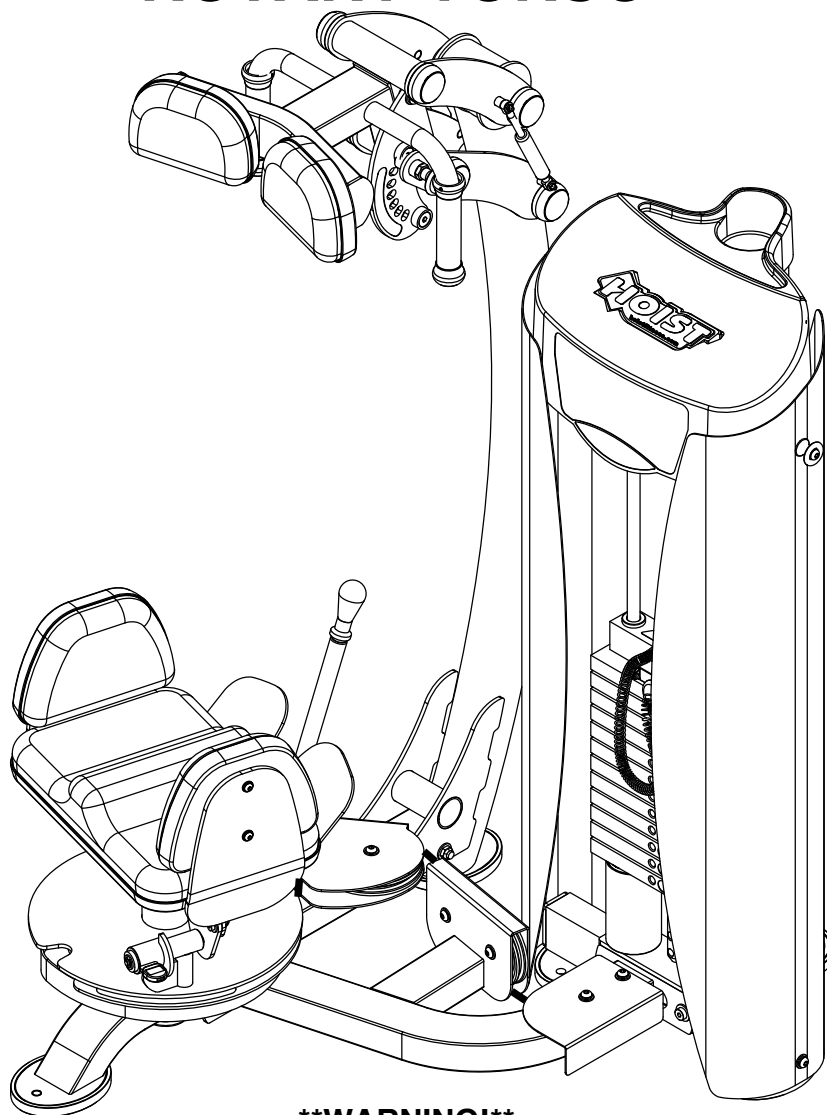


# OWNER'S MANUAL



## RS-1602 ROTARY TORSO



**\*\*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**

**A02**

**Customer Service**

**(800) 548-5438**

**(858) 578-7676**

**Fax**

**(858) 578-9558**



[www.facebook.com/hoistfitness](http://www.facebook.com/hoistfitness)

# OWNER'S MANUAL

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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**

**Hex Key Wrench Set**

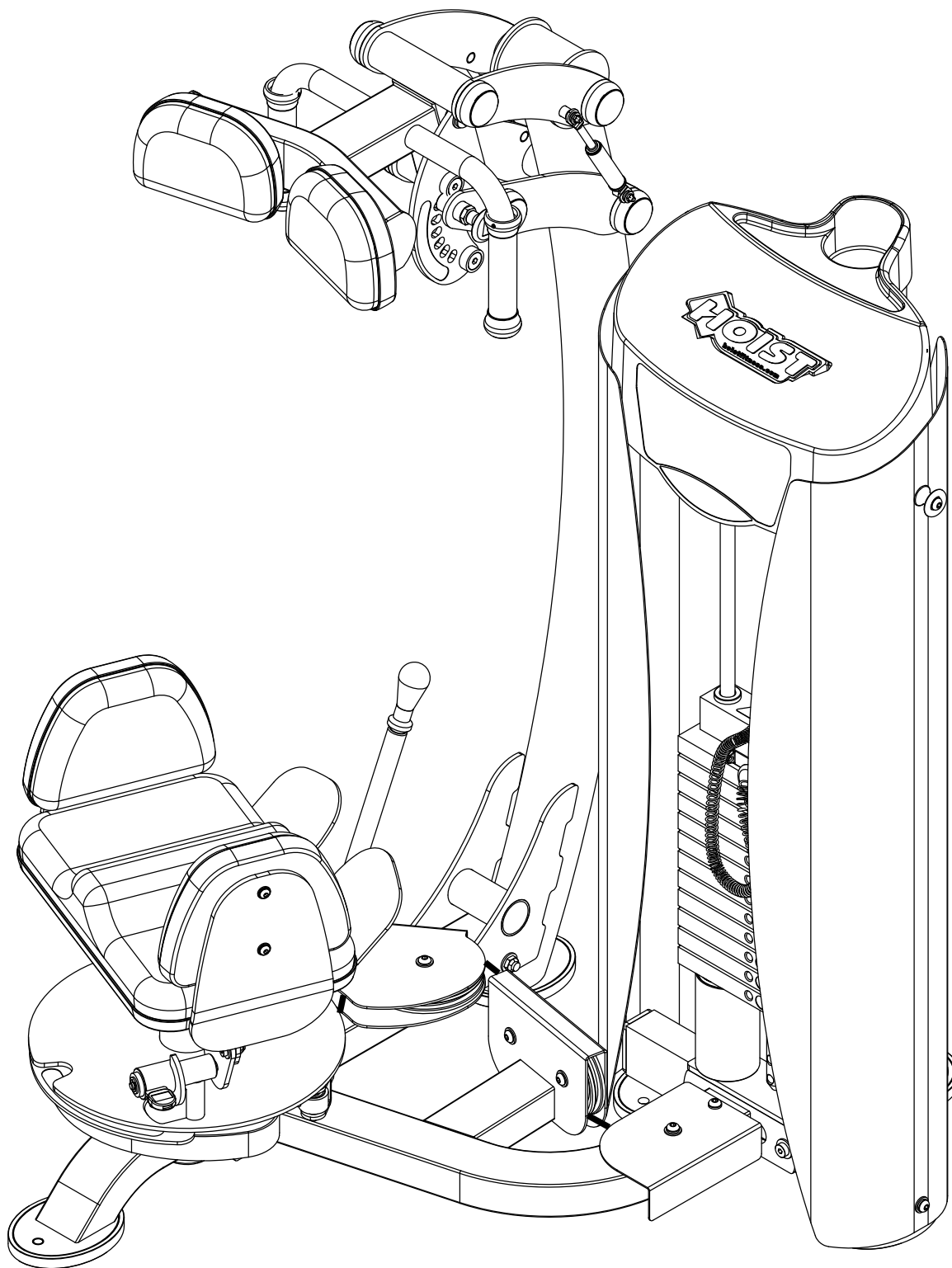
**Two People**

# OWNER'S MANUAL

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# OWNER'S MANUAL

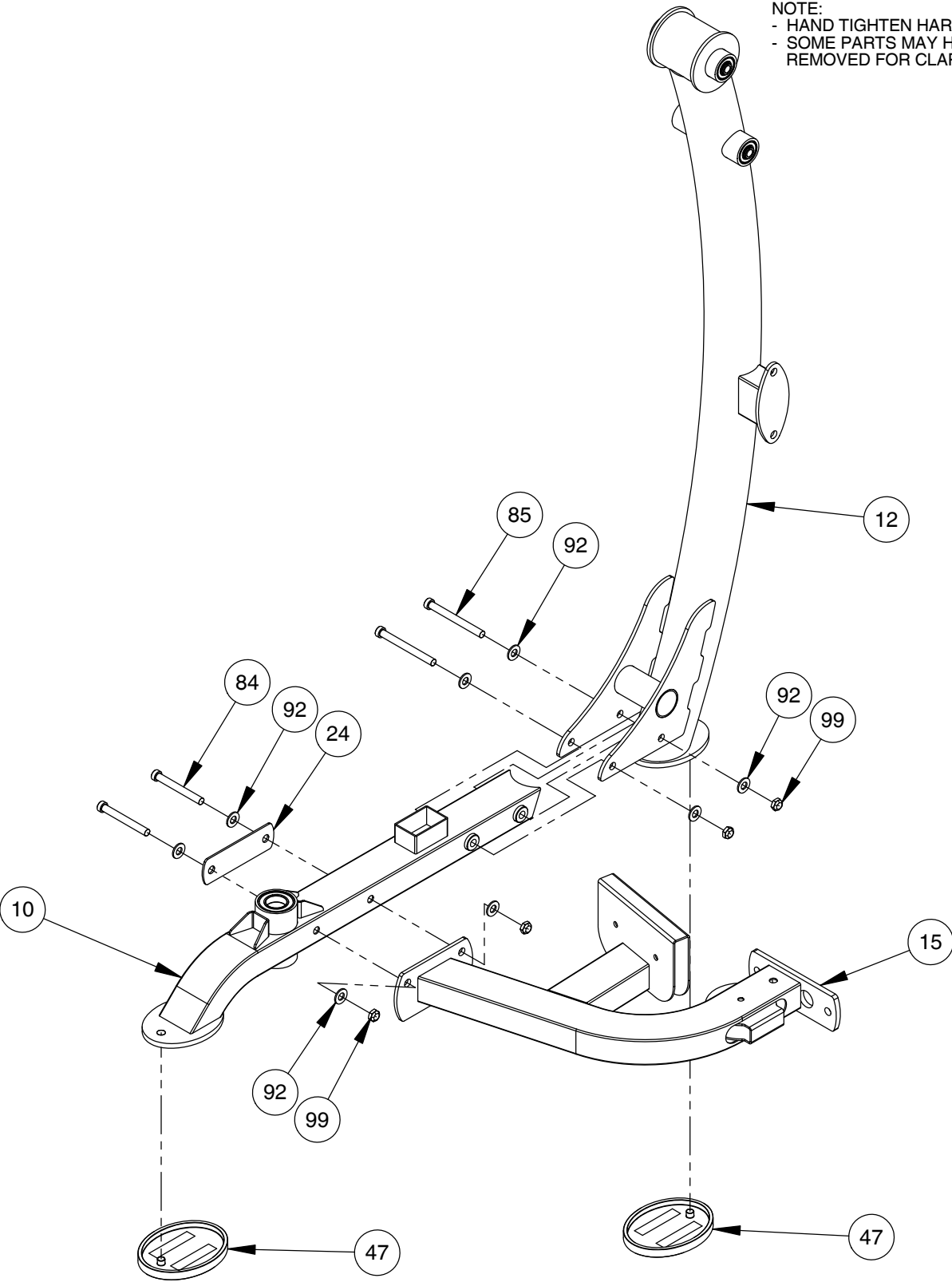
## FRAME ASSEMBLY



# OWNER'S MANUAL

## FRAME ASSEMBLY

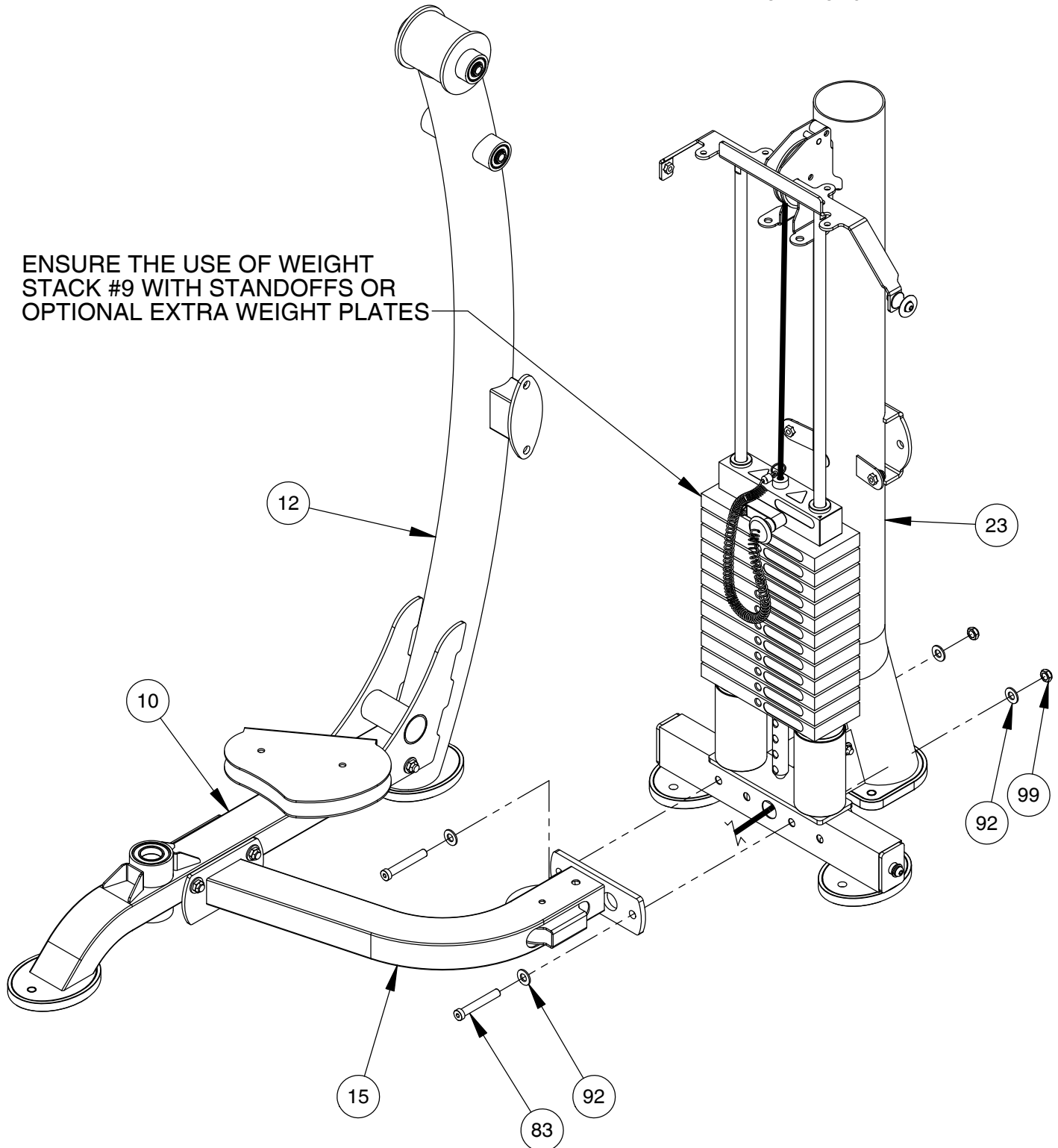
NOTE:  
- HAND TIGHTEN HARDWARE.  
- SOME PARTS MAY HAVE BEEN  
REMOVED FOR CLARITY.



# OWNER'S MANUAL

## FRAME ASSEMBLY \*ASSEMBLE WEIGHT CAGE FIRST\*

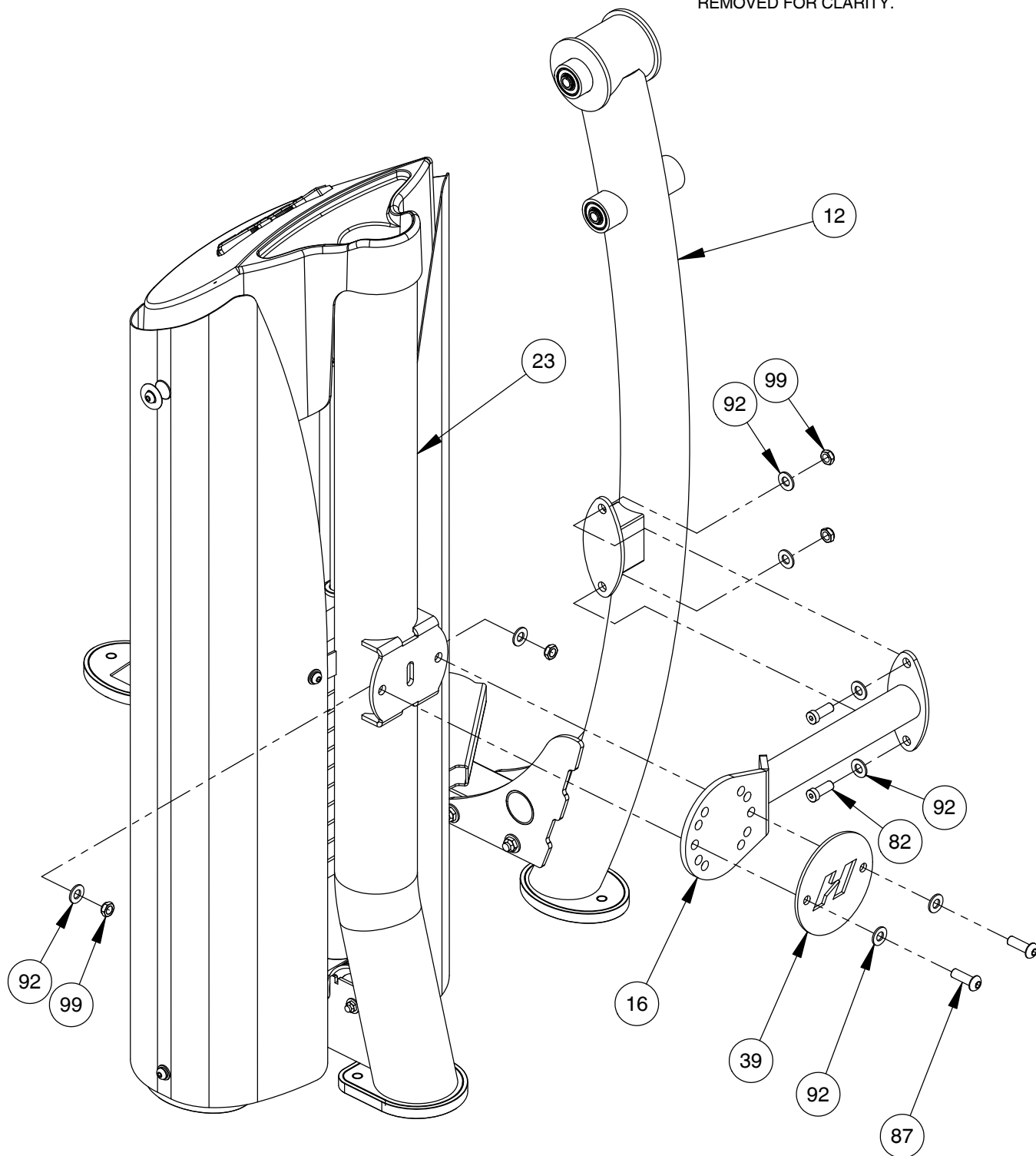
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# OWNER'S MANUAL

## FRAME ASSEMBLY

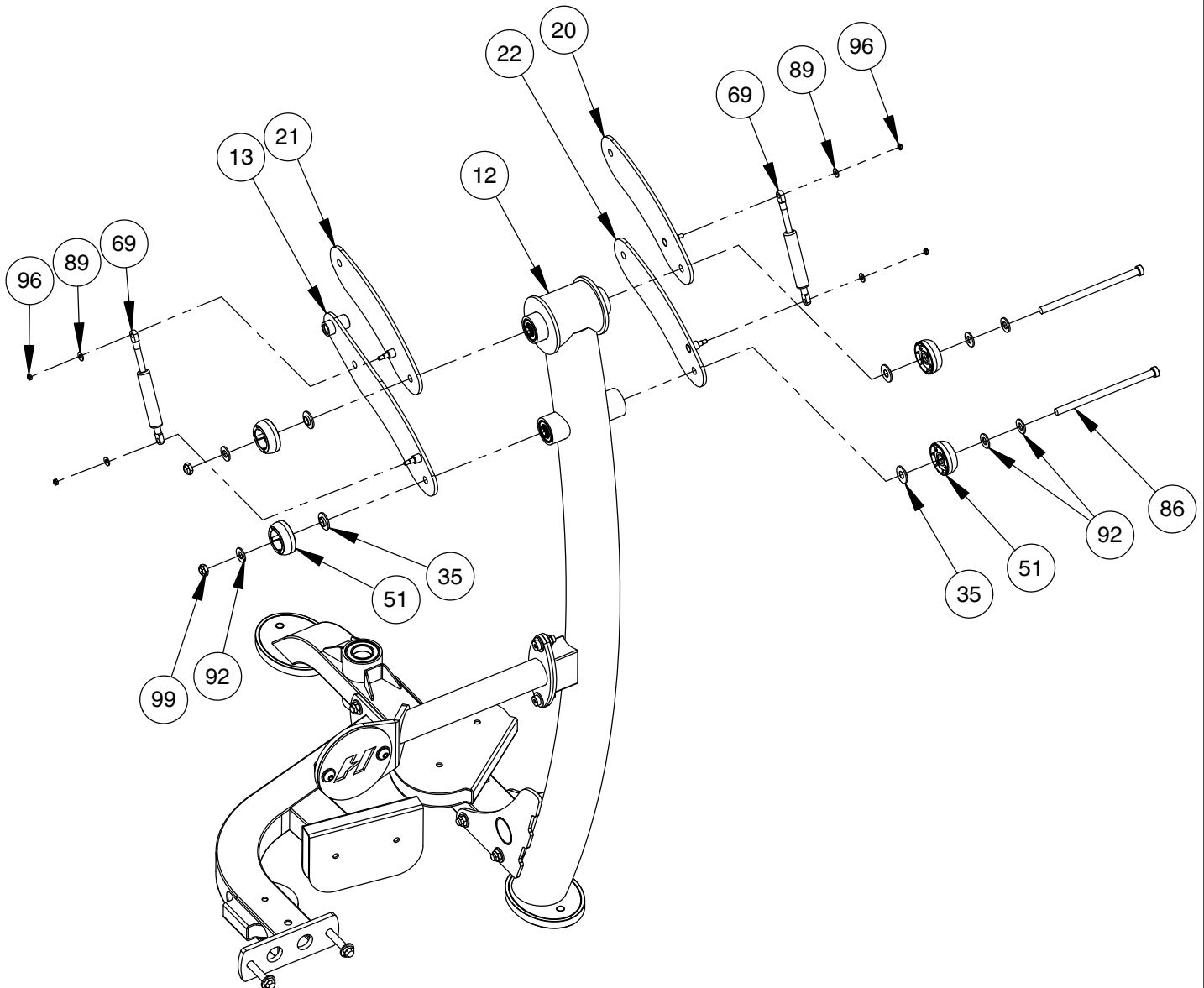
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# OWNER'S MANUAL

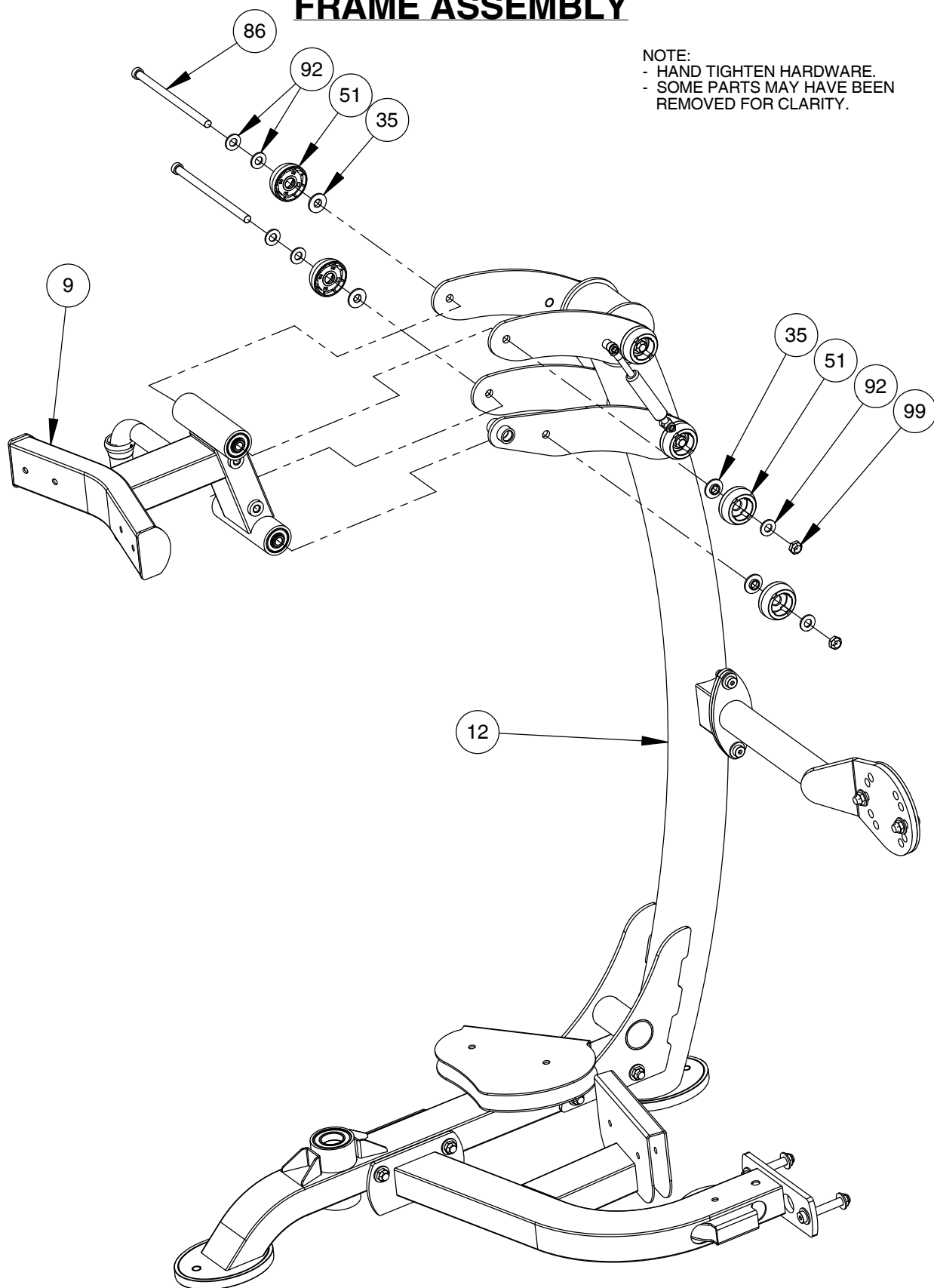
## FRAME ASSEMBLY

NOTE:  
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# OWNER'S MANUAL

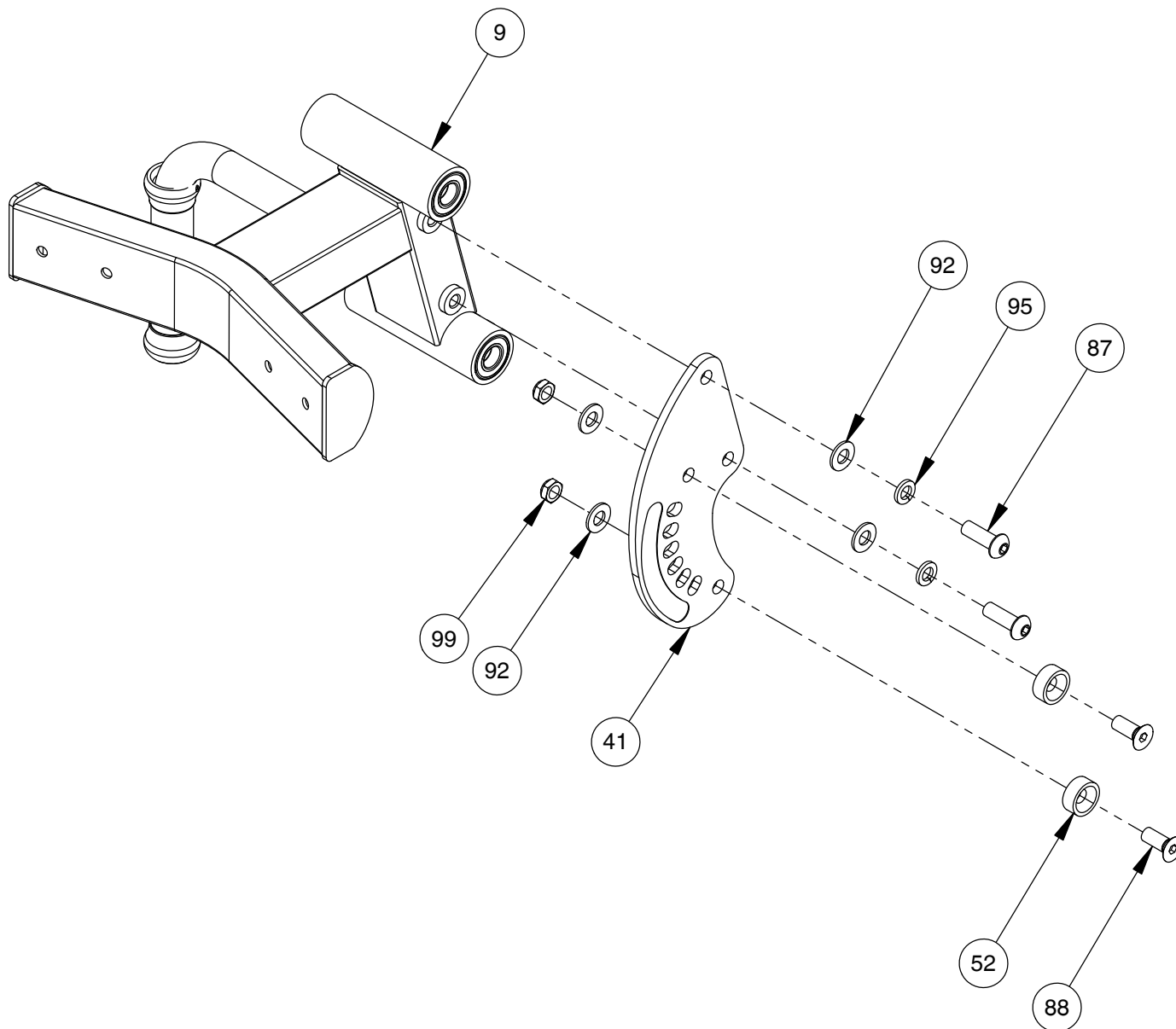
## FRAME ASSEMBLY



# OWNER'S MANUAL

## FRAME ASSEMBLY

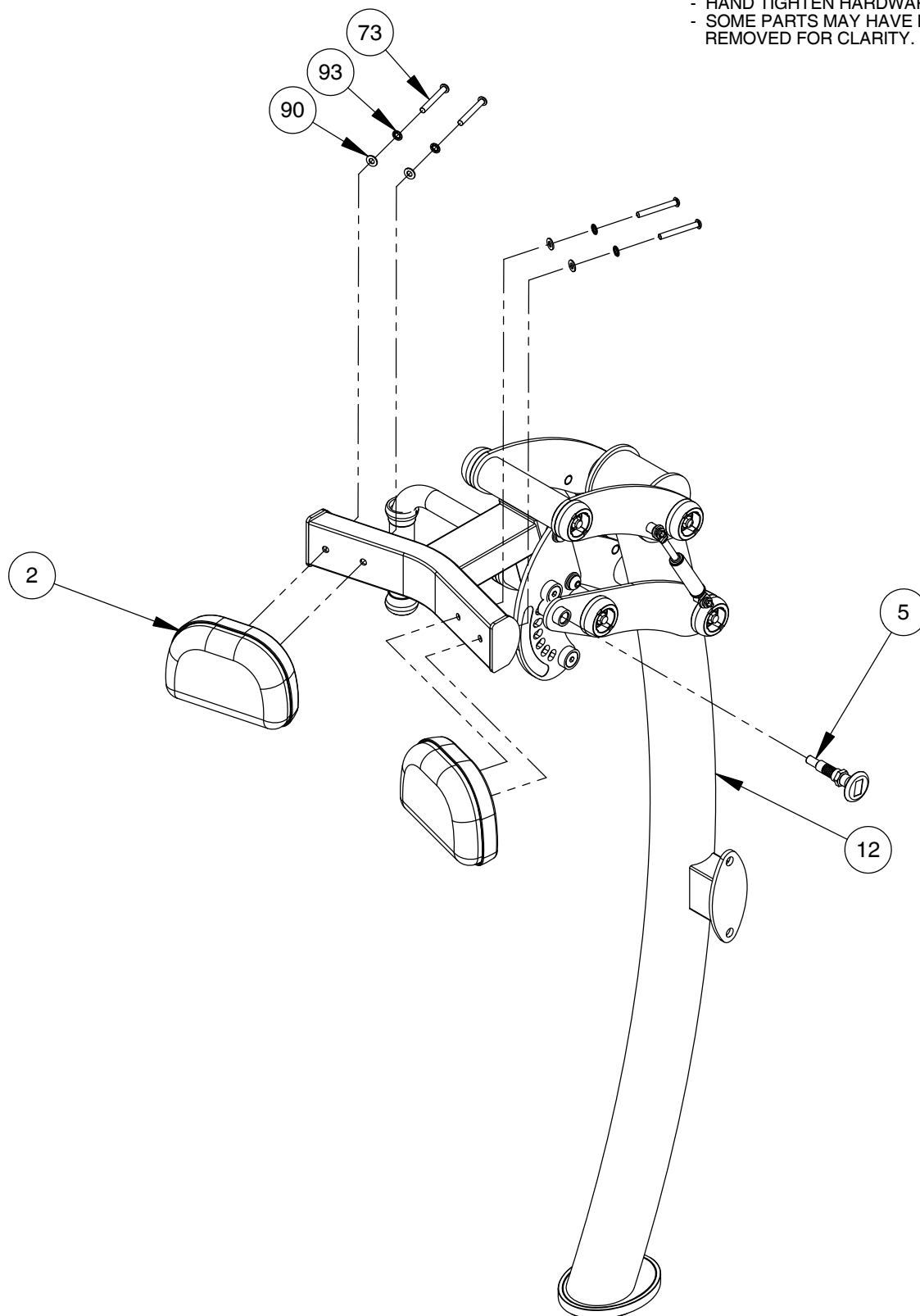
NOTE:  
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# OWNER'S MANUAL

## FRAME ASSEMBLY

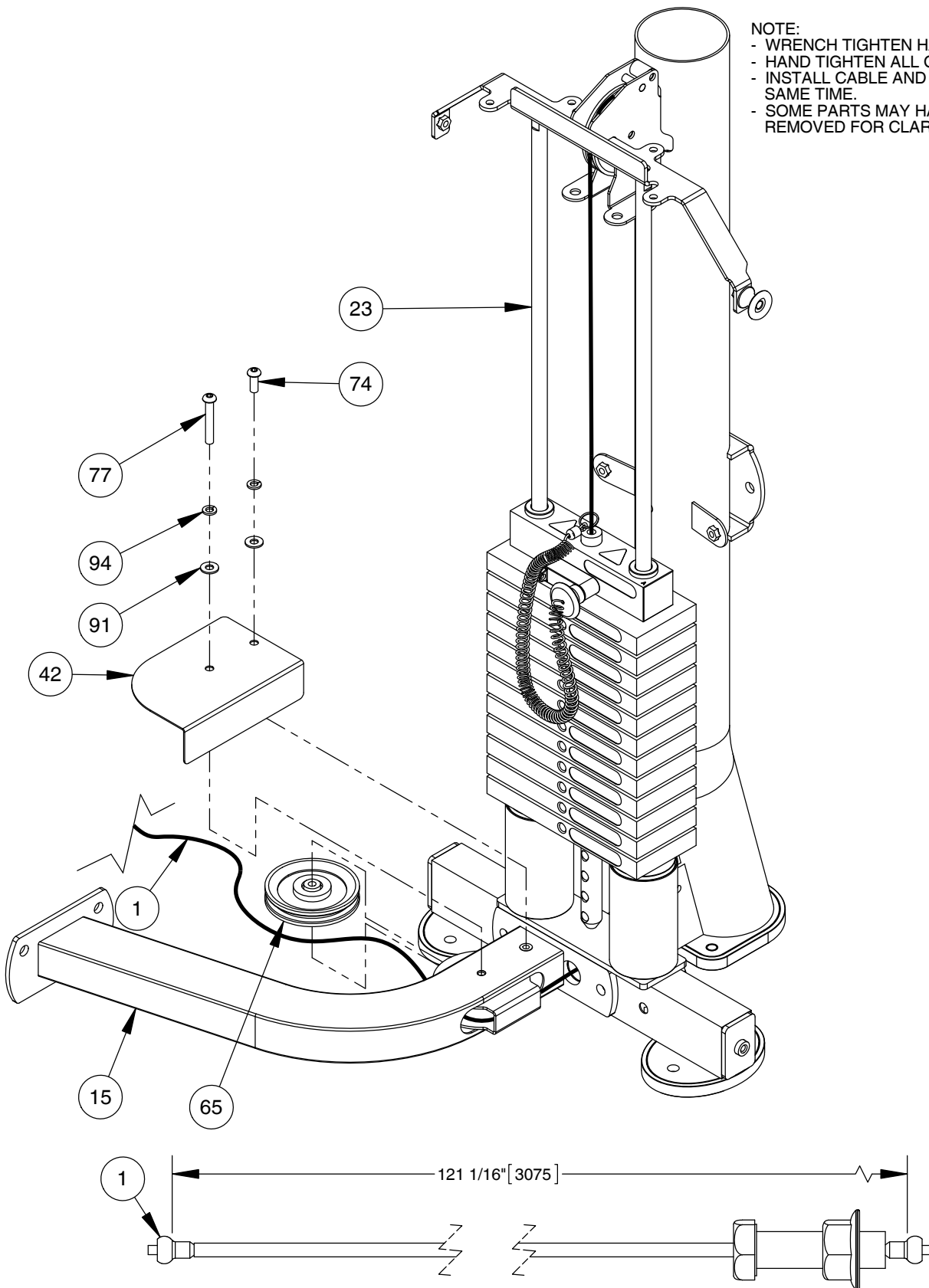
NOTE:  
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- SOME PARTS MAY HAVE BEEN  
REMOVED FOR CLARITY.



# OWNER'S MANUAL

## FRAME ASSEMBLY

- NOTE:
- WRENCH TIGHTEN HARDWARE (77) (74).
  - HAND TIGHTEN ALL OTHER HARDWARE.
  - INSTALL CABLE AND PULLEYS AT THE SAME TIME.
  - SOME PARTS MAY HAVE BEEN REMOVED FOR CLARITY.

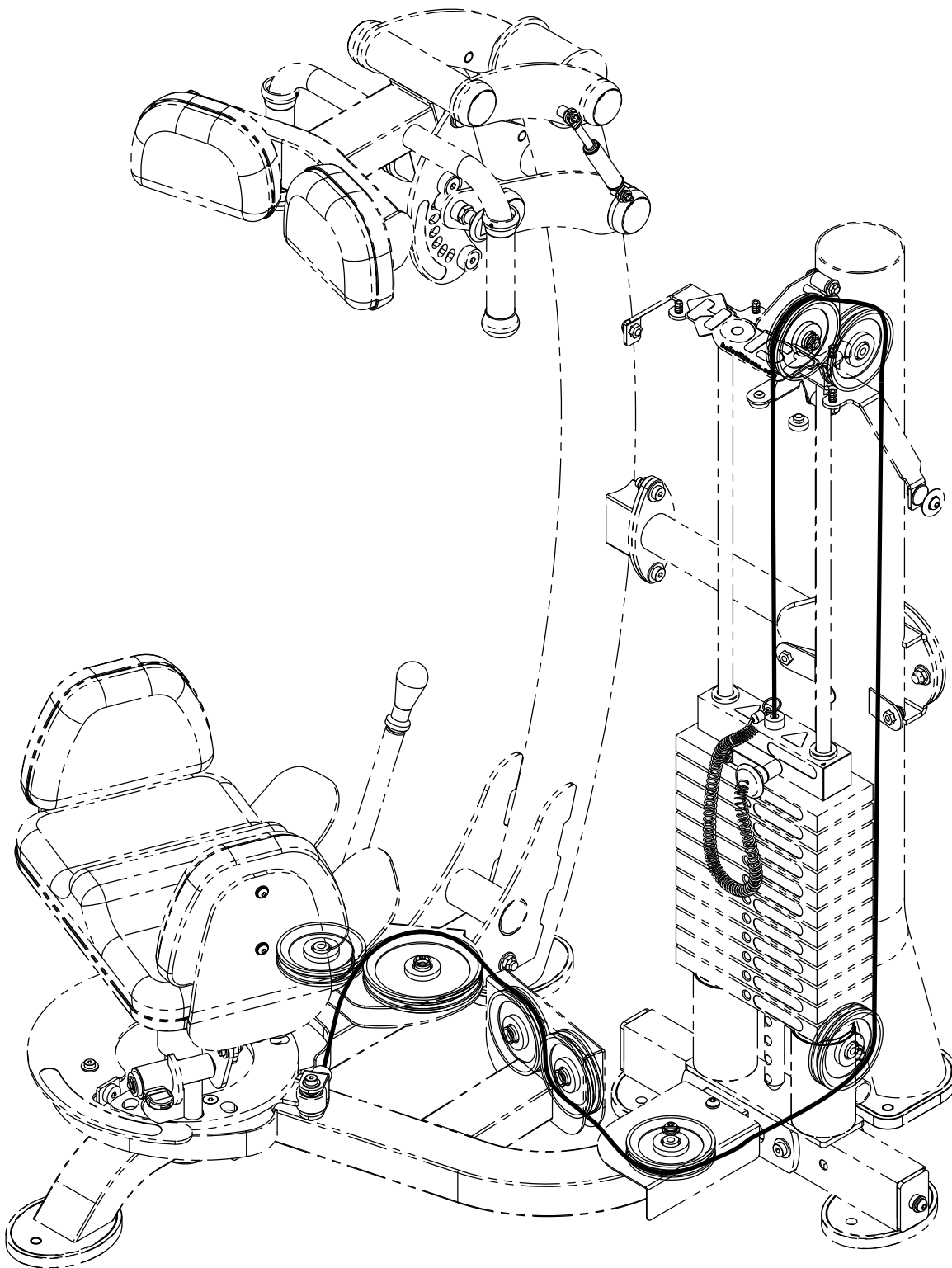


# OWNER'S MANUAL

## FRAME ASSEMBLY

### CABLE PROFILE VIEW

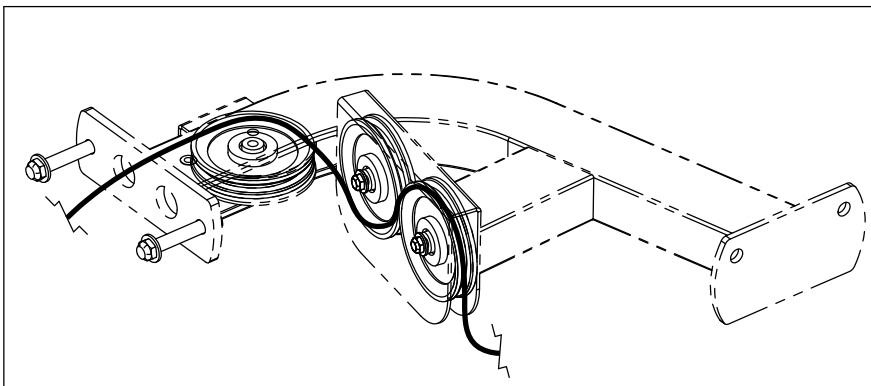
NOTE:  
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REMOVED FOR CLARITY.



# OWNER'S MANUAL

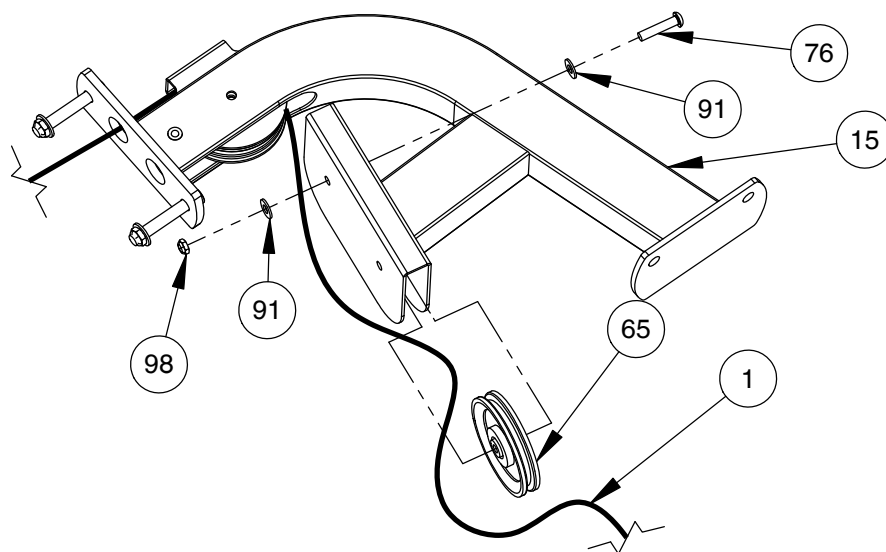
## FRAME ASSEMBLY

CABLE ROUTING VIEW

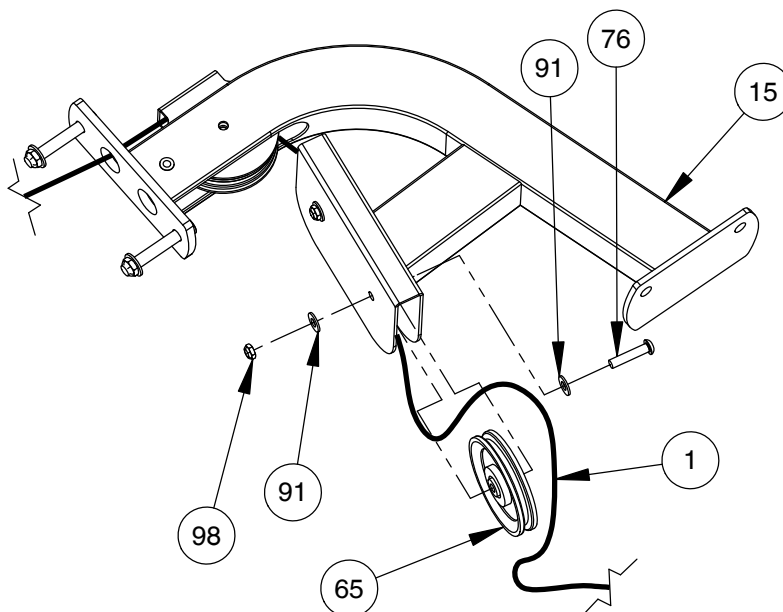


NOTE:

- HAND TIGHTEN HARDWARE.
- INSTALL CABLE AND PULLEYS AT THE SAME TIME.
- SOME PARTS MAY HAVE BEEN REMOVED FOR CLARITY.

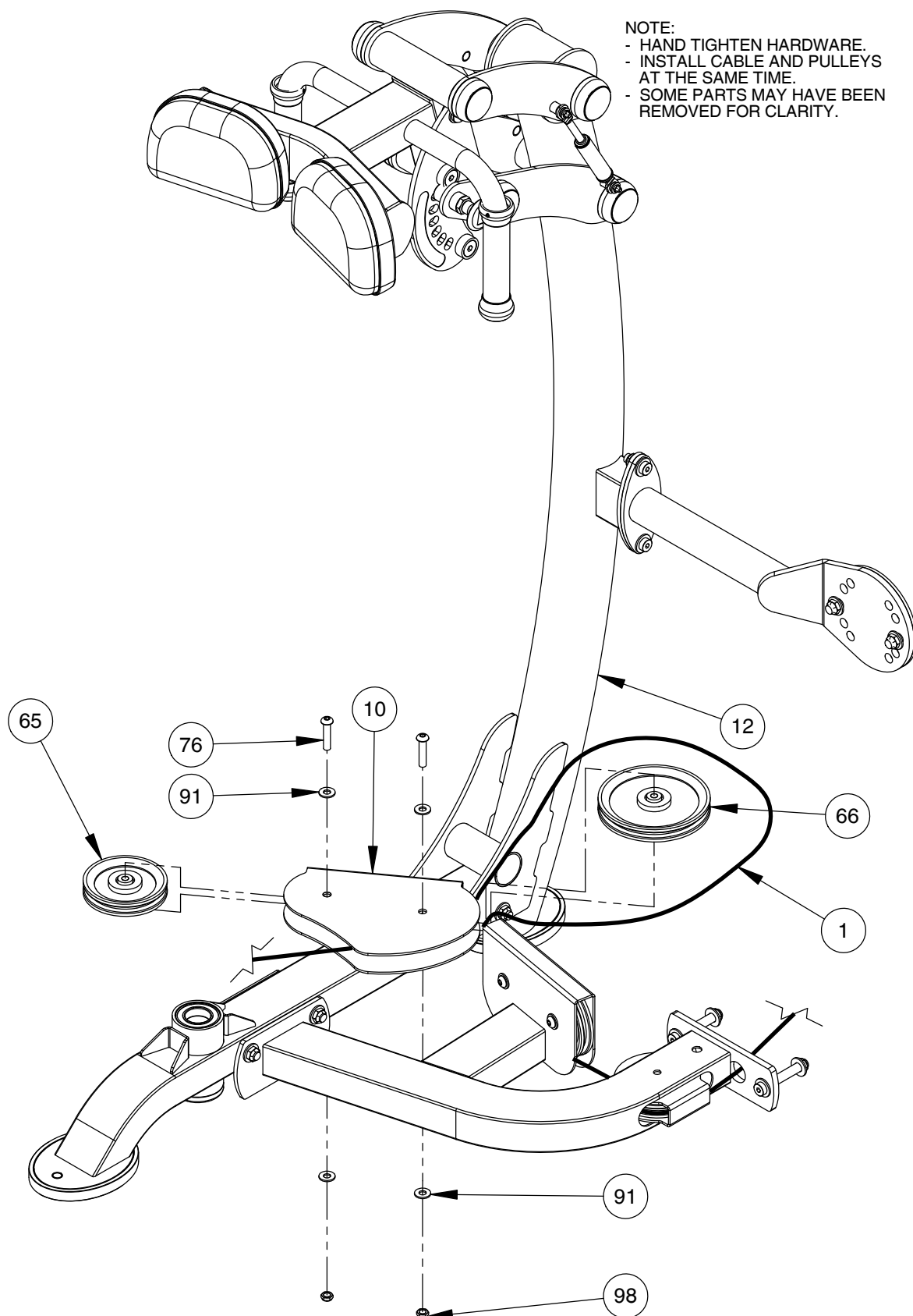


## STEP 2



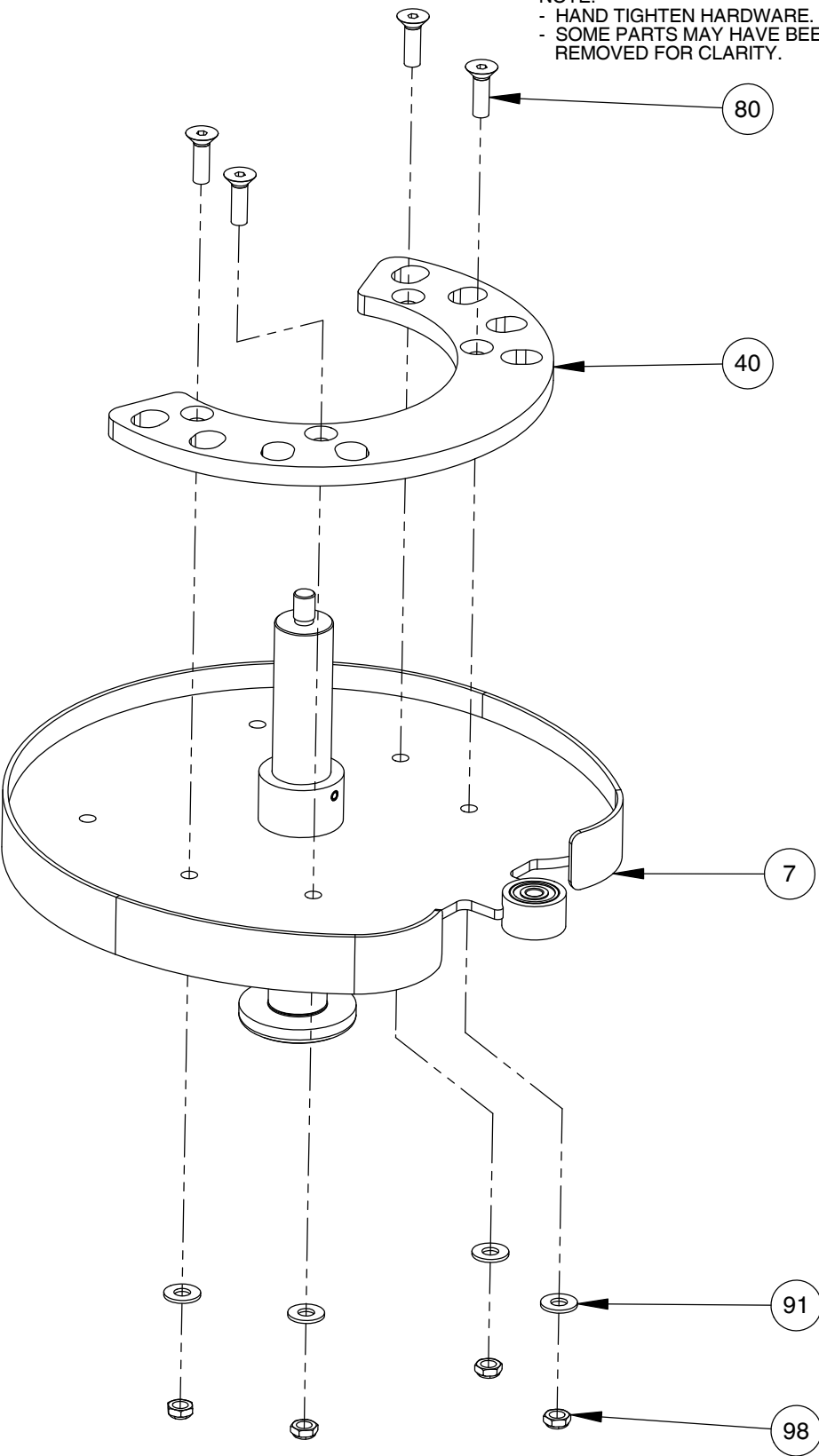
# OWNER'S MANUAL

## FRAME ASSEMBLY



FRAME ASSEMBLY

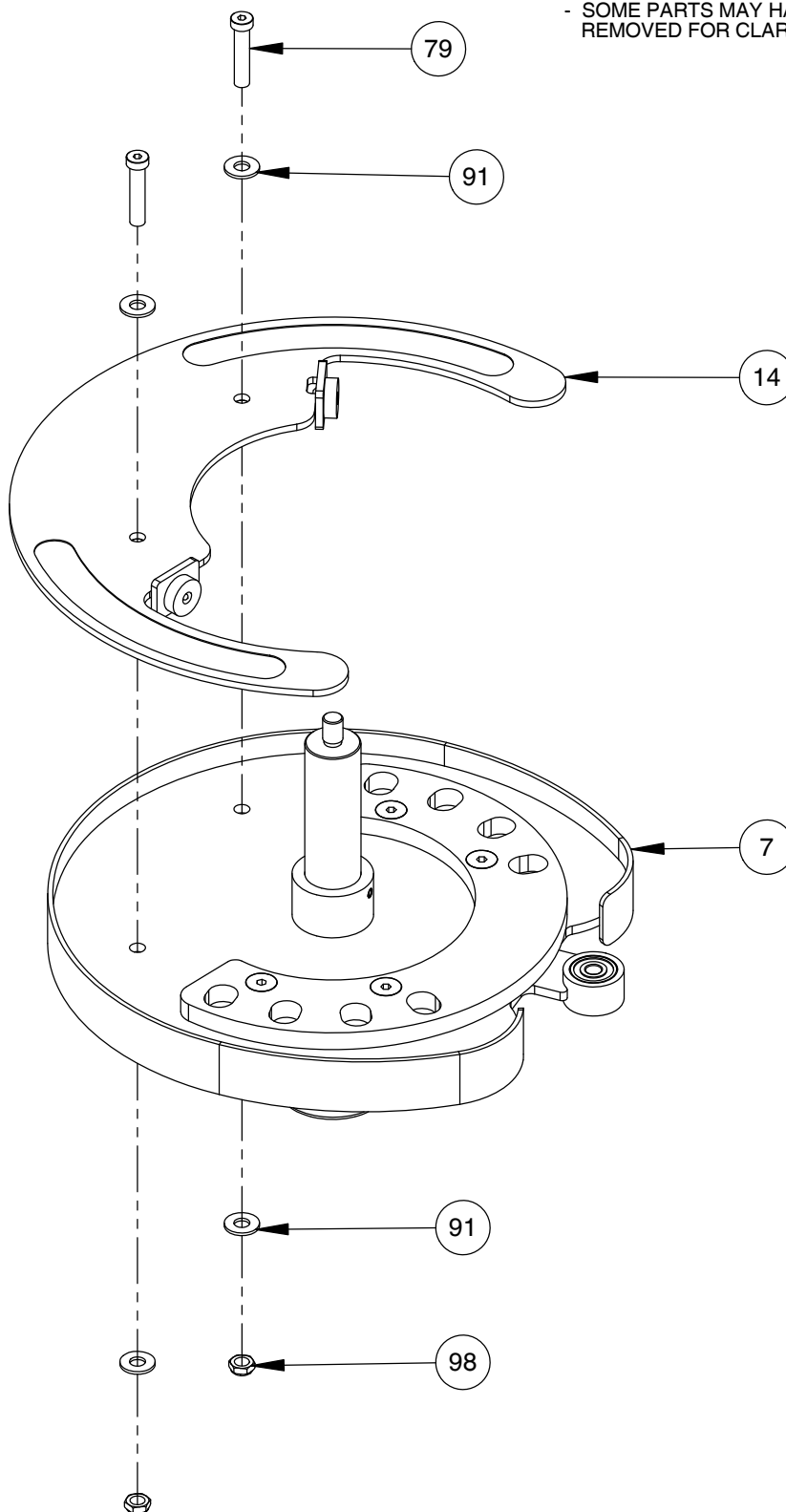
NOTE:  
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REMOVED FOR CLARITY.



# OWNER'S MANUAL

## FRAME ASSEMBLY

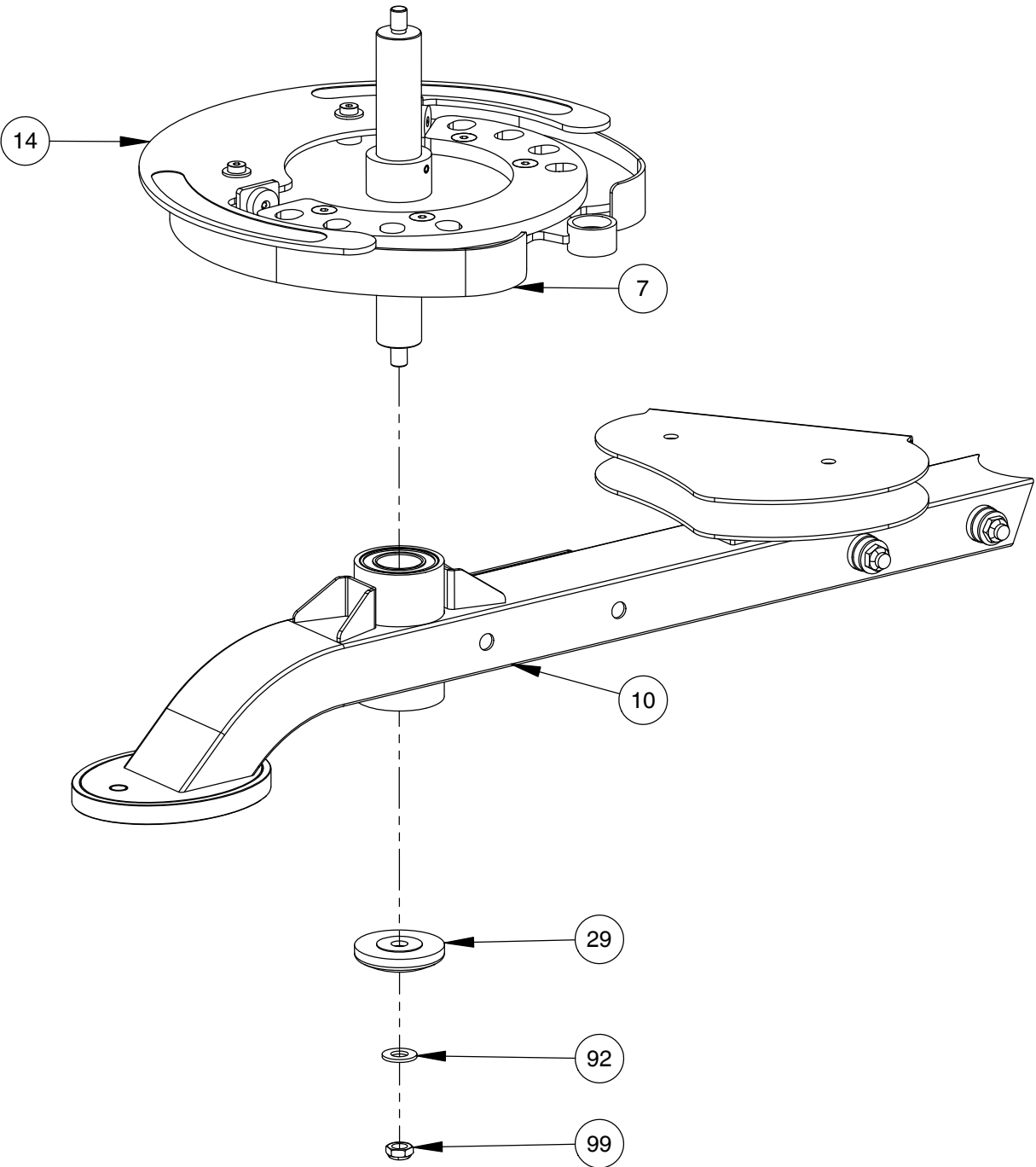
NOTE:  
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REMOVED FOR CLARITY.



# OWNER'S MANUAL

## FRAME ASSEMBLY

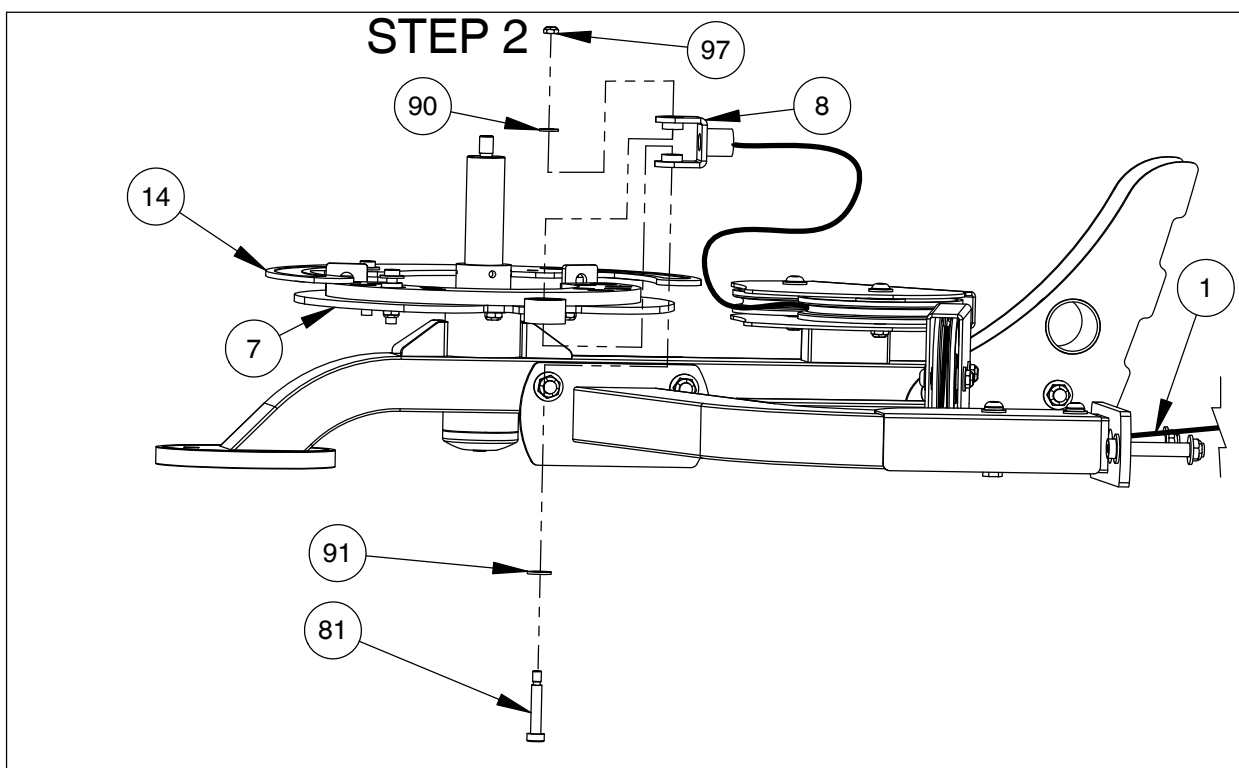
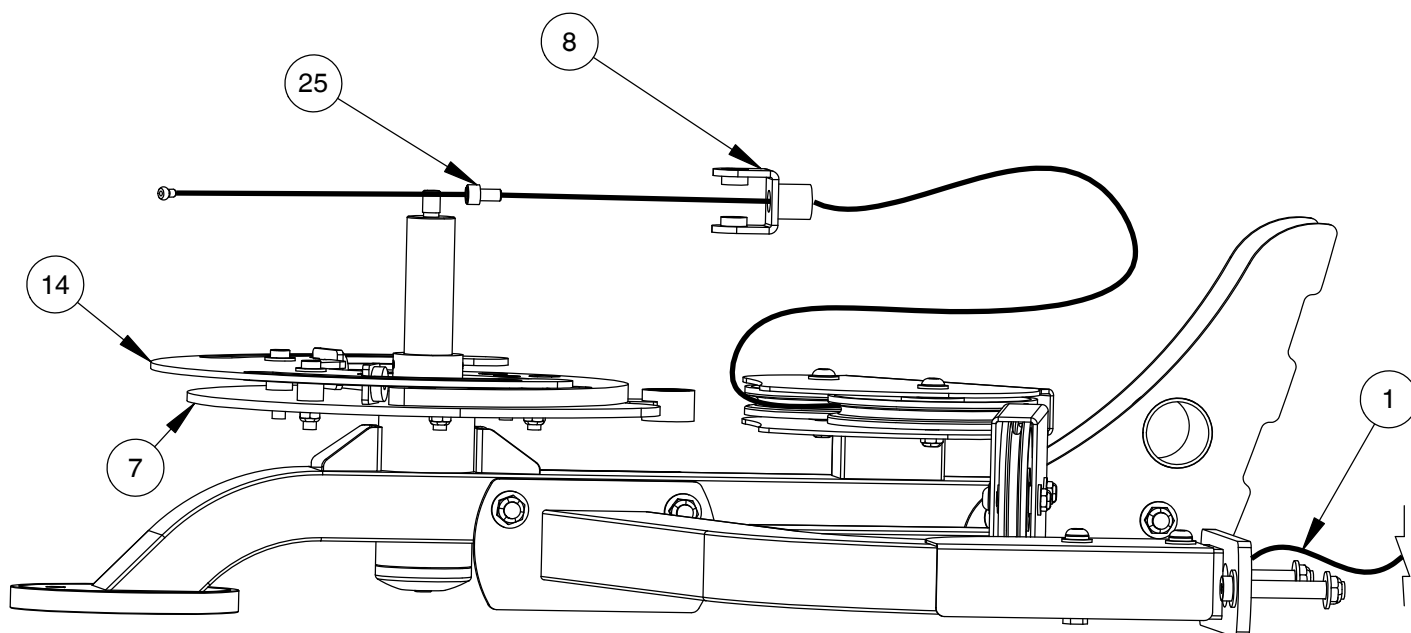
NOTE:  
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REMOVED FOR CLARITY.



# OWNER'S MANUAL

## FRAME ASSEMBLY

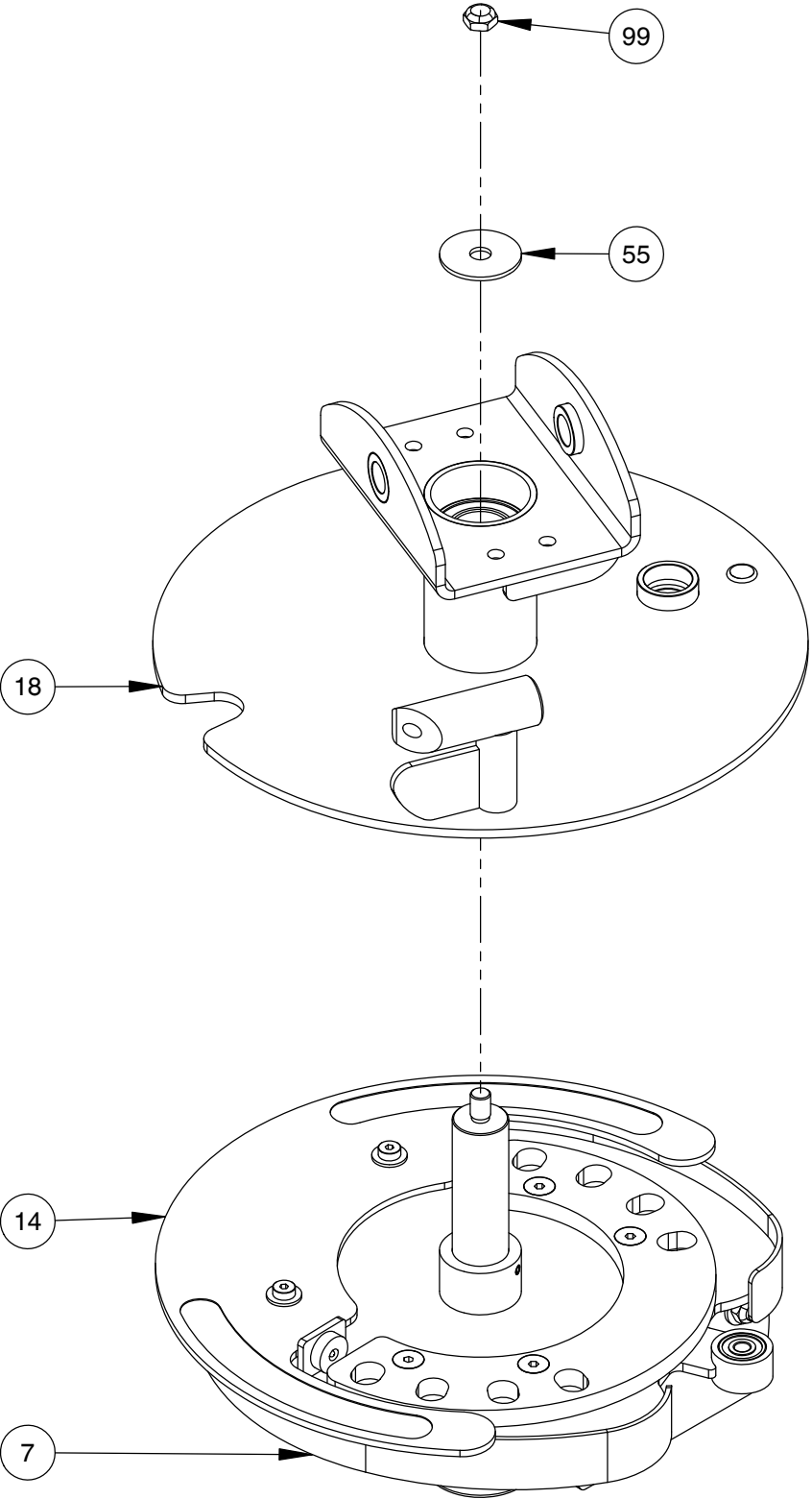
NOTE:  
- WRENCH TIGHTEN HARDWARE.  
- SOME PARTS MAY HAVE BEEN  
REMOVED FOR CLARITY.



# OWNER'S MANUAL

## FRAME ASSEMBLY

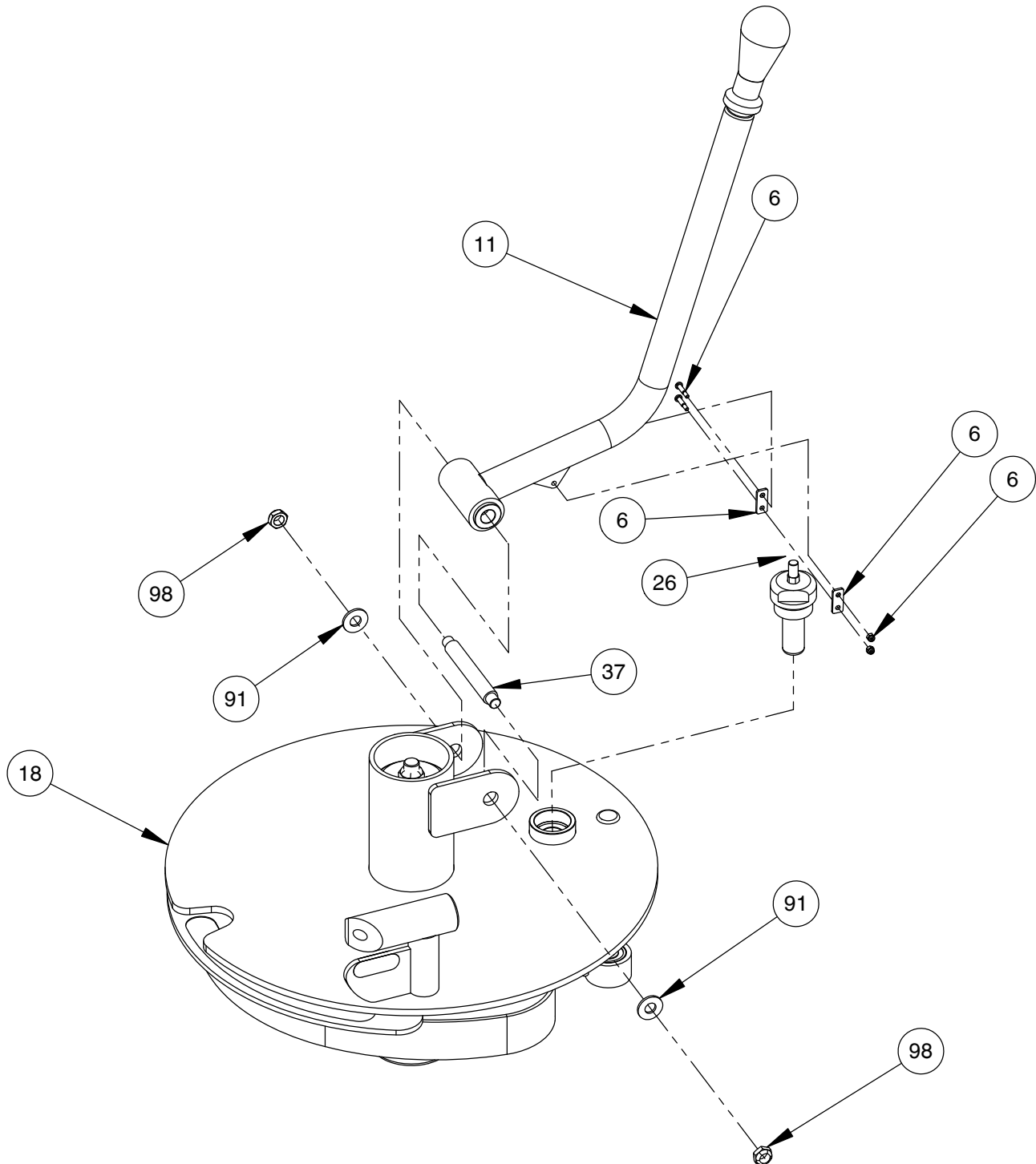
NOTE:  
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REMOVED FOR CLARITY.



# OWNER'S MANUAL

## FRAME ASSEMBLY

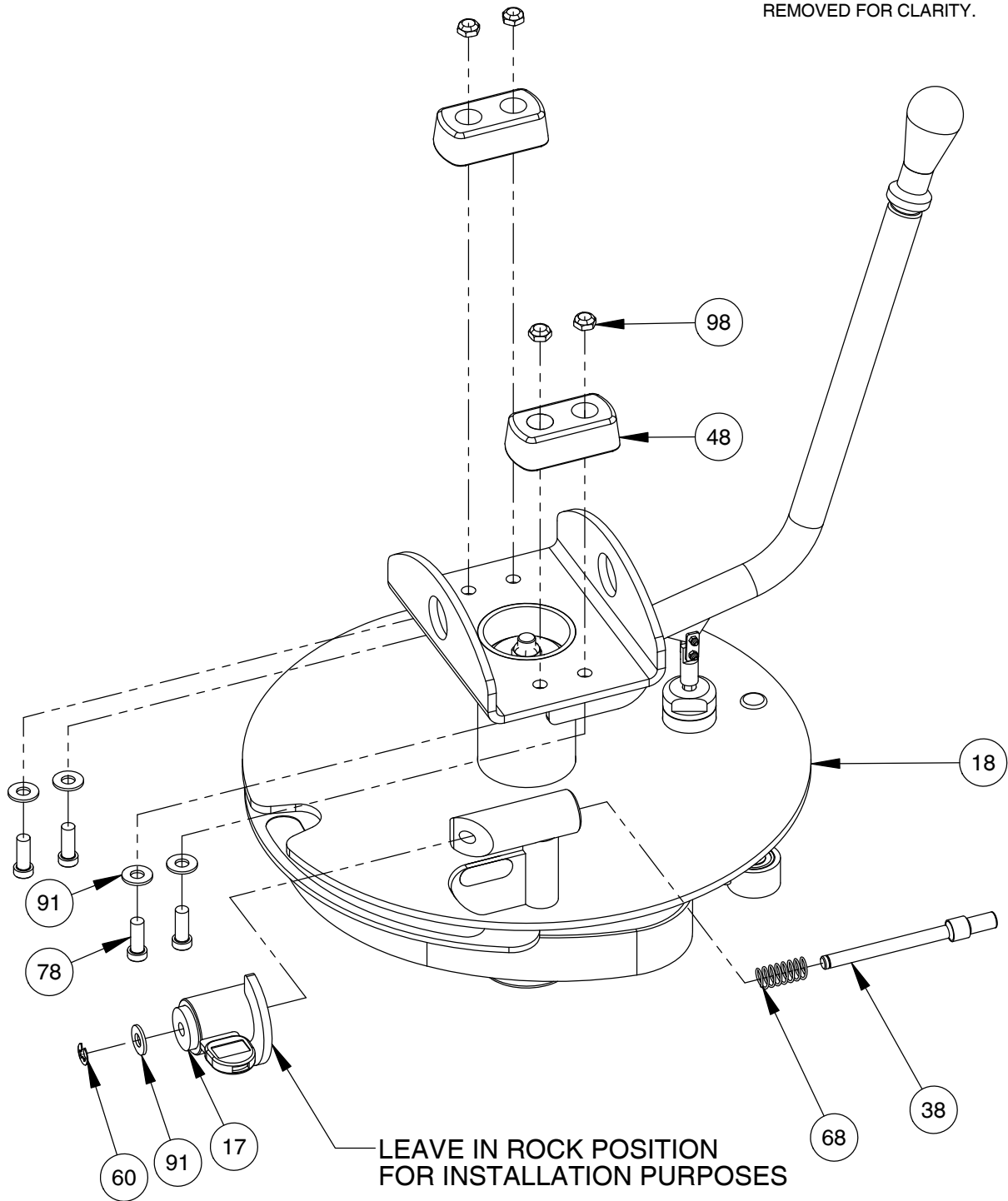
NOTE:  
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- SOME PARTS MAY HAVE BEEN  
REMOVED FOR CLARITY.



# OWNER'S MANUAL

## FRAME ASSEMBLY

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

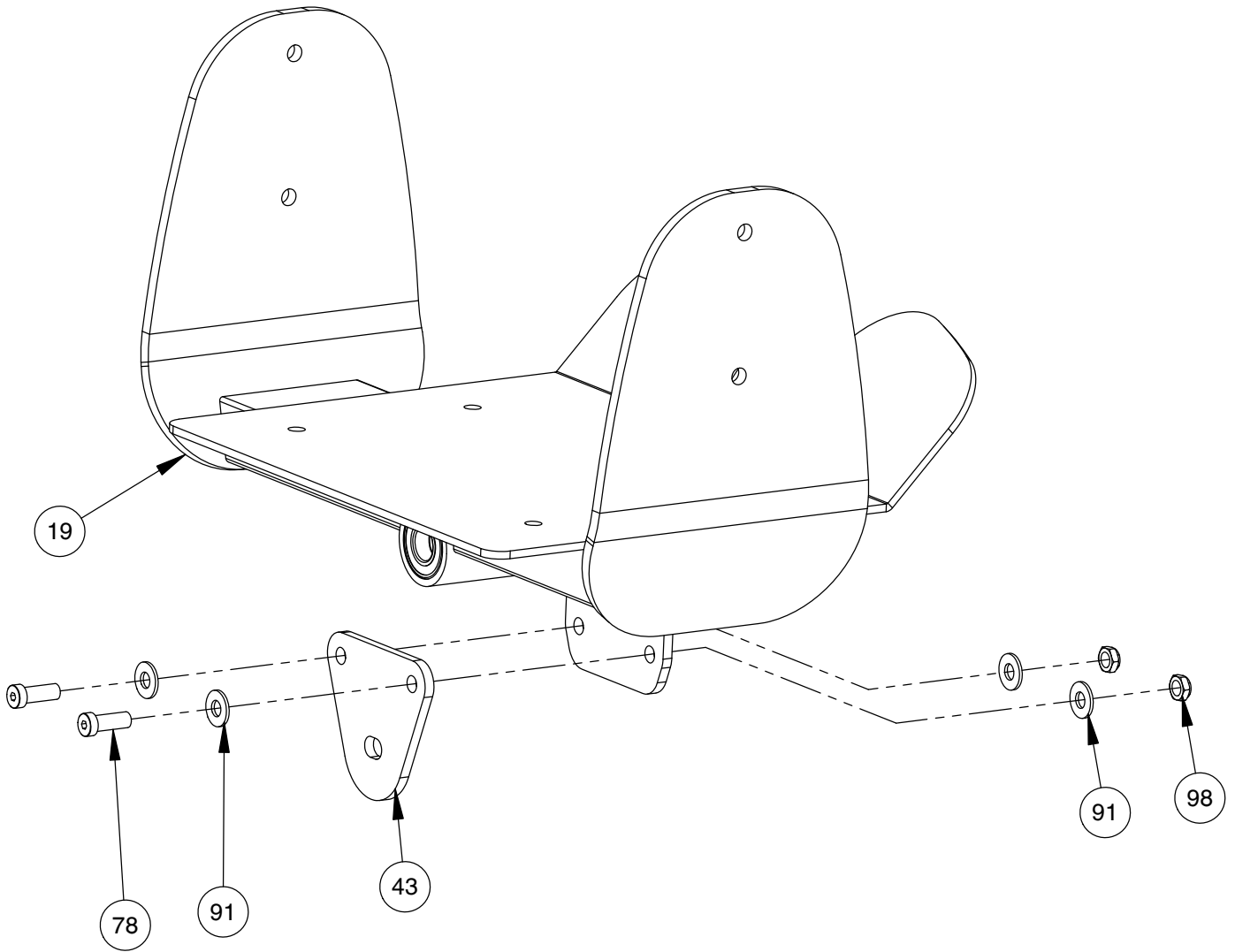


# OWNER'S MANUAL

## FRAME ASSEMBLY

NOTE:

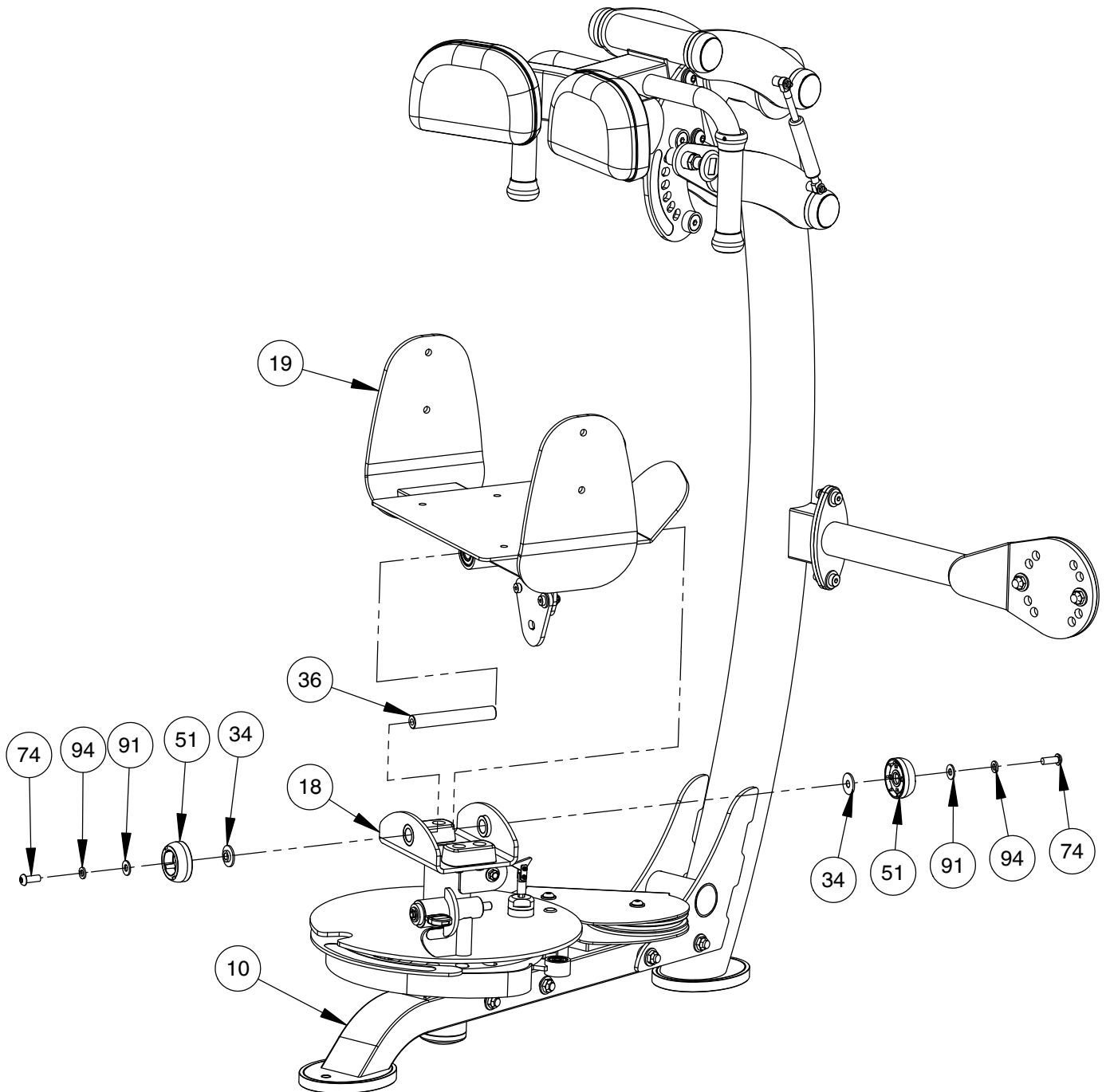
- HAND TIGHTEN HARDWARE.
- SOME PARTS MAY HAVE BEEN REMOVED FOR CLARITY.



# OWNER'S MANUAL

## FRAME ASSEMBLY

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

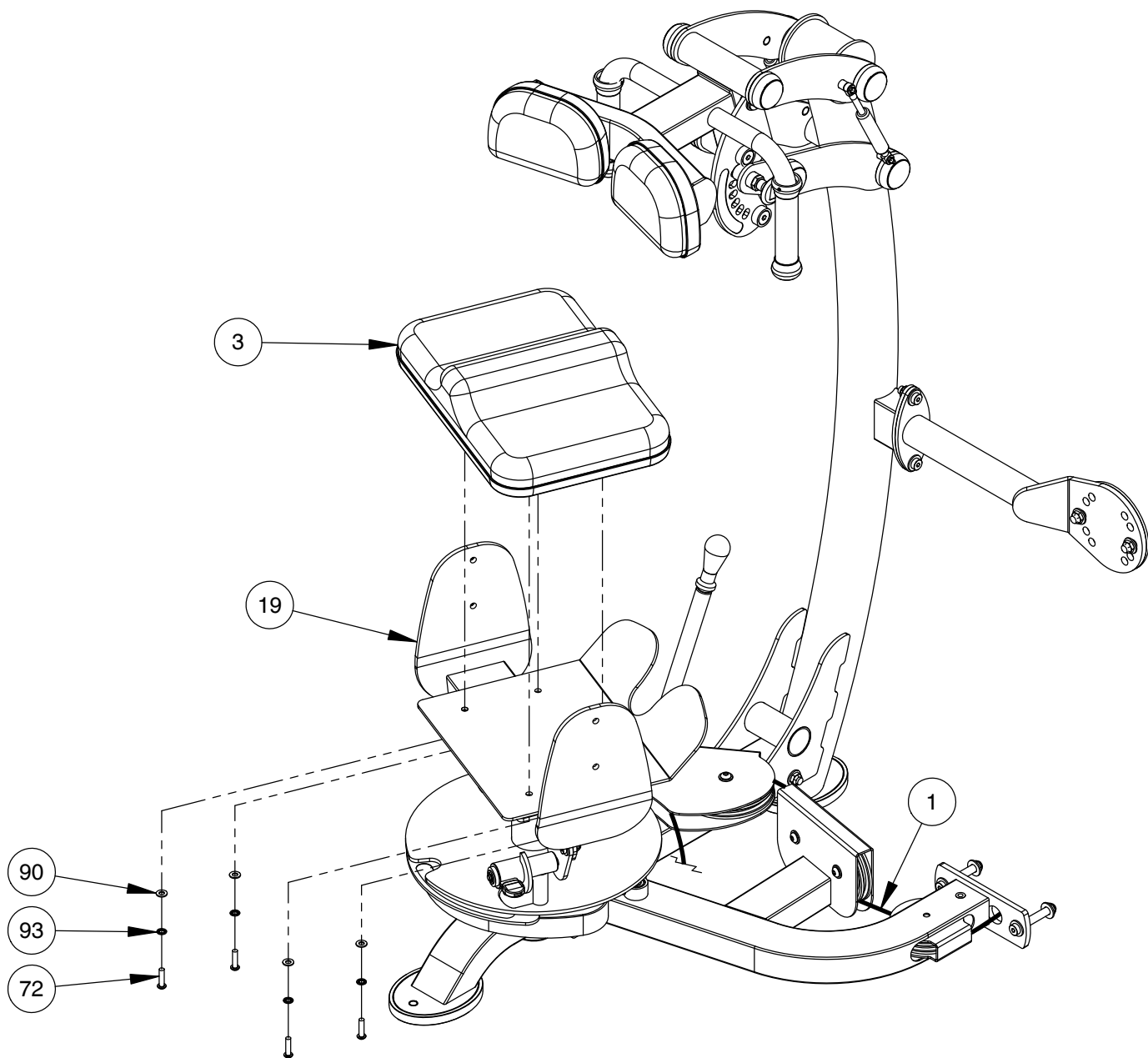


# OWNER'S MANUAL

## FRAME ASSEMBLY

NOTE:

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

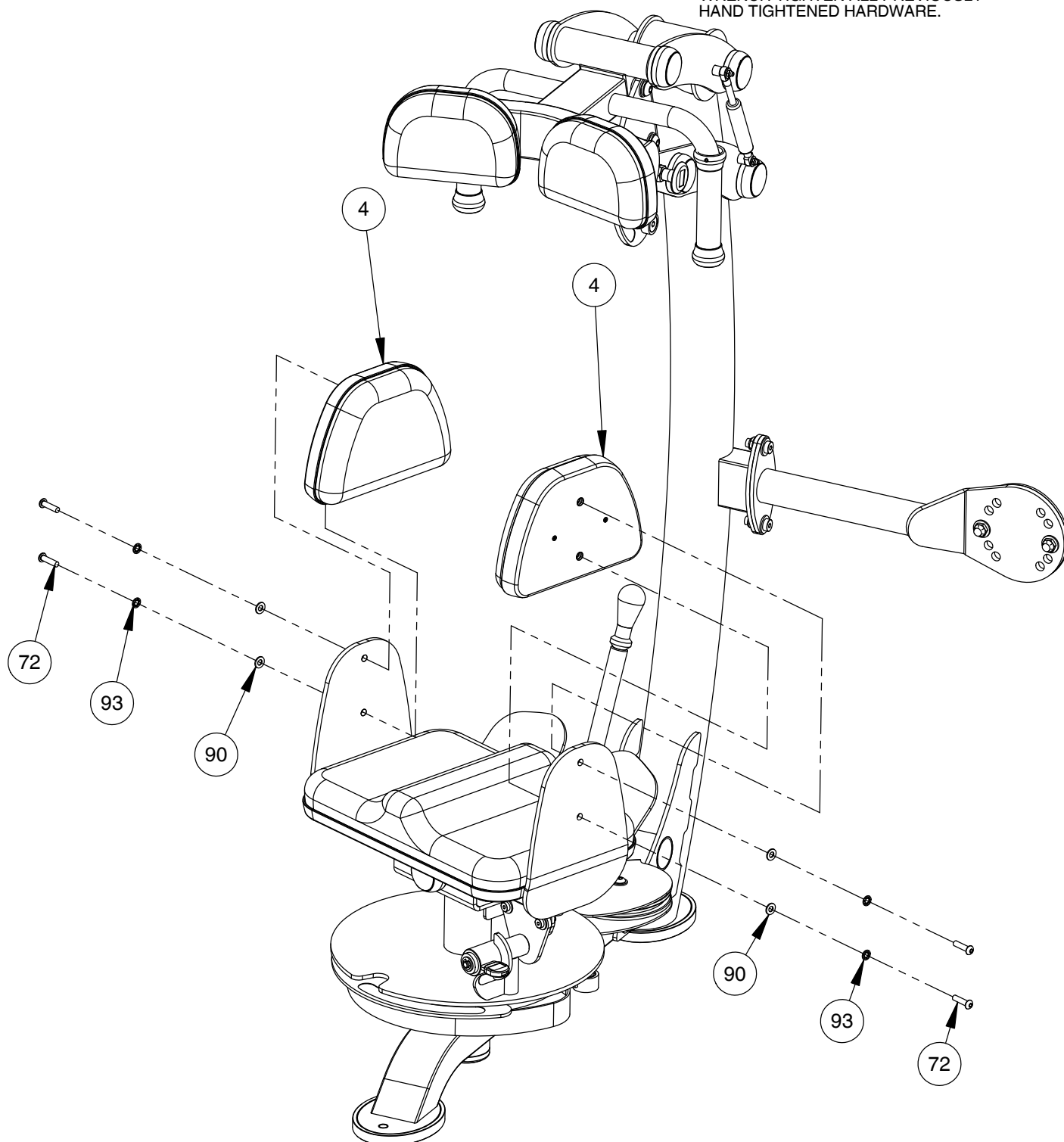


# OWNER'S MANUAL

## FRAME ASSEMBLY

NOTE:

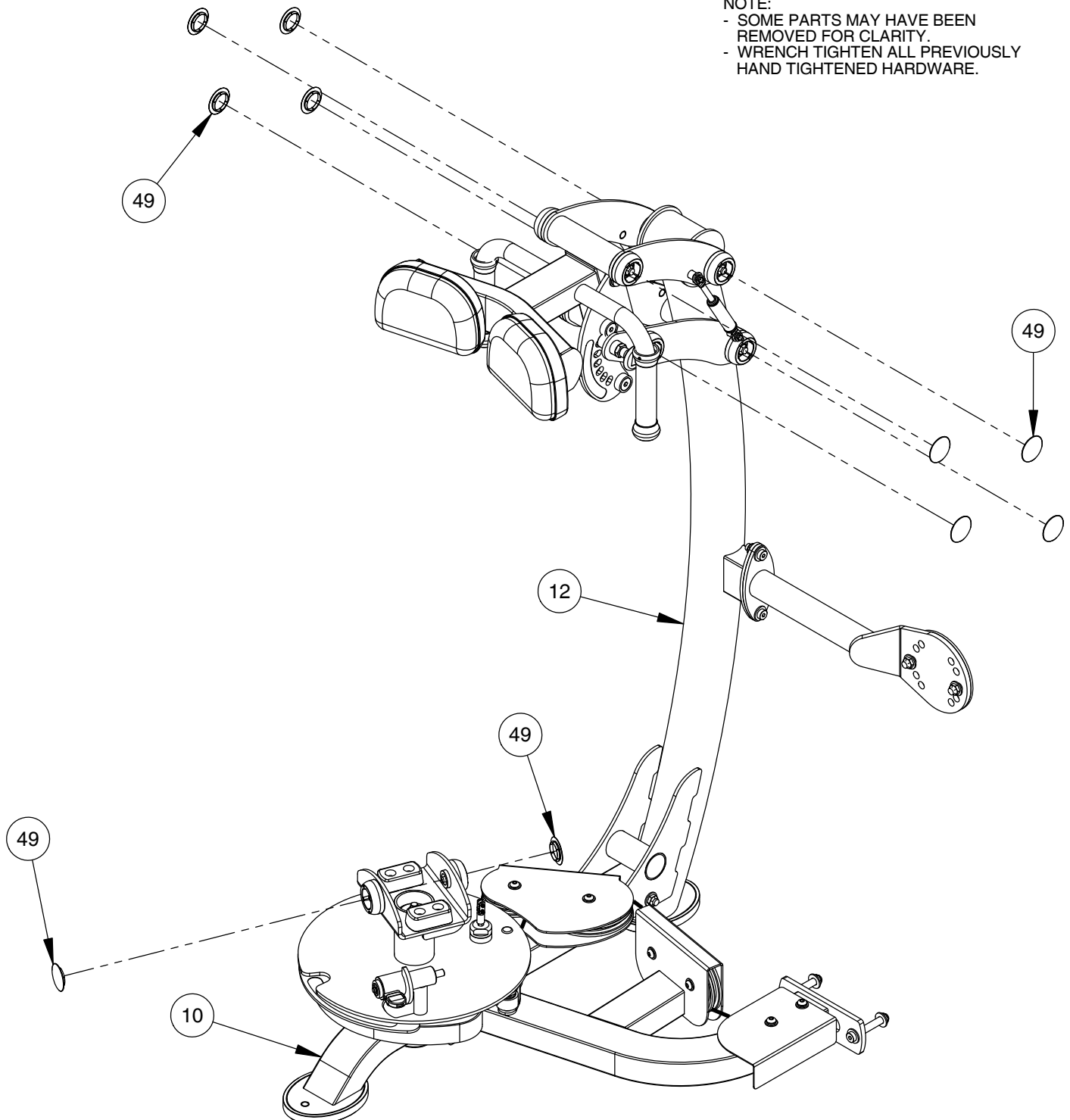
- WRENCH TIGHTEN HARDWARE.
- SOME PARTS MAY HAVE BEEN REMOVED FOR CLARITY.
- WRENCH TIGHTEN ALL PREVIOUSLY HAND TIGHTENED HARDWARE.



# OWNER'S MANUAL

## FRAME ASSEMBLY

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

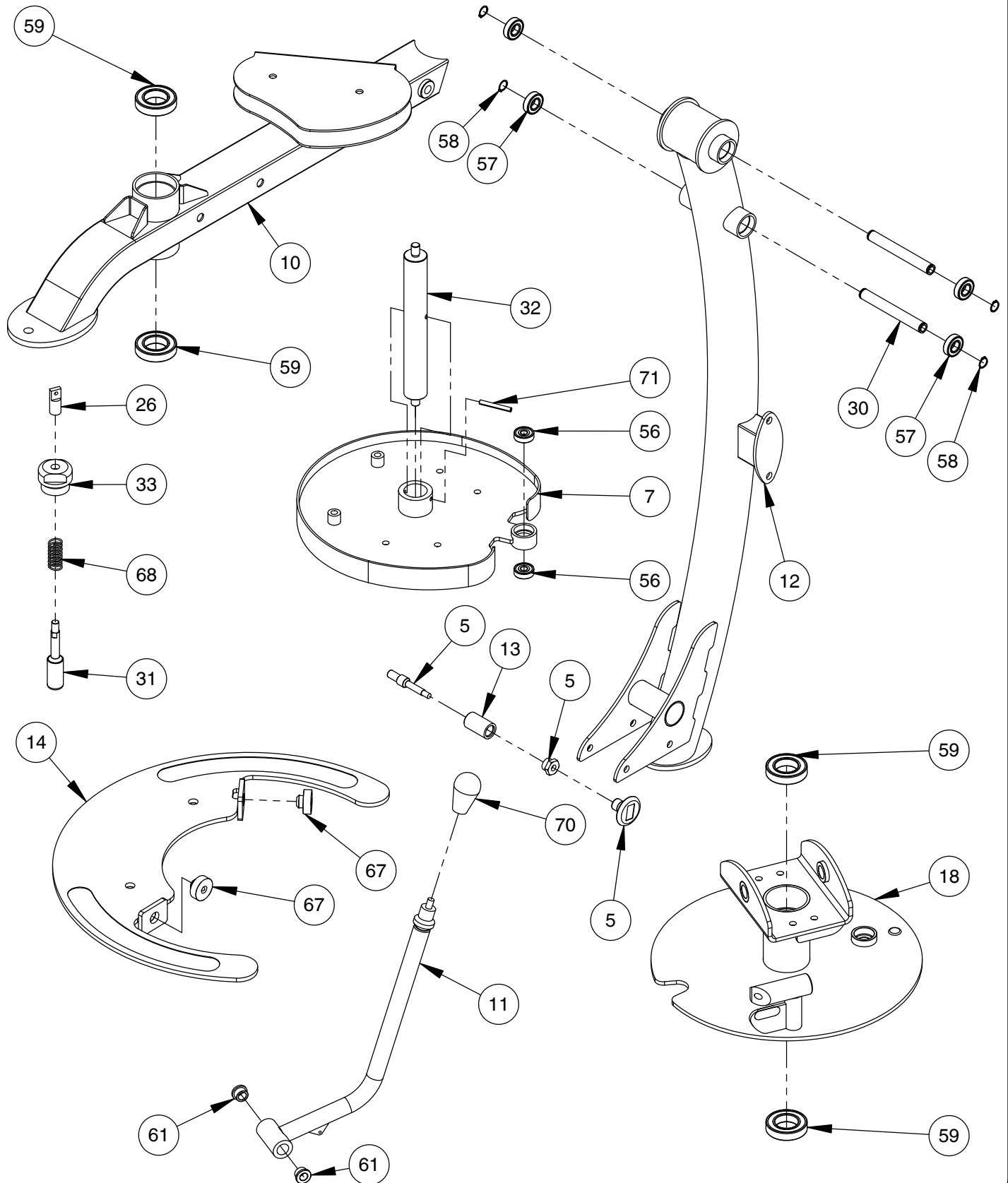


### **\*IMPORTANT\***

NOW THAT THE RS-1602 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.

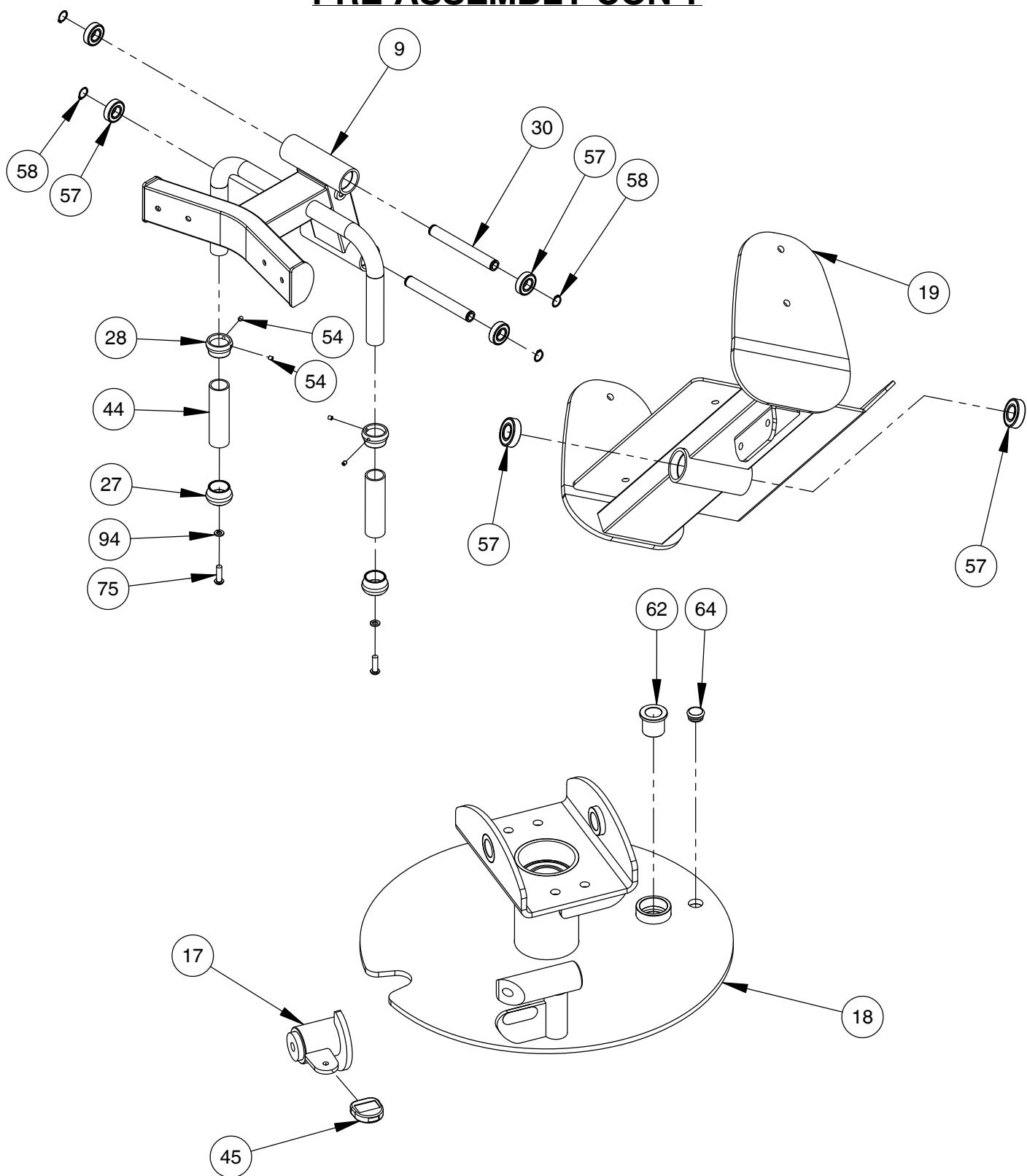
# OWNER'S MANUAL

## PRE-ASSEMBLY



# OWNER'S MANUAL

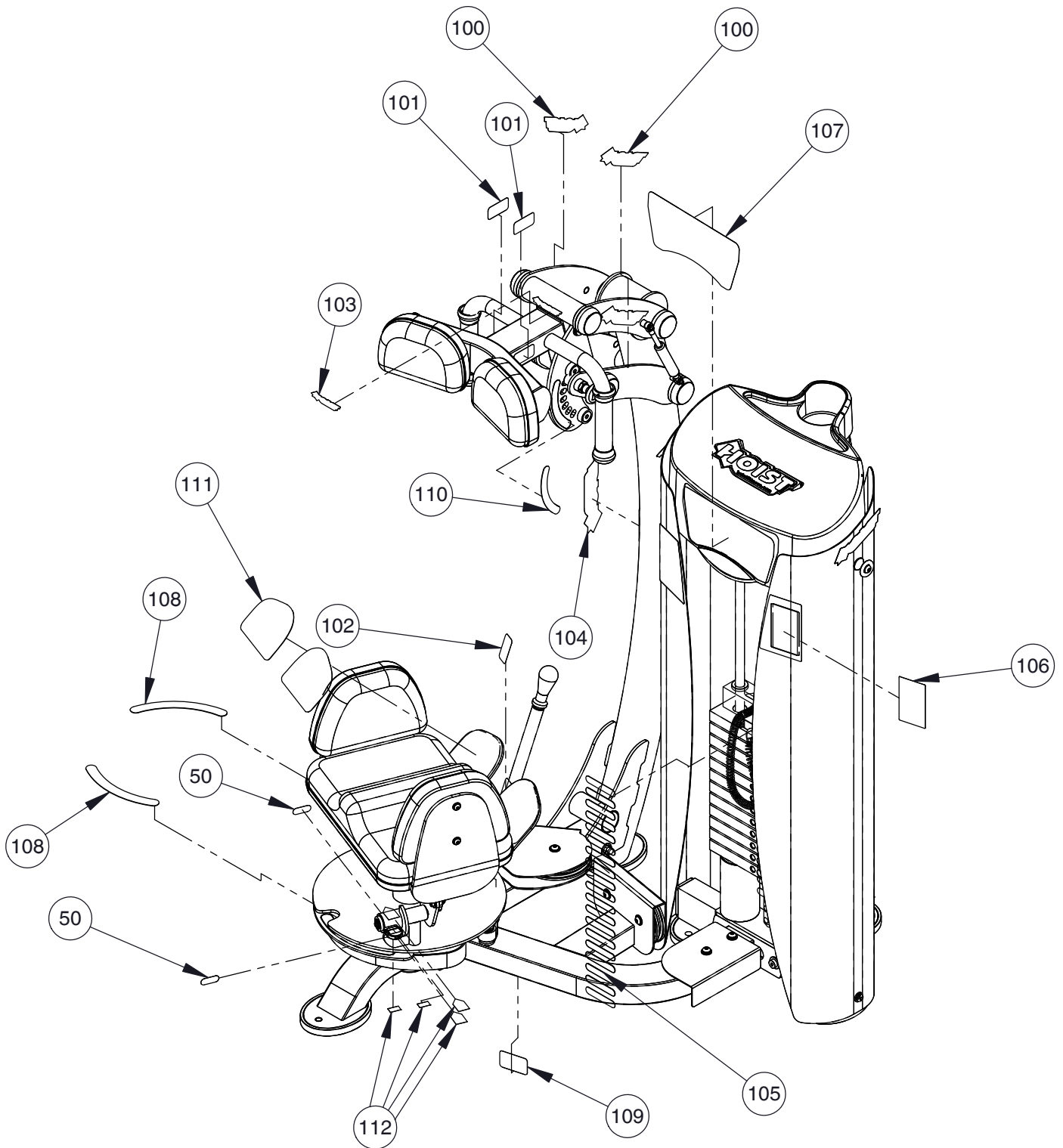
## PRE-ASSEMBLY CON'T



# OWNER'S MANUAL

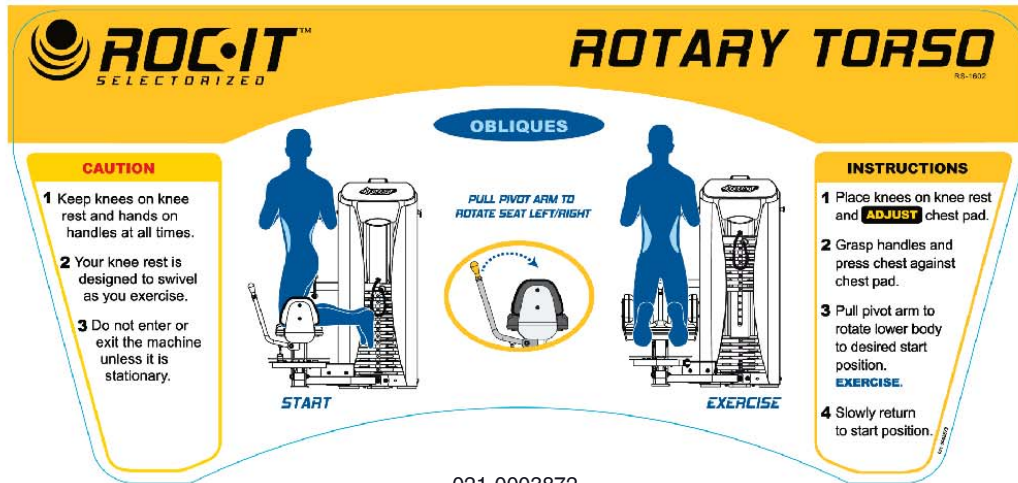
## DECAL PLACEMENT

NOTE:  
- ALL DECALS ARE CENTERED  
UNLESS OTHERWISE STATED.



# OWNER'S MANUAL

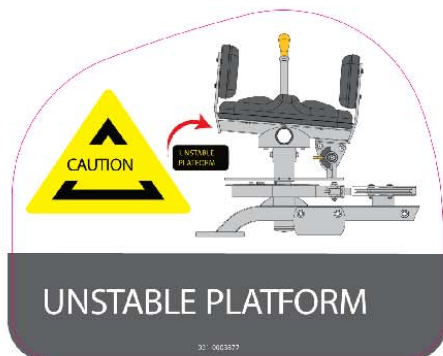
## DECAL REFERENCE



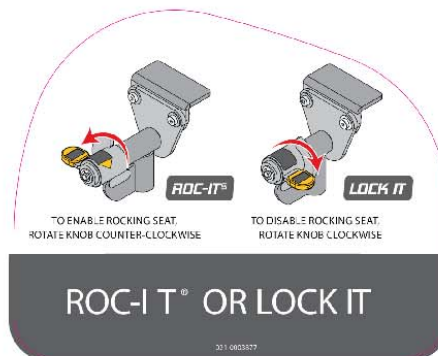
021-0003872



021-0003322



021-0003877



021-0003379



021-0003093



021-0003627



021-0003230



021-0003254



021-0003881



SERIAL # DECAL

# OWNER'S MANUAL

## DECAL REFERENCE

8 LBS / 4 KGS

88 LBS / 40 KGS

18 LBS / 8 KGS

98 LBS / 44 KGS

28 LBS / 13 KGS

108 LBS / 49 KGS

38 LBS / 17 KGS

118 LBS / 54 KGS

48 LBS / 22 KGS

128 LBS / 58 KGS

58 LBS / 26 KGS

68 LBS / 31 KGS

78 LBS / 35 KGS

021-0003940

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.

021-003875 (RS-1602)

021-0003875

6

5

4

3

2

1

021-0003879

40

60

80

100

021-0003880

100

80

60

40

# OWNER'S MANUAL

## PART LIST

NOTE: SOME OF THESE PARTS MAY COME PRE-INSTALLED

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	010-01C0662	RS-1602 CABLE ASSEMBLY - 121 1/16" LG.	1
2	022-01PD2105-M	PAD ASSEMBLY	2
3	022-01PD2341-A-M	PAD ASSEMBLY	1
4	022-01PD2342-A-M	PAD ASSEMBLY	2
5	026-01X0185	PULL-PIN ASSEMBLY	1
6	026-01X5630	CHAIN LINK REPLACEMENT	1
7	026-01X5707	CAM	1
8	026-01X5713	SWIVEL YOKE	1
9	026-01X5742	UPPER PAD MOUNT	1
10	026-01X5743	BASE FRAME	1
11	026-01X5757	ADJUST LEVER	1
12	026-01X5758	UPRIGHT FRAME	1
13	026-01X5774	PIVOT LINK WITH ADJUSTER	1
14	026-01X5778	INDEX NUMBER RING	1
15	026-01X5807	CROSSMEMBER	1
16	026-01X5808	CROSS BAR ASSEMBLY	1
17	026-01X5950	SWITCH LEVER	1
18	026-01X5957	ROTATION ADJUST ASSEMBLY	1
19	026-01X5958	LOWER PAD MOUNT ASSEMBLY	1
20	026-01X5965	PIVOT LINK-2	1
21	026-01X5966	PIVOT LINK-3	1
22	026-01X5967	PIVOT LINK-1	1
23	ROC-IT WEIGHT CAGE - A2	ROC-IT WEIGHT CAGE	1
24	026-01F0431	FLNG-F, .1250" X 2.0000" X 6.5000"LG.	1
25	026-01M0200	QUICK RELEASE CABLE LOCK Ø.34" I.D. X .9990"LG.	1
26	026-01M0209	PULL-PIN TO CHAIN LINK	1
27	026-01M0932	ALUMINIUM CAP: Ø1.25" ID	2
28	026-01M0933	ALUMINUM RING: Ø1.25" ID	2
29	026-01M2356	END CAP: DOMED Ø 2.75" O.D.	1
30	026-01M2732	Ø .787" [20mm] SHAFT, 6.3370" LG.	4
31	026-01M2833	.709" PULL-PIN	1
32	026-01M2848	Ø 1.38" SHAFT W/ MALE THREADS	1
33	026-01M2961	PULL-PIN CAP	1
34	026-01M3112	FINISHED CAP WASHER	2
35	026-01M3119	FINISHED CAP WASHER	8

# OWNER'S MANUAL

## PART LIST CONTINUED

NOTE: SOME OF THESE PARTS MAY COME PRE-INSTALLED

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
36	026-01M3213	PIVOT SHAFT	1
37	026-01M3223	Ø .500" SHAFT, THREADED B.E.	1
38	026-01M3228	PULL PIN PLUNGER	1
39	026-01P2653	'H' PLATE	1
40	026-01P5427	R.O.M. PLATE	1
41	026-01P5446	ROM PLATE	1
42	026-01P5523	CABLE SHIELD	1
43	026-01P5676	PLATE, LOCK	1
44	026-01PL0235-17	GRIP OPEN ENDED Ø 1.188" X 5.00" LG.	2
45	026-01PL0239	THUMB LATCH	1
46	026-01PL0369	WEIGHT STAND OFF	2
47	026-01PL2122	OVAL-SHAPED RUBBER FOOT	2
48	026-01PL2291	RUBBER STOP	2
49	026-01PL2371	3.75" ROLLER PAD END CAP	10
50	021-0003883	RS-1602 WEAR DECAL (BLACK)	2
51	026-01PL2553	FINISH CAP BODY, Ø 2.3750"	10
52	026-01PL2325	PLASTIC LIMITER	2
53	026-01PL2393	Ø 3.0000" X .8125" ID X .313" T SPACER	2
54	011-0111008	SET SCREW: 1/4"-28 X .25" LG. (WZ)	4
55	013-0003012	Ø 2.0000" O.D. X Ø .5300" I.D. CUSTOM WASHER	1
56	014-0012012	BEARING: BALL BEARING, Ø .39" I.D.	2
57	014-0012015	BEARING: FLANGELESS Ø 1.65" O.D. X Ø .79" I.D. X .47" WIDE	10
58	014-0012017	SNAP RING - 20mm EXTERNAL	8
59	014-0012020	BEARING - FLANGELESS BALL 2.44" O.D. X 35MM I.D. X .55"	4
60	014-0015009	.375" E-CLIP	1
61	014-0101002	BUSHING: OILITE FLANGED Ø .75" O.D X Ø .50" I.D X .38" LG.	2
62	014-0101030	FLANGED OILITE 18MM I.D. X 25MM L.G.	1
63	014-0104004	BUSHING: SLEEVE, BRONZE Ø .5220" O.D. X Ø .3125" I.D. X .5850" LG.	1
64	016-0203007	PLUG, 5/8" HOLE, LDPE, BLACK	1
65	018-0001003	CABLE PULLEY: Ø 4.50"	4
66	018-0002017	PULLEY 6.00" OD	1
67	019-0001001	PLUG BUMPER	2
68	020-0011009	SPRING	2
69	020-0006007	GAS SHOCK	2
70	020-0007004	KNOB - OVAL	1

# OWNER'S MANUAL

## PART LIST CONTINUED

NOTE: SOME OF THESE PARTS MAY COME PRE-INSTALLED

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
71	030-0303018	ROLL PIN .2500" X 2.0000" LONG	1
72	011-0701004	5/16"-18UNC X 1.25" BHCS (Ni)	8
73	011-0701009	5/16"-18UNC X 2.50" BHCS (Ni)	4
74	011-0701020	3/8"-16UNC X 1.00" BHCS (Ni)	3
75	011-0701021	3/8"-16UNC X 1.25" BHCS (Ni)	2
76	011-0701023	3/8"-16UNC X 1.75" BHCS (Ni)	4
77	011-0701026	3/8"-16UNC X 2.50" BHCS (Ni)	1
78	011-0116142	3/8"-16UNC X 1.00" LOW HEAD SHCS (Ni)	6
79	011-0116145	3/8"-16UNC X 1.75" LOW HEAD SHCS (Ni)	2
80	011-0702004	3/8"-16UNC X 1.25" FHCS (Ni)	4
81	011-0416098	10mm X 45mm SHSS (Ni)	1
82	011-0116108	1/2"-13UNC X 1.25" LOW HEAD SHCS (Ni)	2
83	011-0116116	1/2"-13UNC X 3.25" LOW HEAD SHCS (Ni)	2
84	011-0116119	1/2"-13UNC X 4.00" LOW HEAD SHCS (Ni)	2
85	011-0116122	1/2"-13UNC X 4.75" LOW HEAD SHCS (Ni)	2
86	011-0116135	1/2"-13UNC X 8.00" LOW HEAD SHCS (Ni)	4
87	011-0701049	1/2"-13UNC X 1.50" BHCS (Ni)	4
88	011-0702025	1/2"-13UNC X 1.25" FHS (Ni)	2
89	013-1002008	1/4" X 16mm SAE FLAT WASHER (Ni)	4
90	013-1002010	5/16" SAE FLAT WASHER (Ni)	13
91	013-1002007	3/8" X 22mm FLAT WASHER (Ni)	32
92	013-1002006	1/2" X 27mm SAE FLAT WASHER (Ni)	37
93	013-1010003	5/16" INTERNAL LOCK WASHER (Ni)	12
94	013-1006003	3/8" SPLIT LOCK WASHER (Ni)	6
95	013-1006004	1/2" SPLIT LOCK WASHER (Ni)	2
96	012-0504004	1/4"-20 UNC THIN NYLOCK NUT (Ni)	4
97	012-0504010	8M X 1.25 THIN NYLOCK NUT (Ni)	1
98	012-0504005	3/8"-16 UNC THIN NYLOCK NUT (Ni)	18
99	012-0504002	1/2"-13 UNC THIN NYLOCK NUT (Ni)	18
100	021-0003230	DECAL HOIST 1.625" X 6.0613"	2
101	021-0003093	DECAL MOVING PARTS 1.20" X 2.38" (HOR)	2
102	021-0003322	DECAL PINCH POINT 1.25" X 2.31" (VERTICAL)	1
103	021-0003254	DECAL HOIST .92" X 3.43"	1
104	021-0003627	DECAL HOIST 2.07" X 7.75"	1
105	021-0003940	RS WEIGHT STACK DECALS #9	1

# OWNER'S MANUAL

## **PART LIST CONTINUED**

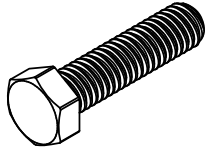
NOTE: SOME OF THESE PARTS MAY COME PRE-INSTALLED

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
106	021-0003875	ROC-IT QR DECAL ROTARY TORSO	1
107	021-0003872	PLACARD RS-1602 ROTARY TORSO	1
108	021-0003880	ROC-IT Range Decal RS1602	1
109	SERIAL # DECAL	DECAL HOIST SERIAL # 1.63" X 2.63"	1
110	021-0003879	ROC-IT RANGE DECAL 1-6	1
111	021-0003877	PLACARD ROC-IT ROTARY TORSO OPT R	1
112	021-0003881	ROC-N-LOC DECALS	1

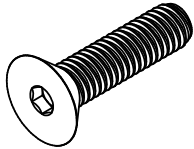
# OWNER'S MANUAL

## ABBREVIATIONS

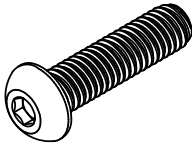
BZ = Black Zinc  
Ni = Nickel Plated  
WZ = White Zinc  
SS = Stainless Steel



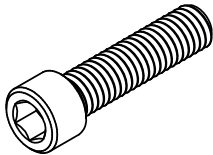
HHB = Hex Head Bolt



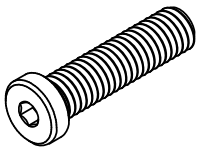
FHCS = Flat Head Cap Screw



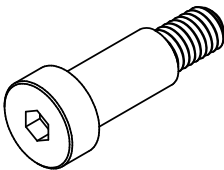
BHCS = Button Head Cap Screw



SHCS = Socket Head Cap Screw



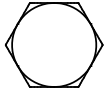
Low Head SHCS = Low Head Socket  
Head Cap Screw



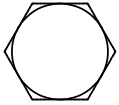
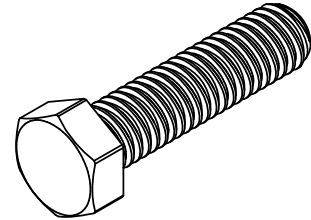
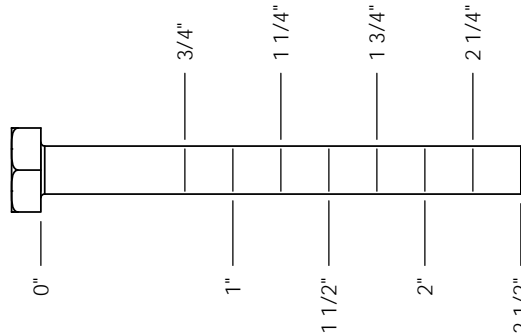
SHSS = Socket Head Shoulder Screw

# OWNER'S MANUAL

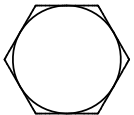
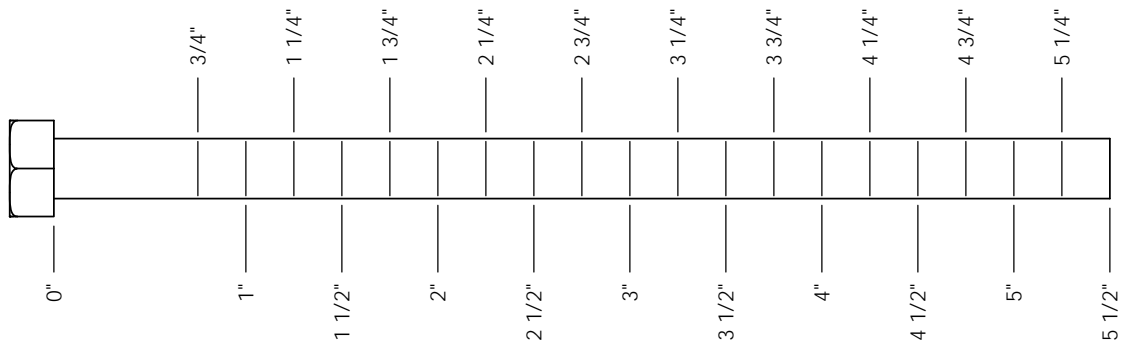
## BOLT SIZING CHART HEX HEAD BOLT



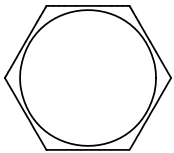
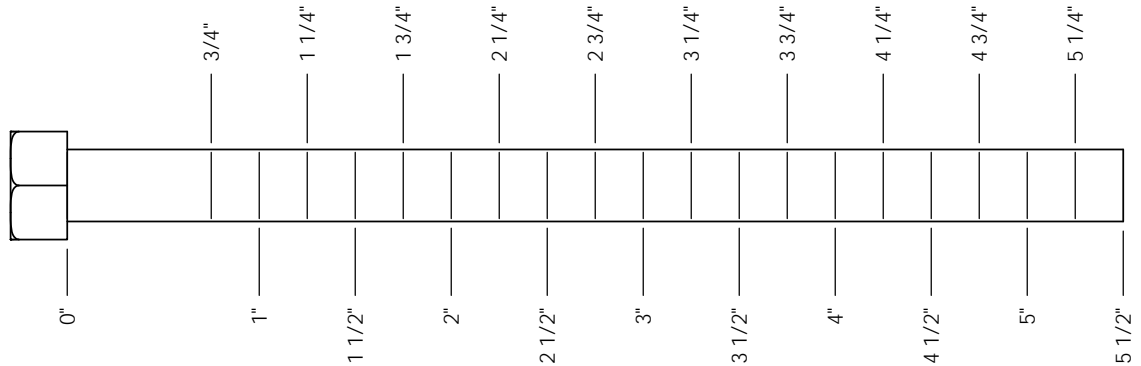
1/4" HHB  
RECOMMENDED  
TORQUE RANGE:  
6-8 ft-lbs



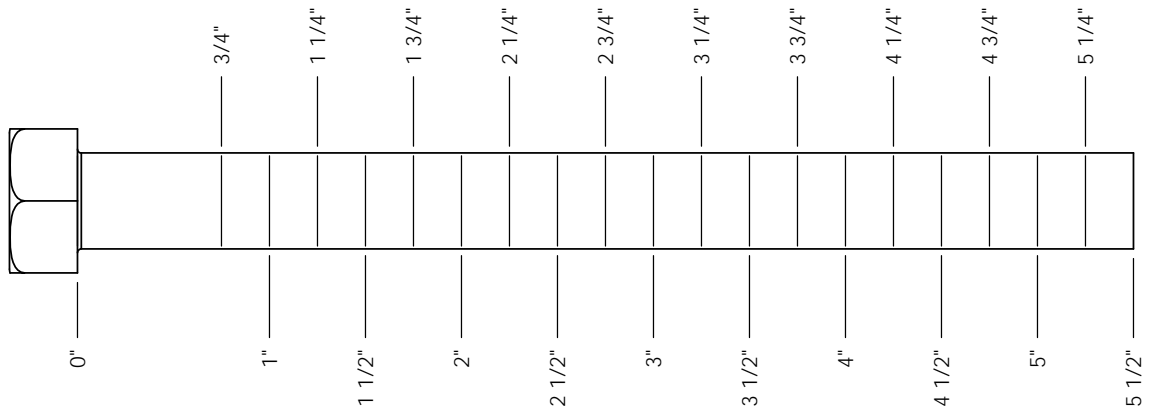
5/16" HHB  
RECOMMENDED  
TORQUE RANGE:  
14-17 ft-lbs



3/8" HHB  
RECOMMENDED  
TORQUE RANGE:  
24-30 ft-lbs



1/2" HHB  
RECOMMENDED  
TORQUE RANGE:  
60-75 ft-lbs

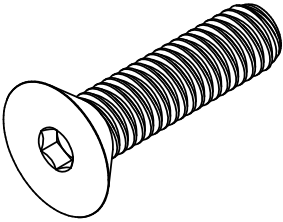
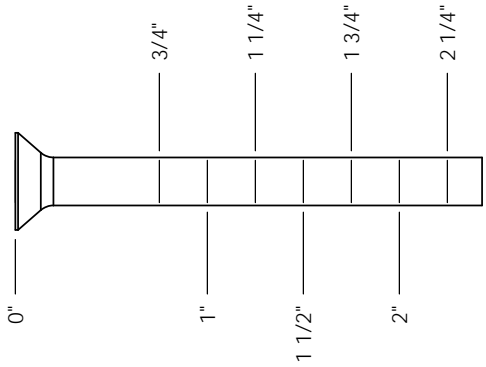


# OWNER'S MANUAL

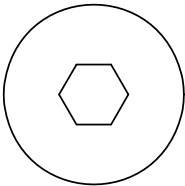
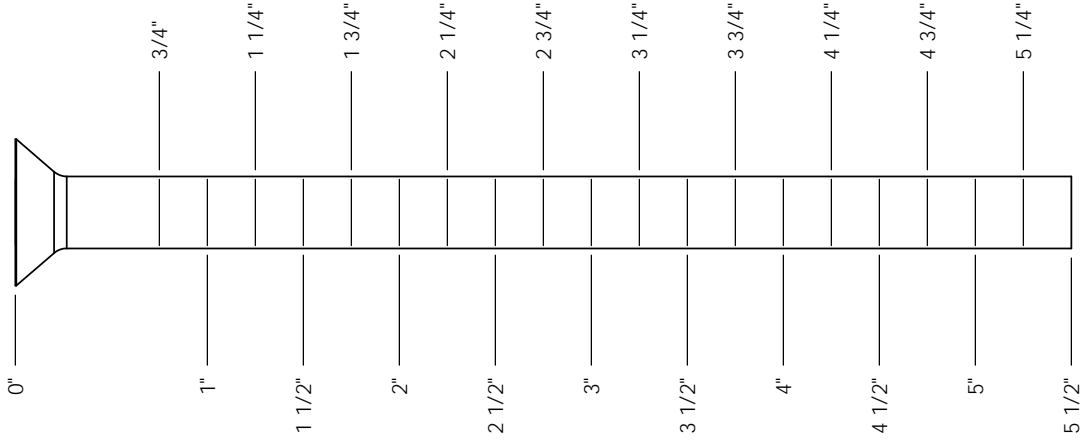
## BOLT SIZING CHART FLAT HEAD CAP SCREW



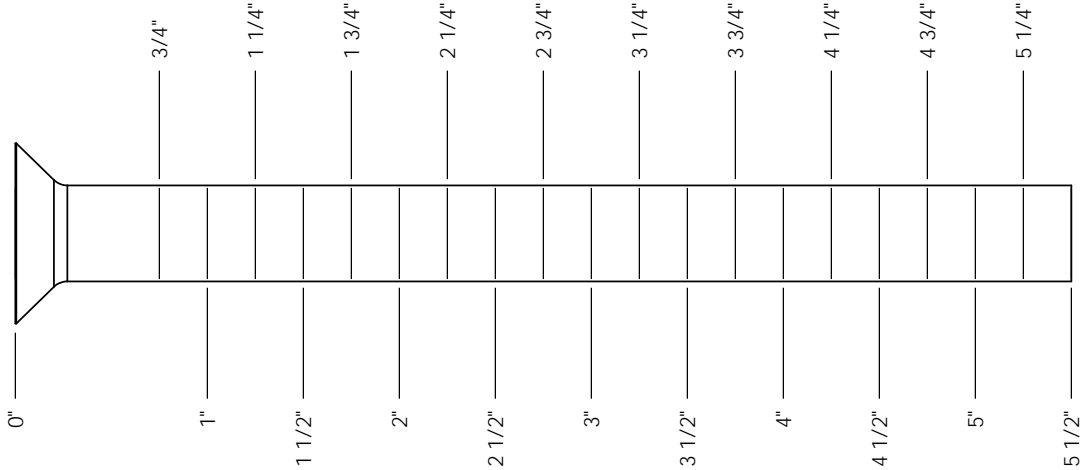
1/4" FHCS  
RECOMMENDED  
TORQUE RANGE:  
5-7 ft-lbs



3/8" FHCS  
RECOMMENDED  
TORQUE RANGE:  
19-26 ft-lbs



1/2" FHCS  
RECOMMENDED  
TORQUE RANGE:  
47-65 ft-lbs

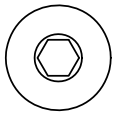
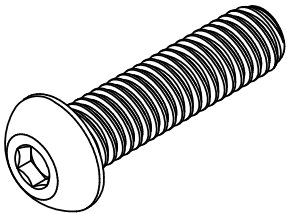
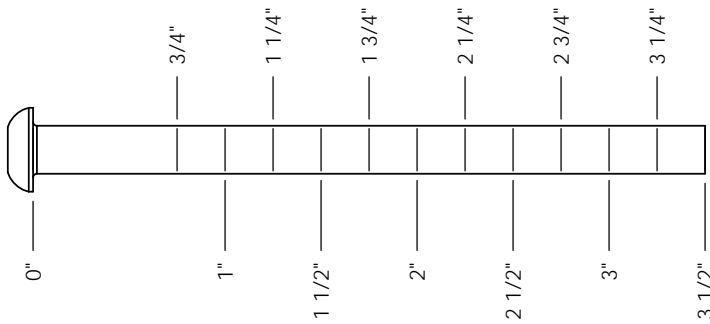


OWNER'S MANUAL

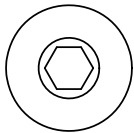
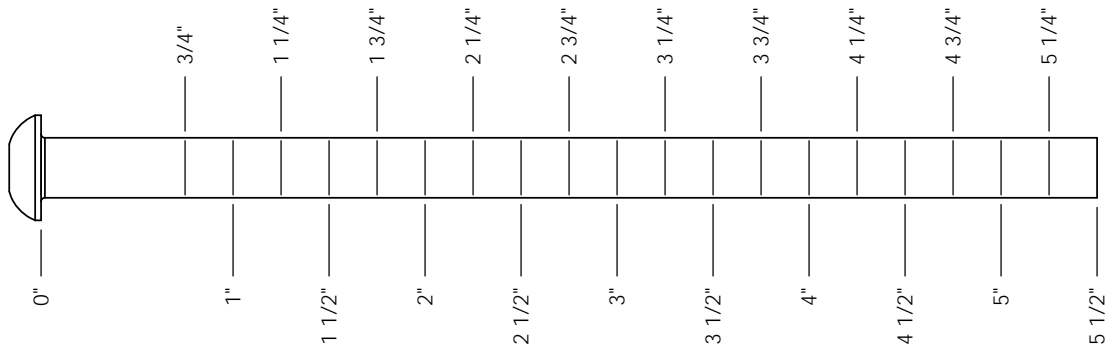
BOLT SIZING CHART  
BUTTON HEAD CAP SCREW



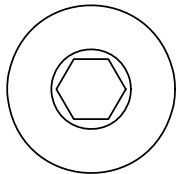
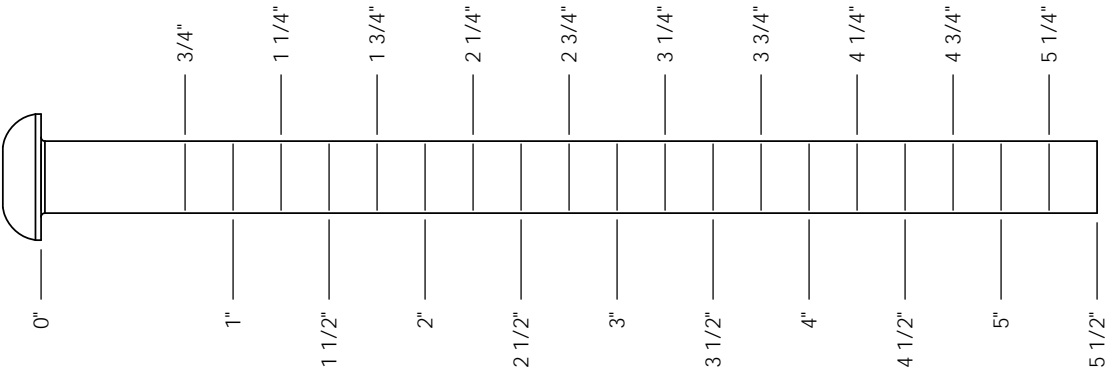
1/4" BHCS  
RECOMMENDED  
TORQUE RANGE:  
5-7 ft-lbs



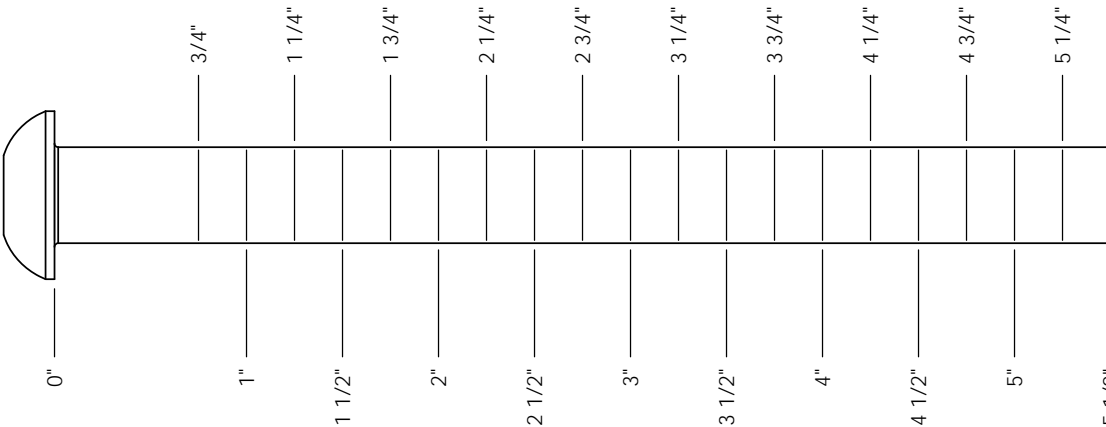
5/16" BHCS  
RECOMMENDED  
TORQUE RANGE:  
11-15 ft-lbs



3/8" BHCS  
RECOMMENDED  
TORQUE RANGE:  
19-26 ft-lbs



1/2" BHCS  
RECOMMENDED  
TORQUE RANGE:  
47-65 ft-lbs

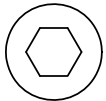
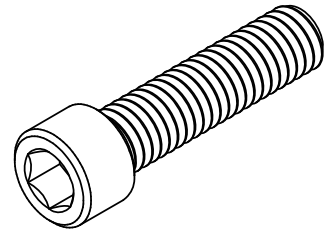
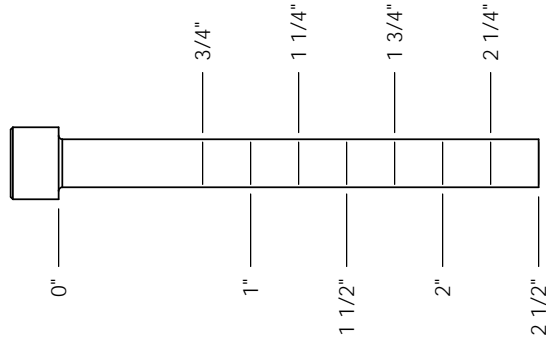


# OWNER'S MANUAL

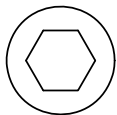
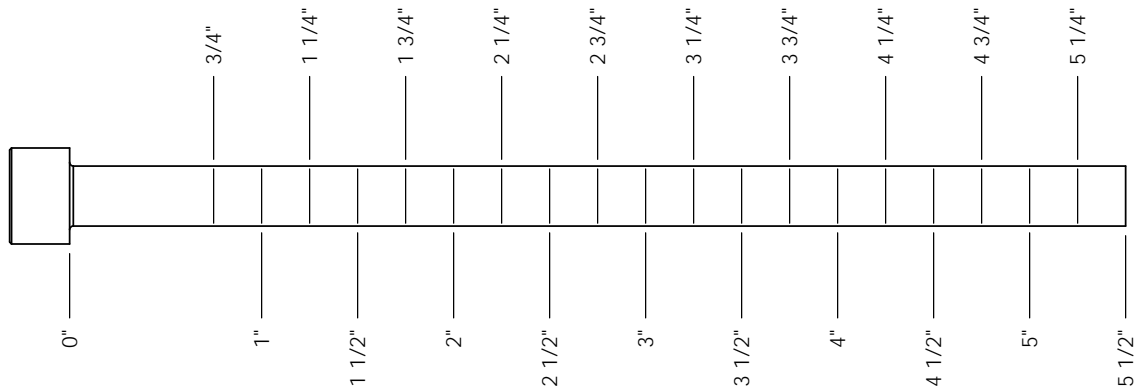
## BOLT SIZING CHART SOCKET HEAD CAP SCREW



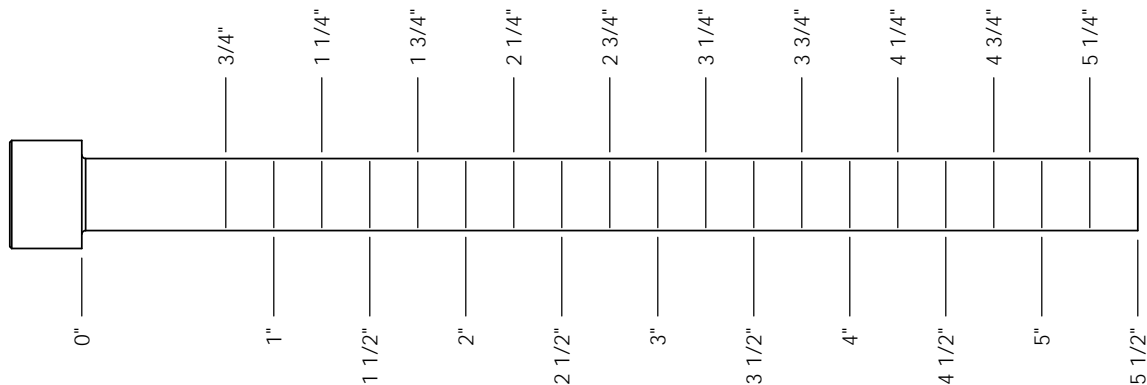
1/4" SHCS  
RECOMMENDED  
TORQUE RANGE:  
11-14 ft-lbs



5/16" SHCS  
RECOMMENDED  
TORQUE RANGE:  
23-29 ft-lbs



3/8" SHCS  
RECOMMENDED  
TORQUE RANGE:  
39-49 ft-lbs



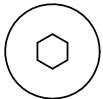
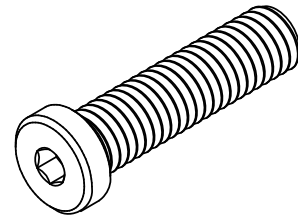
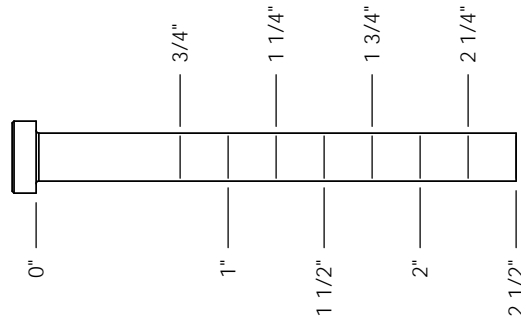
# OWNER'S MANUAL

## BOLT SIZING CHART LOW HEAD SOCKET HEAD CAP SCREW



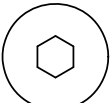
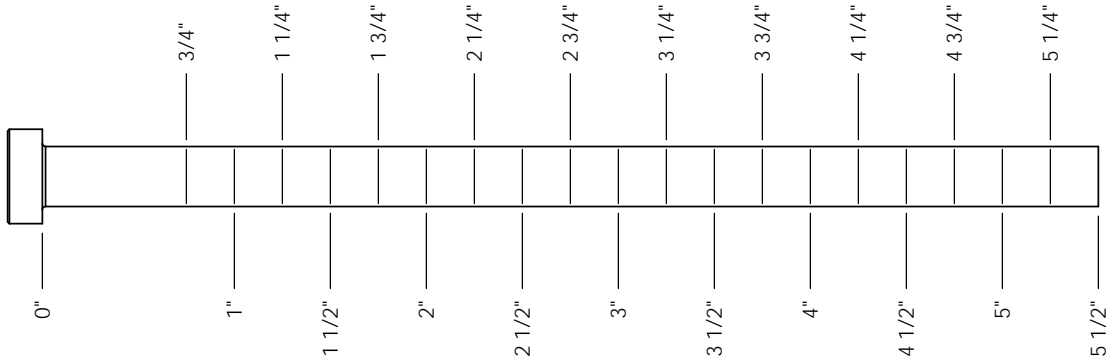
1/4"  
LOW HEAD  
SHCS

RECOMMENDED  
TORQUE RANGE:  
4-6 ft-lbs



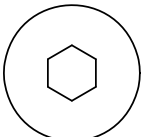
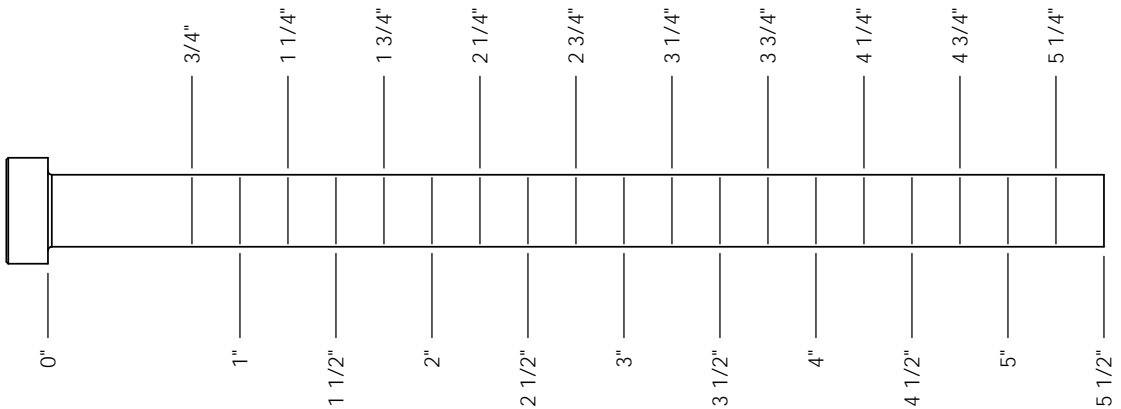
5/16"  
LOW HEAD  
SHCS

RECOMMENDED  
TORQUE RANGE:  
9-12 ft-lbs



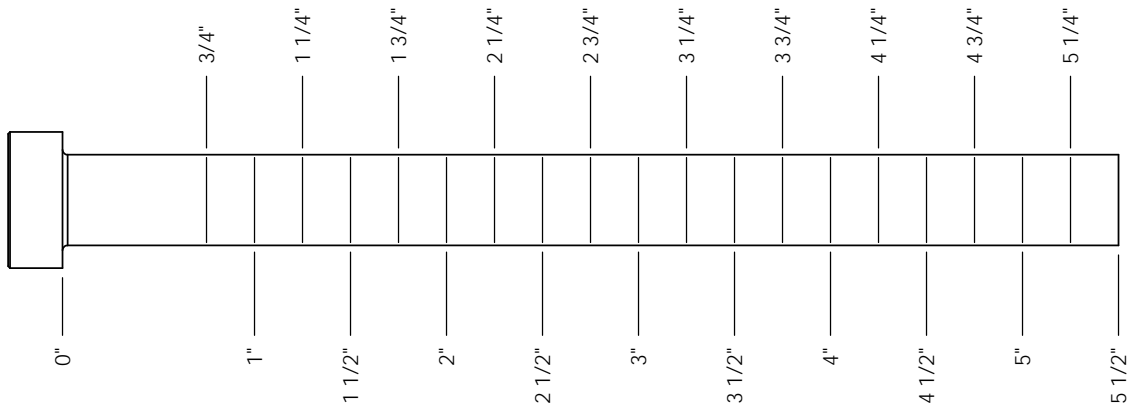
3/8"  
LOW HEAD  
SHCS

RECOMMENDED  
TORQUE RANGE:  
18-23 ft-lbs



1/2"  
LOW HEAD  
SHCS

RECOMMENDED  
TORQUE RANGE:  
40-50 ft-lbs

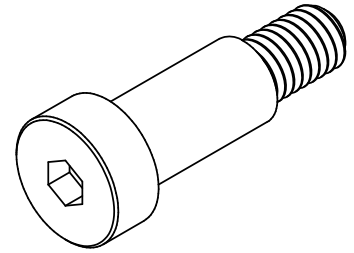
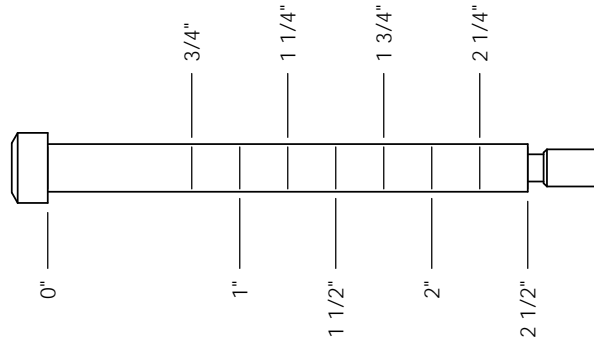


# OWNER'S MANUAL

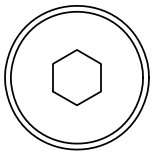
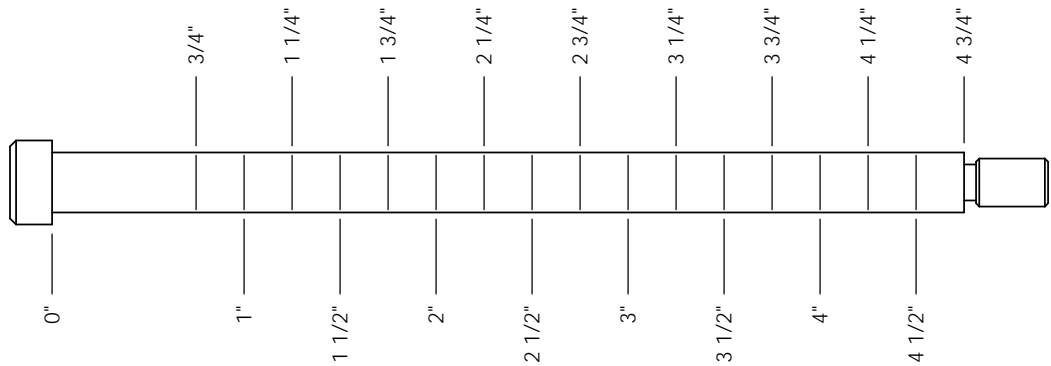
## BOLT SIZING CHART SOCKET HEAD SHOULDER SCREW



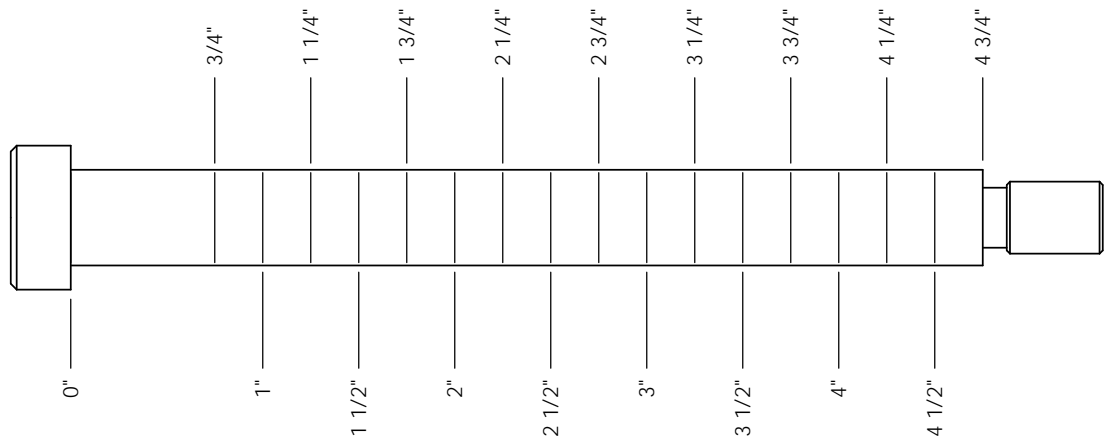
1/4" SHSS  
RECOMMENDED  
TORQUE RANGE:  
3-4 ft-lbs



5/16" SHSS  
RECOMMENDED  
TORQUE RANGE:  
8-10 ft-lbs



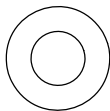
3/8" SHSS  
RECOMMENDED  
TORQUE RANGE:  
17-22 ft-lbs



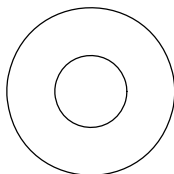
# OWNER'S MANUAL

## WASHER SIZING CHART

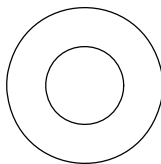
013-0002003  
1/4"  
FLAT WASHER  
SMALL, SAE, 13mm



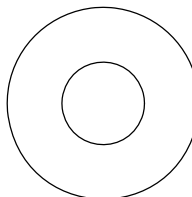
013-0102004  
5/16"  
FLAT WASHER  
LARGE, USS, 22mm



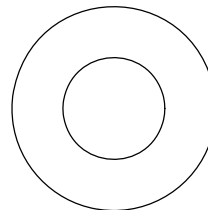
013-0002004  
3/8"  
FLAT WASHER  
SMALL, SAE, 21mm



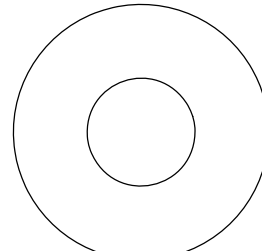
013-0402005  
3/8"  
FLAT WASHER  
LARGE, USS, 25mm



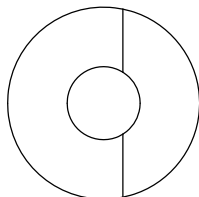
013-0102003  
1/2"  
FLAT WASHER  
SMALL, SAE, 27mm



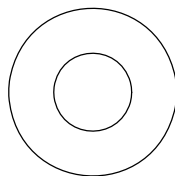
013-0102026  
1/2"  
FLAT WASHER  
LARGE, USS, 34mm



013-0102028  
3/8"  
CURVED WASHER



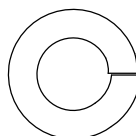
013-0402007  
3/8"  
FLAT WASHER  
22mm O.D.



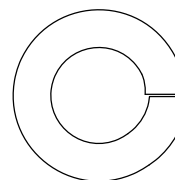
013-0102019  
1/4"  
LOCK WASHER



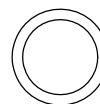
013-0102020  
3/8"  
LOCK WASHER



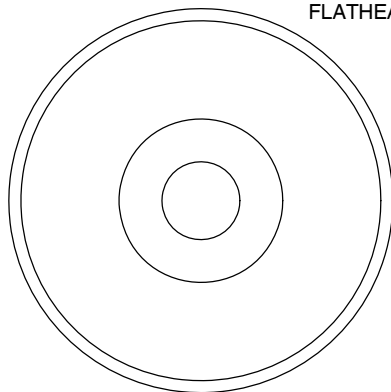
013-0102018  
1/2"  
LOCK WASHER



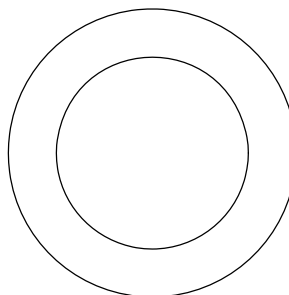
014-0018001  
1/2" LONG  
SPACER



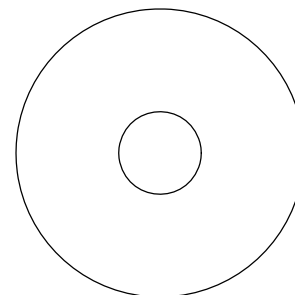
026-01M0238  
2" ALUMINUM  
FLATHEAD CAP



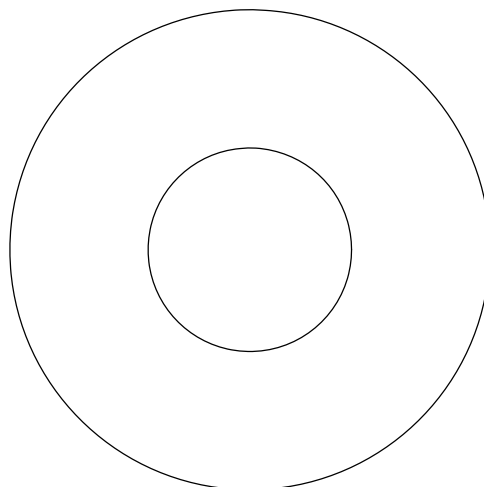
016-0009003  
1" SHIM WASHER



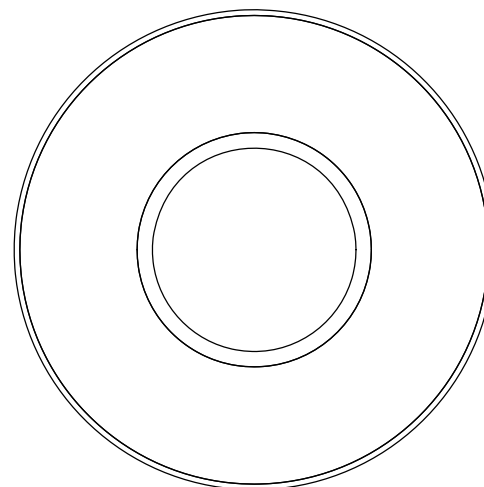
013-0003002  
3/8" FENDER WASHER



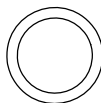
013-0003004  
1 1/16"  
FENDER WASHER



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



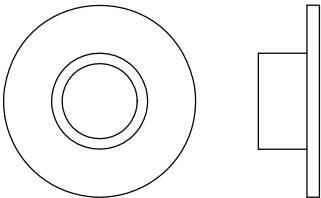
014-0018002  
1" LONG  
SPACER



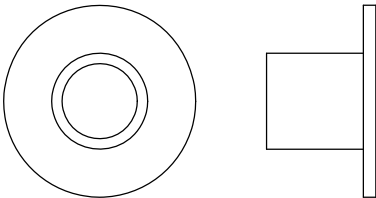
OWNER'S MANUAL

WASHER SIZING CHART  
(CONTINUED)

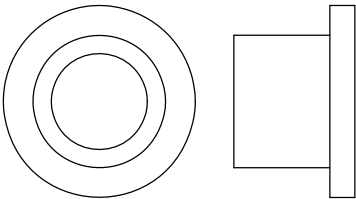
026-01M0211  
1/4" LONG  
FLANGED SPACER



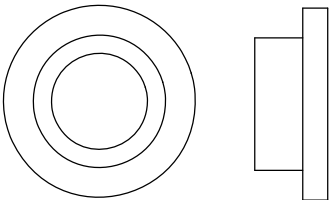
026-01M0198  
1/2" LONG  
FLANGED SPACER



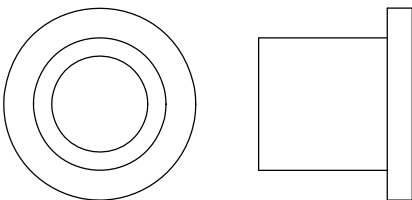
026-01M0760  
1/2" LONG HEAVY  
FLANGED SPACER



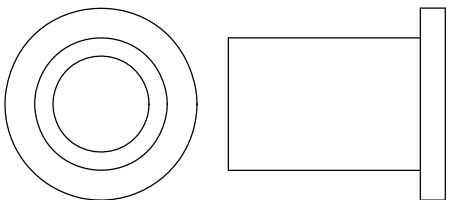
026-01M211T  
1/4" LONG HEAVY  
FLANGED SPACER



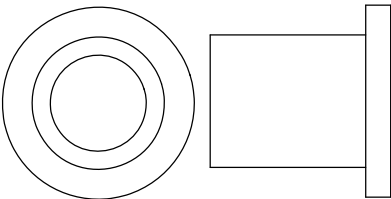
026-01M0532  
11/16" LONG HEAVY  
FLANGED SPACER



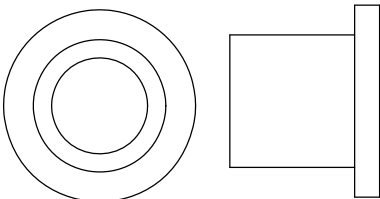
026-01M0551  
1" LONG HEAVY  
FLANGED SPACER



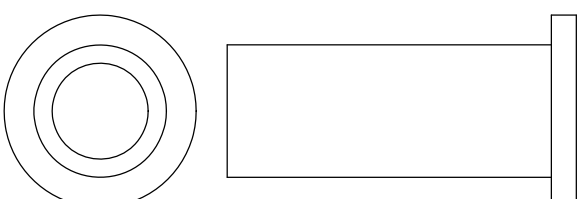
026-01M0788  
.81" LONG HEAVY  
FLANGED SPACER



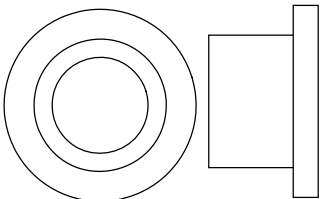
026-01M0780  
.65" LONG HEAVY  
FLANGED SPACER



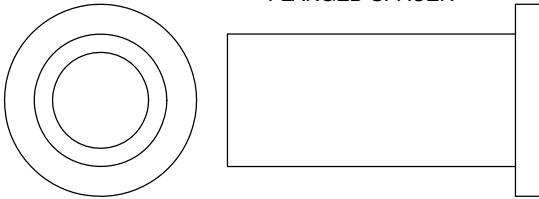
026-01M0761  
1 11/16" LONG HEAVY  
FLANGED SPACER



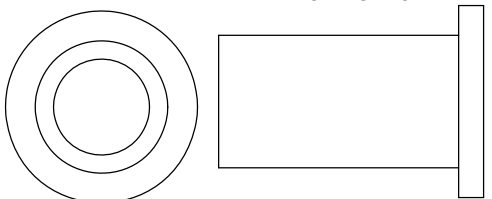
026-01M0789  
.44" LONG HEAVY  
FLANGED SPACER



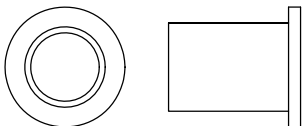
026-01M0762  
1 1/2" LONG HEAVY  
FLANGED SPACER



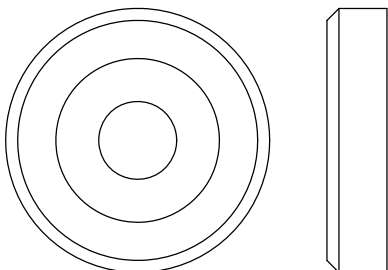
026-01M0768  
1 1/4" LONG HEAVY  
FLANGED SPACER



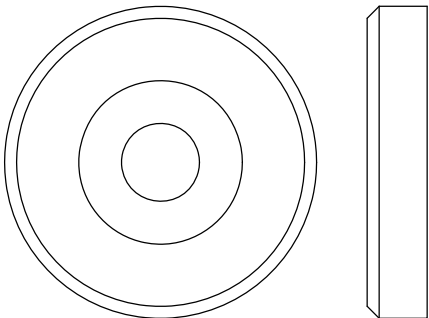
026-01M0600  
.625" LONG  
FLANGED SPACER



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



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



# OWNER'S MANUAL

## MAINTENANCE SCHEDULE

<i>ROUTINE</i>	<i>COMMERCIAL / LIGHT COMMERCIAL MAINTENANCE</i>	<i>HOME MAINTENANCE</i>	<i>LATEST DATE ENTRY</i>									
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.*

# 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-1602 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-1602 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-1602 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.

**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**