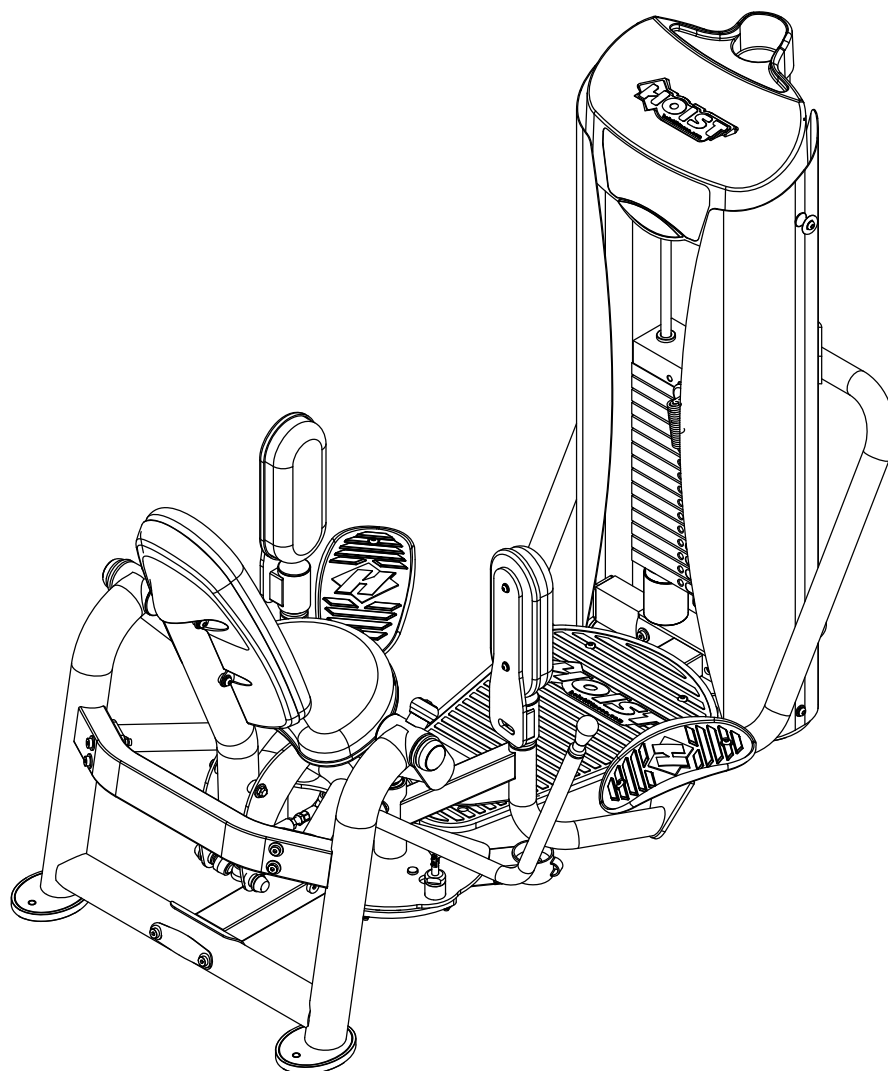


# OWNER'S MANUAL



## RS-1407 OUTER THIGH



### **\*\*WARNING!\*\***

TO PREVENT POSSIBLE TIPPING, BOLT THIS UNIT TO THE EXERCISE FLOOR. 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**

**MACHINE CODE**

**B06**

**Customer Service**

**(800) 548-5438**

**(858) 578-7676**

**Fax**

**(858) 578-9558**



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# OWNER'S MANUAL

## CONTENTS

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# **OWNER'S MANUAL**

## **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**

**SAE Hex Key Wrench Set**

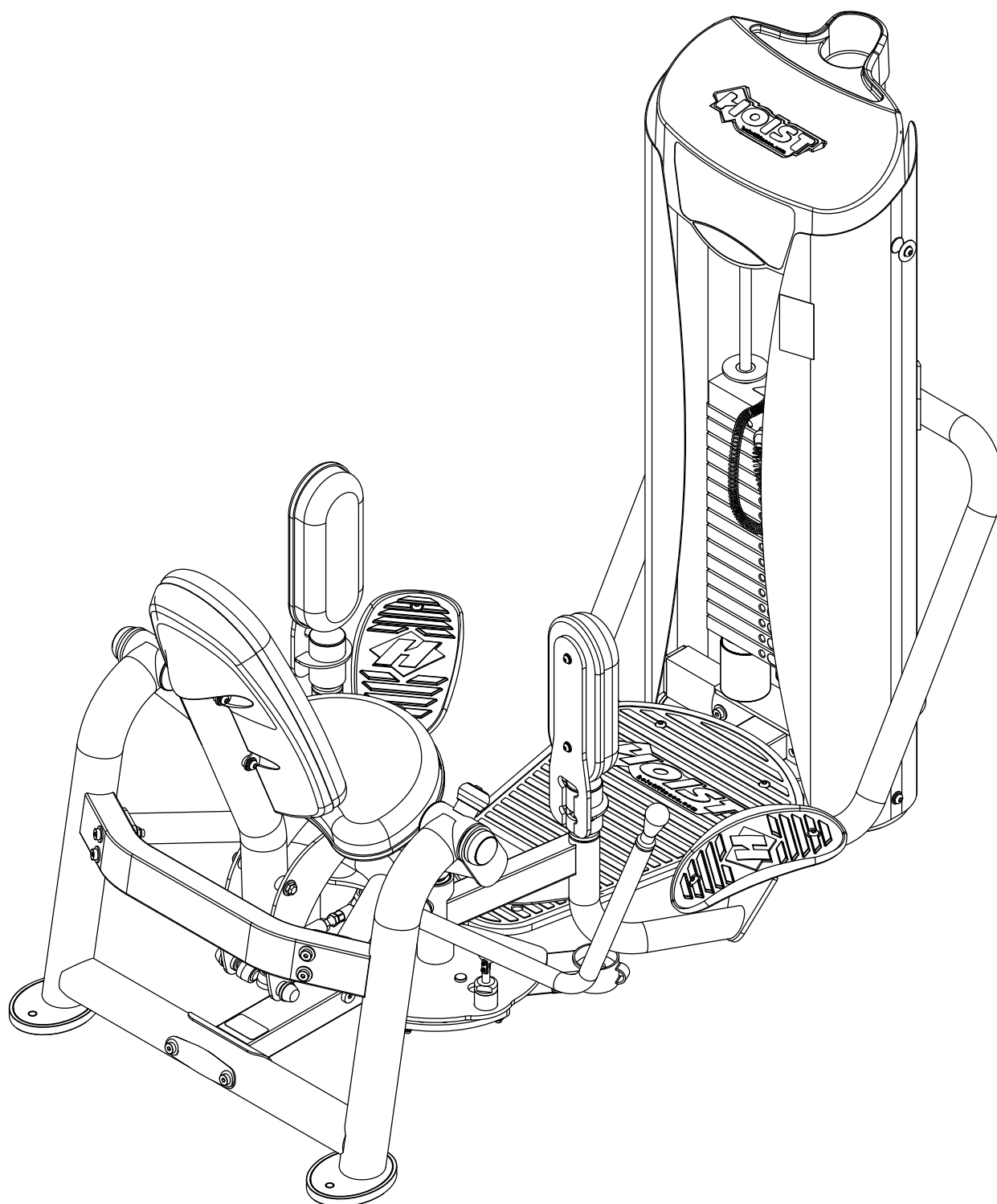
**Two People**

# **OWNER'S MANUAL**

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# OWNER'S MANUAL

## FRAME ASSEMBLY



# OWNER'S MANUAL

## FRAME ASSEMBLY

### **\*ASSEMBLE WEIGHT CAGE FIRST\***

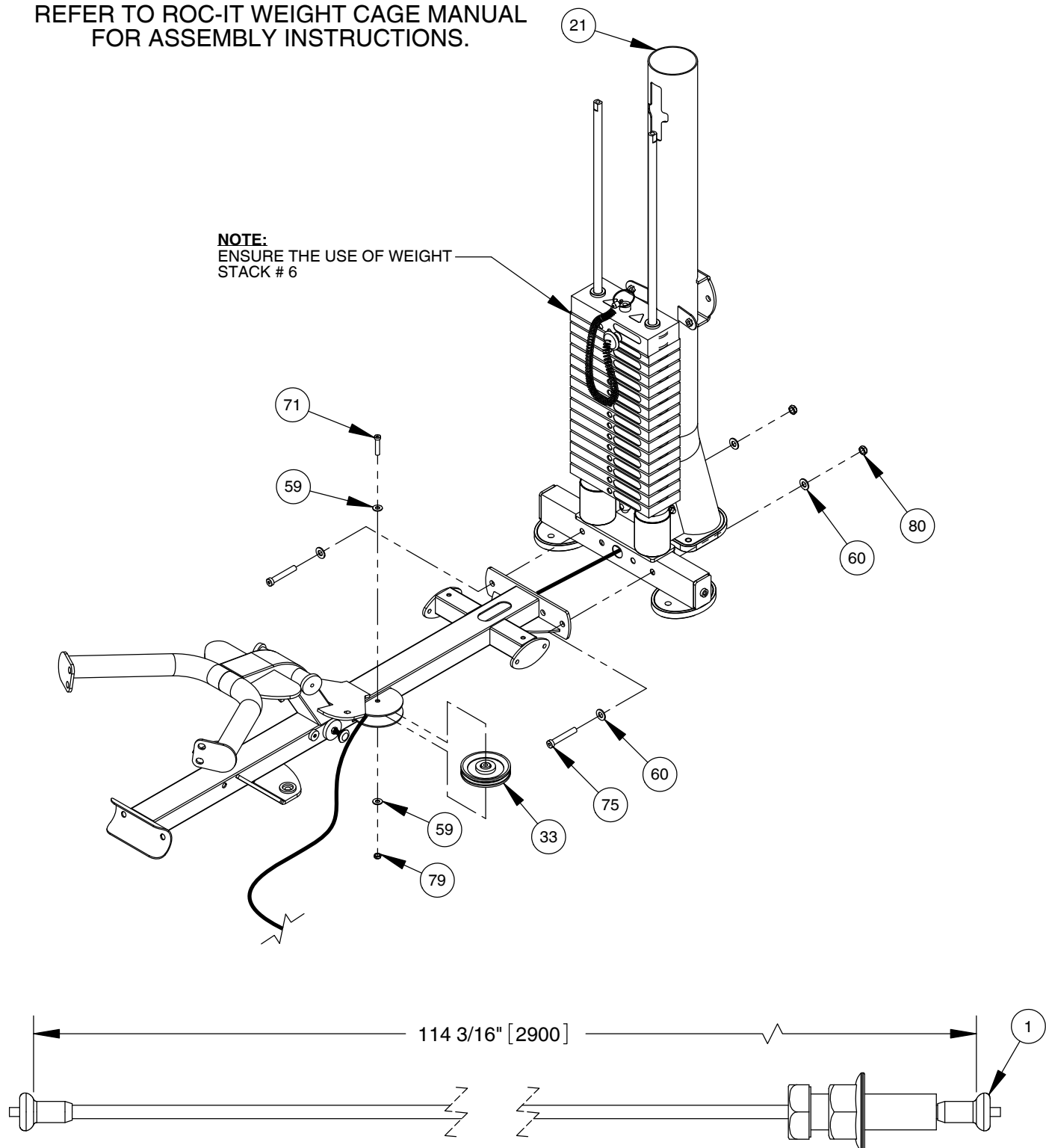
REFER TO ROC-IT WEIGHT CAGE MANUAL  
FOR ASSEMBLY INSTRUCTIONS.

**NOTE:**

- WRENCH TIGHTEN HARDWARE (71).
- HAND TIGHTEN ALL OTHER HARDWARE.
- INSTALL CABLE AND PULLEYS AT THE SAME TIME.

**NOTE:**

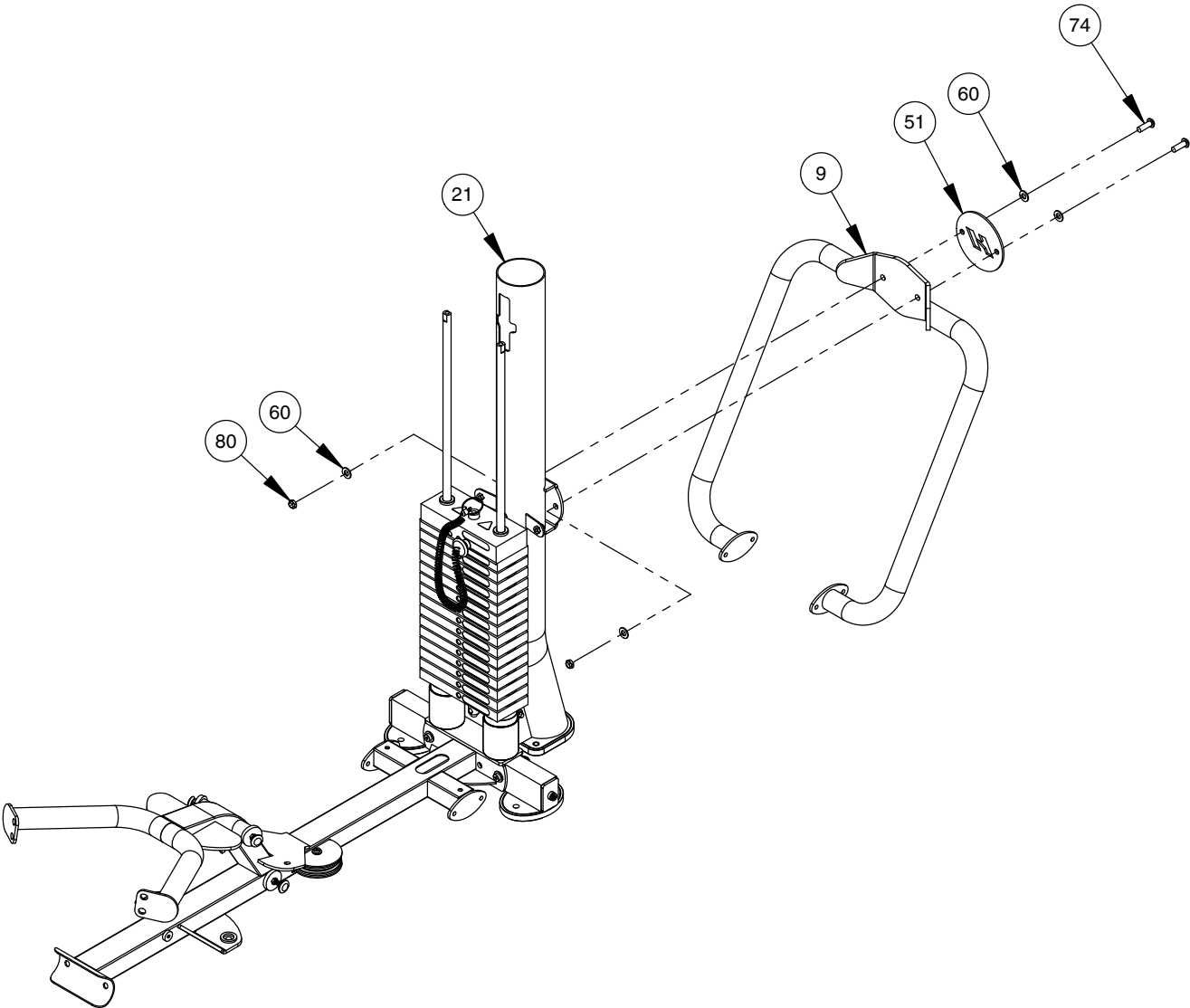
ENSURE THE USE OF WEIGHT  
STACK # 6



# OWNER'S MANUAL

## FRAME ASSEMBLY

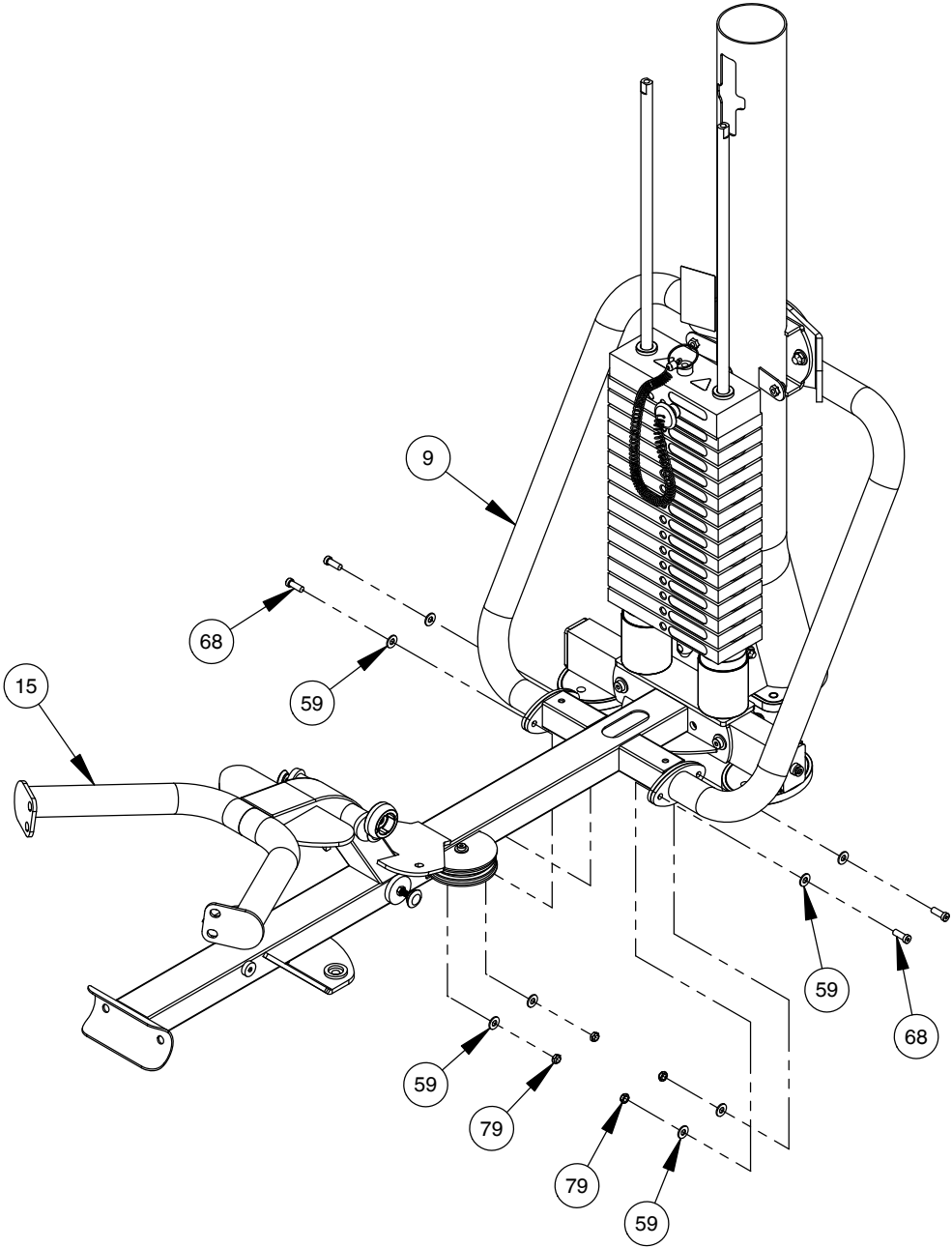
NOTE:  
- HAND TIGHTEN HARDWARE.



# OWNER'S MANUAL

## FRAME ASSEMBLY

NOTE:  
- HAND TIGHTEN HARDWARE.

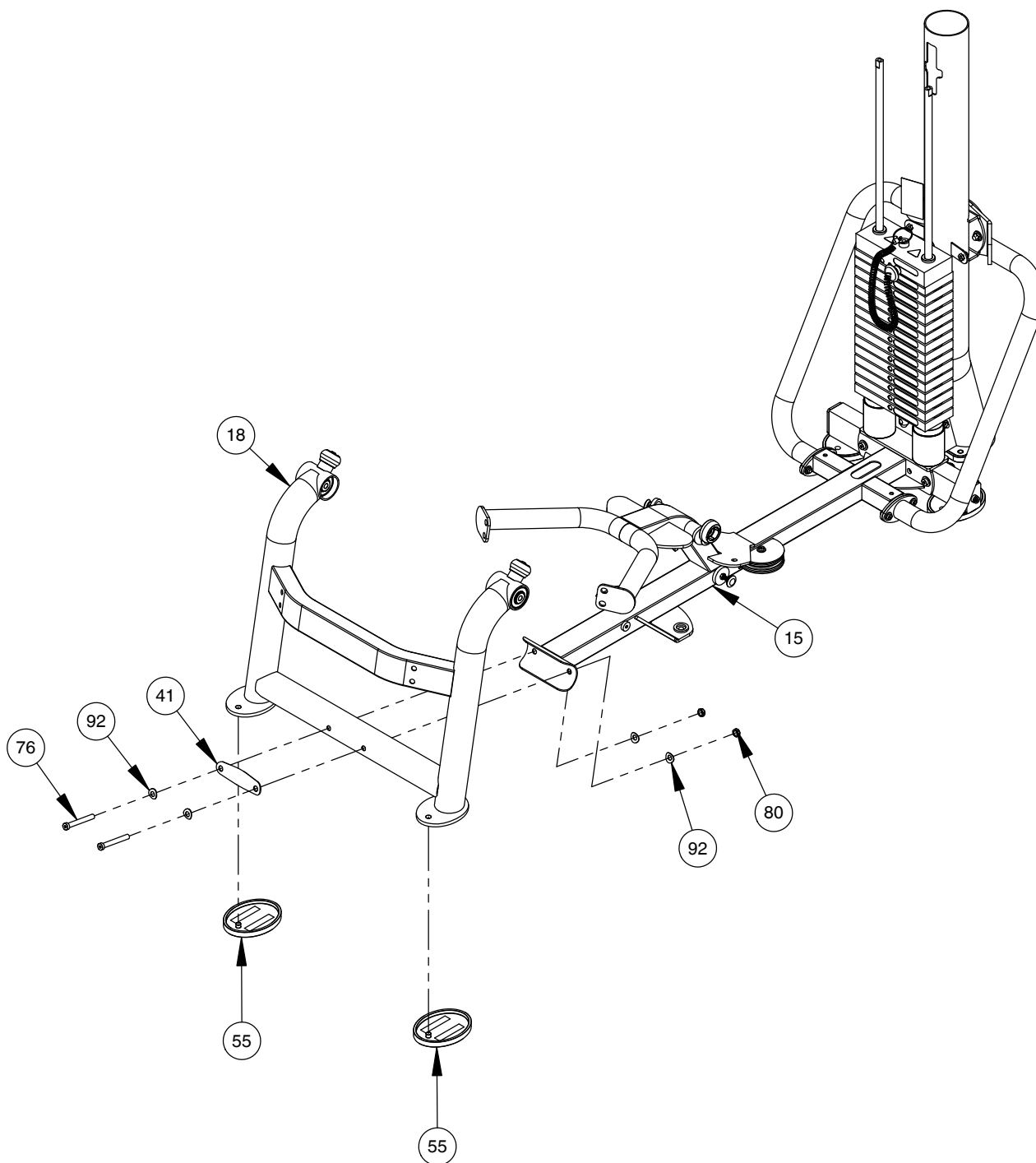




# OWNER'S MANUAL

## FRAME ASSEMBLY

NOTE:  
- HAND TIGHTEN HARDWARE.

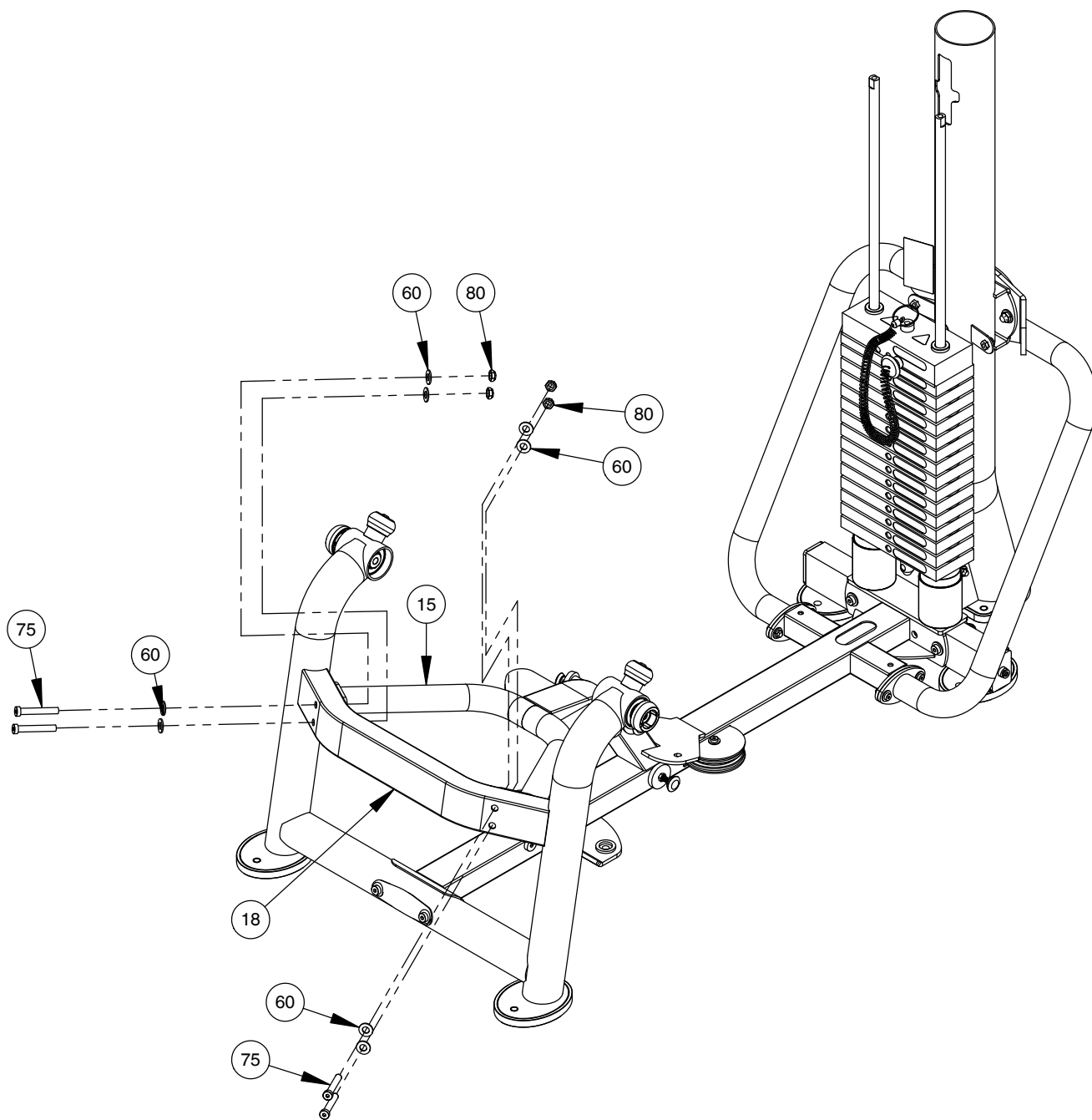


# OWNER'S MANUAL

## FRAME ASSEMBLY

NOTE:

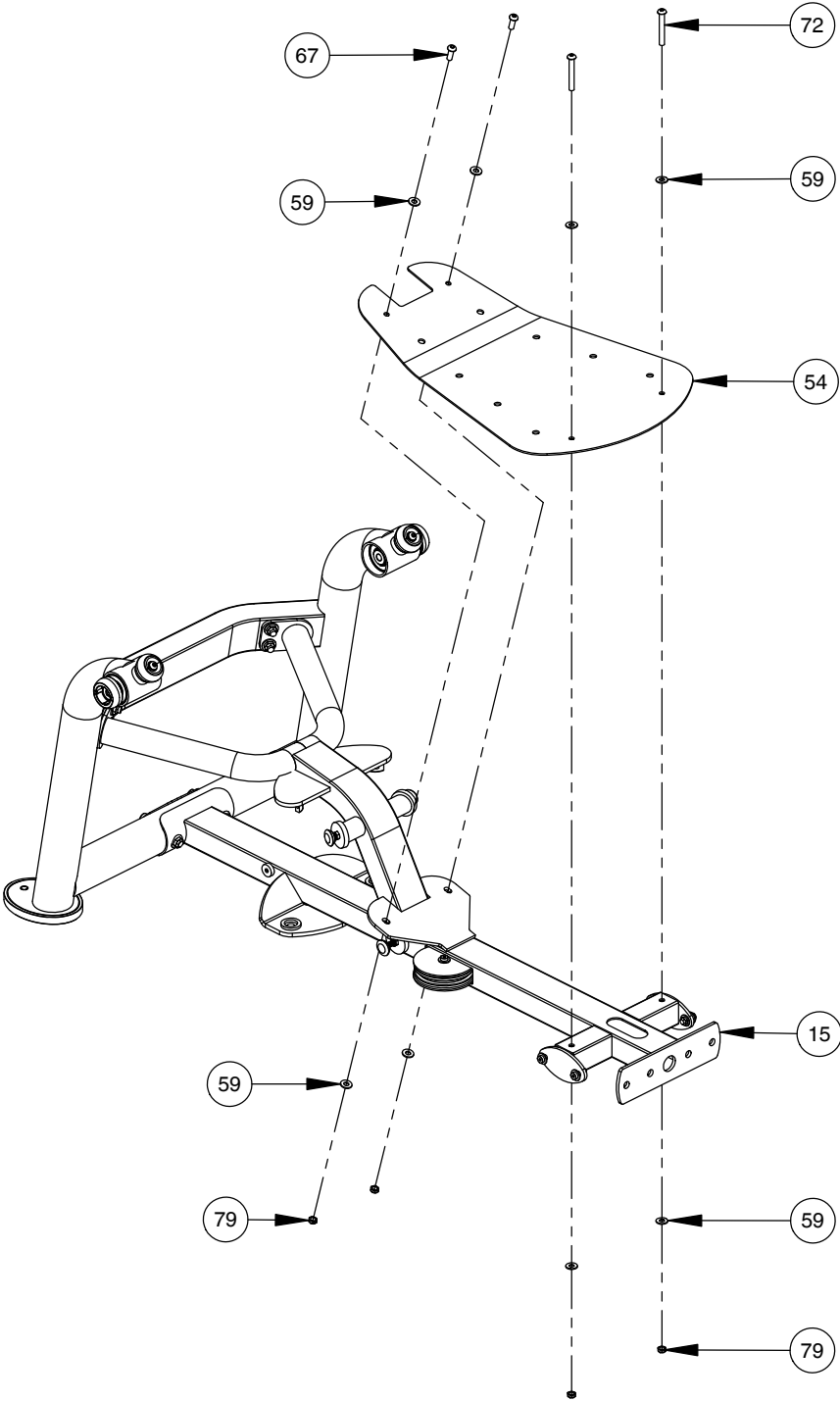
- WRENCH TIGHTEN HARDWARE.
- WRENCH TIGHTEN ALL PREVIOUSLY HAND TIGHTENED HARDWARE.



# OWNER'S MANUAL

## FRAME ASSEMBLY

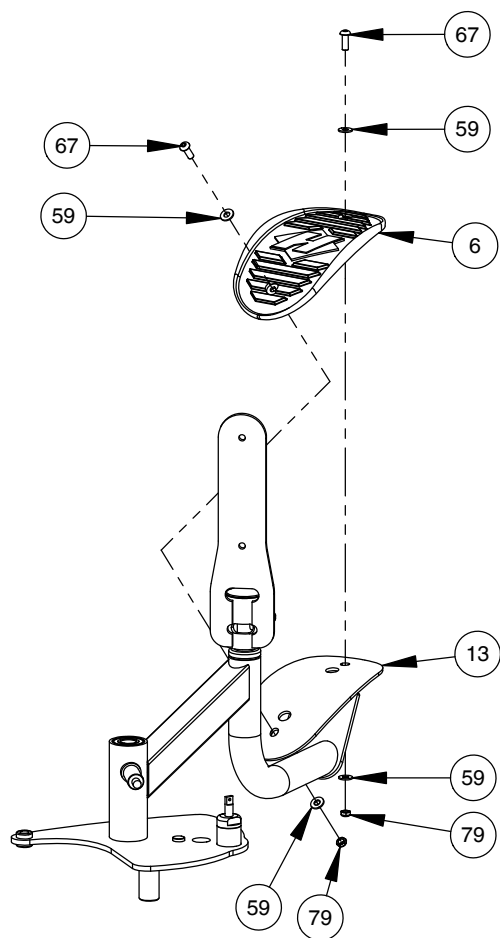
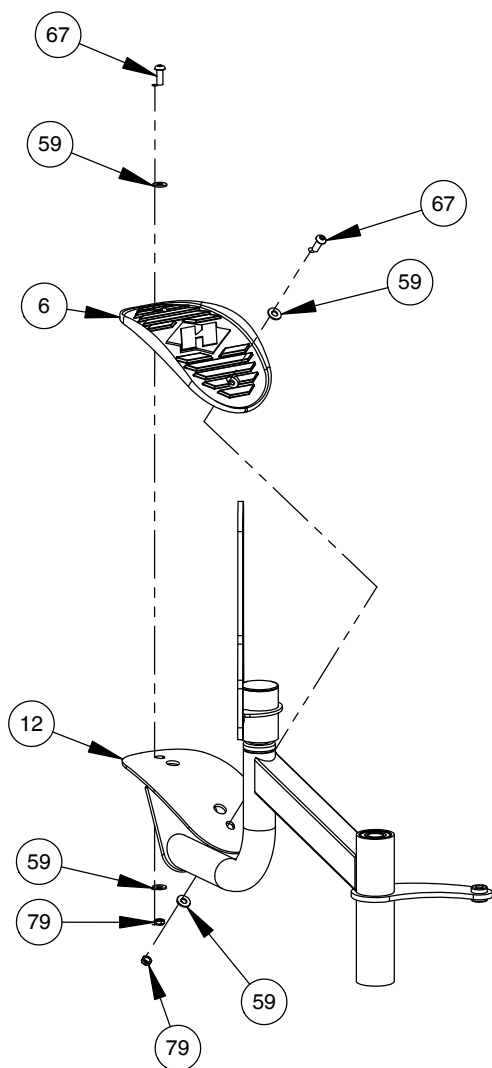
NOTE:  
- WRENCH TIGHTEN HARDWARE.  
- SOME PARTS MAY HAVE BEEN  
REMOVED FOR CLARITY.



# OWNER'S MANUAL

## FRAME ASSEMBLY

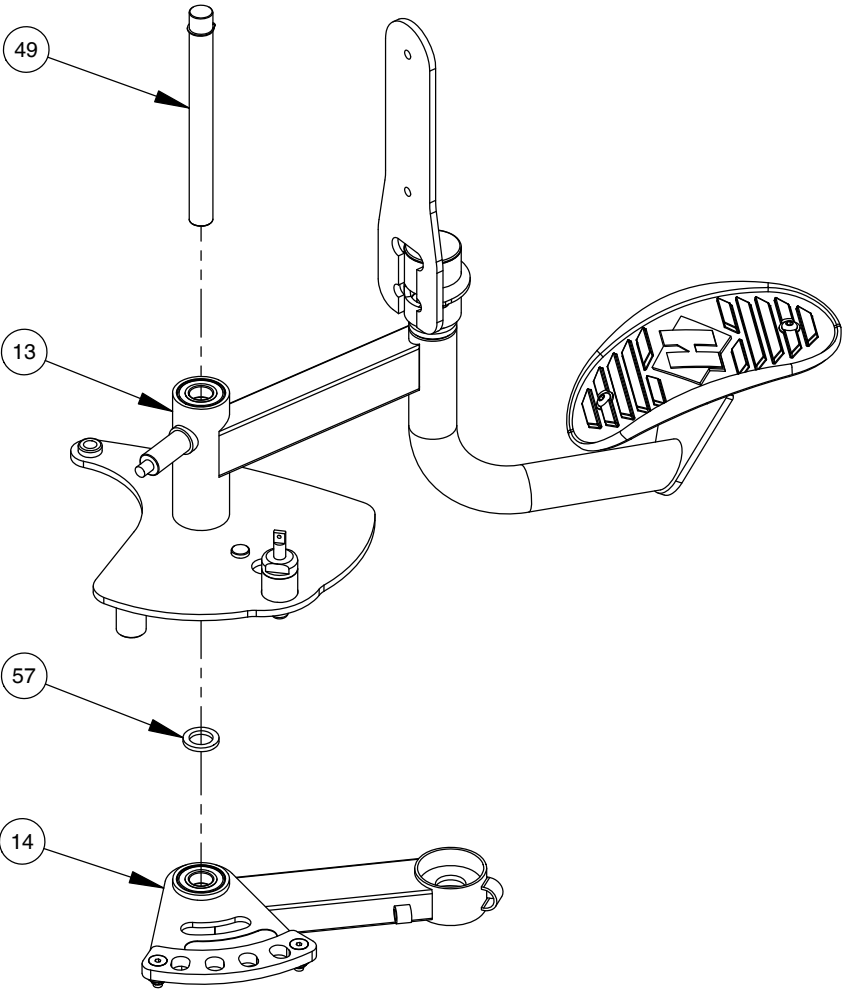
NOTE:  
- WRENCH TIGHTEN HARDWARE.  
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REMOVED FOR CLARITY.



# OWNER'S MANUAL

## FRAME ASSEMBLY

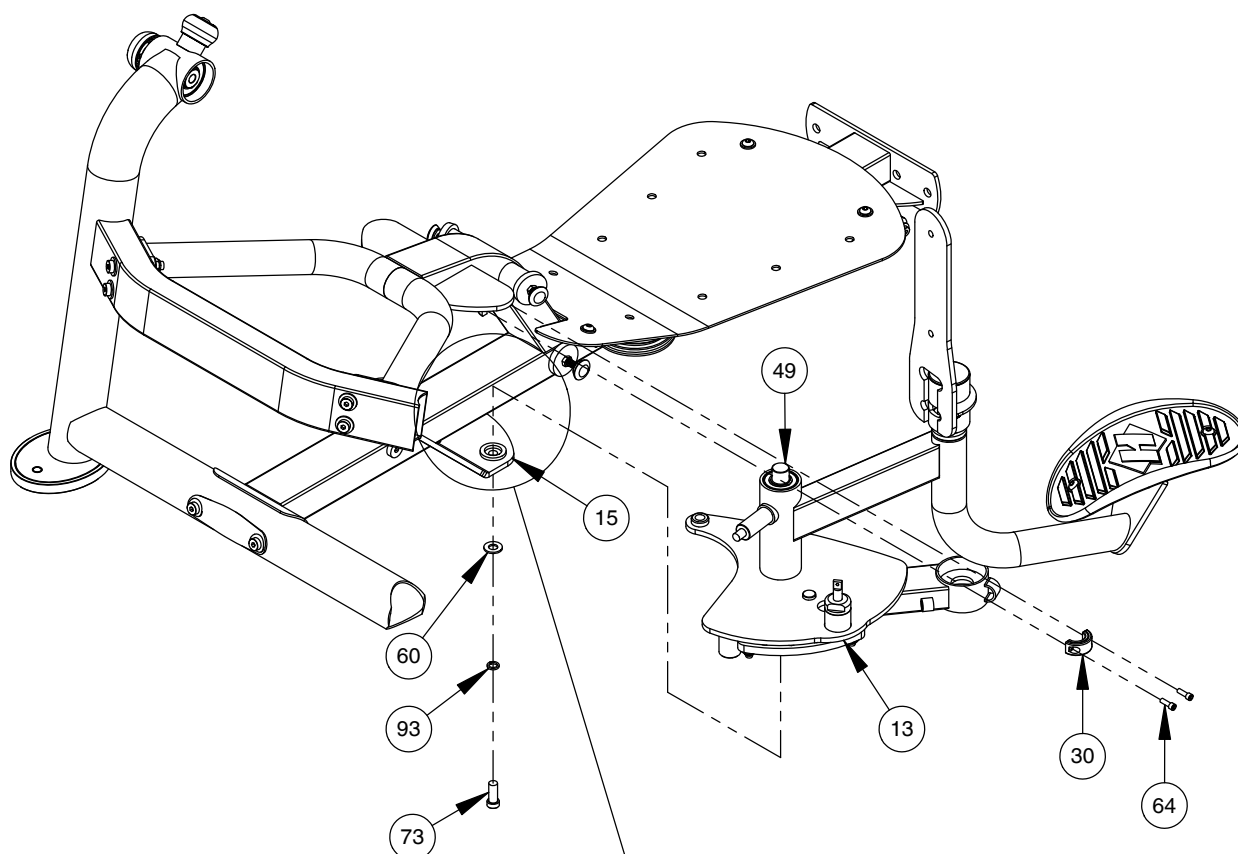
NOTE:  
- SOME PARTS MAY HAVE BEEN  
REMOVED FOR CLARITY.



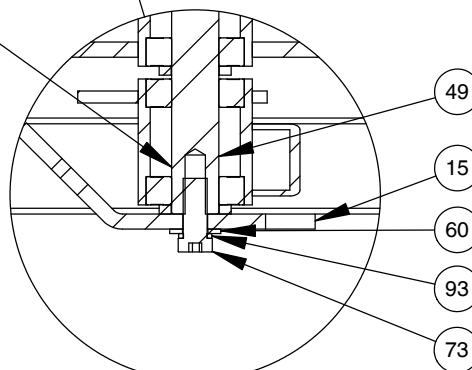
# OWNER'S MANUAL

## FRAME ASSEMBLY

NOTE:  
- WRENCH TIGHTEN HARDWARE.  
- SOME PARTS MAY HAVE BEEN  
REMOVED FOR CLARITY.



**NOTE:**  
INSERT SHAFT (49) INTO POCKET ON BASE  
FRAME ASSEMBLY (15) AND INSTALL FLAT  
WASHER (60), SPLIT LOCK WASHER (93),  
AND BOLT (73) BEFORE INSTALLING SPLIT  
COLLAR (30).

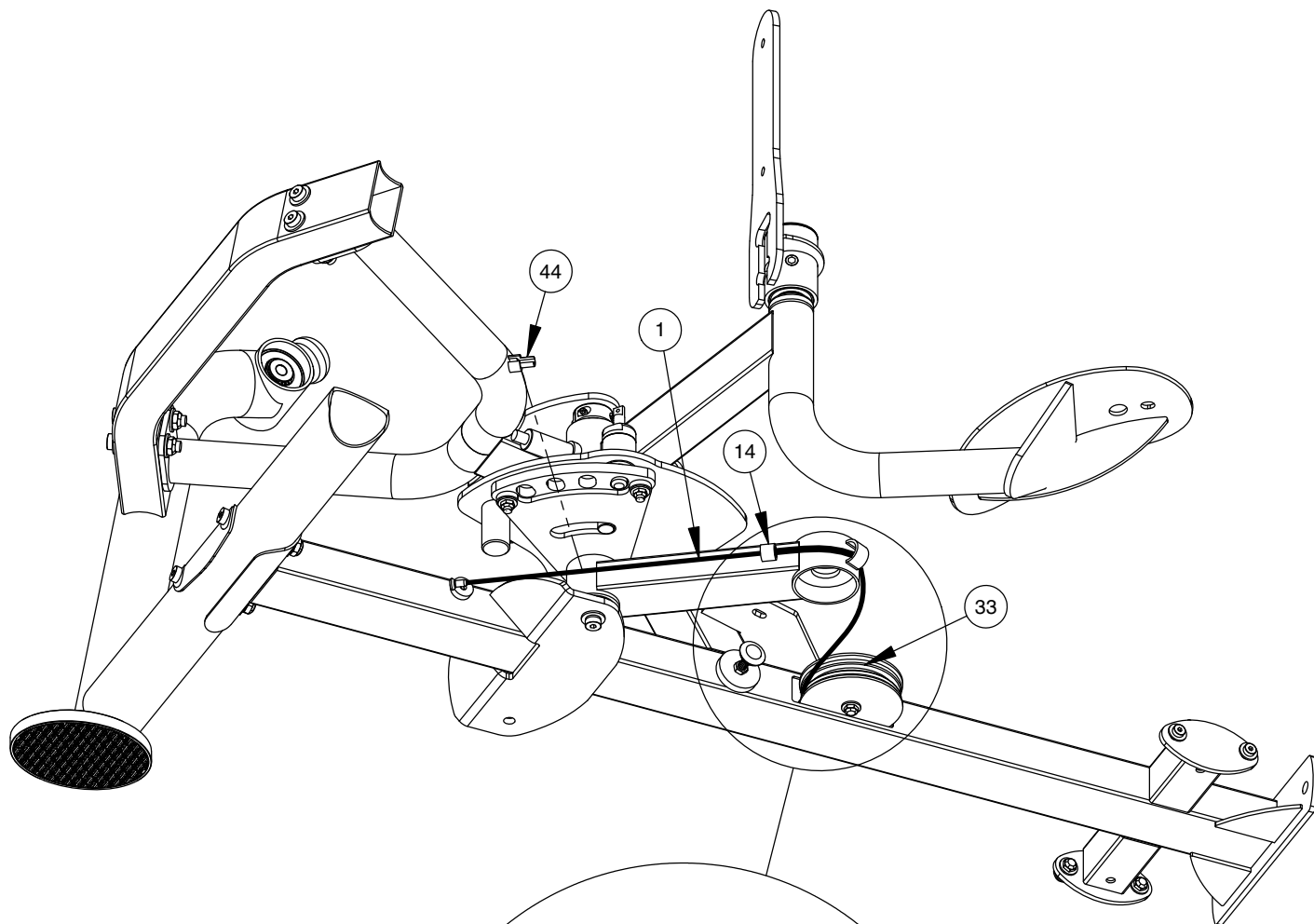


PROPERLY INSTALLED VIEW

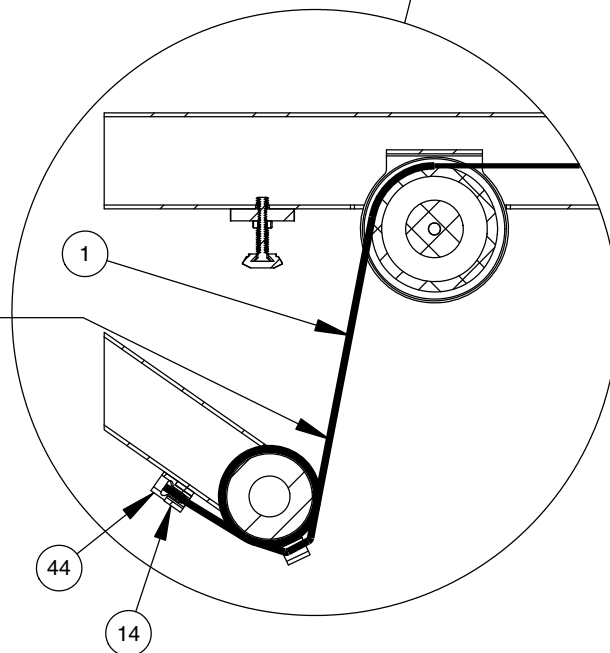
# OWNER'S MANUAL

## FRAME ASSEMBLY

NOTE:  
- SOME PARTS MAY HAVE BEEN  
REMOVED FOR CLARITY.



**NOTE:**  
POSITION CABLE (1) THROUGH  
QUICK RELEASE (44) IN ORDER  
TO SECURE CABLE TO CABLE  
PULL ARM (14).



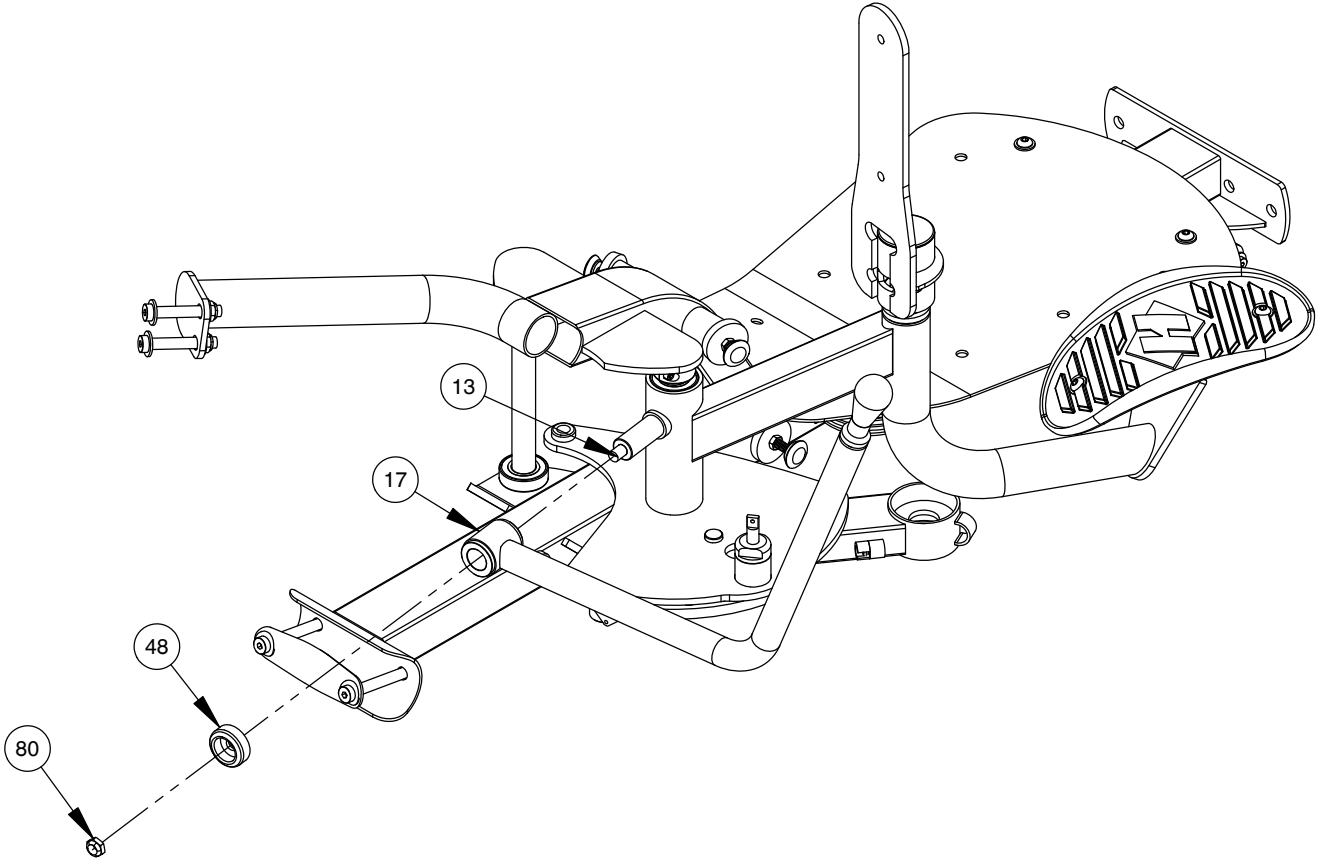
# **OWNER'S MANUAL**

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## FRAME ASSEMBLY

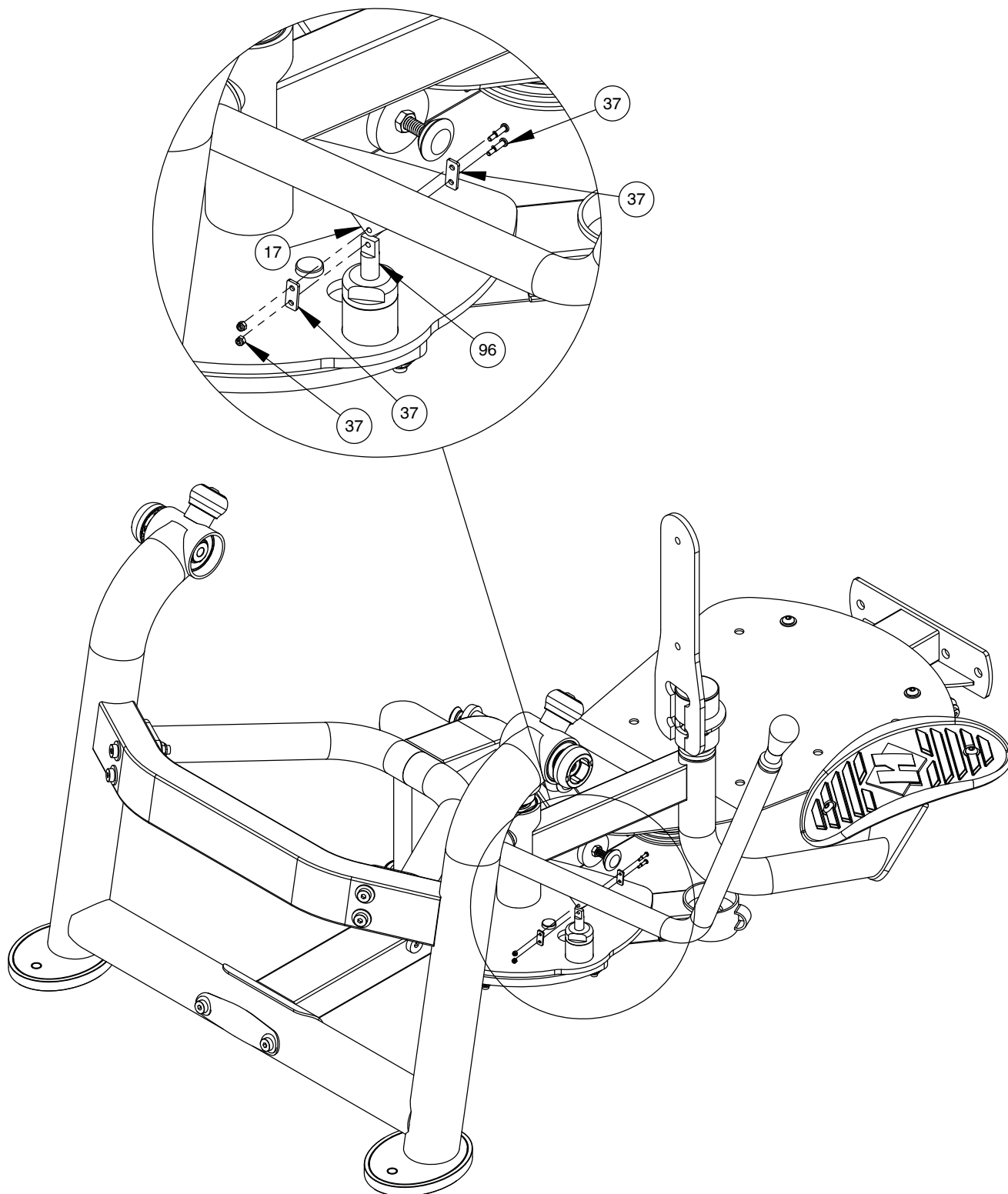
NOTE:  
- WRENCH TIGHTEN HARDWARE.  
- SOME PARTS MAY HAVE BEEN  
REMOVED FOR CLARITY.



# OWNER'S MANUAL

## FRAME ASSEMBLY

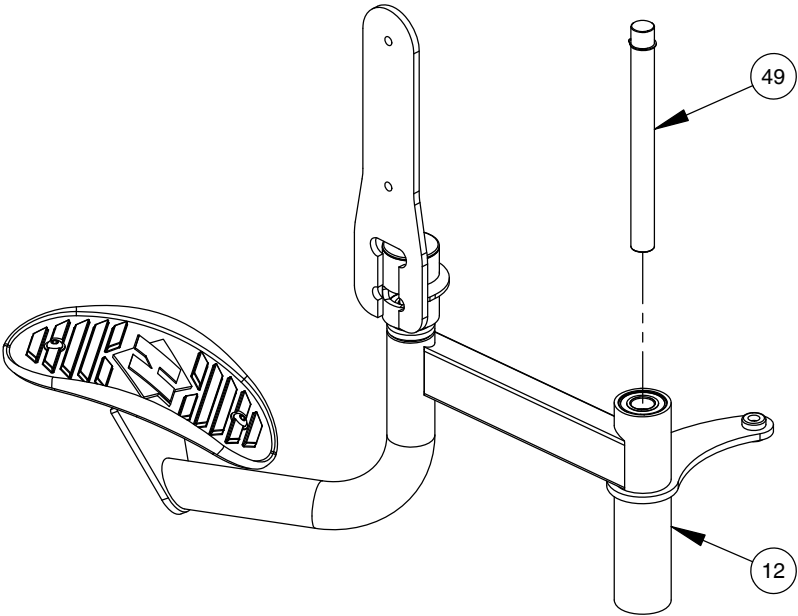
NOTE:  
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- SOME PARTS MAY HAVE BEEN  
REMOVED FOR CLARITY.



# OWNER'S MANUAL

## FRAME ASSEMBLY

NOTE:  
- SOME PARTS MAY HAVE BEEN  
REMOVED FOR CLARITY.

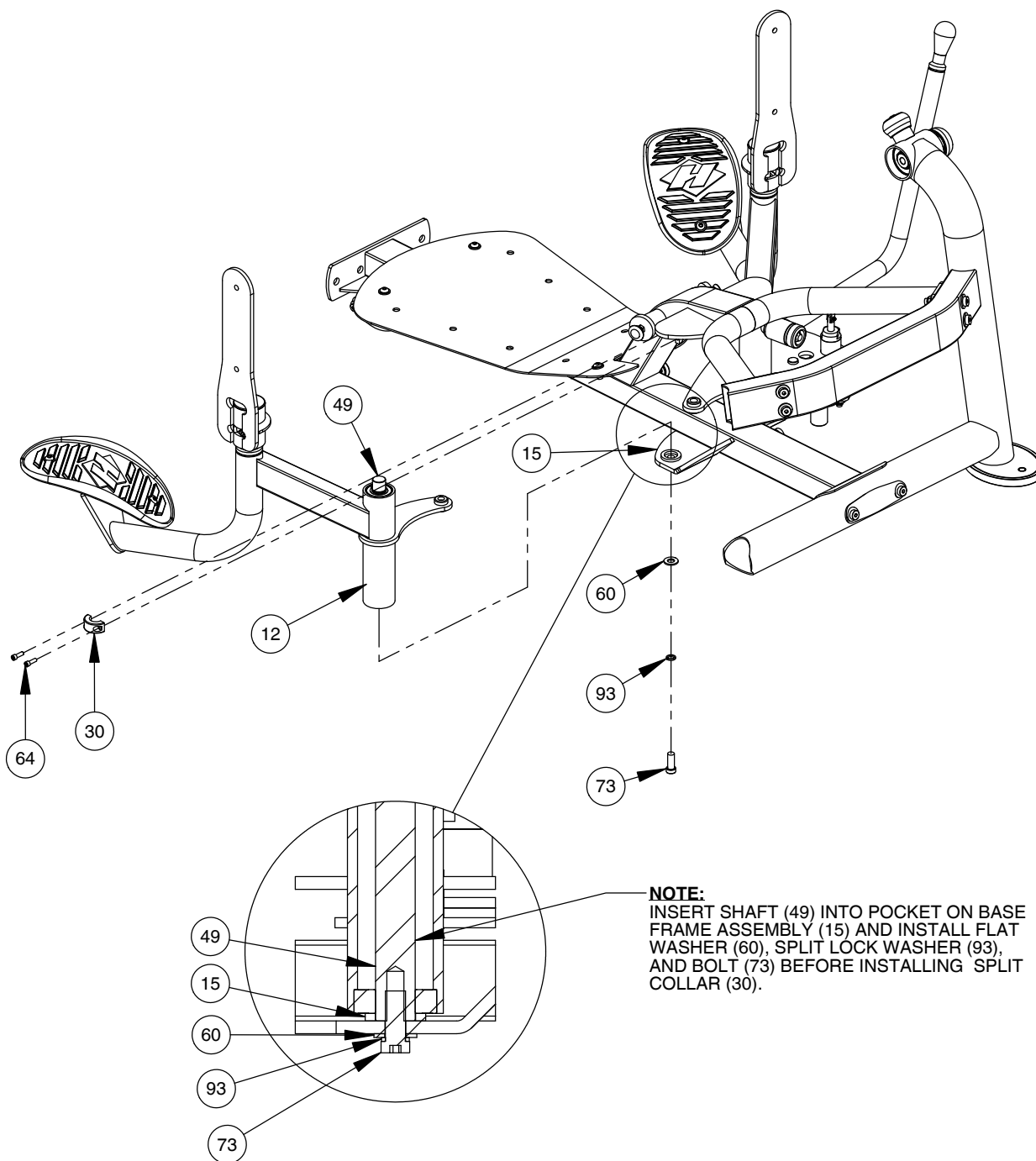


# OWNER'S MANUAL

## FRAME ASSEMBLY

**NOTE:**

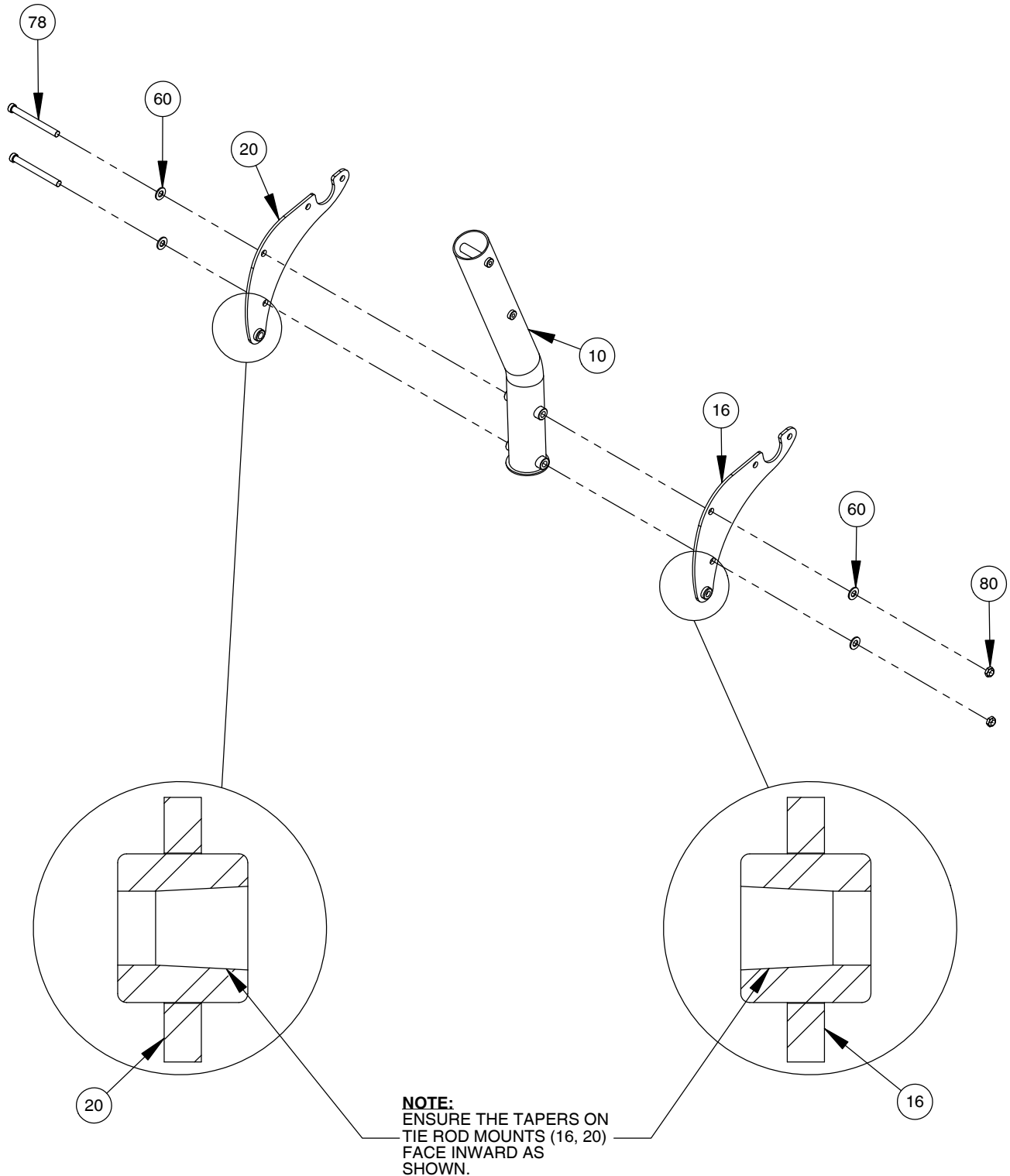
- WRENCH TIGHTEN HARDWARE.
- SOME PARTS MAY HAVE BEEN REMOVED FOR CLARITY.



# OWNER'S MANUAL

## FRAME ASSEMBLY

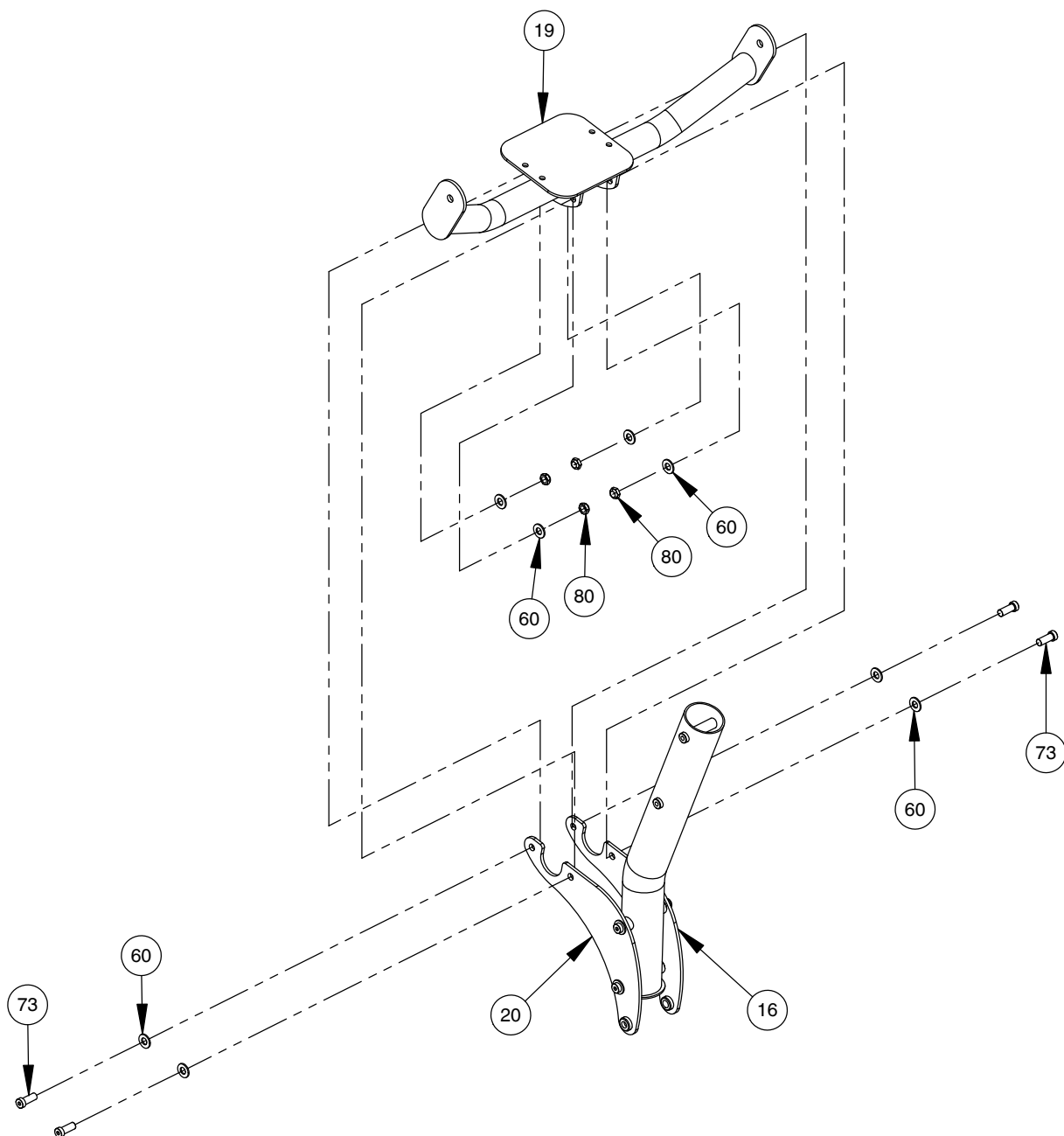
NOTE:  
- HAND TIGHTEN HARDWARE.  
- SOME PARTS MAY HAVE BEEN  
REMOVED FOR CLARITY.



# OWNER'S MANUAL

## FRAME ASSEMBLY

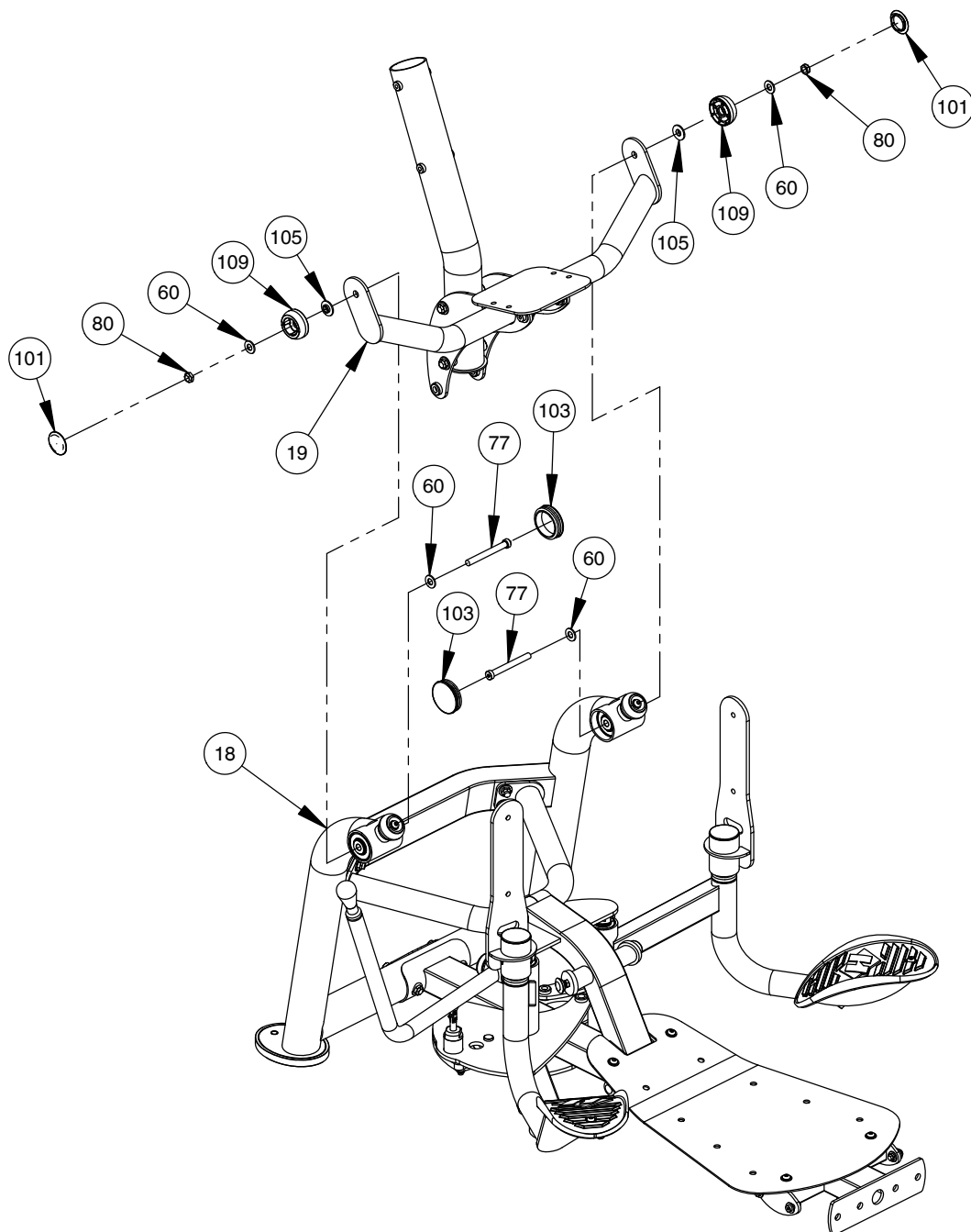
NOTE:  
- HAND TIGHTEN HARDWARE.  
- SOME PARTS MAY HAVE BEEN  
REMOVED FOR CLARITY.



# OWNER'S MANUAL

## FRAME ASSEMBLY

NOTE:  
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- SOME PARTS MAY HAVE BEEN  
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# OWNER'S MANUAL

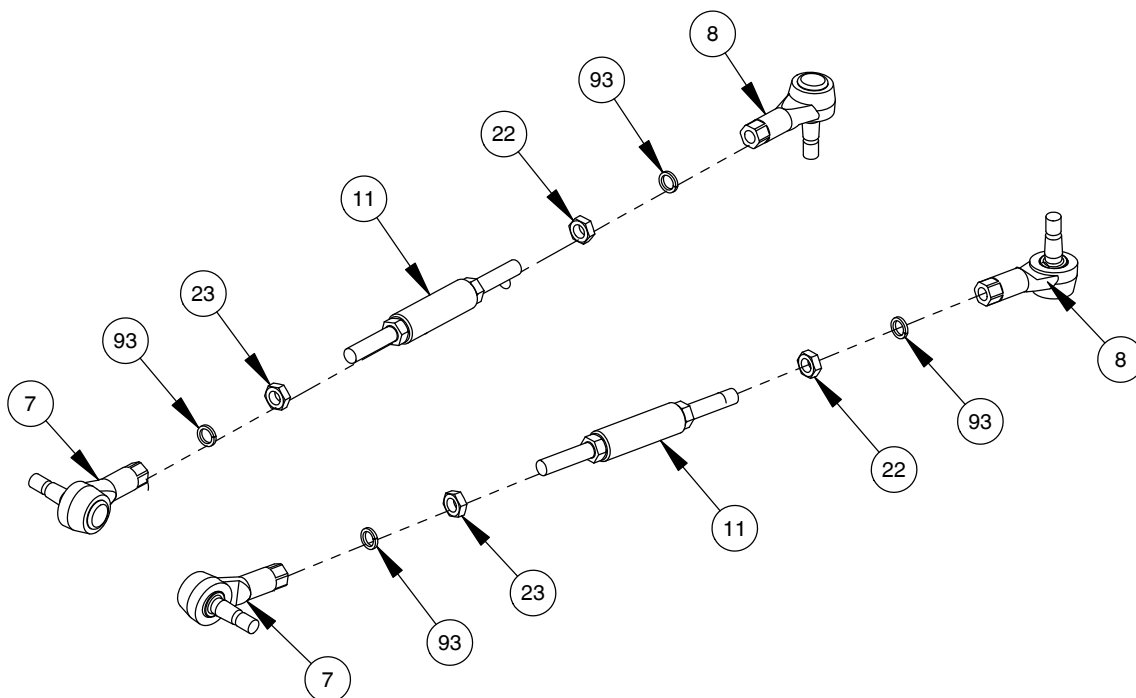
## FRAME ASSEMBLY

NOTE:  
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REMOVED FOR CLARITY.

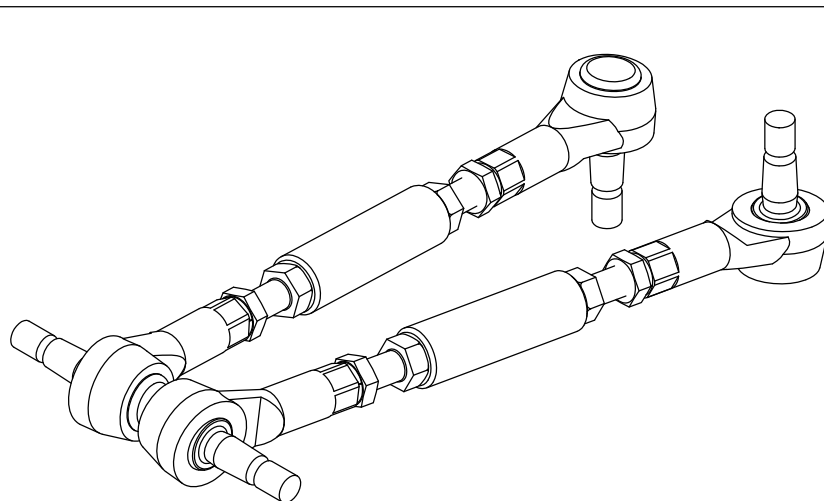
### IMPORTANT!

ONCE SYNCHRONIZING LINKS (11) & TIE-ROD ENDS (7 & 8) ARE PROPERLY ADJUSTED, WRENCH TIGHTEN JAM NUTS (22 & 23) WITH M12 SPLIT LOCK WASHER (93) UP AGAINST THE TIE-ROD ENDS, AS SHOWN BELOW, IN ORDER TO SECURE THE ENTIRE ASSEMBLIES AND PREVENT ANY COMPONENTS FROM COMING LOOSE.

IT MAY BE NECESSARY TO LOOSEN ALL JAM NUTS & READJUST TIE-ROD ENDS AFTER MACHINE IS ASSEMBLED IN ORDER TO OBTAIN DESIRED MACHINE CALIBRATION.



PROPERLY INSTALLED VIEW

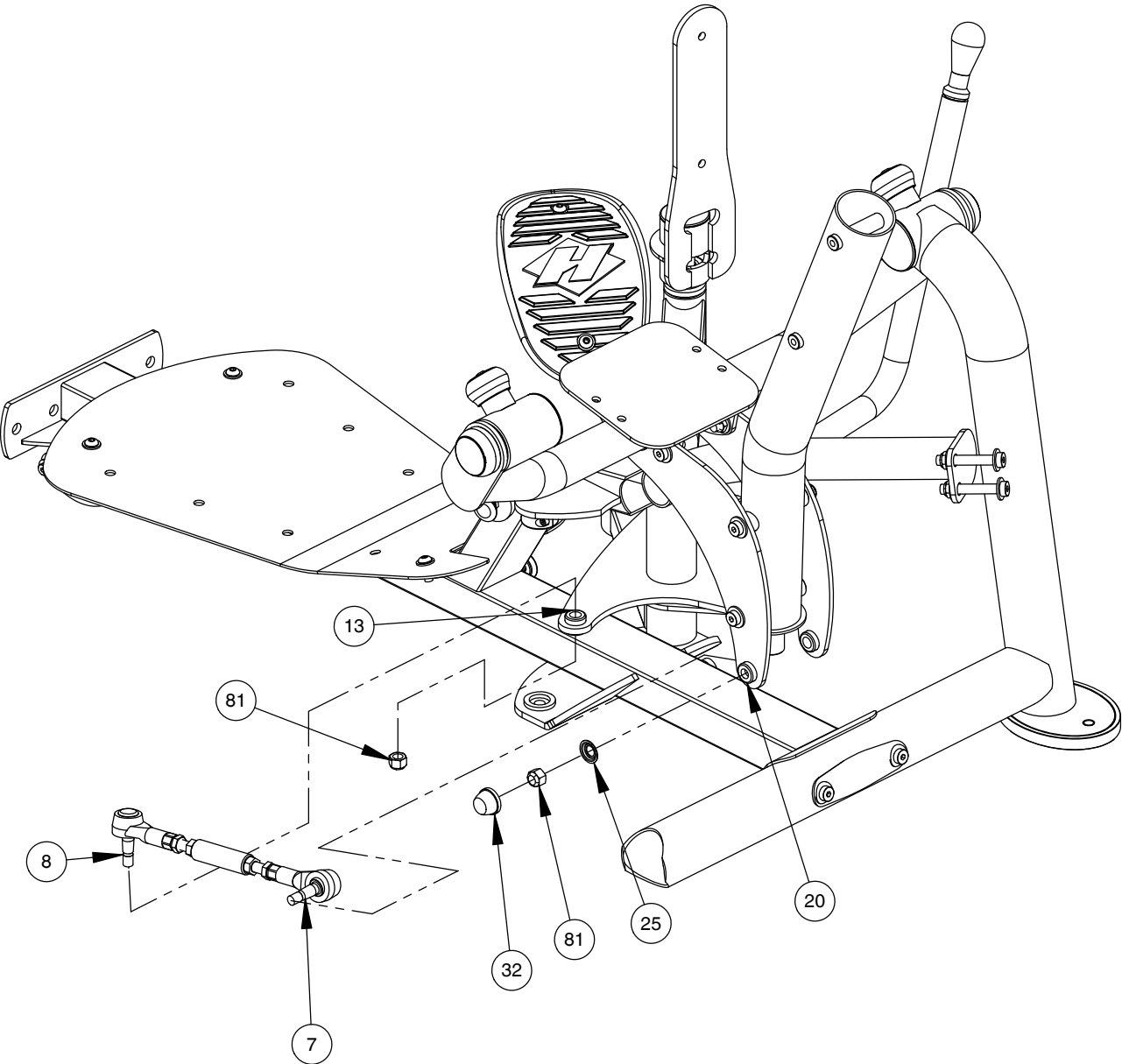




# OWNER'S MANUAL

## FRAME ASSEMBLY

NOTE:  
- WRENCH TIGHTEN HARDWARE.  
- SOME PARTS MAY HAVE BEEN  
REMOVED FOR CLARITY.



## FRAME ASSEMBLY

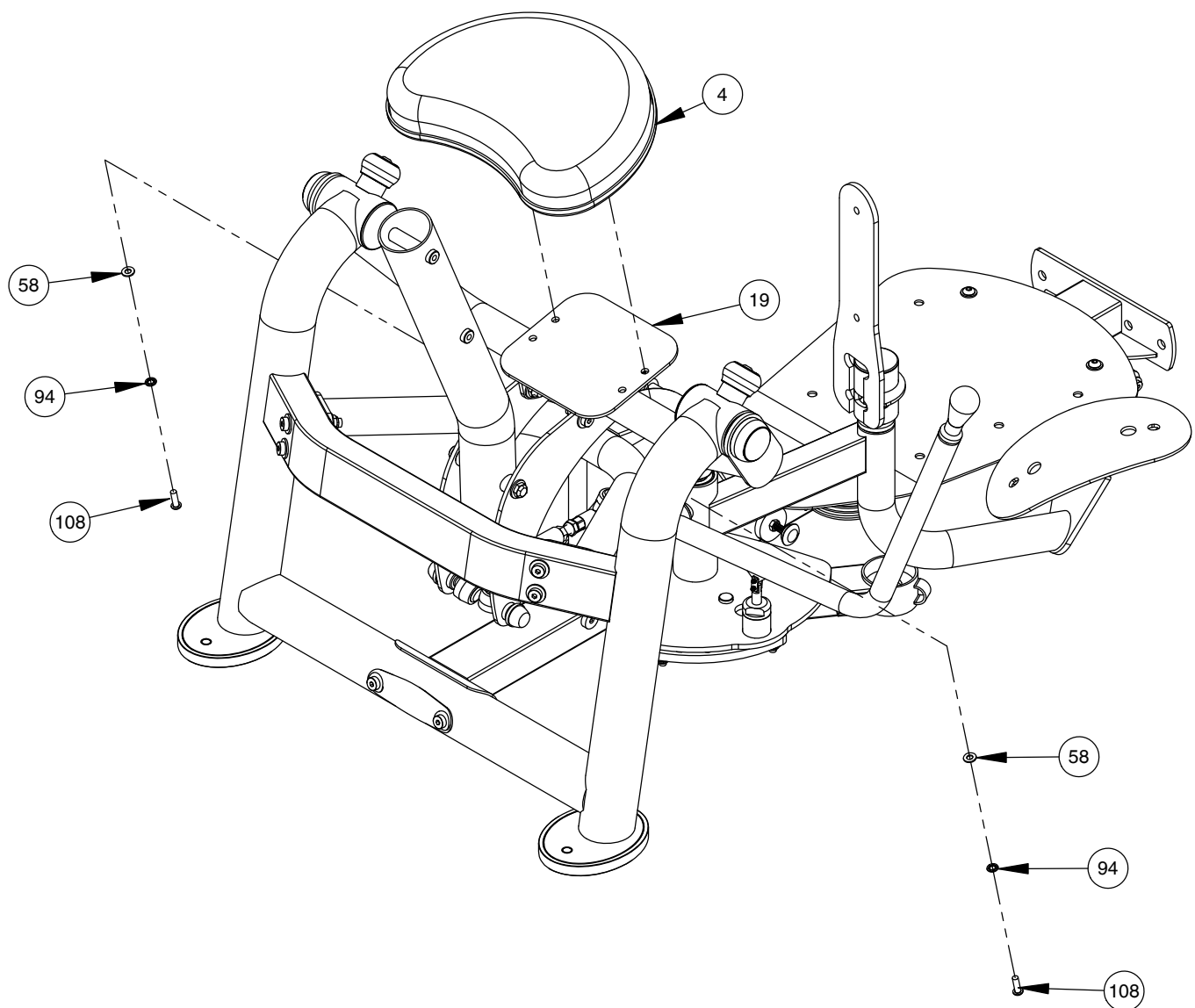
- WRENCH TIGHTEN HARDWARE.
- WRENCH TIGHTEN ALL PREVIOUSLY HAND TIGHTENED HARDWARE.
- SOME PARTS MAY HAVE BEEN REMOVED FOR CLARITY.



# OWNER'S MANUAL

## FRAME ASSEMBLY

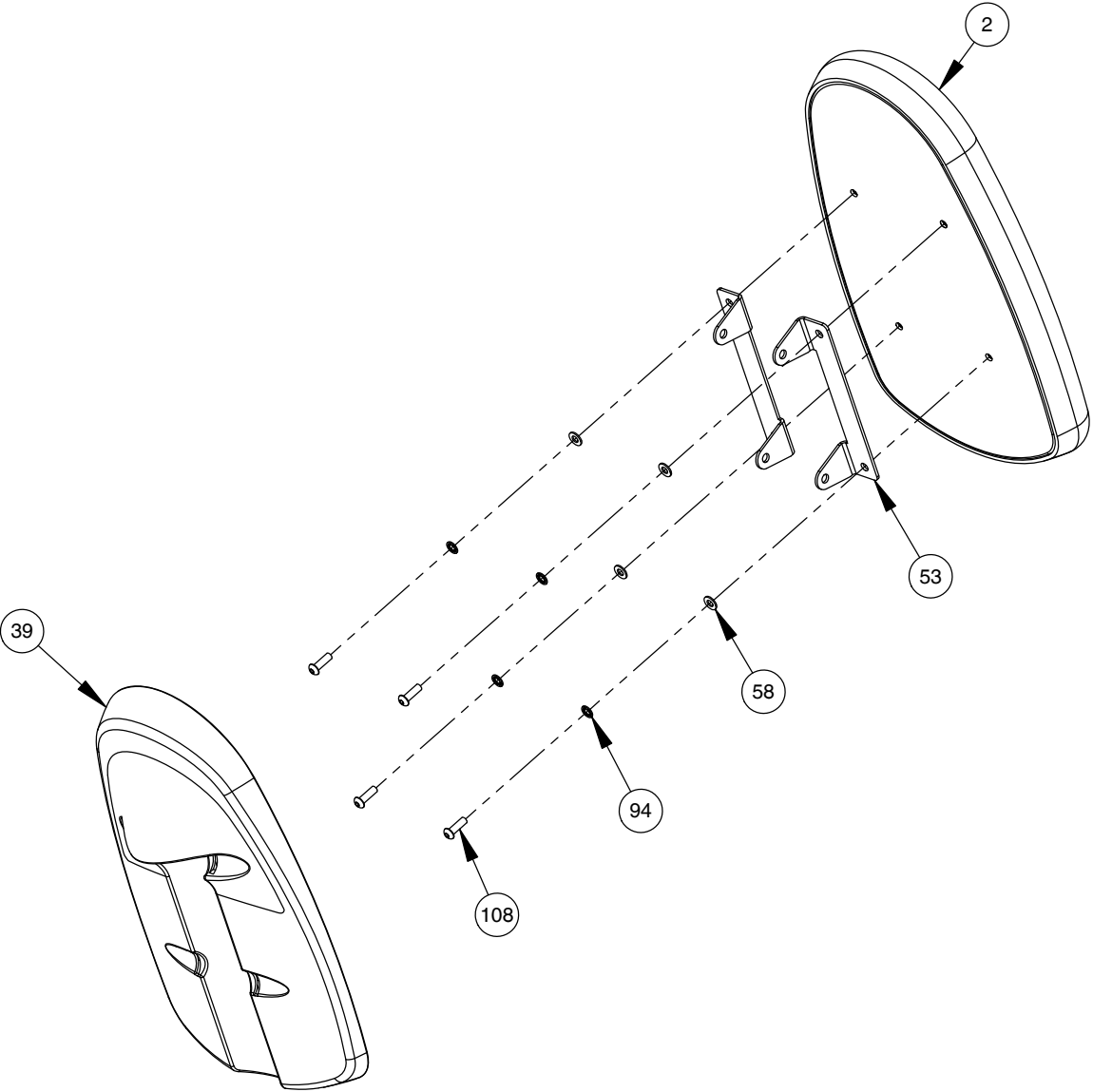
NOTE:  
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REMOVED FOR CLARITY.



# OWNER'S MANUAL

## FRAME ASSEMBLY

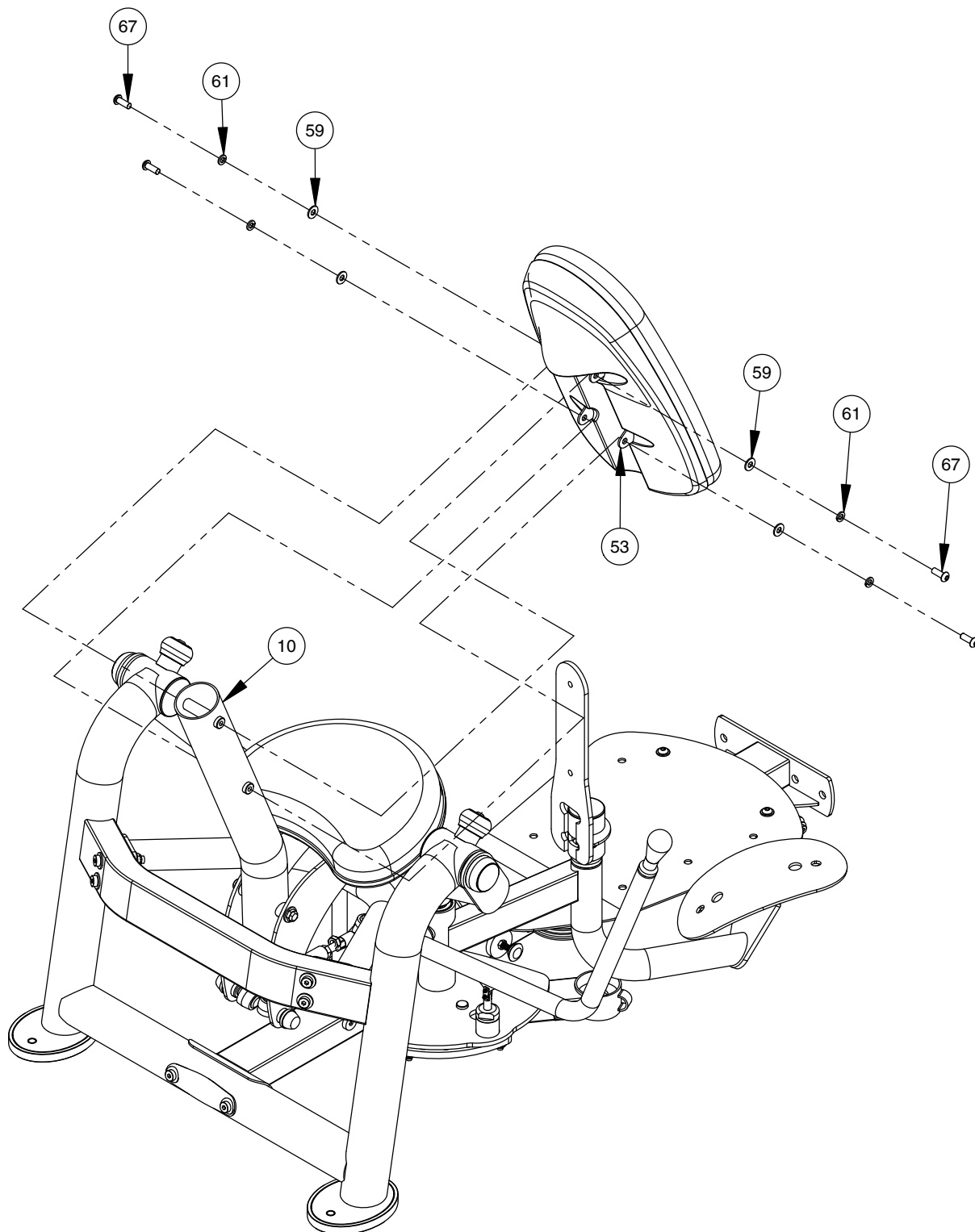
NOTE:  
- WRENCH TIGHTEN HARDWARE.  
- SOME PARTS MAY HAVE BEEN  
REMOVED FOR CLARITY.



# OWNER'S MANUAL

## FRAME ASSEMBLY

NOTE:  
- WRENCH TIGHTEN HARDWARE.  
- SOME PARTS MAY HAVE BEEN  
REMOVED FOR CLARITY.



# **OWNER'S MANUAL**

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# OWNER'S MANUAL

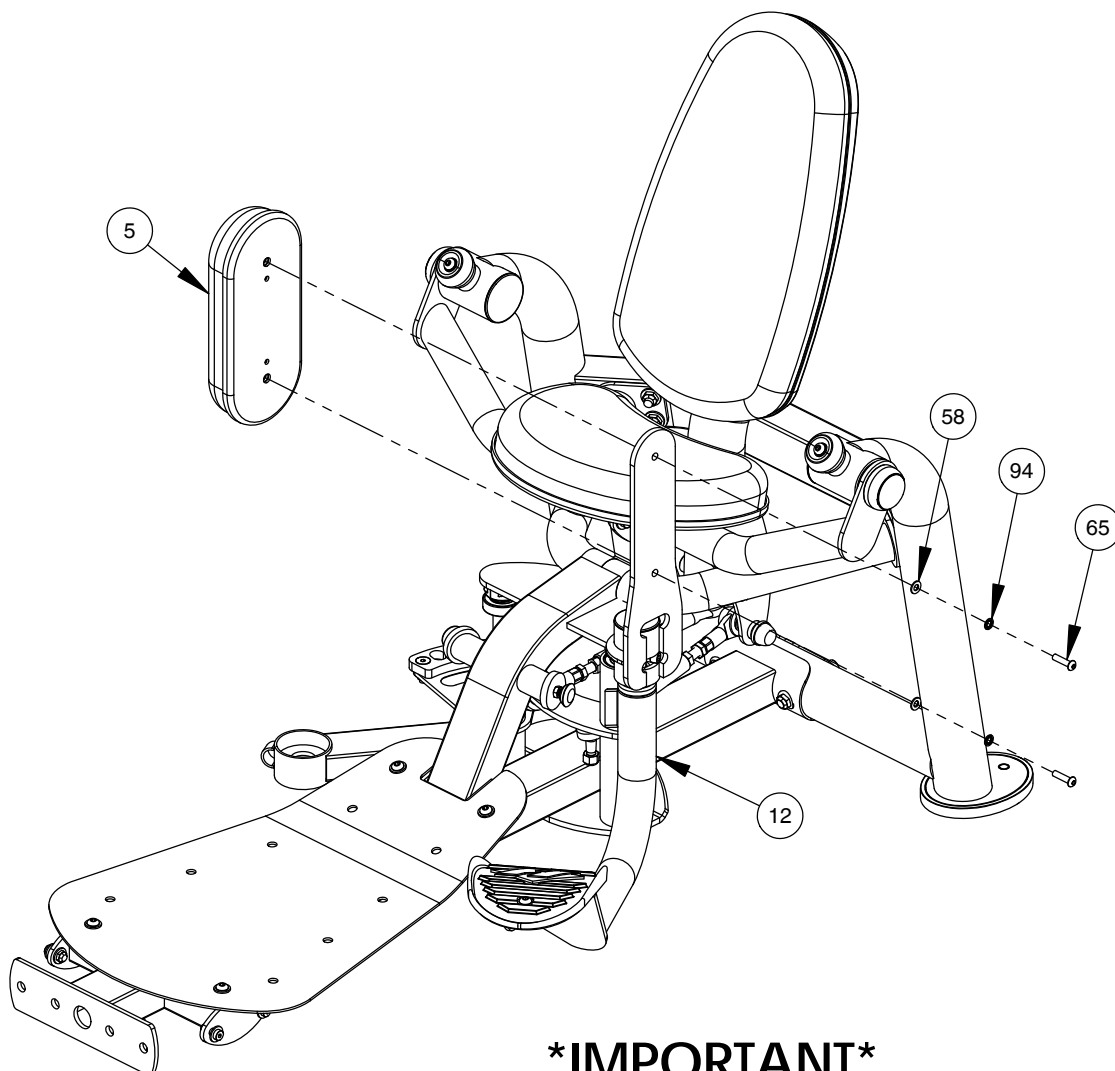
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# OWNER'S MANUAL

## FRAME ASSEMBLY

NOTE:

- WRENCH TIGHTEN HARDWARE.
- WRENCH TIGHTEN ALL PREVIOUSLY HAND TIGHTENED HARDWARE.
- REPEAT ASSEMBLY FOR OPPOSITE SIDE.
- SOME PARTS MAY HAVE BEEN REMOVED FOR CLARITY.



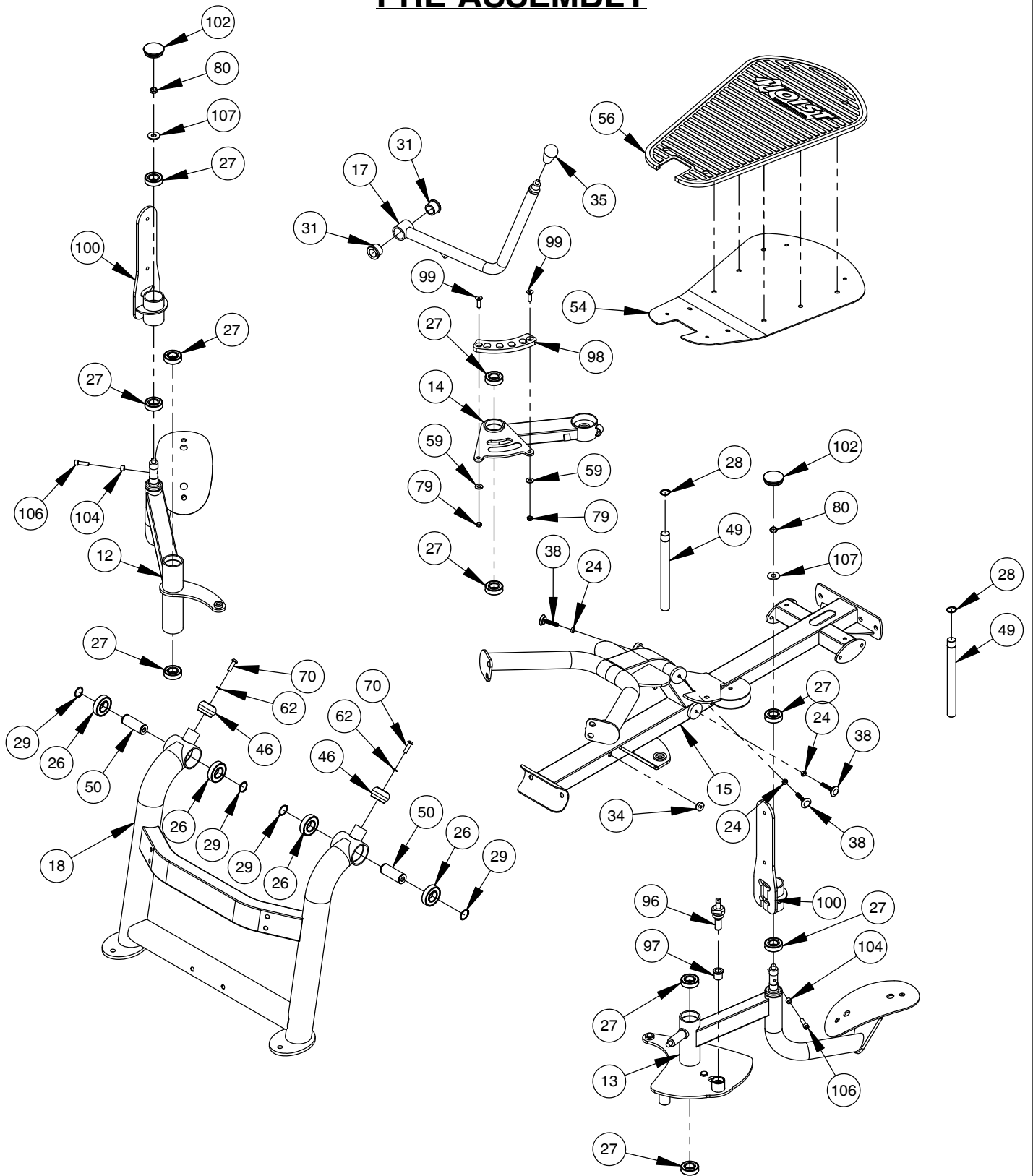
### \*IMPORTANT\*

NOW THAT THE RS-1407 IS COMPLETELY ASSEMBLED TAKE TIME TO ASSURE THAT YOUR UNIT IS ASSEMBLED SQUARE AND PERPENDICULAR. IF IT IS NOT, IT WILL BE NECESSARY TO LOOSEN SOME FRAME HARDWARE TO RE-ALIGN THE FRAME AND RETIGHTEN BOLTS.



# OWNER'S MANUAL

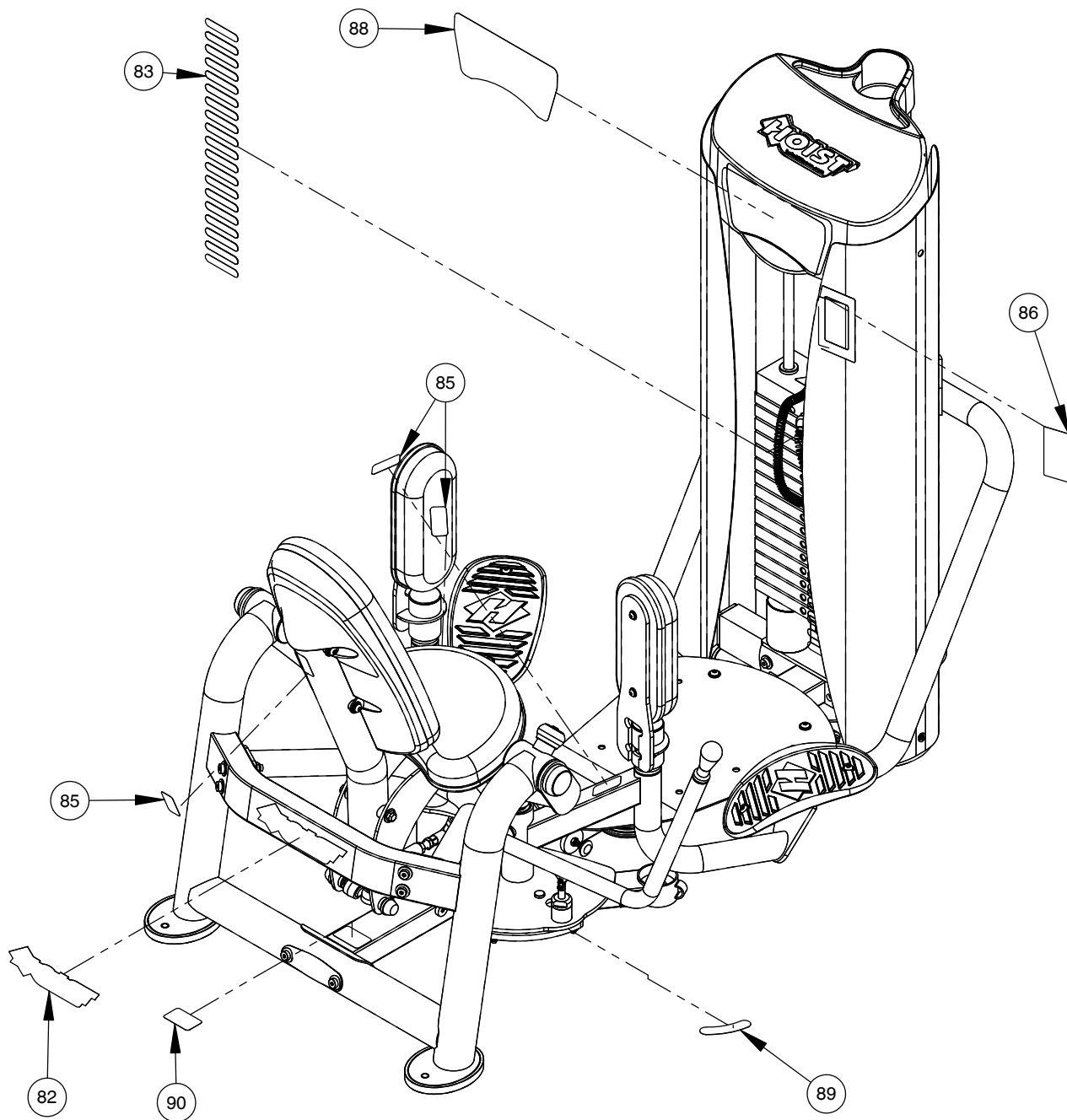
## PRE-ASSEMBLY



# OWNER'S MANUAL

## DECAL PLACEMENT

NOTE:  
- ALL DECALS ARE CENTERED  
UNLESS OTHERWISE STATED.  
- SOME PARTS MAY HAVE BEEN  
REMOVED FOR CLARITY.



# OWNER'S MANUAL

## DECAL REFERENCE

**20** LBS / 9 KGS

**100** LBS / 45 KGS

**180** LBS / 82 KGS

**30** LBS / 14 KGS

**110** LBS / 50 KGS

**190** LBS / 86 KGS

**40** LBS / 18 KGS

**120** LBS / 54 KGS

**50** LBS / 23 KGS

**130** LBS / 59 KGS

**60** LBS / 27 KGS

**140** LBS / 64 KGS

**70** LBS / 32 KGS

**150** LBS / 68 KGS

**80** LBS / 36 KGS

**160** LBS / 73 KGS

**90** LBS / 41 KGS

**170** LBS / 77 KGS

021-0003937



021-0003221



**1-800-548-5438**

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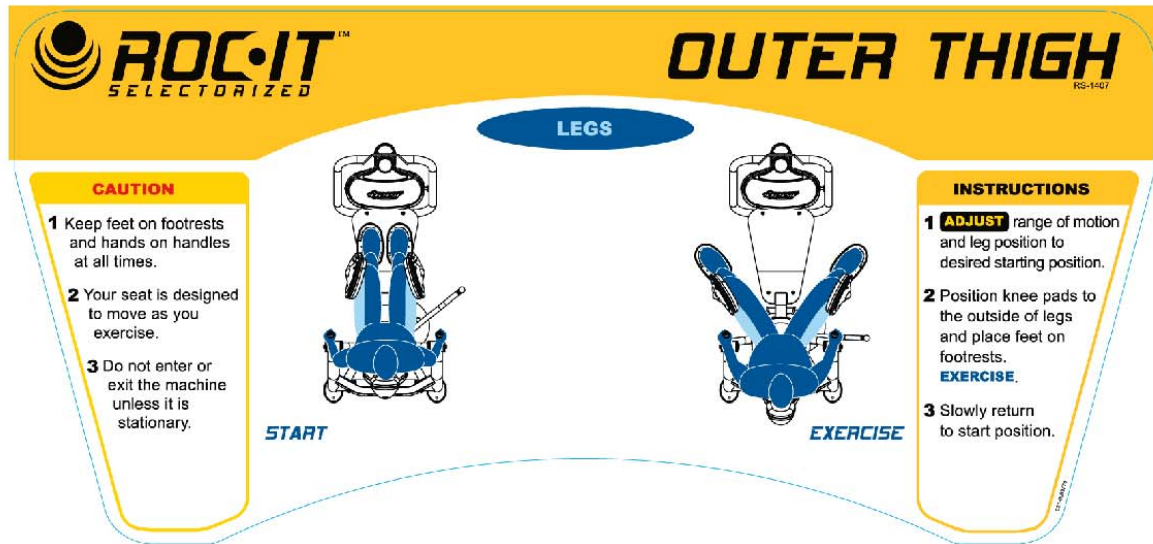
**SERIAL # 00-00-A-000000**



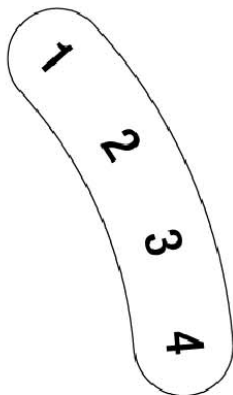
SERIAL # DECAL

# OWNER'S MANUAL

## DECAL REFERENCE



021-0003774



021-0003828



021-0003543

TO VISIT THE **HOIST® MOBILE APPLICATION**, SCAN THE QR CODE\* BELOW WITH YOUR SMARTPHONE'S CAMERA.

THE APPLICATION PROVIDES A SHORT VIDEO, ALONG WITH ANSWERS TO:

- HOW DO I USE THIS MACHINE?
- WHY DOES THE MACHINE MOVE?
- WHERE IS HOIST ON THE WEB?

SCAN HERE:



\* USING YOUR SMARTPHONE, VISIT [WWW.HOISTFITNESS.COM/SCAN](http://WWW.HOISTFITNESS.COM/SCAN) TO DOWNLOAD A FREE QR CODE SCANNER.

021-000361 (RS-1407)

021-0003861

# OWNER'S MANUAL

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# OWNER'S MANUAL

## PART LIST

NOTE: SOME OF THESE PARTS MAY COME PRE-INSTALLED

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	010-01C0644	CABLE ASSEMBLY: RS-1407 114 3/16" LG.	1
2	022-01PD2114-A-M	BACK PAD ASSEMBLY	1
4	022-01PD2103-A	SEAT PAD ASSEMBLY	1
5	022-01PD2110-A	12" X 5" MOLDED PAD	2
6	026-01PL2124	FOOTPLATE, MOLDED	2
7	026-01X3724	TIE-ROD END LEFT HANDED	2
8	026-01X3725	TIE-ROD END RIGHT HANDED ASSEMBLY	2
9	026-01X3537	WEIGHT CAGE BRACE	1
10	026-01X3835	BACK-PAD SUPPORT	1
11	026-01X3866	SYNCHRONIZING LINK	2
12	026-01X3729	EXERCISE ARM RIGHT, RS-1407	1
13	026-01X3842	EXERCISE ARM LEFT, RS-1407	1
14	026-01X3834	CABLE PULL ARM	1
15	026-01X3548	BASE FRAME ASSEMBLY	1
16	026-01X3549	TIE-ROD END MOUNT	1
17	026-01X3840	ROM ADJUST HANDLE ASSY.	1
18	026-01X3846	REAR SUBFRAME	1
19	026-01X3847	USER SUPPORT FRAME	1
20	026-01X3569	TIE-ROD END MOUNT	1
21	ROC-IT WEIGHT CAGE - A2	ROC-IT WEIGHT CAGE	1
22	012-0105007	1/2-20 JAMNUT RH	2
23	012-0105012	1/2-20 JAMNUT LH	2
24	012-0305003	3/8"-16UNC JAM NUT (WZ)	3
25	013-0001003	.50" CAP WASHER	3
26	014-0012013	BEARING: BALL BEARING Ø2.44" O.D. X Ø1.18" I.D.	4
27	014-0012014	BEARING: FLANGELESS - 25mm I.D.	10
28	014-0012018	SNAP RING - 25mm EXTERNAL	2
29	014-0012019	SNAP RING - 30mm EXTERNAL	4
30	014-0019007-2	SPLIT COLLAR NON-THREADED 25mm I.D. X 20mm THICK (WZ)	2
31	014-0101005	BUSHING: OILITE FLANGED Ø1.38" O.D. X Ø1.00" I.D. X .81" LG.	2
32	016-0003001	.50" CAP WASHER CAP	3
33	018-0001003	CABLE PULLEY: Ø4.50"	1
34	019-0001001	PLUG BUMPER	1

# OWNER'S MANUAL

## PART LIST CONTINUED

NOTE: SOME OF THESE PARTS MAY COME PRE-INSTALLED

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
35	020-0007004	KNOB - OVAL	1
37	026-01X5630	CHAIN LINK REPLACEMENT	1
38	020-0014027	ADJUSTABLE STOP	3
39	026-01PL2511	BACK PAD PLASTIC BACKING	1
41	026-01F0300	FLNG-B, .188" X Ø3.00" X 6.25" LG.	1
44	026-01M0199	QUICK RELEASE CABLE LOCK Ø 1/4"	1
46	026-01M0934	ALUMINUM CAP: Ø 1.50" ID	2
48	026-01M2322	END CAP: DOMED Ø1.7500" O.D.	1
49	026-01M2625	SHAFT - Ø .984 X 10.63 LG.	2
50	026-01M2970	SHAFT - Ø 1.181 X 3.1000 LG.	2
51	026-01P2653	'H' PLATE	1
53	026-01P2929	BACK BRACKET MOUNT	2
54	026-01P3909	FOOT PLATE	1
55	026-01PL2122	OVAL-SHAPED RUBBER FOOT	2
56	026-01PL2261	RUBBER FOOTPLATE COVER	1
57	026-01T4025	SPACER - Ø 1.50 X .250" WALL X .188 LG.	1
58	013-1002010	5/16" SAE FLAT WASHER (Ni)	10
59	013-1002007	3/8" X 22mm FLAT WASHER (Ni)	32
60	013-1002006	1/2" X 27mm SAE FLAT WASHER (Ni)	34
61	013-1006003	3/8" SPLIT LOCK WASHER (Ni)	4
62	013-0402011	3/8" SPLIT LOCK WASHER (SS)	2
64	011-0007097	1/4"-20UNC X .75" SHCS (BZ)	4
65	011-0701004	5/16"-18UNC X 1.25" BHCS (Ni)	4
67	011-0701020	3/8"-16UNC X 1.00" BHCS (Ni)	10
68	011-0116142	3/8"-16UNC X 1.00" LOW HEAD SHCS (Ni)	4

# OWNER'S MANUAL

## PART LIST CONTINUED

NOTE: SOME OF THESE PARTS MAY COME PRE-INSTALLED

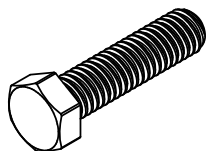
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
70	011-0401002	3/8"-16UNC X 1.25" BHCS (SS)	2
71	011-0116145	3/8"-16UNC X 1.75" LOW HEAD SHCS (Ni)	1
72	011-0701027	3/8"-16UNC X 2.75" BHCS (Ni)	2
73	011-0116108	1/2"-13UNC X 1.25" LOW HEAD SHCS (Ni)	6
74	011-0701049	1/2"-13UNC X 1.50" BHCS (Ni)	2
75	011-0116115	1/2"-13UNC X 3.00" LOW HEAD SHCS (Ni)	6
76	011-0116118	1/2"-13UNC X 3.75" LOW HEAD SHCS (Ni)	2
77	011-0116120	1/2"-13UNC X 4.25" LOW HEAD SHCS (Ni)	2
78	011-0116123	1/2"-13UNC X 5.00" LOW HEAD SHCS (Ni)	2
79	012-0504005	3/8"-16 UNC THIN NYLOCK NUT (Ni)	15
80	012-0504002	1/2"-13 UNC THIN NYLOCK NUT (Ni)	21
81	012-0504011	12mm THICK NYLOCK NUT (Ni)	4
82	021-0003221	DECAL HOIST 2.50" X 9.13"	1
83	021-0003937	RS WEIGHT STACK DECAL #6	1
85	021-0003543	DECAL MOVING PARTS 1.20" X 2.38" (VERTICAL)	3
86	021-0003861	ROC-IT QR DECAL OUTER THIGH	1
88	021-0003774	PLACARD RS-1407 OUTER THIGH	1
89	021-0003828	DECAL ROM 1-4 (RADIUS)	1
90	SERIAL # DECAL	DECAL HOIST SERIAL # 1.63" X 2.63"	1
92	013-1009002	1/2" CURVED WASHER (Ni)	4
93	013-1006008	M12 SPLIT LOCK WASHER (Ni)	6
94	013-1010003	5/16" INTERNAL LOCK WASHER (Ni)	10
95	026-01PL2346	WEIGHT STAND OFF	2
96	026-01X5737	PULL-PIN ASSEMBLY	1
97	014-0101030	FLANGED OILITE 18MM I.D. X 25MM L.G.	1
98	026-01P4221	ROM PLATE	1
99	011-0702004	3/8"-16UNC X 1.25" FHCS (Ni)	2
100	026-01X3727	THIGH PAD MOUNT	2
101	026-01PL2371	3.75" ROLLER PAD END CAP	2
102	016-0201052	Ø2.375" END CAP (DOMED)	2
103	016-0201053	Ø2.750" END CAP (DOMED)	2
104	026-01M2043	BOLT STAND-OFF	2
105	026-01M3119	FINISHED CAP WASHER	2
106	011-0701087	3/8"-16UNC X 1.25" SHCS (Ni)	2
107	013-1002004	1/2" X 34mm USS FLAT WASHER (Ni)	2
108	011-0701003	5/16"-18UNC X 1.00" BHCS (Ni)	6
109	026-01PL2553	FINISH CAP BODY, Ø2.3750"	2



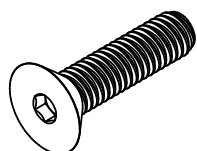
# OWNER'S MANUAL

## ABBREVIATIONS

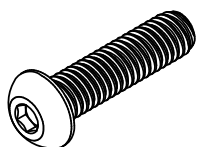
BZ = Black Zinc  
Ni = Nickel Plated  
SS = Stainless Steel  
WZ = White Zinc



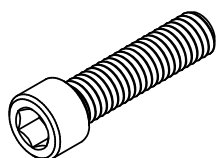
HHB = Hex Head Bolt



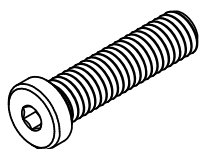
FHCS = Flat Head Cap Screw



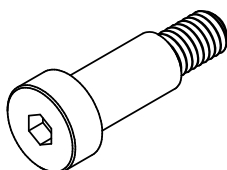
BHCS = Button Head Cap Screw



SHCS = Socket Head Cap Screw



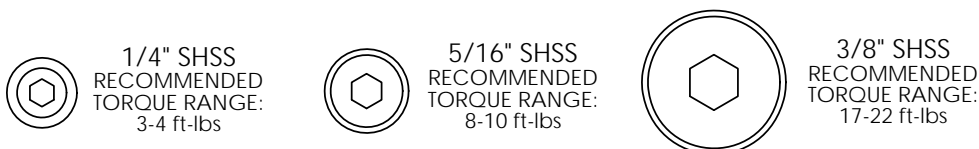
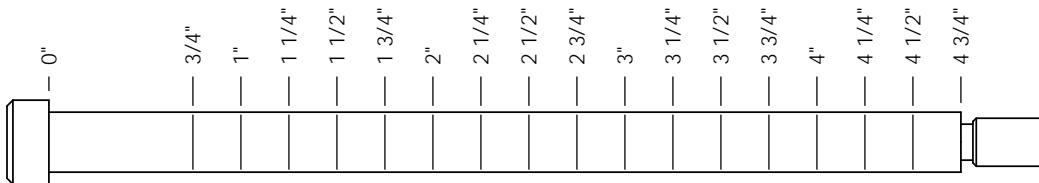
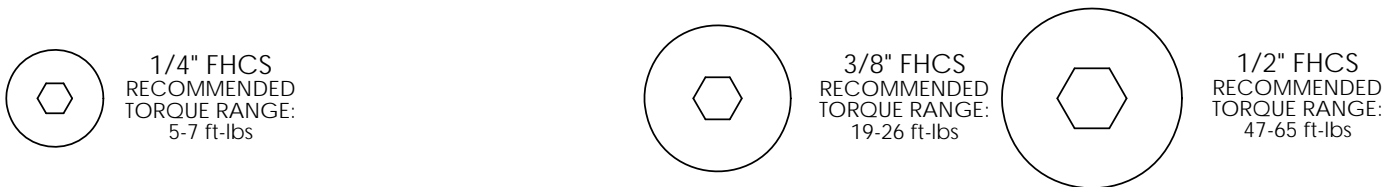
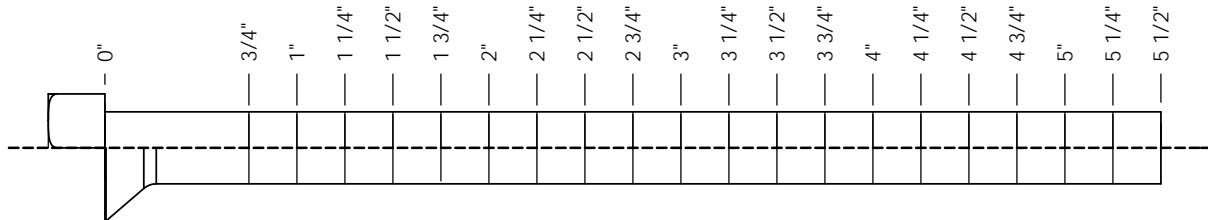
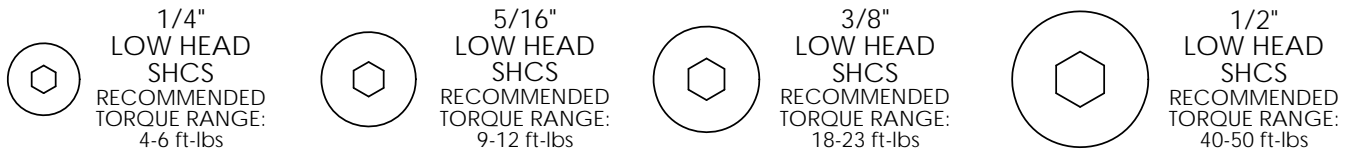
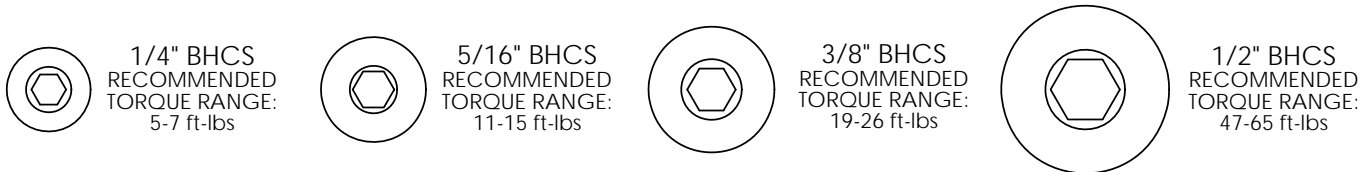
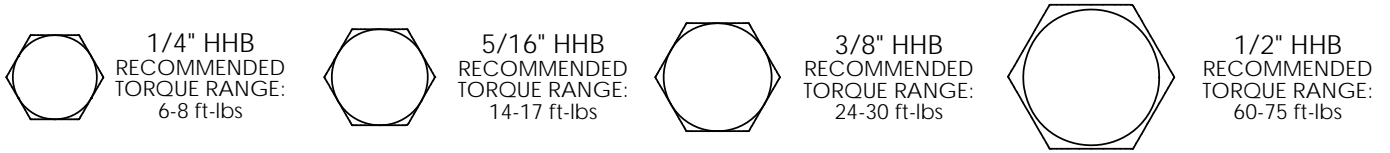
Low Head SHCS = Low Head Socket  
Head Cap Screw



SHSS = Socket Head Shoulder Screw

# OWNER'S MANUAL

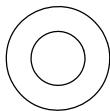
## BOLT SIZING CHART



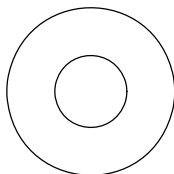
# OWNER'S MANUAL

## WASHER SIZING CHART

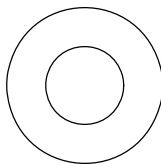
013-0002003  
1/4"  
FLAT WASHER  
SMALL, SAE, 13mm



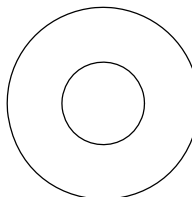
013-0102004  
5/16"  
FLAT WASHER  
LARGE, USS, 22mm



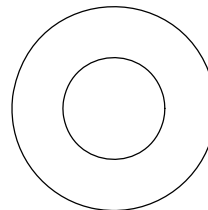
013-0002004  
3/8"  
FLAT WASHER  
SMALL, SAE, 21mm



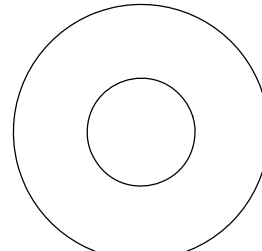
013-0402005  
3/8"  
FLAT WASHER  
LARGE, USS, 25mm



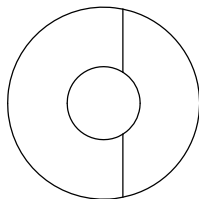
013-0102003  
1/2"  
FLAT WASHER  
SMALL, SAE, 27mm



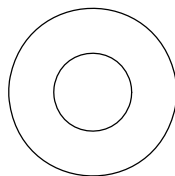
013-0102026  
1/2"  
FLAT WASHER  
LARGE, USS, 34mm



013-0102028  
3/8"  
CURVED WASHER



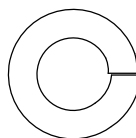
013-0402007  
3/8"  
FLAT WASHER  
22mm O.D.



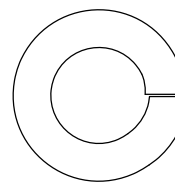
013-0102019  
1/4"  
LOCK WASHER



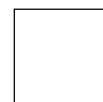
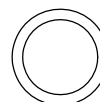
013-0102020  
3/8"  
LOCK WASHER



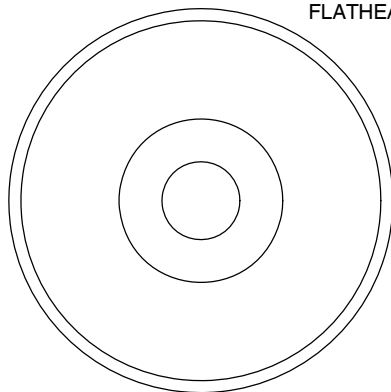
013-0102018  
1/2"  
LOCK WASHER



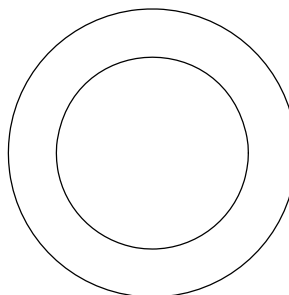
014-0018001  
1/2" LONG  
SPACER



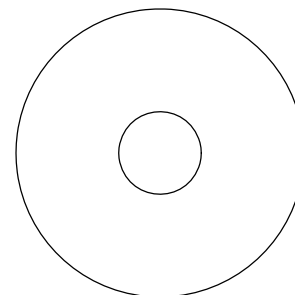
026-01M0238  
2" ALUMINUM  
FLATHEAD CAP



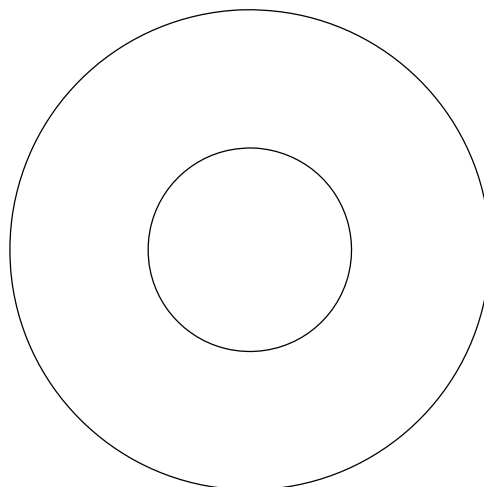
016-0009003  
1" SHIM WASHER



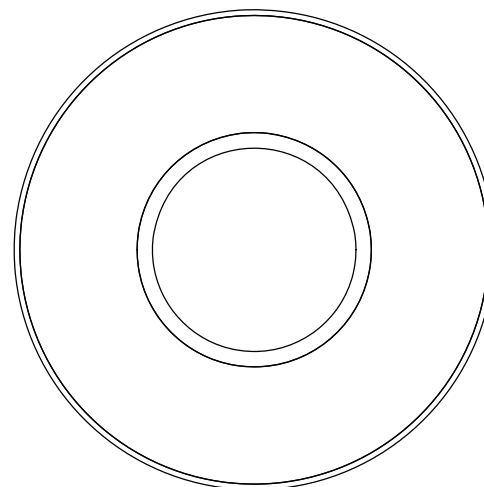
013-0003002  
3/8" FENDER WASHER



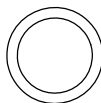
013-0003004  
1 1/16"  
FENDER WASHER



026-01PL151  
PLASTIC 1 1/16"  
FENDER WASHER



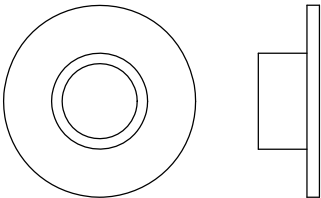
014-0018002  
1" LONG  
SPACER



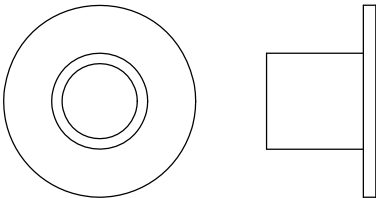
OWNER'S MANUAL

WASHER SIZING CHART  
(CONTINUED)

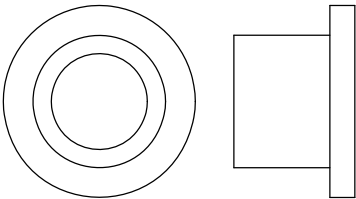
026-01M0211  
1/4" LONG  
FLANGED SPACER



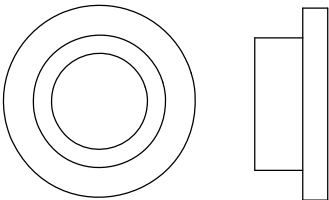
026-01M0198  
1/2" LONG  
FLANGED SPACER



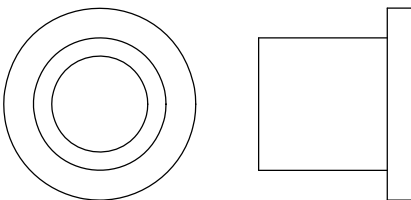
026-01M0760  
1/2" LONG HEAVY  
FLANGED SPACER



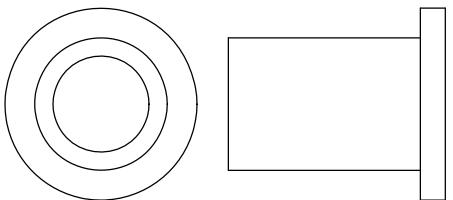
026-01M211T  
1/4" LONG HEAVY  
FLANGED SPACER



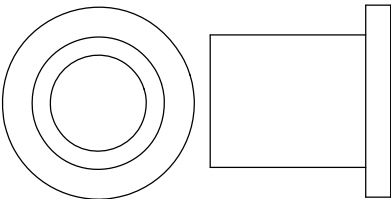
026-01M0532  
11/16" LONG HEAVY  
FLANGED SPACER



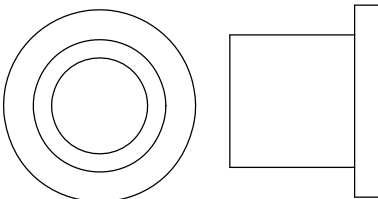
026-01M0551  
1" LONG HEAVY  
FLANGED SPACER



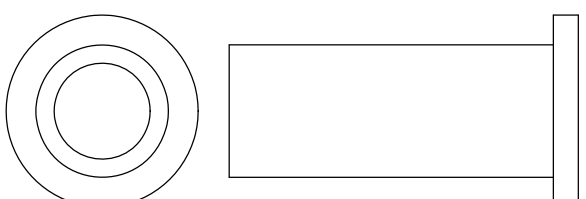
026-01M0788  
.81" LONG HEAVY  
FLANGED SPACER



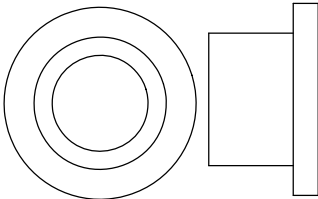
026-01M0780  
.65" LONG HEAVY  
FLANGED SPACER



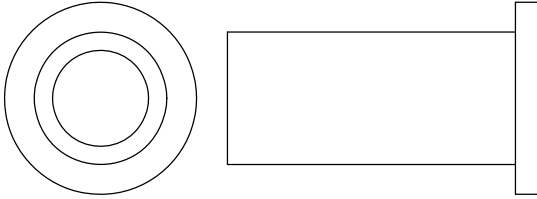
026-01M0761  
1 11/16" LONG HEAVY  
FLANGED SPACER



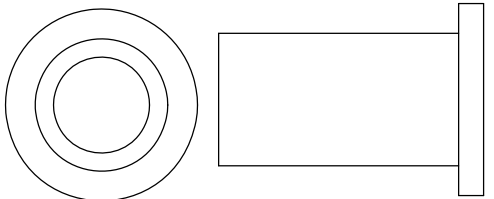
026-01M0789  
.44" LONG HEAVY  
FLANGED SPACER



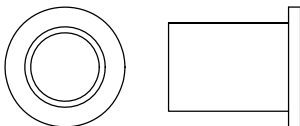
026-01M0762  
1 1/2" LONG HEAVY  
FLANGED SPACER



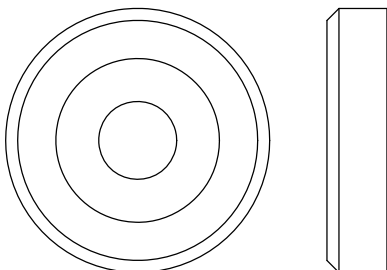
026-01M0768  
1 1/4" LONG HEAVY  
FLANGED SPACER



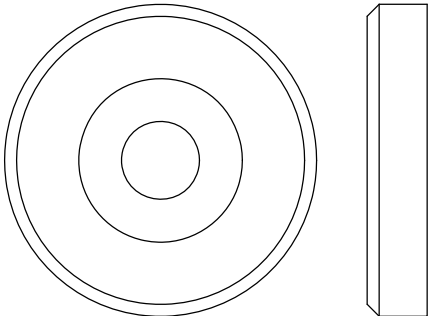
026-01M0600  
.625" LONG  
FLANGED SPACER



026-01M0240  
1 3/8" ALUMINUM  
FLATHEAD CAP



026-01M0239  
1 5/8" ALUMINUM  
FLATHEAD CAP



# OWNER'S MANUAL

## 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.*

# OWNER'S MANUAL

## **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 worn 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**

# OWNER'S MANUAL

## WEIGHT TRAINING TIPS

Use this manual to guide you through the basic exercises you can perform on your RS-1407 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 RS-1407 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 RS-1407 HOIST® Fitness System!**

# OWNER'S MANUAL

# WEIGHT TRAINING EXERCISE LOG

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

[illegible]



# OWNER'S MANUAL

## **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](http://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**