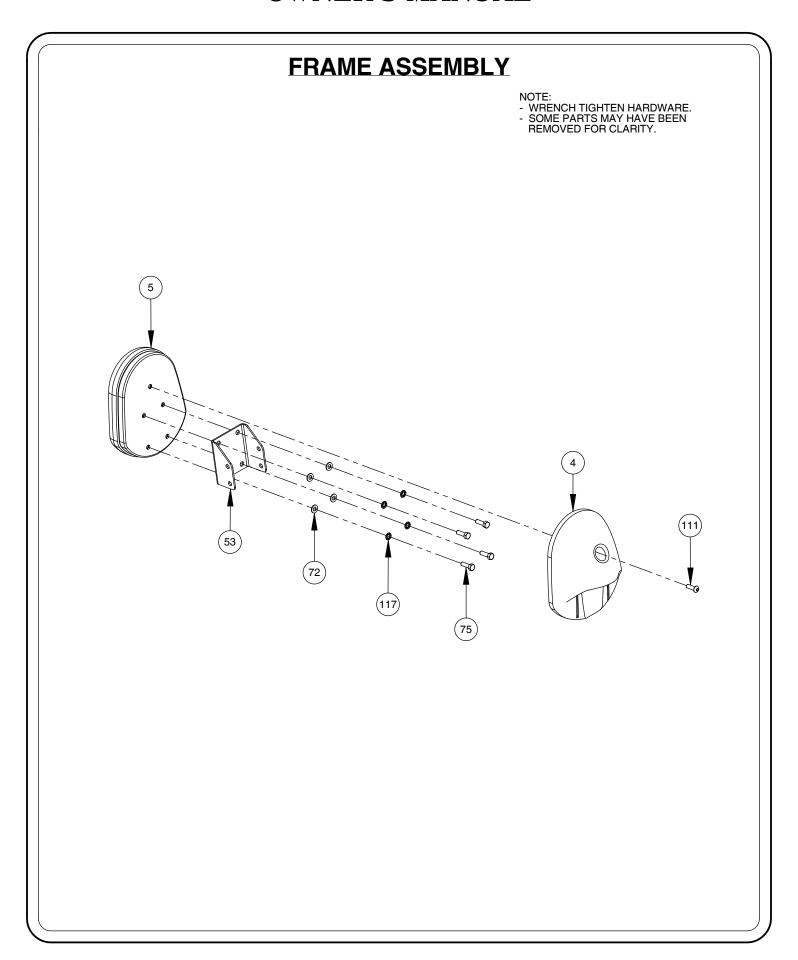


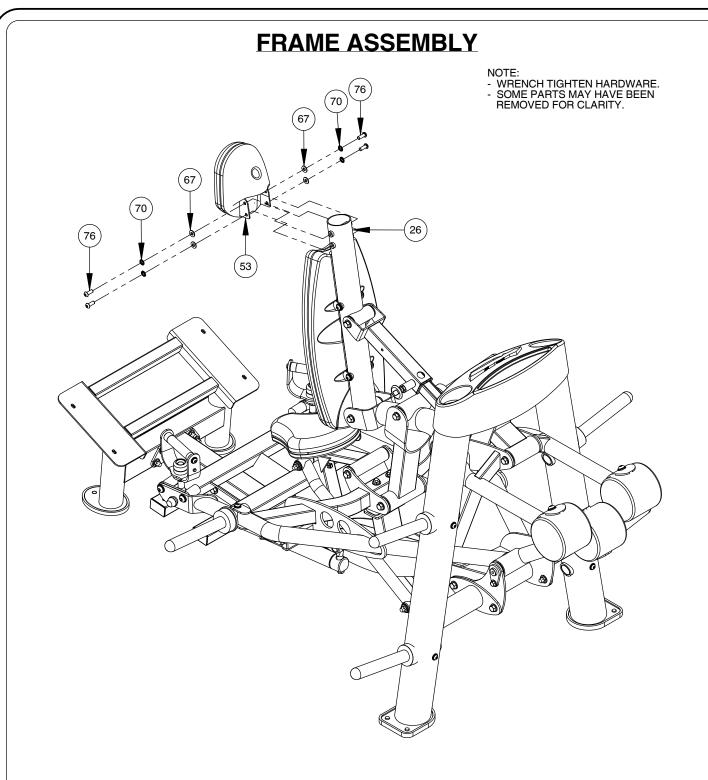






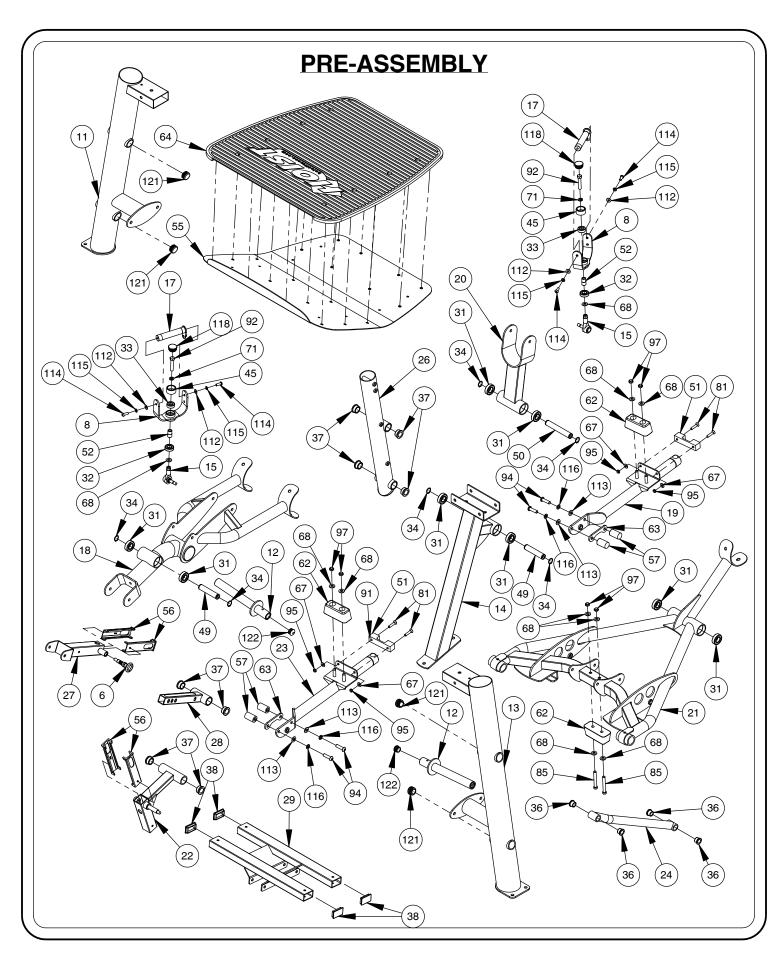




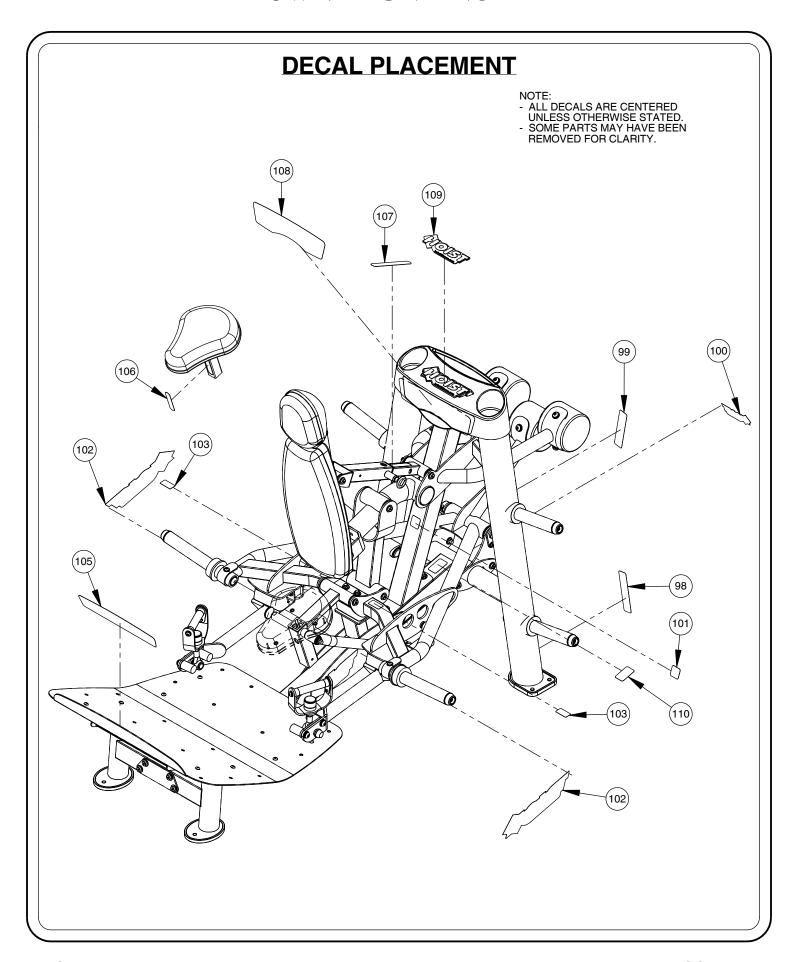


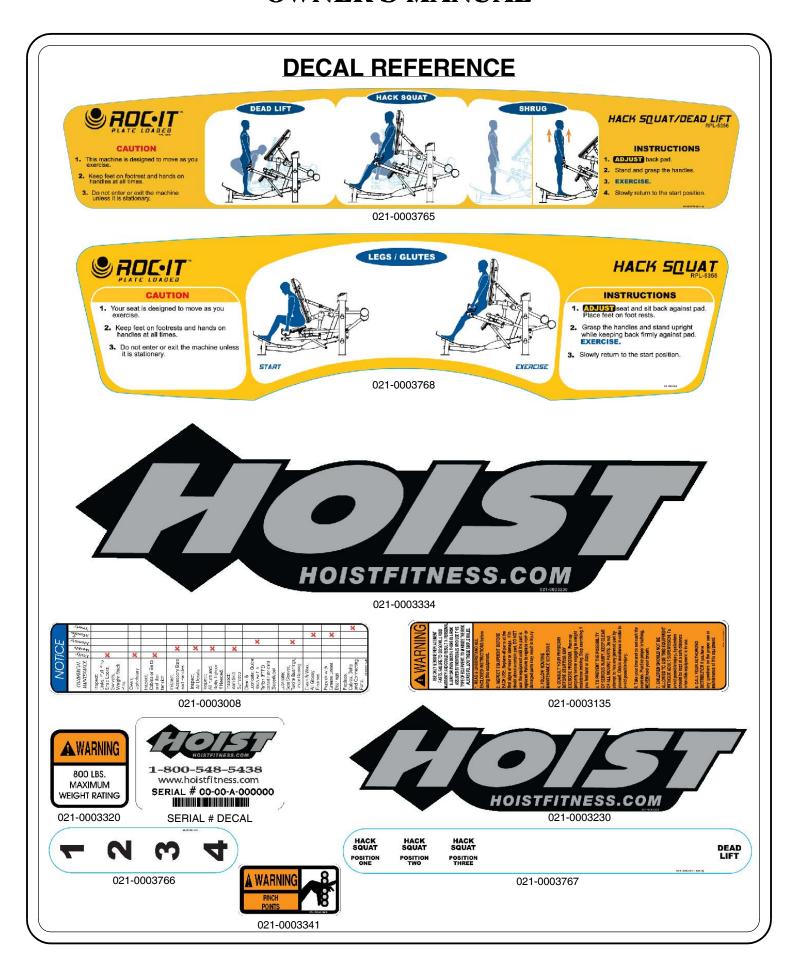
IMPORTANT

NOW THAT THE RPL-5356 IS COMPLETELY ASSEMBLED TAKE TIME TO ASSURE THAT YOUR UNIT IS ASSEMBLED SQUARE AND PERPENDICULAR. IF NOT, IT WILL BE NECESSARY TO LOOSEN SOME FRAME HARDWARE TO RE-ALIGN THE FRAME AND RETIGHTEN BOLTS.



THIS PAGE WAS INTENTIONALLY LEFT BLANK





PART LIST

NOTE: SOME OF THESE PARTS MAY COME PRE-INSTALLED

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	022-01PD2099-A	SEAT PAD ASSEMBLY	1
2	022-01PD2058-5	PLASTIC BACK PAD BACKING	1
3	022-01PD2058	BACK PAD ASSEMBLY	1
4	022-01PD2073-5	HEAD PAD PLASTIC BACKING	1
5	022-01PD2073-A	HEAD PAD ASSEMBLY	1
6	026-01X0185	PULL-PIN ASSEMBLY	1
7	026-01X2849	RACHET PULL-PIN ASSEMBLY	1
8	026-01X3238	HANDLE ASSEMBLY	2
9	026-01X3254	BASE FRAME ASSEMBLY	1
10	026-01X3578	LIFT ARM SHAFT ASSEMBLY	1
11	026-01X3294	REAR UPRIGHT LEFT ASSEMBLY	1
12	026-01X6626	RPL LIFT WEIGHT HORN	2
13	026-01X3377	REAR UPRIGHT RIGHT ASSEMBLY	1
14	026-01X3410	CENTER UPRIGHT ASSEMBLY	1
15	026-01X3725	TIE-ROD END RIGHT HANDED ASSEMBLY	4
16	026-01X3442	FOOTPLATE MOUNT ASSEMBLY	1
17	026-01X3443	HANDLE	2
18	026-01X3470	BACK PAD MOUNT	1
19	026-01X3471	RIGHT HANDLE MOUNTS	1
20	026-01X3481	LINK	1
21	026-01X3483	LOWER LIFTING ARM	1
22	026-01X3486	SEAT PAD MOUNT	1
23	026-01X3487	LEFT HANDLE MOUNTS	1
24	026-01X3489	SEAT CONTROL LINK	1
25	026-01X3498	SEAT-PAD MOUNT	1
26	026-01X3570	BACK-PAD SUPPORT	1
27	026-01X3571	ADJUSTER - OUTER ASSEMBLY	1
28	026-01X3572	ADJUSTER - INNER ASSEMBLY	1
29	026-01X3600	FOOTPLATE SUBFRAME	1
30	013-0001003	.50" CAP WASHER	4
31	014-0012014	BEARING: FLANGELESS - 25mm I.D.	8
32	014-0012015	BEARING: FLANGELESS Ø 1.65" O.D. X Ø .79" I.D. X .47" WIDE	2
33	014-0012016	THRUST BEARING75" I.D.	2
34	014-0012018	SNAP RING - 25mm EXTERNAL	6
35	014-0019005-1	T SPLIT COLLAR THREADED Ø1.00" I.D. X 20mm	1

PART LIST CONTINUED

NOTE: SOME OF THESE PARTS MAY COME PRE-INSTALLED

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
36	014-0101003	BUSHING: OILITE FLANGED Ø1.00" O.D. X Ø.75" I.D. X .600" LG.	4
37	014-0101017	BUSHING: OILITE FLANGED Ø1.03" ID X Ø1.38" OD X .75" LG.	8
38	016-0001003	END CAP 1.50" X 2.50" (BLACK)	4
39	016-0003001	.50" CAP WASHER CAP	4
40	026-01F0251	BRACKET PLATE: 2 HOLES 7.00" X 2.75"	1
41	026-01F0316	8" FLNG.	1
42	026-01F0319	.125" BRACKET PLATE	1
43	026-01M0660	SHAFT - 1.00" O.D. X Ø .52" I.D. X 4.69" LG.	2
44	026-01X6625	RPL STORAGE WEIGHT HORN	4
45	026-01M1176	HANDLE END CAPS	2
46	026-01M2285	SHAFT - 1.00 O.D. X .50 I.D. X 3.77 LG.	1
47	026-01M2352	SHAFT ∅1.000" X 6.34" LG.	1
48	026-01M2358	30 LB. COUNTERWEIGHT, RUBBER COATED	3
49	026-01M2360	SHAFT - ∅25mm X 4.71" LG.	2
50	026-01M2394	SHAFT - ∅.984 X 6.34 LG.	1
51	026-01M2631	PLASTIC GUARD	2
52	026-01M2645	SHAFT	2
53	026-01P2907	HEAD BRACKET MOUNT	1
54	026-01P2925	PAD MOUNT BRACKET	2
55	026-01P3549	BASE PLATE	1
56	026-01PL0125	E-Z GLIDE PLASTIC SLEEVE	4
57	026-01PL0133	PLASTIC STOP Ø1.25" X 2.00" LG.	4
58	026-01PL0264	WEIGHT HORN RUBBER DONUT	2
59	026-01PL2122-B	OVAL-SHAPED RUBBER FOOT	2
60	026-01PL2236	TOP CAP W/INSERTS	1
61	026-01PL2131	D-SHAPED RUBBER FOOT	2
62	026-01PL2246	DUAL HOLE BUMPER 2.05" THICK	3
63	026-01PL2257	PLASTIC GUARD RAIL	2
64	026-01PL2262	FOOT PAD	1
65	026-01PL2533	RUBBER DONUT FOR PLASTIC WEIGHT HORN	4
66	013-1002008	1/4" X 16mm SAE FLAT WASHER (Ni)	2
67	013-1002007	3/8" X 22mm FLAT WASHER (Ni)	36
68	013-1002006	1/2" X 27mm SAE FLAT WASHER (Ni)	68
69	013-1006001	1/4" SPLIT LOCK WASHER (Ni)	2
70	013-1006003	3/8" SPLIT LOCK WASHER (Ni)	18

PART LIST CONTINUED

NOTE: SOME OF THESE PARTS MAY COME PRE-INSTALLED

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
71	013-1006004	1/2" SPLIT LOCK WASHER (Ni)	10
72	013-1002010	5/16" SAE FLAT WASHER (Ni)	11
73	011-0701083	1/4"-20UNC X 2.50" BHCS (Ni) w/ NYLON PATCH	2
74	011-0301020	1/4"-20UNC SHCS (BZ)	2
75	011-0701004	5/16"-18UNC X 1.25" BHCS (Ni)	11
76	011-0701020	3/8"-16UNC X 1.00" BHCS (Ni)	8
77	011-0701028	3/8"-16UNC X 3.00" BHCS (Ni)	2
78	011-0701027	3/8"-16UNC X 2.75" BHCS (Ni)	4
79	011-0704001	3/8-16UNC X .75" SQUARE HEAD (Ni)	2
80	011-0401009	3/8"-16UNC X 2.25" BHCS (SS)	4
81	011-0702006	3/8"-16UNC X 1.75" FHCS (Ni)	4
82	011-0116142	3/8"-16UNC X 1.00" LOW HEAD SHCS (Ni)	1
83	011-0116108	1/2"-13UNC X 1.25" LOW HEAD SHCS (Ni)	4
84	011-0116116	1/2"-13UNC X 3.25" LOW HEAD SHCS (Ni)	2
85	011-0116117	1/2"-13UNC X 3.50" LOW HEAD SHCS (Ni)	2
86	011-0116120	1/2"-13UNC X 4.25" LOW HEAD SHCS (Ni)	9
87	011-0116122	1/2"-13UNC X 4.75" LOW HEAD SHCS (Ni)	1
88	011-0116124	1/2"-13UNC X 5.25" LOW HEAD SHCS (Ni)	2
89	011-0116127	1/2"-13UNC X 6.00" LOW HEAD SHCS (Ni)	4
90	011-0116133	1/2"-13UNC X 7.50" LOW HEAD SHCS (Ni)	2
91	011-0107083	12mm x 50mm HHB (WZ)	2
92	011-0107084	12mm x 65mm HHB (WZ)	2
93	011-0701047	1/2"-13UNC X 1.00" BHCS (Ni)	6
94	011-0401008	1/2"-13UNC X 1.75" BHCS (SS)	4
95	012-0504005	3/8"-16 UNC THIN NYLOCK NUT (Ni)	15
96	012-0504011	12mm THICK NYLOCK NUT (Ni)	4
97	012-0504002	1/2"-13 UNC THIN NYLOCK NUT (Ni)	32
98	021-0003008	DECAL COMMERCIAL MAINTENANCE 1.50 X 6.69	1
99	021-0003135	DECAL WARNING 1.50" X 6.69"	1
100	021-0003230	DECAL HOIST 1.625" X 6.0613"	1
101	021-0003320	DECAL 800 LB. WEIGHT RATING (1.63" X 1.63")	1
102	021-0003334	DECAL HOIST 3.88" X 14.45"	2
103	021-0003341	DECAL PINCH POINT 1.07" X 2.13" (HORIZONTAL)	2

PART LIST CONTINUED

NOTE: SOME OF THESE PARTS MAY COME PRE-INSTALLED

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
105	021-0003765	DECAL - RPL-5356 EXERCISE DECAL	1
106	021-0003766	DECAL ADJUST 1-4 VERTICAL TXT.	1
107	021-0003767	DECAL: RPL-5356 BACK PAD ADJUSMENT	1
108	021-0003768	RPL-5356 HACK SQUAT PLACARD	1
109	021-0018022	DECAL HOISTFITNESS.COM LOGO	1
110	SERIAL # DECAL	DECAL HOIST SERIAL # 1.63" X 2.63"	1
111	011-0701003	5/16"-18UNC X 1.00" BHCS (Ni)	1
112	013-0402010	3/8" X 22mm FLAT WASHER (SS)	12
113	013-0402002	1/2" X 27mm SAE FLAT WASHER (SS)	4
114	011-0401005	3/8"-16UNC X 1.00" BHCS (SS)	8
115	013-0402011	3/8" SPLIT LOCK WASHER (SS)	4
116	013-0402012	1/2" SPLIT LOCK WASHER (SS)	4
117	013-1010003	5/16" INTERNAL LOCK WASHER (Ni)	11
118	016-0201051	$ \emptyset$ 1 5/8" END CAP (DOMED)	2
121	016-0201023	END CAP ∅1.50" (BLACK)	4
122	026-01PL0286	ϕ 1.25" END PLUG	2
123	026-01PL2532	LONG WEIGHT HORN COVER	4
124	026-01PL2535	WEIGHT HORN END CAP	6
125	026-01PL2576	9.25" WEIGHT HORN COVER	2
126	011-0701084	3/8"-16UNC X 1.25" BHCS (Ni) W/ DRI-LOC PATCH	6

ABBREVIATIONS

BZ = Black Zinc

Ni = Nickel Plated

SS = Stainless Steel

WZ = White Zinc



HHB = Hex Head Bolt



FHCS = Flat Head Cap Screw



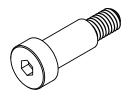
BHCS = Button Head Cap Screw



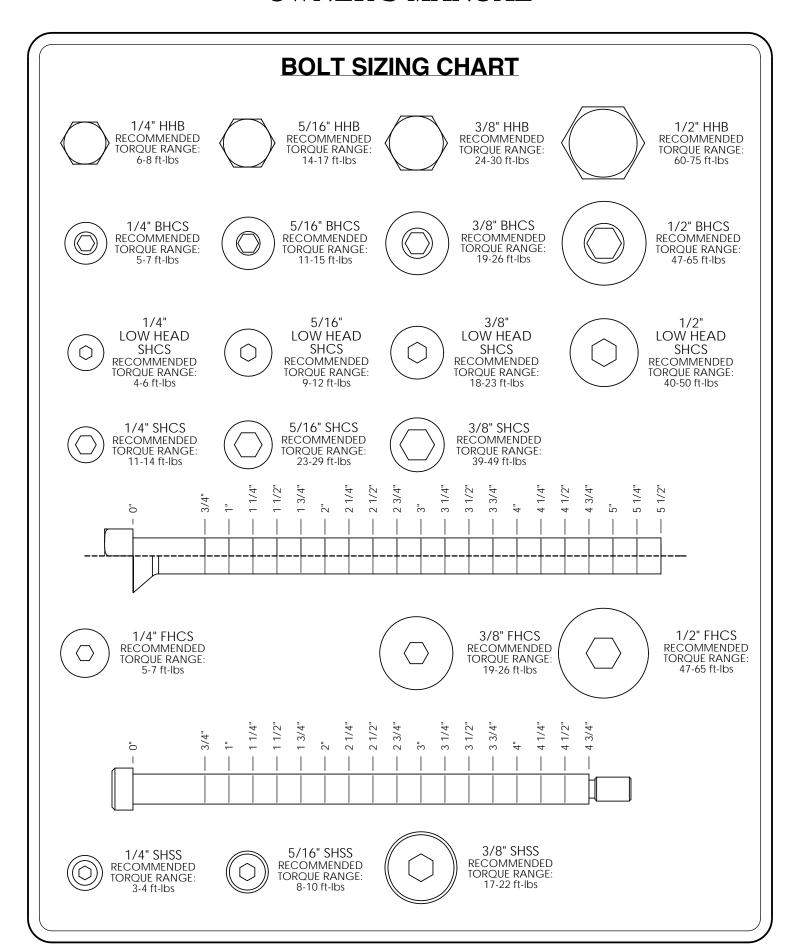
SHCS = Socket Head Cap Screw

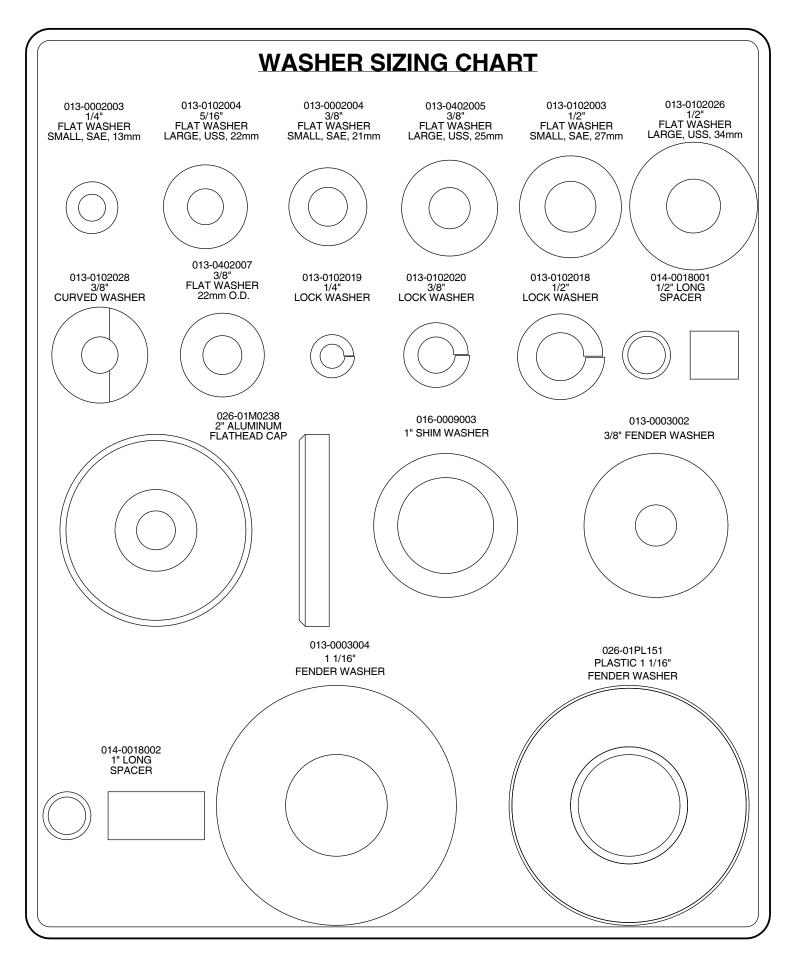


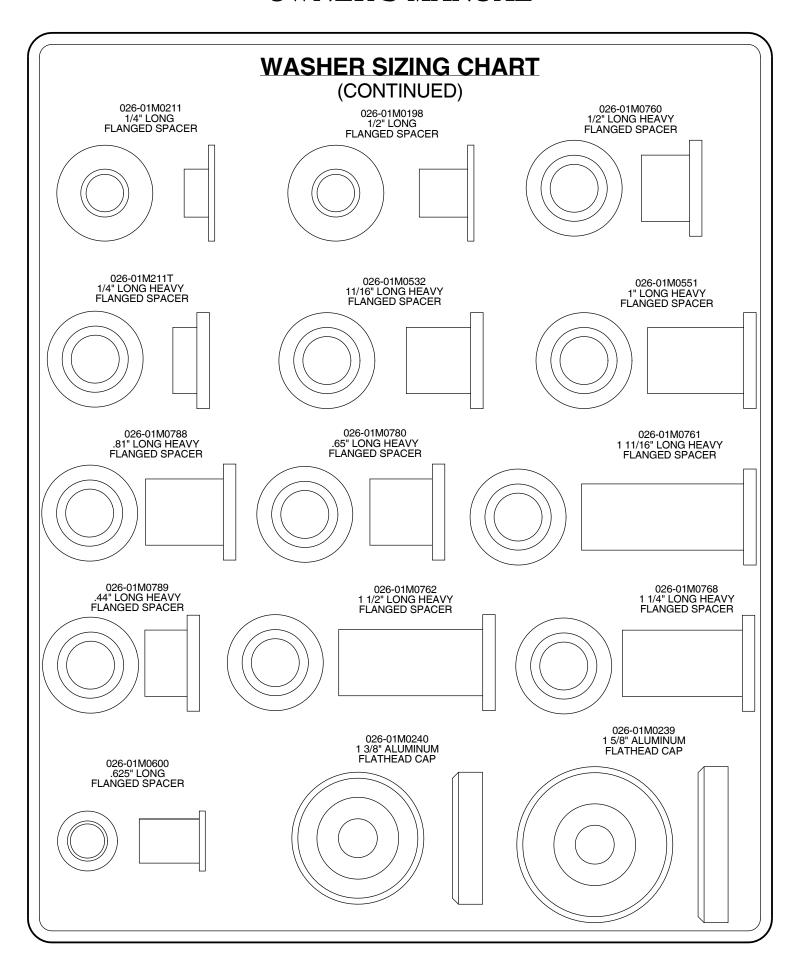
Low Head SHCS = Low Head Socket Head Cap Screw



SHSS = Socket Head Shoulder Screw







MAINTENANCE SCHEDULE

ROUTINE	COMMERCIAL / LIGHT COMMERCIAL MAINTENANCE	HOME MAINTENANCE	LATEST DATE ENTRY									
Inspect; Links, Pull Pins, Snap Locks, Swivels, Weight Stack Pins	DAILY	WEEKLY										
Clean; Upholstery	DAILY	WEEKLY										
Inspect; Cables or Belts and their tension	DAILY	WEEKLY										
Inspect; Accessory Bars, and Handles	WEEKLY	3 MONTHS										
Inspect; All Decals	WEEKLY	3 MONTHS										
Inspect; All Nuts and Bolts, Tighten if needed	WEEKLY	3 MONTHS										
Inspect; Anti-Skid Surface	WEEKLY	3 MONTHS										
Clean & Lubricate; Guide Rods with a Teflon (PTFE) based lubricant (Superlube)	MONTHLY	3 MONTHS										
Lubricate; Seat Sleeves, Turcite Bushings, Linear Bearing	MONTHLY	3 MONTHS										
Clean and Wax; All Glossy Finishes	6 MONTHS	YEARLY										
Repack with Grease; Linear Bearings	6 MONTHS	YEARLY										
Replace; Cables, Belts and Connecting Parts	YEARLY	3 YEARS										

Your equipment comes with a commercial maintenance decal. For personal, in home use, please follow the home maintenance schedule listed above.

Never use ammonia, acid-based, or petroleum-based solvents on any portion of the machine as it may damage the finish.

HOIST FITNESS SYSTEMS GENERAL MAINTENANCE INFORMATION

Links, Pull-Pins, Snap Hooks, Swivels, Weight Stack Pins:

- *Check all pieces for signs of visible wear or damage.
- *Check springs in snap hooks and pull-pins for proper tension and alignment.
- *If the spring sticks or has lost its rigidity, replace it immediately.

Upholstery:

- *To ensure prolonged upholstery life and proper hygiene, all upholstered pads should be wiped down with a damp cloth after every workout.
- *Periodically take the time to use a mild soap or an approved vinyl upholstery cleaner to deter the onset of cracking or drying. Avoid using any abrasive cleaners or cleaners not intended for use on vinyl.
- *Replace ripped or warn upholstery immediately.
- *Keep sharp or pointed objects clear of all upholstery.

Decals:

*Inspect and familiarize yourself with any safety warnings or other user information posted on each decal.

Nuts and Bolts:

- *Inspect all nuts and bolts for any loosening and tighten if needed.
- *Go through a re-tightening sequence periodically to ensure that all hardware is tensioned proper.

Anti-Skid Surfaces:

*These surfaces are designed to supply secure footing and need to be replaced if they appear worn or become slippery.

Belts and Cables:

- *Hoist uses only high quality belt, and mil-spec cables.
- *Visually inspect the belts and cables for fraying, cracking, peeling or discoloration.
- *While the machine is not in use, carefully run your fingers along the belt or cable to feel for thinning or bulging areas.
- *Replace belts and cables immediately at the first signs of damage or wear. Do not use equipment until belts or cables have been replaced.

Belt and Cable Tension:

- *Referring to the Owners Manual, when belts or cables are used check all bolts attachments to be sure they are properly attached.
- *Check slack in cables and re-adjust cable tension if needed.

Seat Sleeves, Guide Rods:

- *Wipe down adjusting tubes with a dust free rag before applying lubricant.
- *Lubricate seat sleeves and Guide Rods with a Silicon or Teflon based lubricant spray.

Linear Bearings:

*Referring to the Owners Manual carefully disassemble the bearing from its housing and place a finger full of light grease (lithium, super lube, etc.) into the inside of the bearing. Using your finger, press the grease into the ball-bearings and their tracks. repeat until the ball-bearing tracks are full of grease. Insert the shaft back into the bearing and wipe off excess grease.

PLEASE KEEP THIS FOR YOUR RECORDS

WEIGHT TRAINING TIPS

Use this manual to guide you through the basic exercises you can perform on your RPL-5356 HOIST® Fitness System. To gain maximum results and avoid possible injury, consult a fitness professional to develop your complete exercise program.

Always consult your physician before starting any exercise program.

To be successful in your exercise program, it is important to develop an understanding of the basic principles of strength training. Now that you have your RPL-5356 HOIST® Fitness System, it is only natural that you want to get started immediately. First, determine a set of realistic goals and objectives for yourself. By deciding on an exercise plan that is right for you prior to starting, you will contribute significantly to your success.

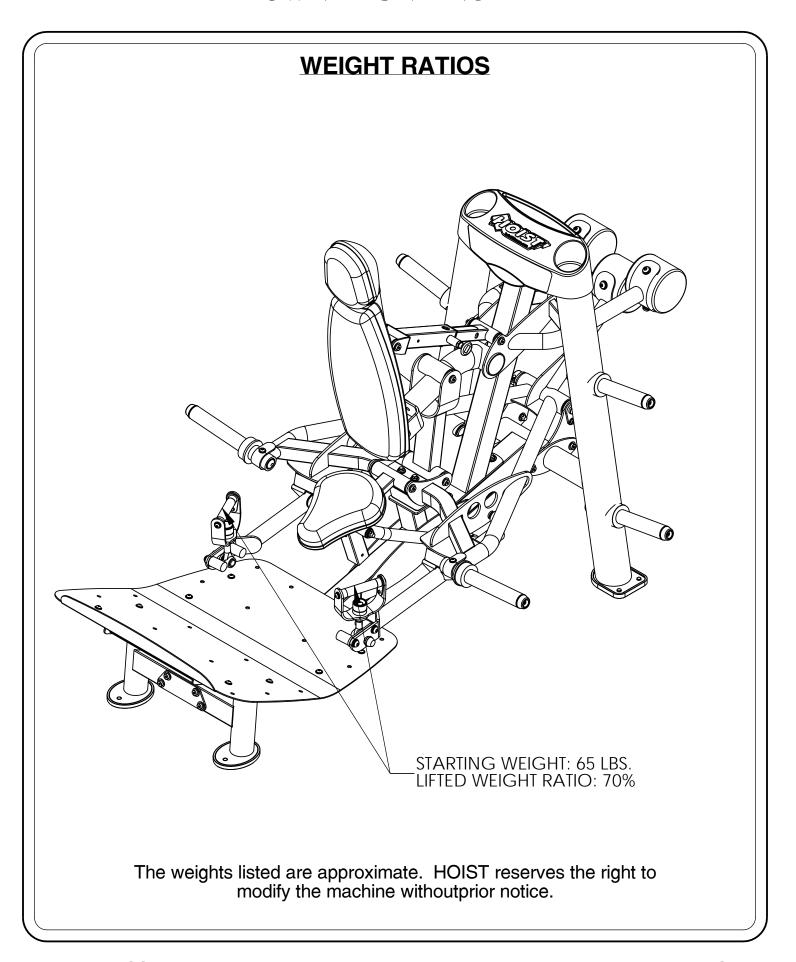
Warm up properly before engaging in weight resistance training. Stretching, yoga, jogging, calisthenics or other cardiovascular exercise can help prepare your body for the heavier workload of lifting weights.

Learn how to perform the exercise correctly before using heavy weight. Correct form is important to avoid injury and to ensure that you work the proper muscle groups.

Know your limitations. If you are new to weight training or are embarking on an exercise regimen after a long layoff, start slowly and build foundational strength over a longer period of time.

Pay attention to your breathing. Exhale when you exert is a general rule of thumb. Never hold your breath.

Enjoy your RPL-5356 HOIST® Fitness System!



Totals													Exercise	Date
													\mathbf{S}	Γ
													R	
													W	L
													S	l
												_	R	
													W	L
												\dashv	S	l
													R	l
													W	ļ
												_	\mathbf{s}	ł
												\dashv	R	l
													W	ļ
													S R	ł
												-	<u>₹</u>	ł
													$\overline{\mathbf{s}}$	ł
													R	l
													W	l
												\dashv	$\overline{\mathbf{S}}$	ł
													R	l
												1	W	l
													\mathbf{s}	t
													R	l
													W	١
												\dashv	$\overline{\mathbf{s}}$	t
													R	١
													W	l
												\dashv	\mathbf{S}	t
													R	1
													W	l
												一	S	t
													R	1
													W	1
												_	\mathbf{S}	f
													R	
													M	1

WEIGHT TRAINING EXERCISE LOG

S = Sets R = Repetition per set W = Weight used

HOIST FITNESS SYSTEMS LIMITED LIFETIME WARRANTY

Hoist Fitness Systems warrants this product to the **original purchaser** to be free from defects in workmanship and/or materials under normal use or service. If at any time a component part is defective, Hoist Fitness Systems shall repair or replace it (at Hoist Fitness Systems option) within a reasonable period of time. This warranty does not cover costs of removal, transportation or reinstallation. This warranty shall not apply if the defect was caused by misuse, neglect or normal wear and tear.

WARRANTY CLAIMS. All claims require: Model number, Serial number, Date of installation, and any information supporting the existence of the alleged defect.

To complete Warranty Registration visit:

www.HOISTFITNESS.com

and click on the Warranty Registration link

Starting from the original date of purchase, normal wear and tear shall be considered as the following:

COMMERCIAL USE: All malfunctions of upholstery, grips, and coatings that occur up to one year; all malfunctions of belts, or cables up to one year; all malfunctions of pulleys, bearings, or bushings that occur up to three years. The frame and body components are warranted for ten years, with structural moving parts warranted for five years.

LIGHT COMMERCIAL USE: All malfunctions of upholstery, grips, and coatings that occur up to one year; all malfunctions of belts, or cables up to one year; all malfunctions of pulleys, bearings, or bushings that occur up to three years. The frame and body components are warranted for ten years, with structural moving parts warranted for five years.

HOME USE: All malfunctions of grips, paint, and chrome that occur up to ten years; all malfunctions of electronic components, belts, cables, or upholstery that occur up to ten years; all malfunctions of pulleys, bearings, or bushings that occur up to ten years. The frame and all welded components are warranted for the life of the product.

PLEASE NOTE THAT NOT ALL HOIST PRODUCTS ARE MADE FOR COMMERCIAL USE. Refer to the instructions page of your owners manual or consult with you fitness product dealer to establish if a product is made for commercial use or not. Using a non-commercial product in a commercial setting can result in serious injury or death! Hoist Fitness Systems sole responsibility shall be to repair or replace the component within the terms stated above. Hoist Fitness Systems shall not be liable for any loss or damage of any kind including any incidental or consequential damages resulting, directly or indirectly from any warranty expressed or implied or any other failure of this product.

LIGHT COMMERCIAL USE: Our Light Commercial warranty applies to facilities that **DO NOT** charge monthly membership dues and where the equipment would be used by **no more than 50** people per day. Examples of Light Commercial facilities include hotels, apartment complexes, personal training studios, fire stations, police stations, etc., that meet the criteria stated above.

WHAT IS NOT COVERED BY THIS WARRANTY: Hoist's sole obligation under this warranty is limited to either repair or replacement of parts, subject to the additions below. This warranty neither assumes nor authorizes any person to assume obligations other than expressly covered by this warranty.

NO CONSEQUENTIAL DAMAGES: Hoist is not responsible for economic loss; profit loss; or special, indirect, or consequential damages.

WARRANTY IS NOT TRANSFERABLE: This warranty is not assignable and applies only in favor of the original purchaser/user to whom delivered. Any such assignment or transfer shall void the warranties herein made and shall void all warranties, expressed, implied or statutory, except the one (1) and five (5) year warranties described above. These warranties are exclusive and in lieu of all other warranties, including implied warranty and merchantability or fitness for a particular purpose. There are no warranties which extend beyond the description on the face hereof.

TRANSPORTATION COSTS: Hoist will accept parts covered under this warranty freight collect, provided that shipment has received prior approval. Hoist is not responsible for any other transportation costs, but will ship freight collect parts either repaired or replaced under these warranties.

Hoist Fitness Systems 11900 Community Rd. Poway, CA. 92064 (800)548-5438

PLEASE KEEP THIS FOR YOUR RECORDS