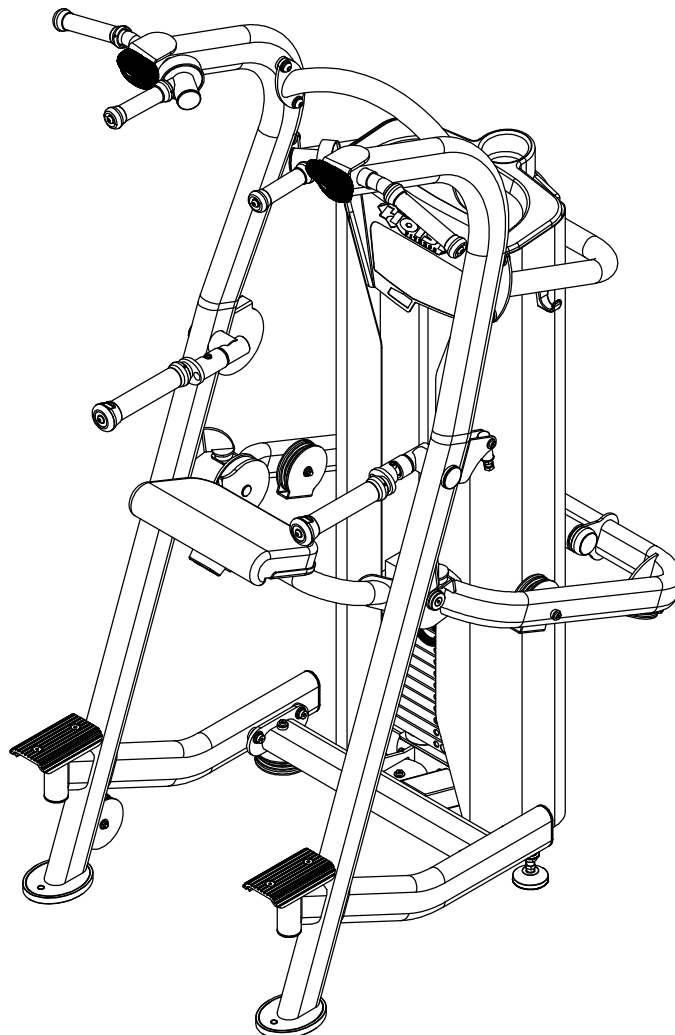


# OWNER'S MANUAL



## HD-3701 KNEELING CHIN / DIP ASSIST



### **\*\*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**

**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

## CONTENTS

INSTRUCTIONS .....	02
FRAME ASSEMBLY .....	04
PRE-ASSEMBLY.....	24
DECAL PLACEMENT.....	27
DECAL REFERENCE.....	28
PART LIST.....	30
ABBREVIATIONS.....	34
BOLT SIZING CHART.....	35
WASHER SIZING CHART.....	36
MAINTENANCE SCHEDULE.....	38
GENERAL MAINTENANCE INFORMATION.....	39
WEIGHT TRAINING TIPS.....	40
WEIGHT RATIOS.....	41
EXERCISE LOG.....	42
LIMITED WARRANTY.....	43

# **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**

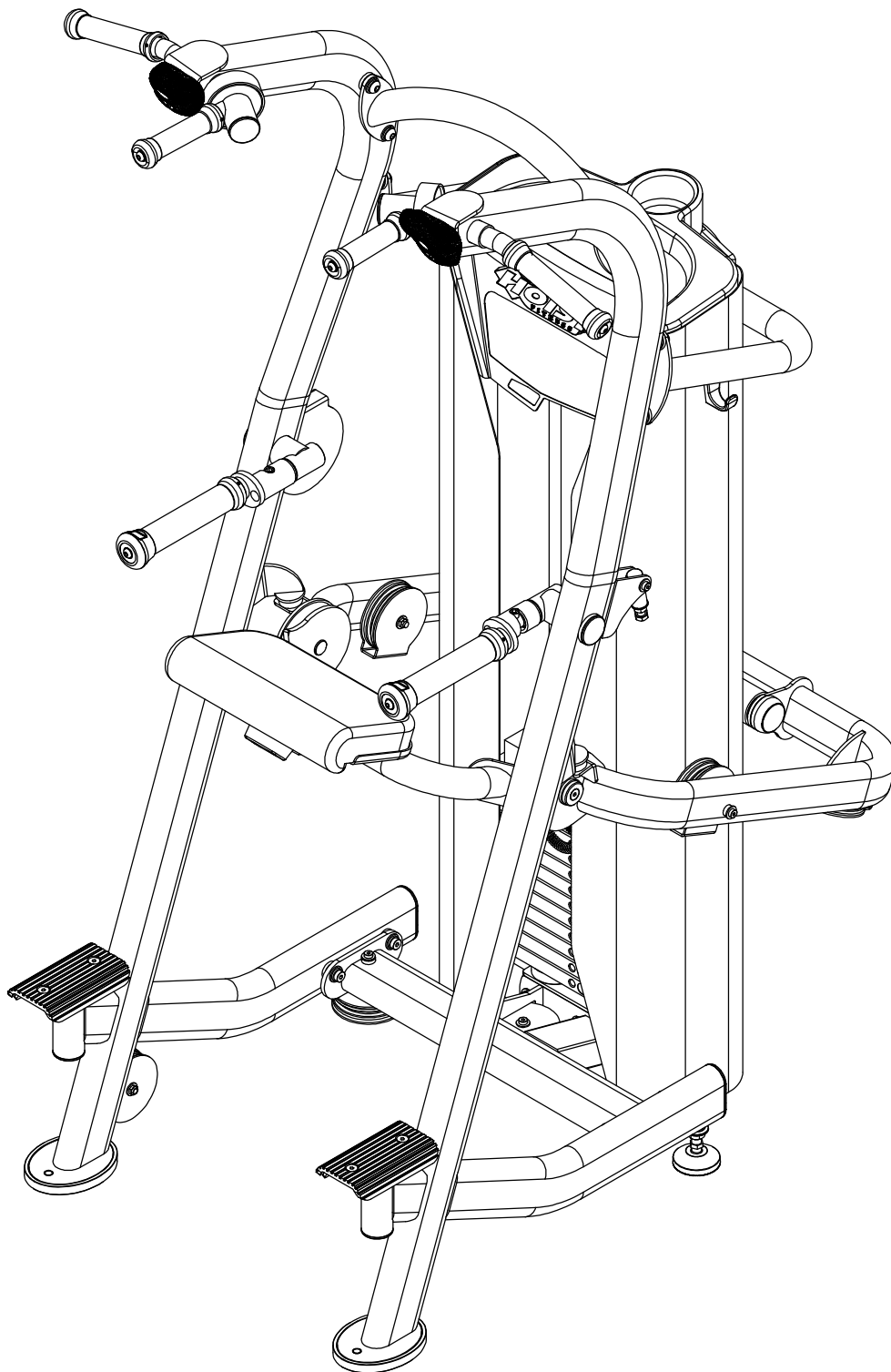
**Two People**

# **OWNER'S MANUAL**

\*\*\*THIS PAGE WAS INTENTIONALLY LEFT BLANK\*\*\*

# OWNER'S MANUAL

## FRAME ASSEMBLY

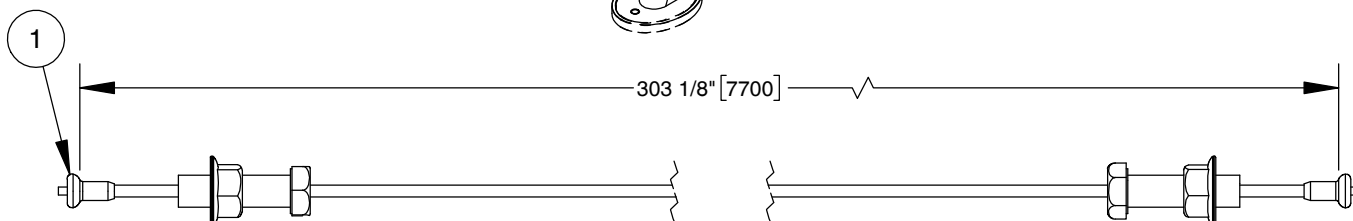
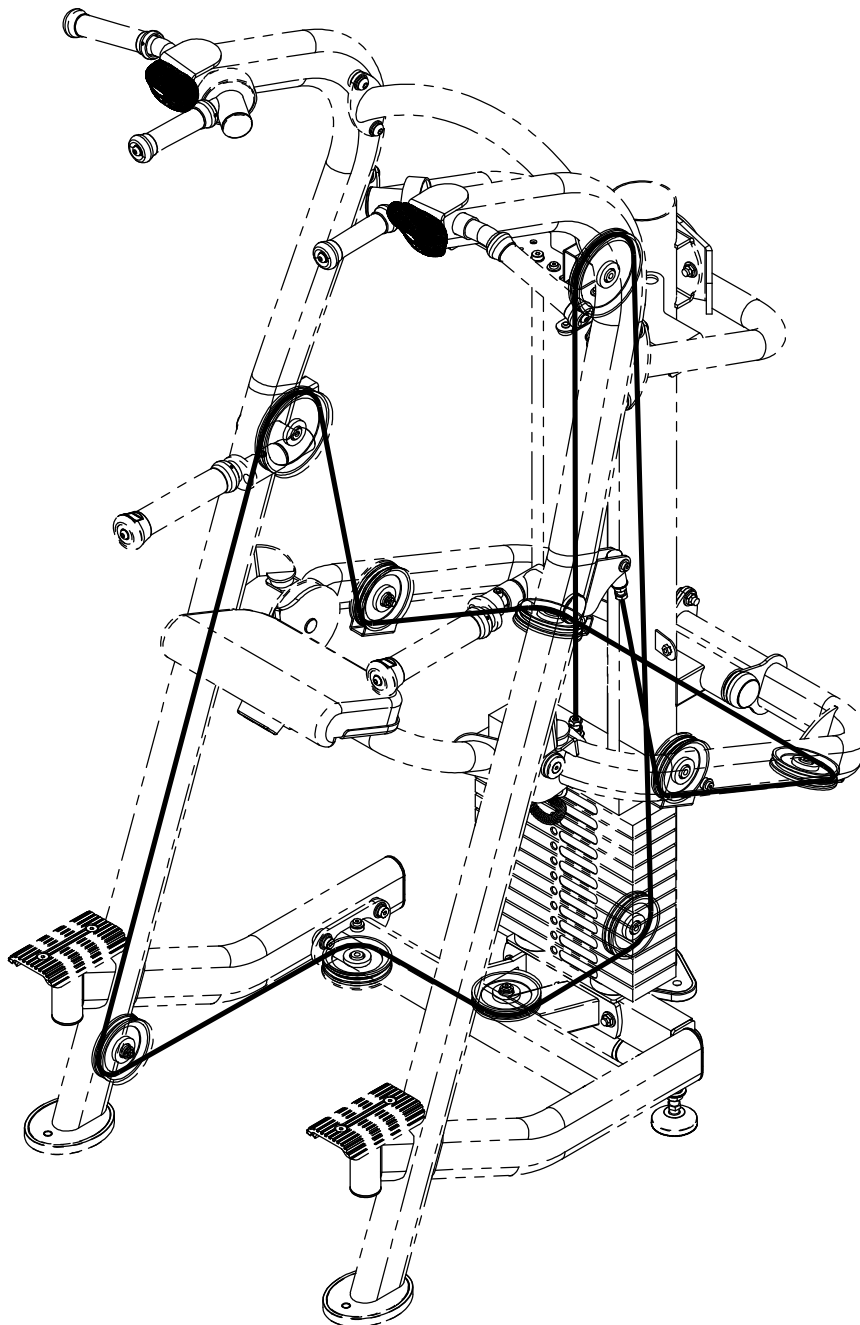


# OWNER'S MANUAL

## FRAME ASSEMBLY

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

### CABLE PROFILE VIEW

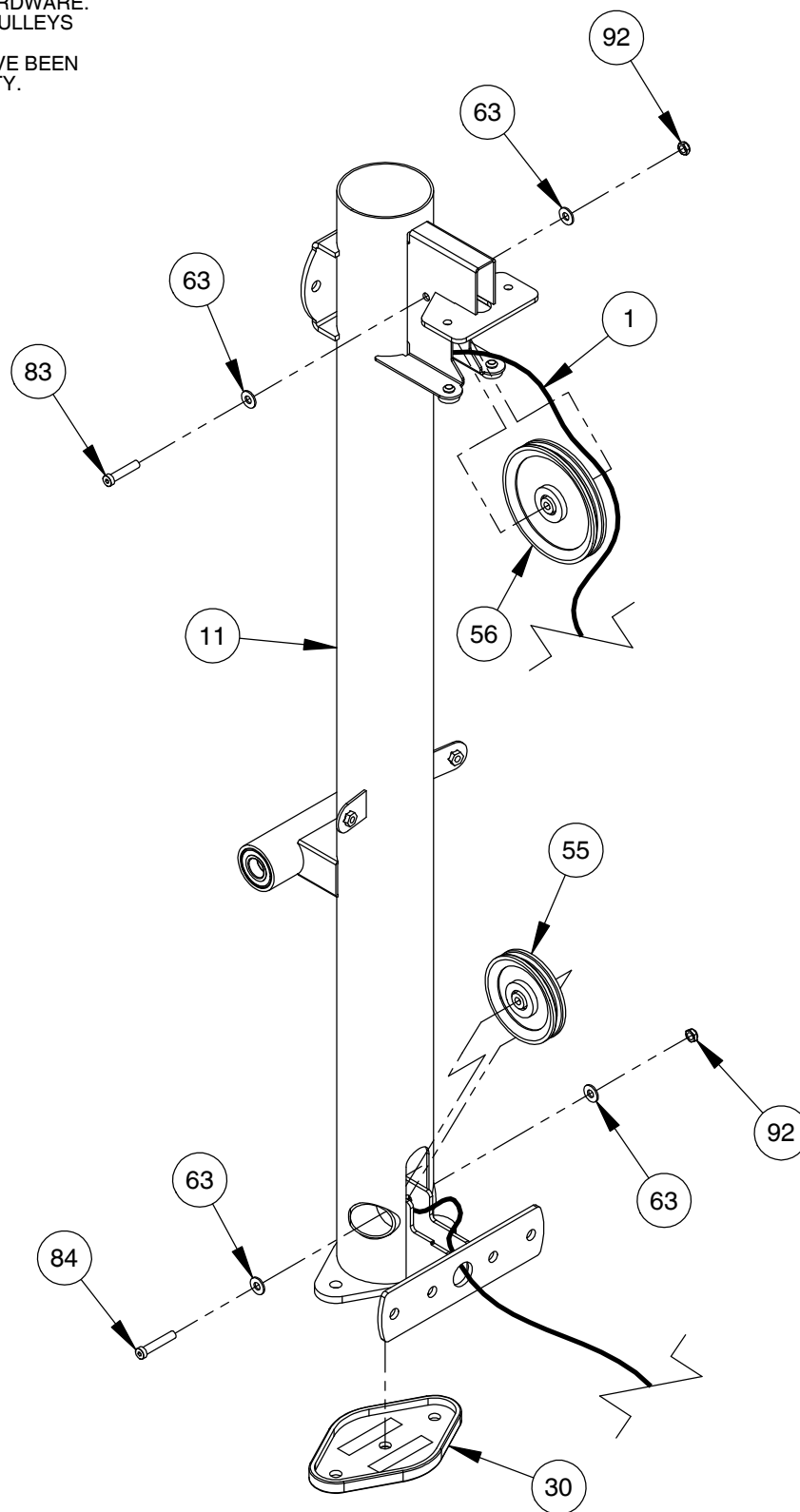


# OWNER'S MANUAL

## FRAME ASSEMBLY

**NOTE:**

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

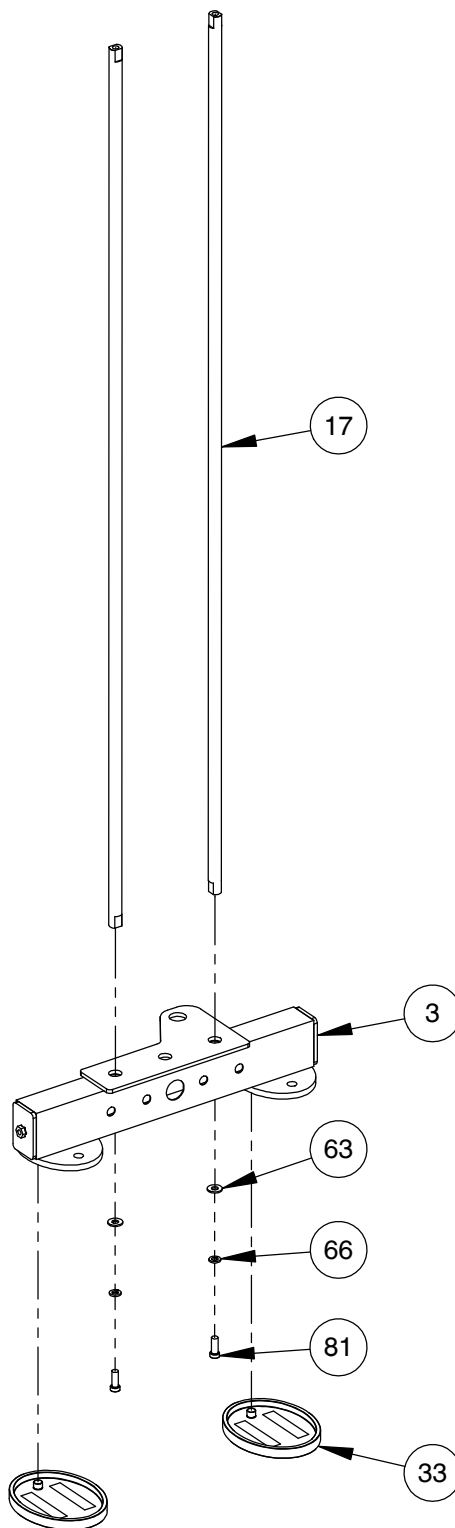


# OWNER'S MANUAL

## FRAME ASSEMBLY

NOTE:

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

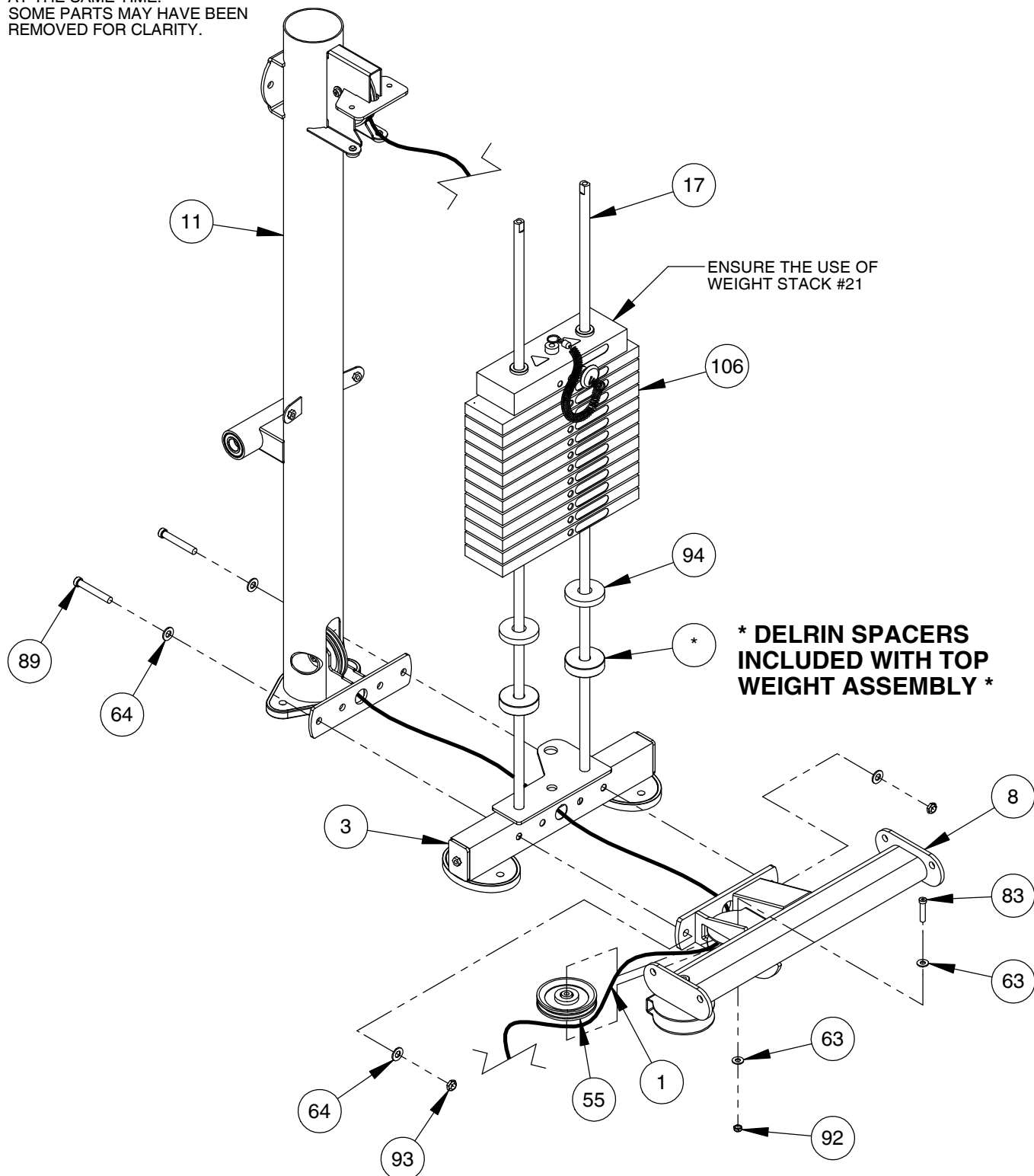


# OWNER'S MANUAL

## FRAME ASSEMBLY

**NOTE:**

- WRENCH TIGHTEN HARDWARE (83).
- HAND TIGHTEN ALL OTHER HARDWARE.
- INSTALL CABLE AND PULLEYS AT THE SAME TIME.
- SOME PARTS MAY HAVE BEEN REMOVED FOR CLARITY.

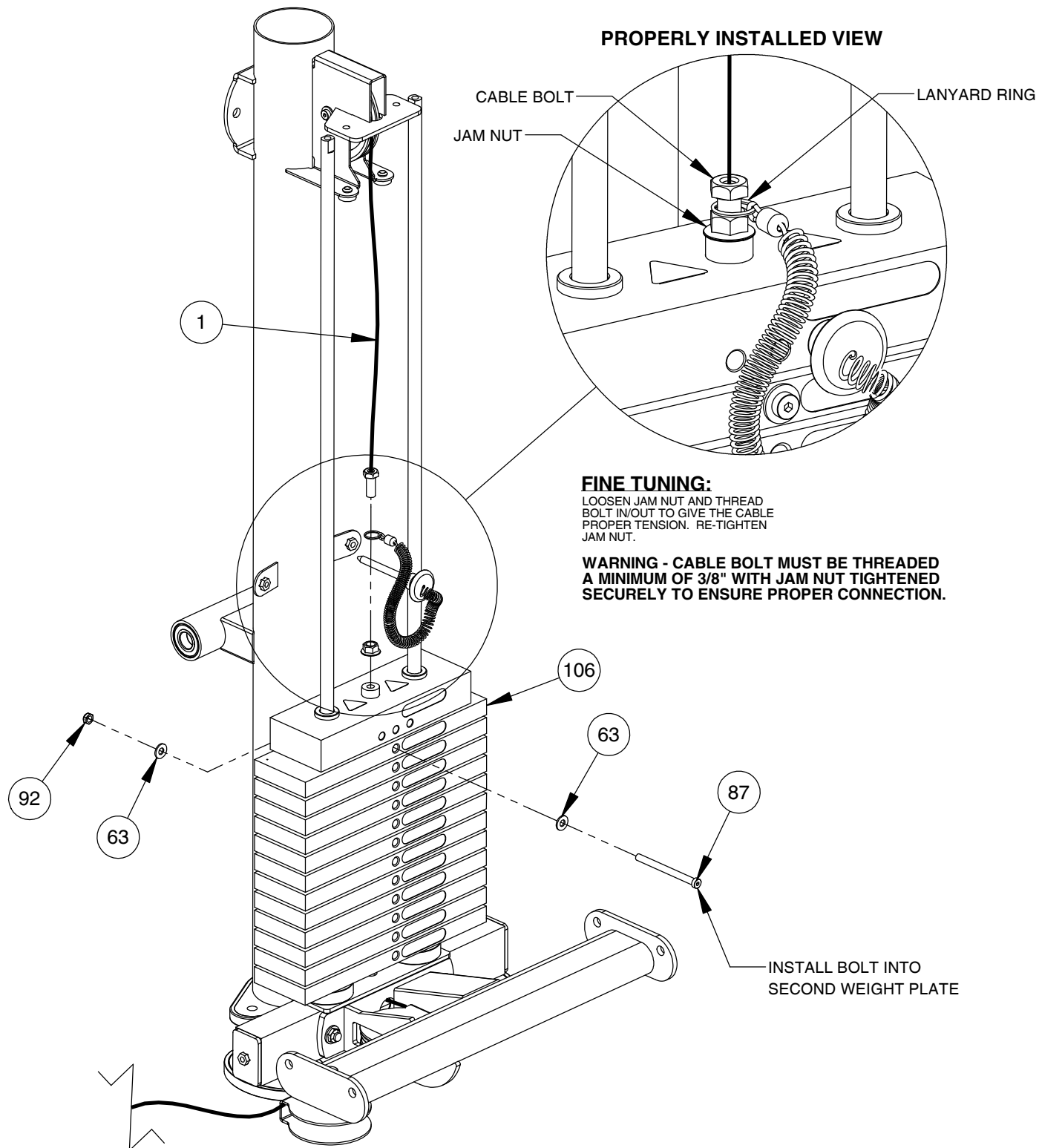


# OWNER'S MANUAL

## FRAME ASSEMBLY

**NOTE:**

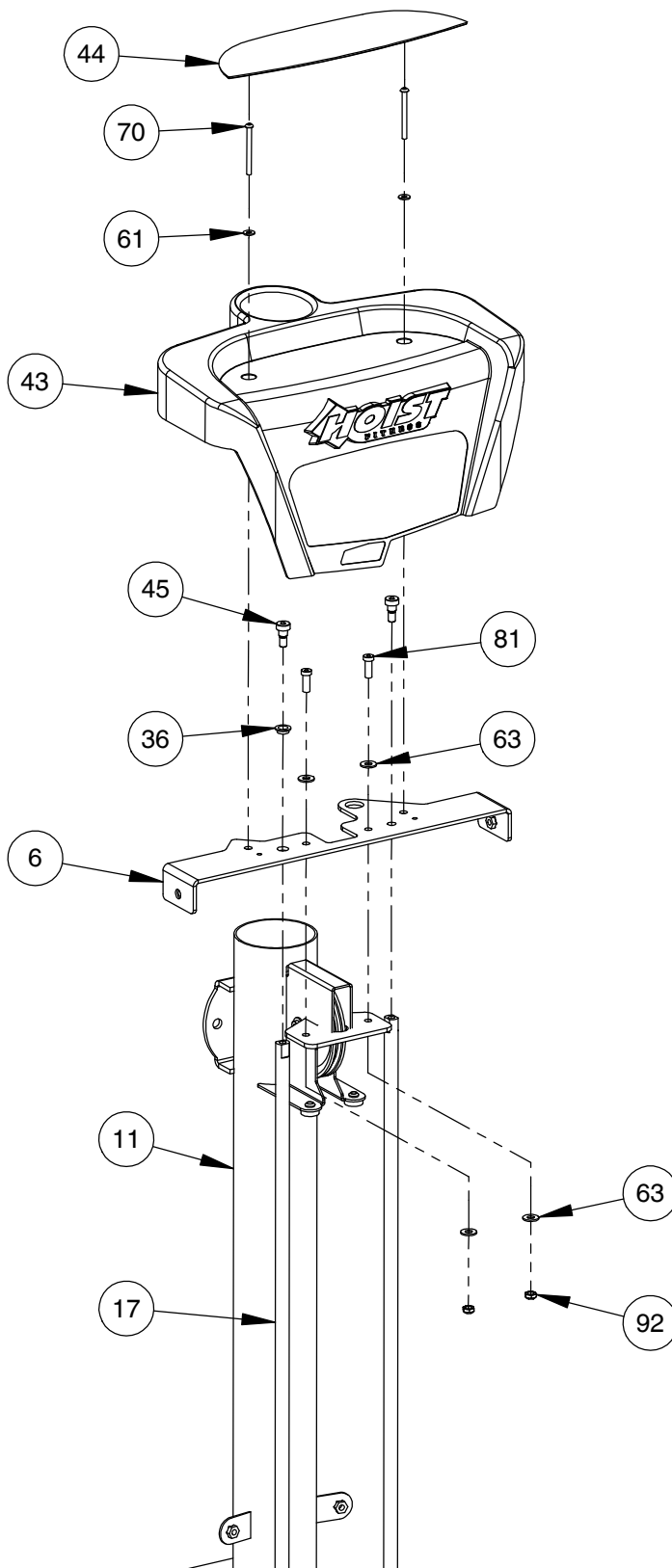
- WRENCH TIGHTEN HARDWARE.
- SOME PARTS MAY HAVE BEEN REMOVED FOR CLARITY.



# OWNER'S MANUAL

## FRAME ASSEMBLY

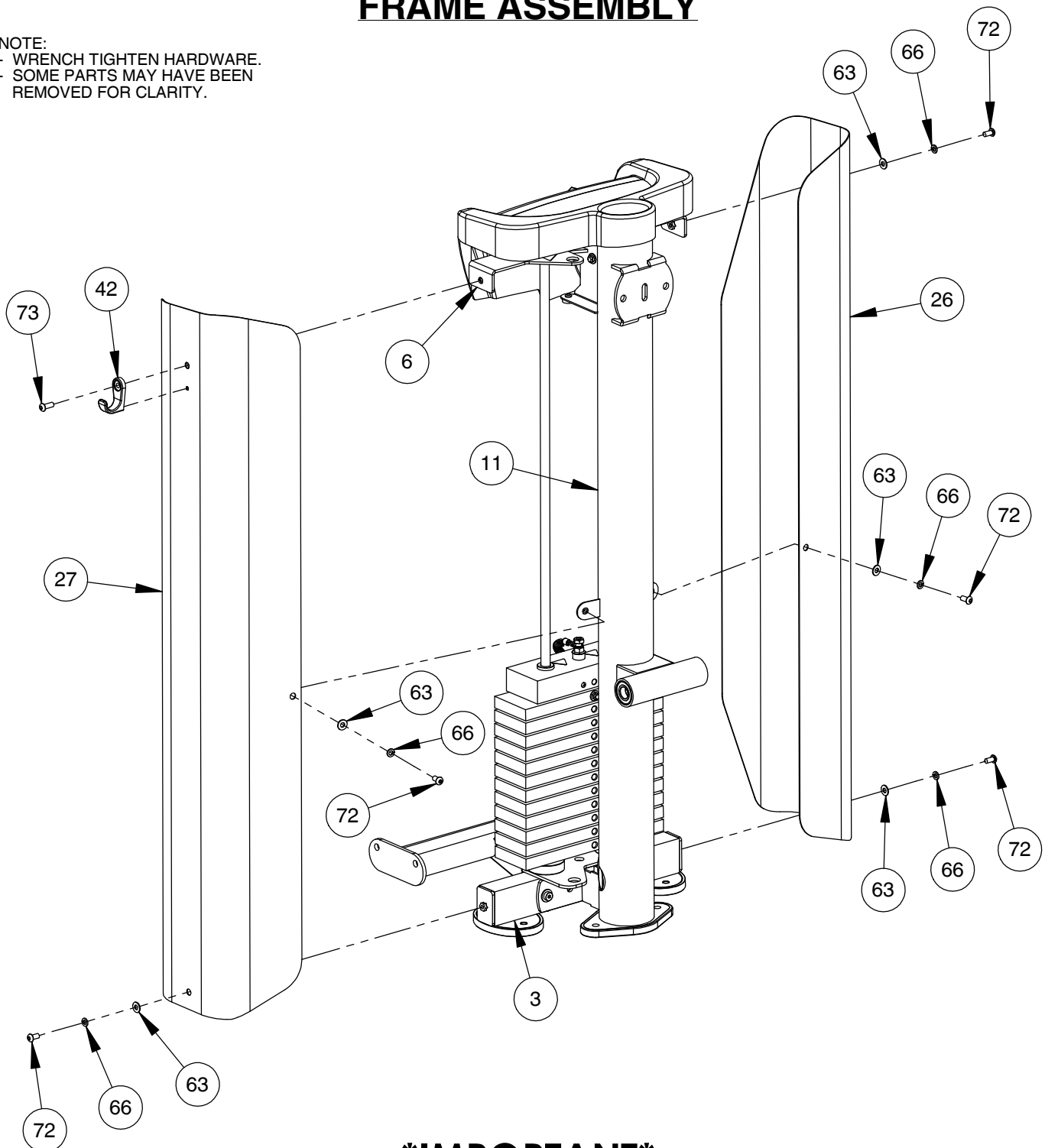
NOTE:  
- WRENCH TIGHTEN HARDWARE.  
- SOME PARTS MAY HAVE BEEN  
REMOVED FOR CLARITY.



# OWNER'S MANUAL

## FRAME ASSEMBLY

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



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

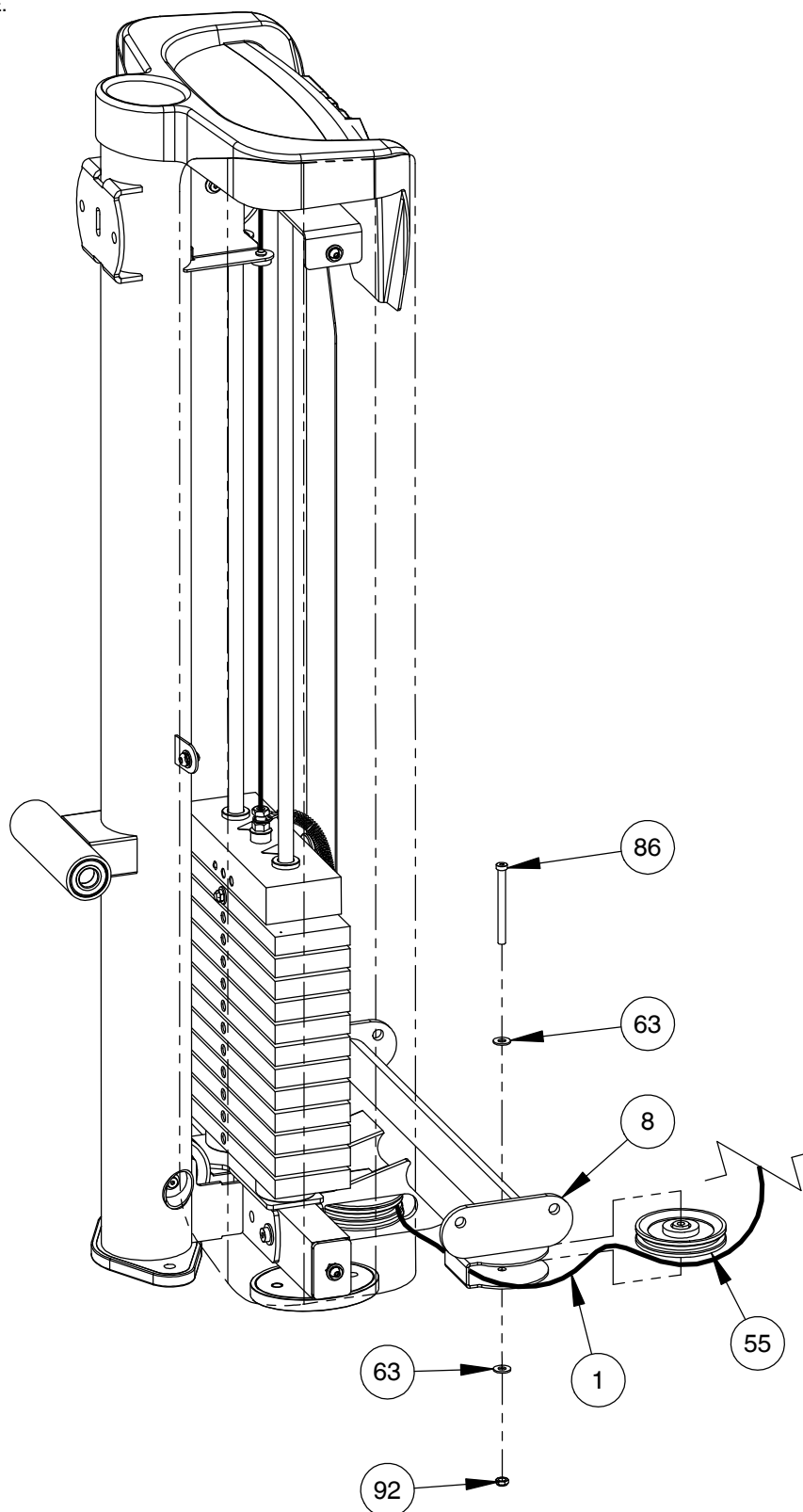
AT THIS STEP, TAKE TIME TO ASSURE THAT YOUR UNIT IS ASSEMBLED SQUARE AND PERPENDICULAR. USE A LEVEL TO CHECK THAT THE GUIDE RODS ARE PERPENDICULAR IN BOTH DIRECTIONS. IF THEY ARE NOT PERPENDICULAR IN BOTH DIRECTIONS, IT WILL BE NECESSARY TO LOOSEN SOME FRAME HARDWARE TO RE-ALIGN THE FRAME AND RETIGHTEN BOLTS.

# OWNER'S MANUAL

## FRAME ASSEMBLY

NOTE:

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

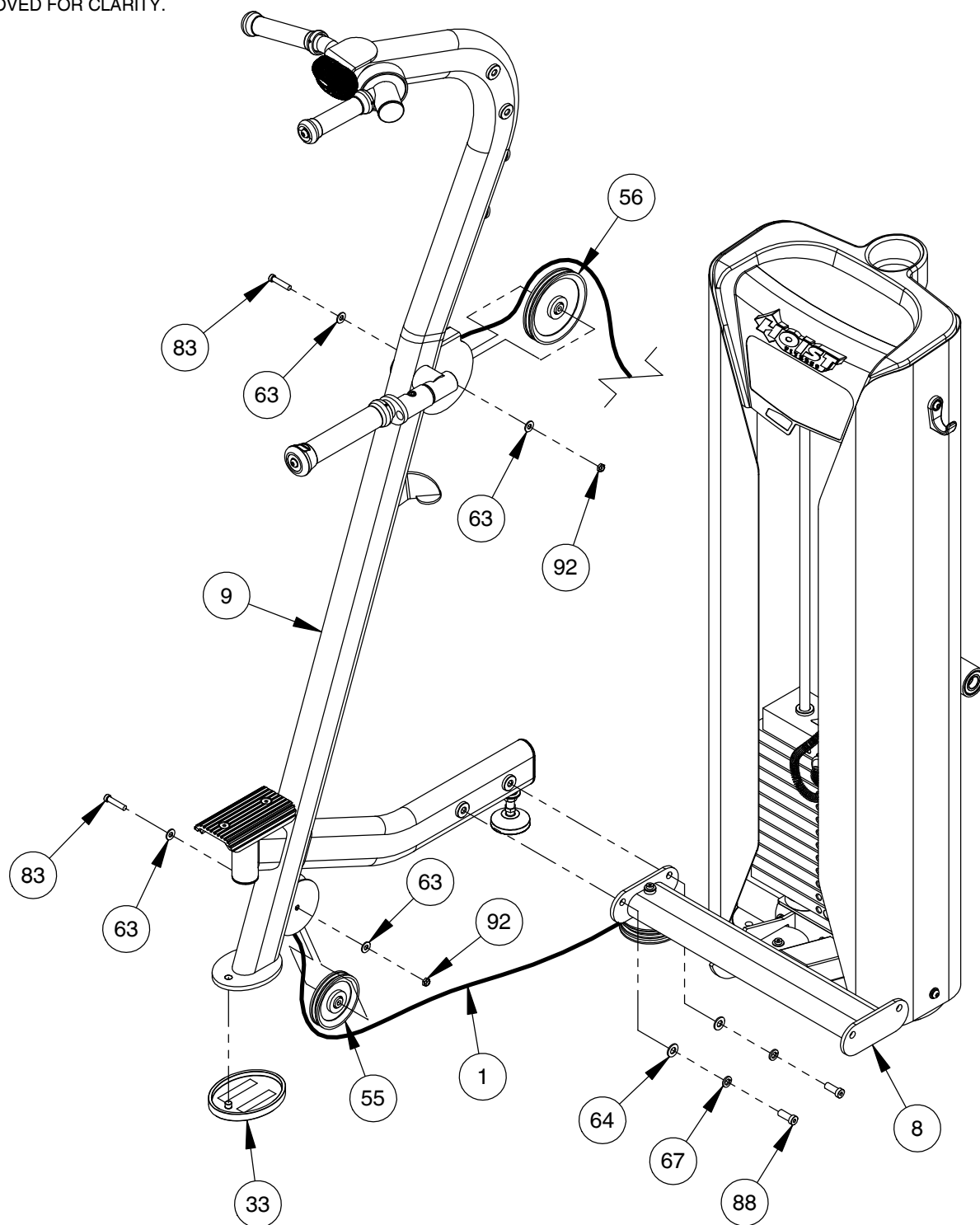


# OWNER'S MANUAL

## FRAME ASSEMBLY

NOTE:

- HAND TIGHTEN HARDWARE (88).
- WRENCH TIGHTEN ALL OTHER HARDWARE.
- INSTALL CABLE AND PULLEYS AT THE SAME TIME.
- SOME PARTS MAY HAVE BEEN REMOVED FOR CLARITY.

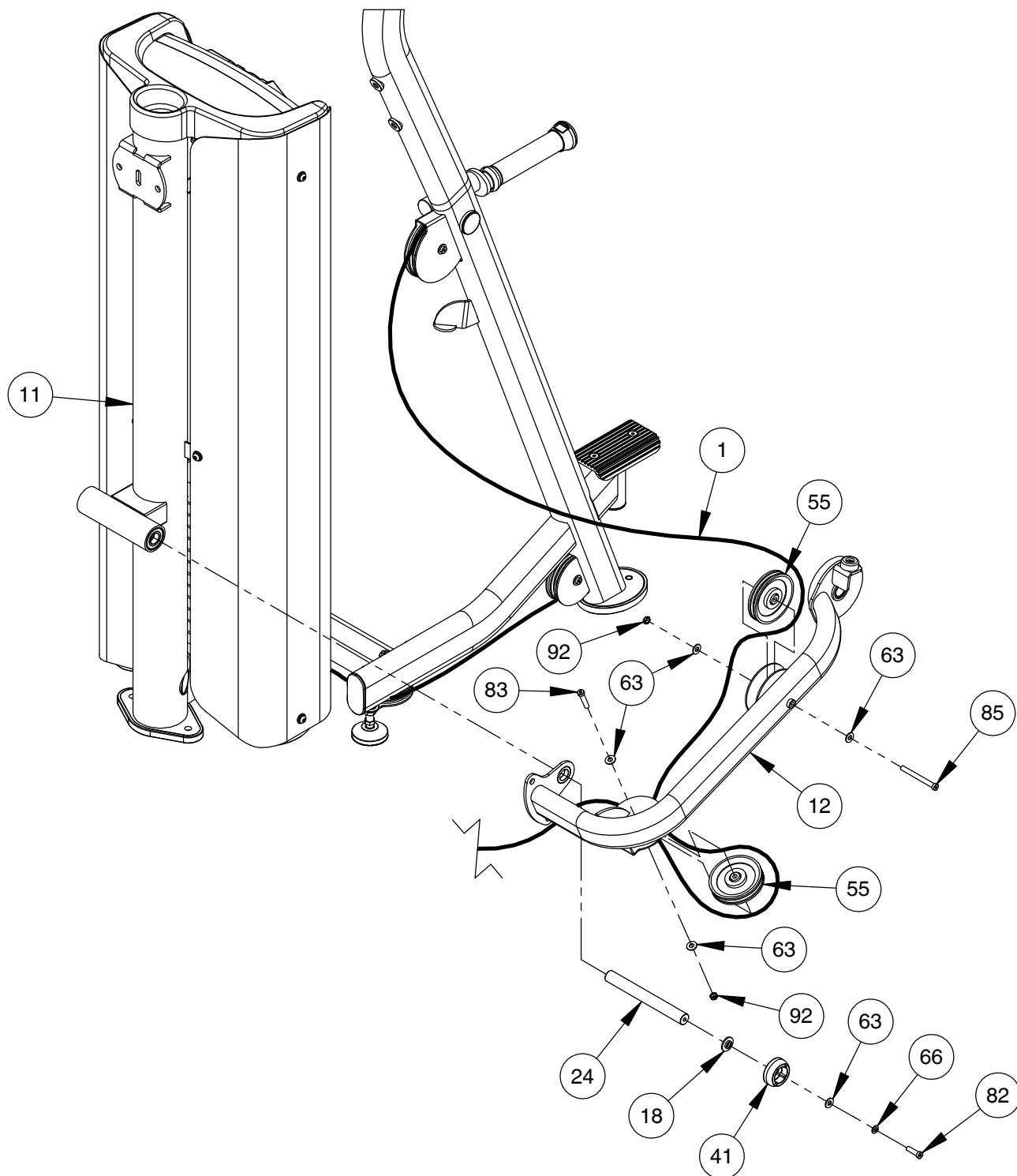


# OWNER'S MANUAL

## FRAME ASSEMBLY

NOTE:

- HAND TIGHTEN HARDWARE (82).
- WRENCH TIGHTEN ALL OTHER HARDWARE.
- INSTALL CABLE AND PULLEYS AT THE SAME TIME.
- SOME PARTS MAY HAVE BEEN REMOVED FOR CLARITY.

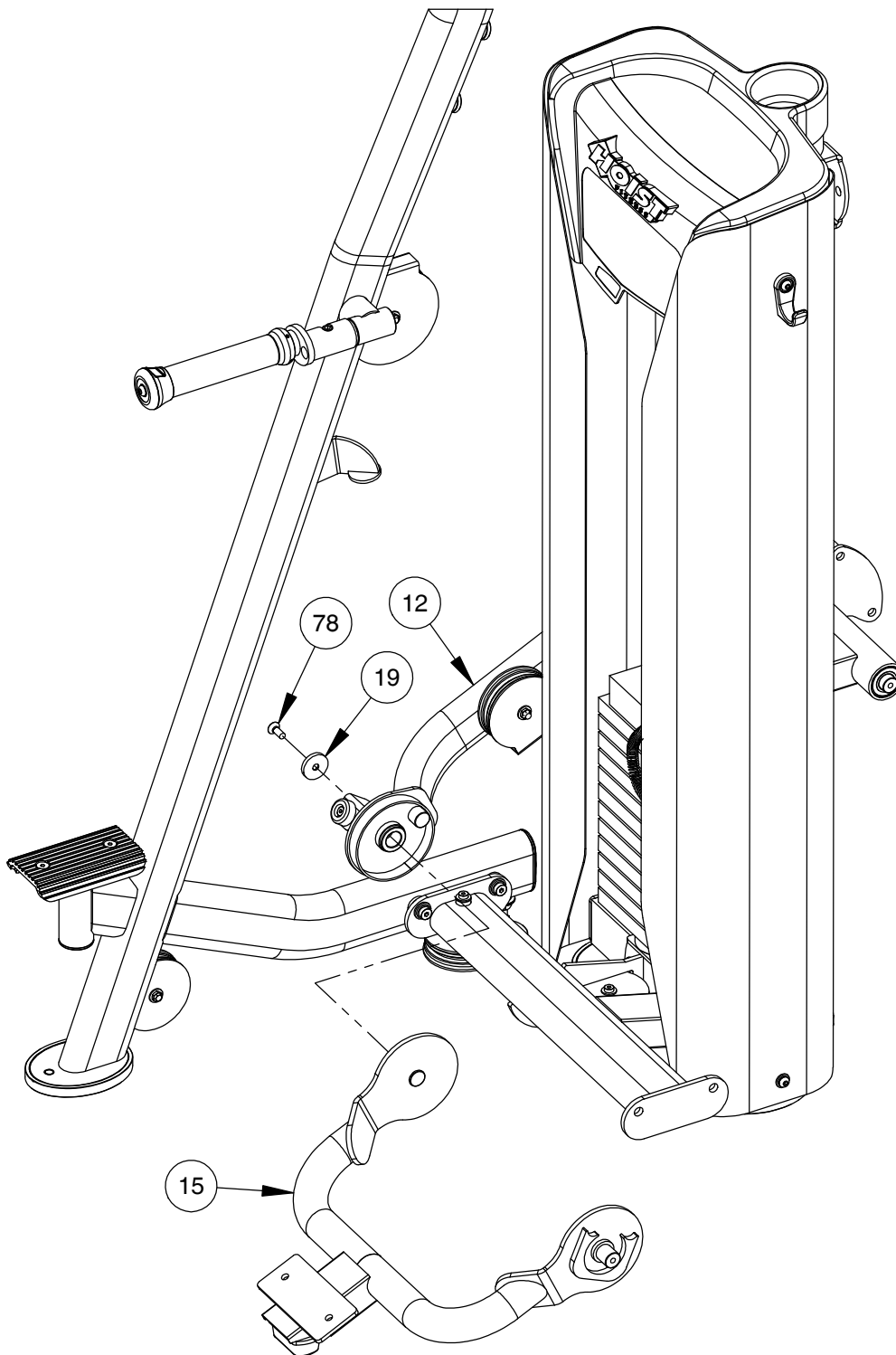


# OWNER'S MANUAL

## FRAME ASSEMBLY

**NOTE:**

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

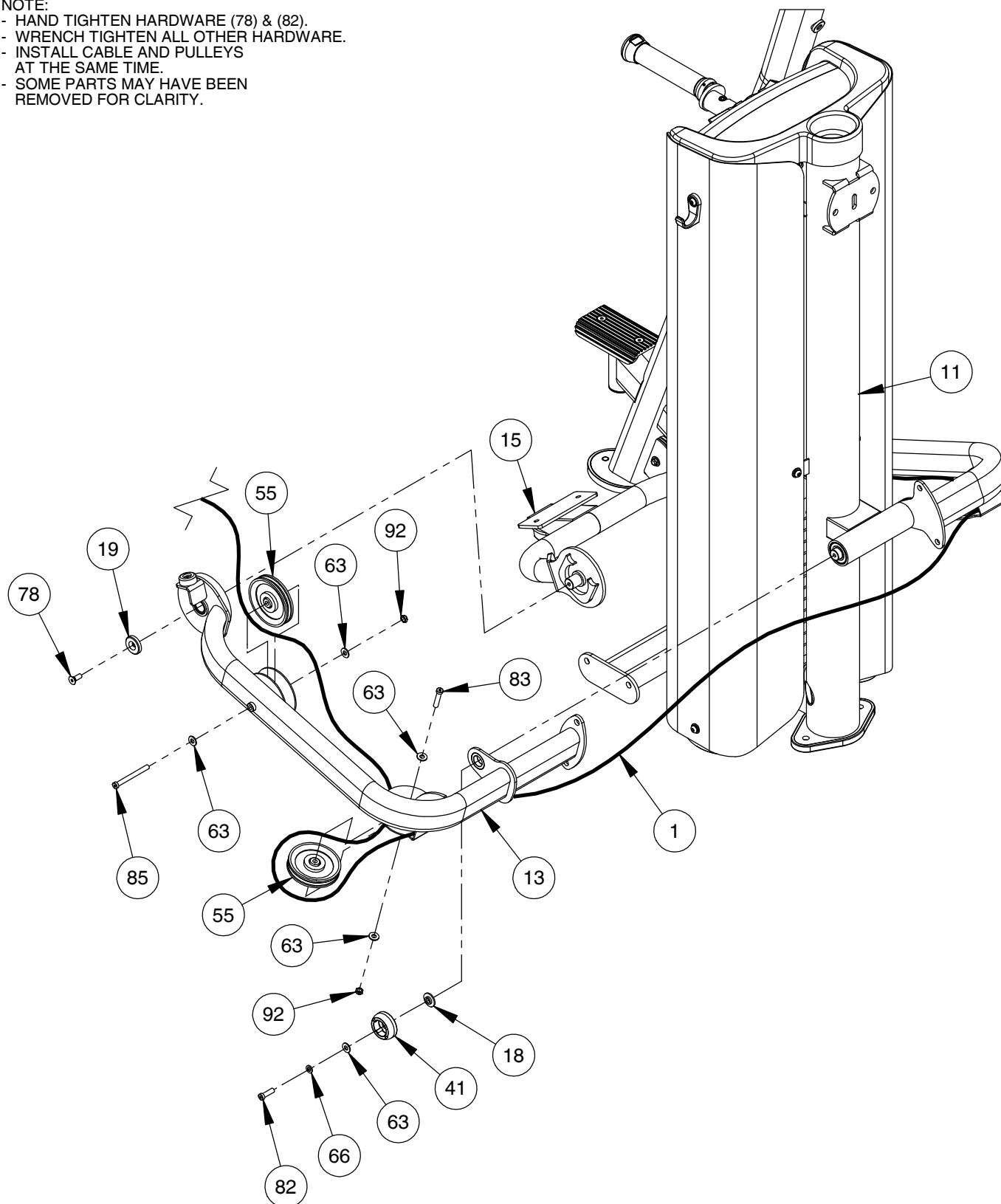


# OWNER'S MANUAL

## FRAME ASSEMBLY

**NOTE:**

- HAND TIGHTEN HARDWARE (78) & (82).
- WRENCH TIGHTEN ALL OTHER HARDWARE.
- INSTALL CABLE AND PULLEYS AT THE SAME TIME.
- SOME PARTS MAY HAVE BEEN REMOVED FOR CLARITY.

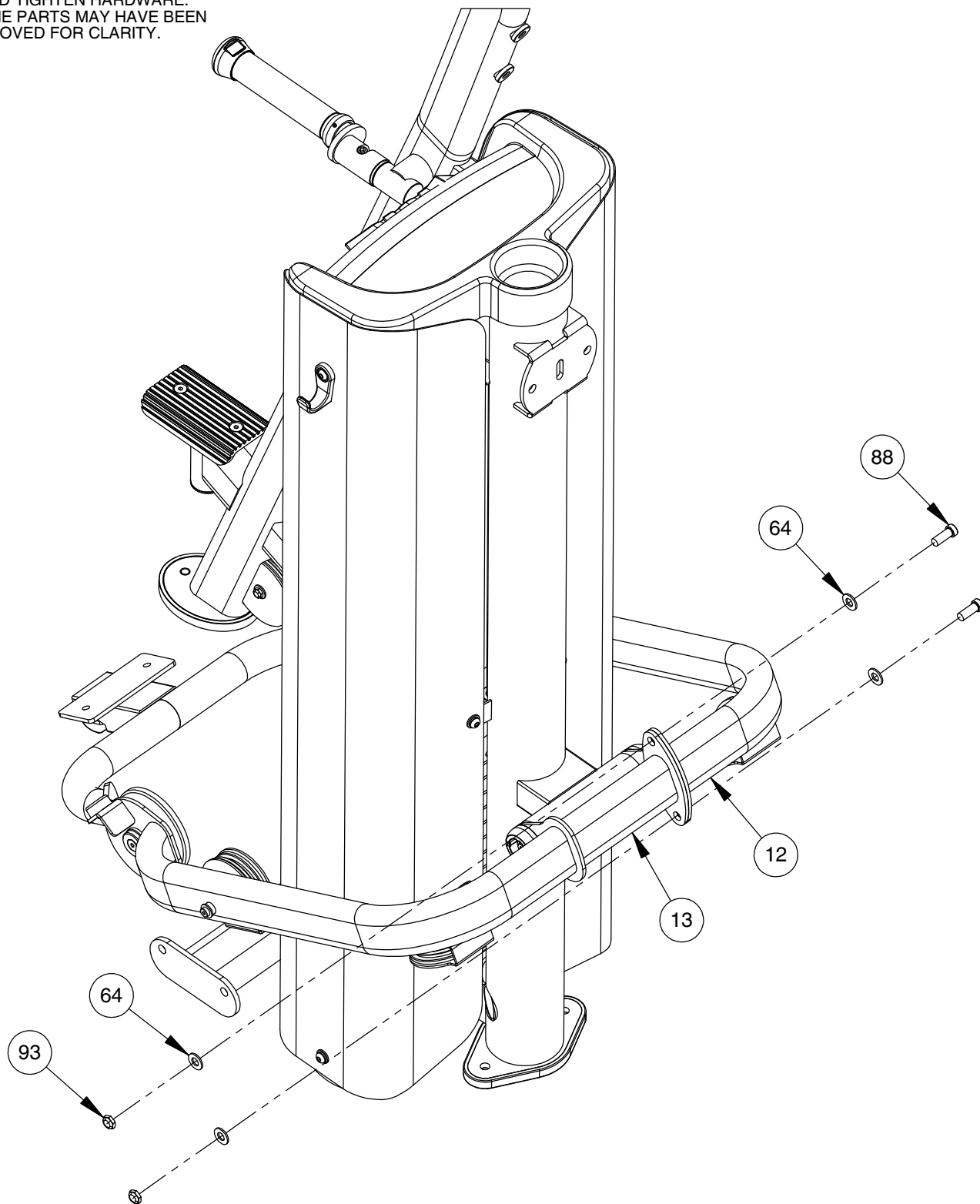


# OWNER'S MANUAL

## FRAME ASSEMBLY

**NOTE:**

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

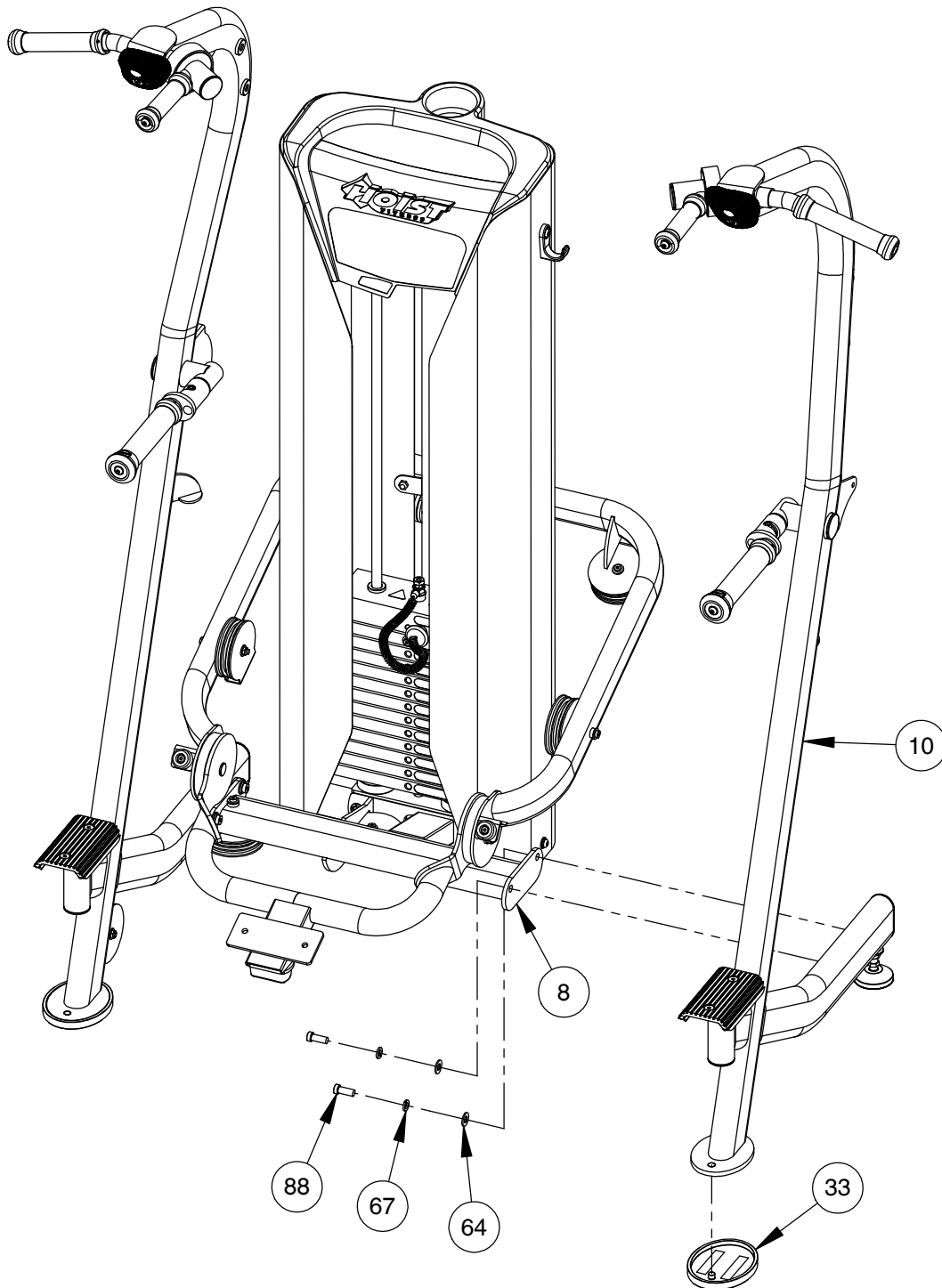


# OWNER'S MANUAL

## FRAME ASSEMBLY

**NOTE:**

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



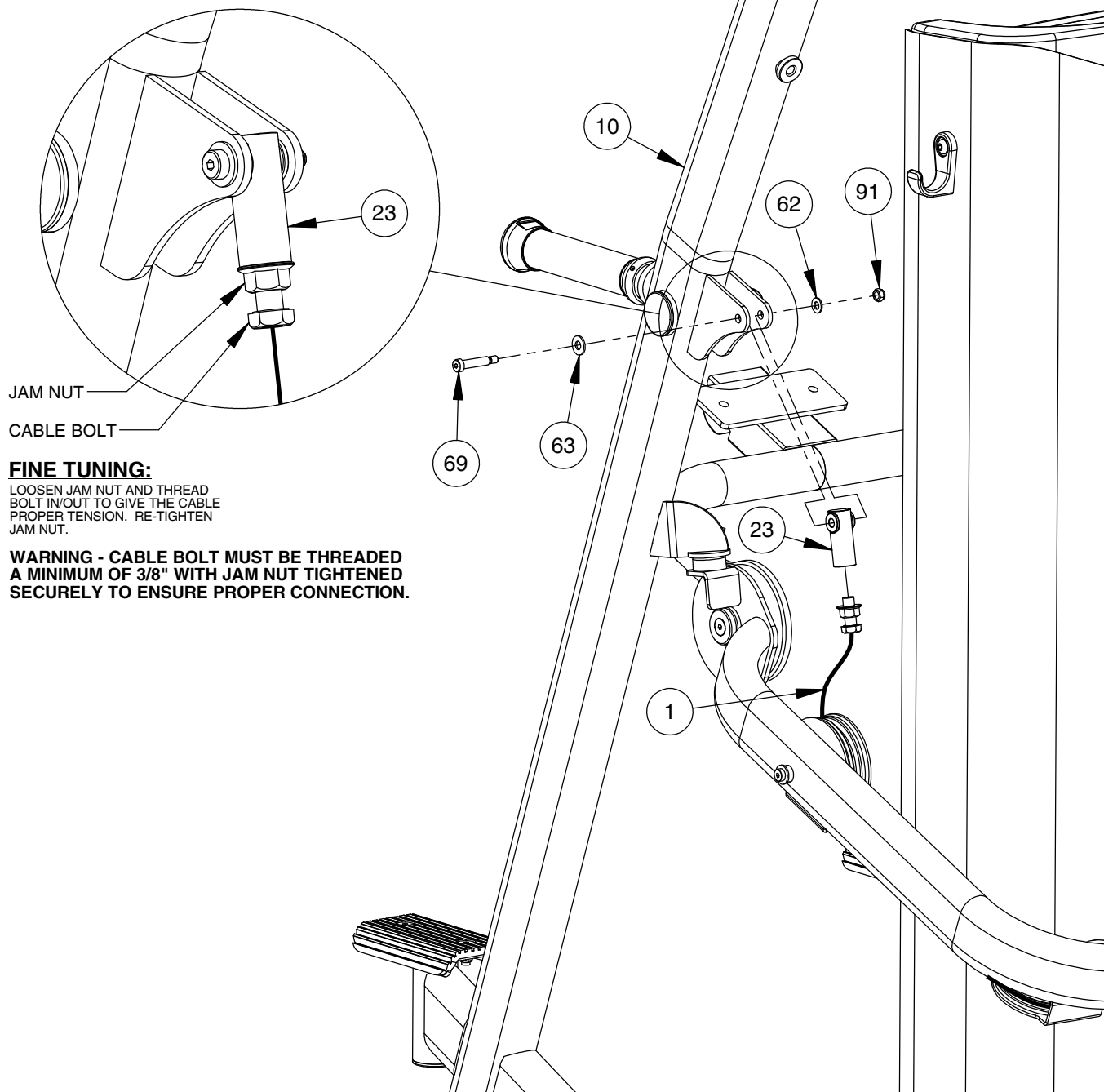
# OWNER'S MANUAL

## FRAME ASSEMBLY

### NOTE:

- WRENCH TIGHTEN HARDWARE.
- WRENCH TIGHTEN HARDWARE (69) THEN LOOSEN NUT JUST ENOUGH FOR (23) TO PIVOT FREELY.
- SOME PARTS MAY HAVE BEEN REMOVED FOR CLARITY.

### PROPERLY INSTALLED VIEW



# OWNER'S MANUAL

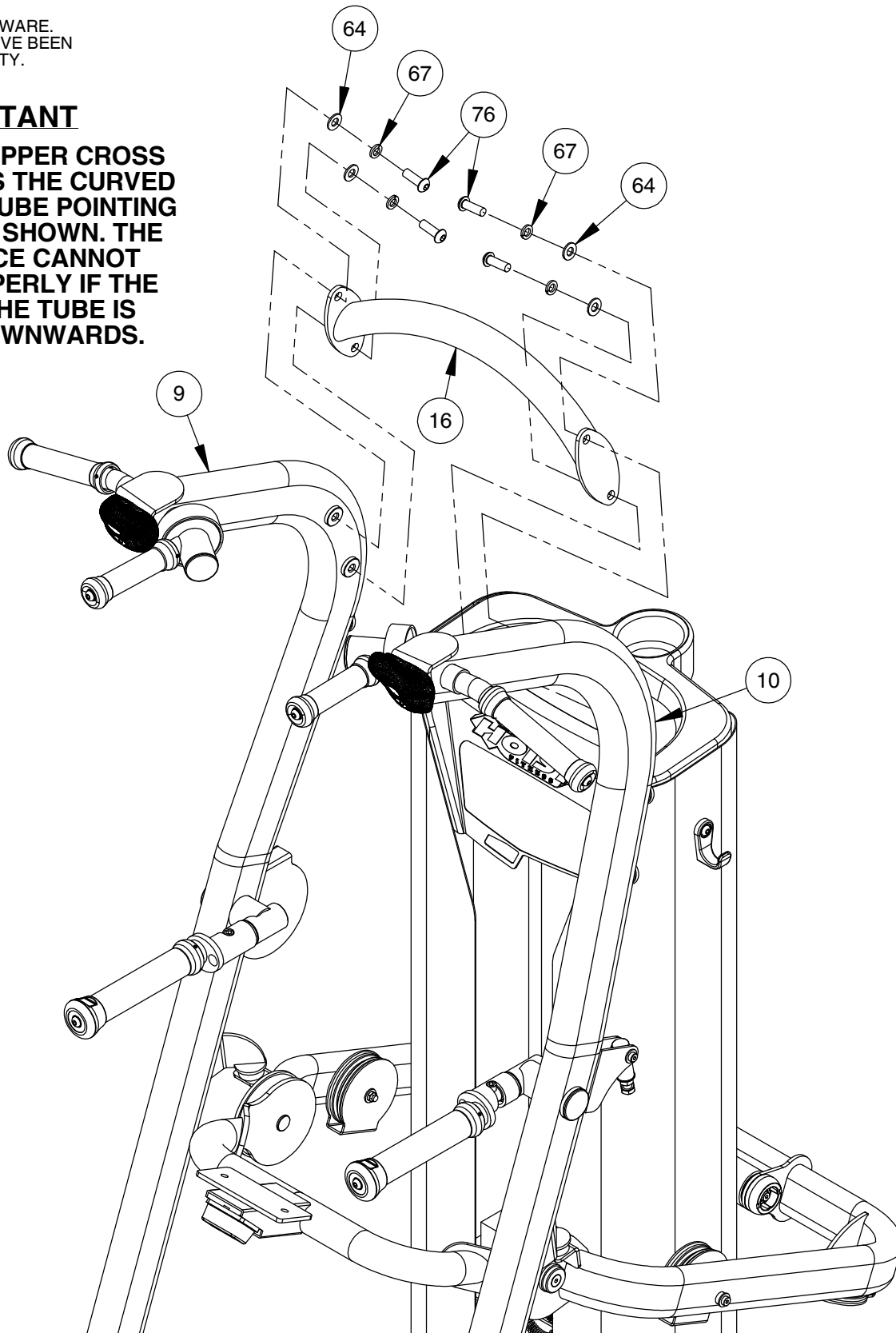
## FRAME ASSEMBLY

**NOTE:**

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

### **IMPORTANT**

**ENSURE THE UPPER CROSS BRACE (16) HAS THE CURVED AREA OF THE TUBE POINTING UPWARDS, AS SHOWN. THE CROSS BRACE CANNOT INSTALL PROPERLY IF THE CURVE OF THE TUBE IS POINTING DOWNWARDS.**

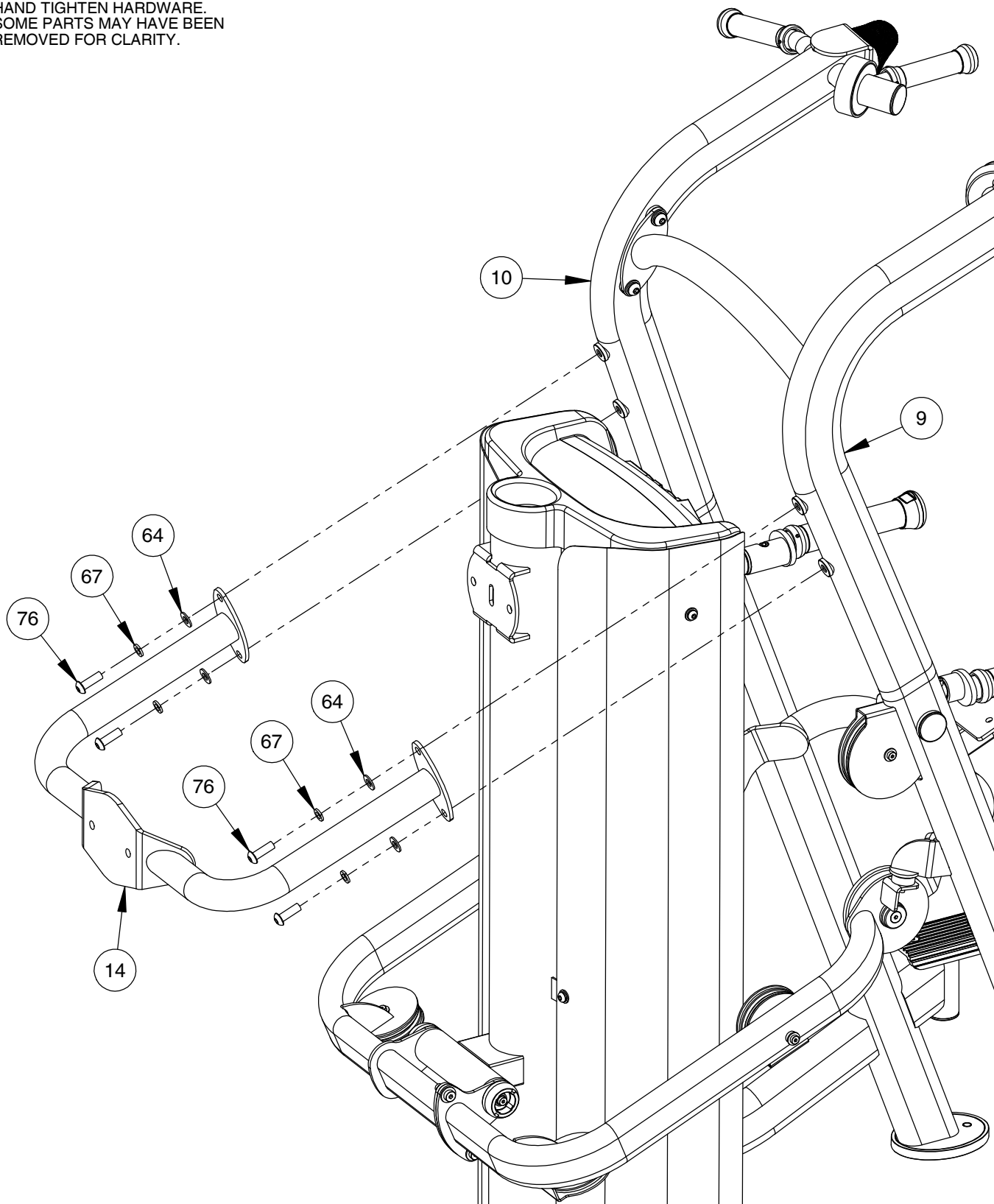


# OWNER'S MANUAL

## FRAME ASSEMBLY

NOTE:

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

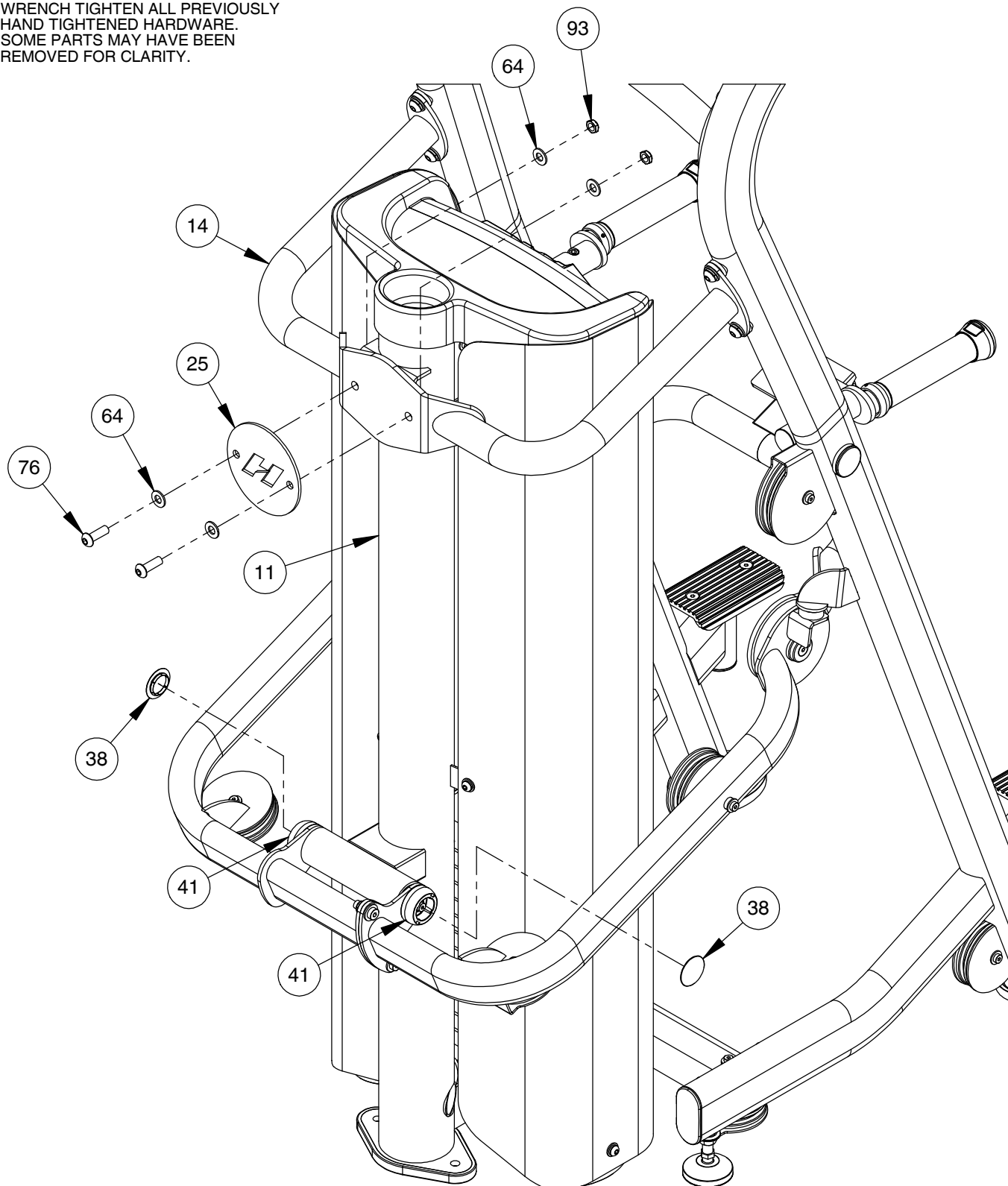


# OWNER'S MANUAL

## FRAME ASSEMBLY

**NOTE:**

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

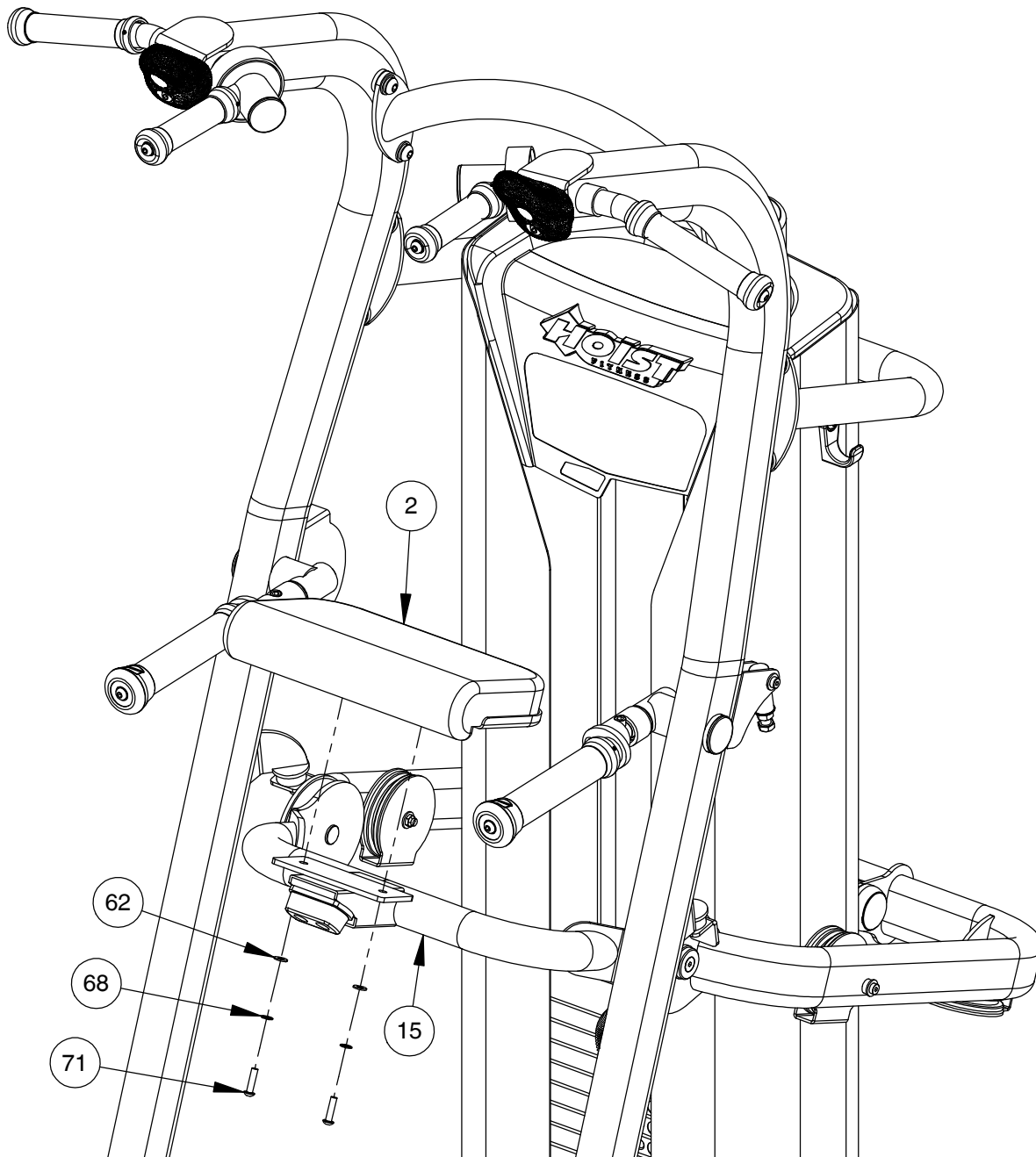


# OWNER'S MANUAL

## FRAME ASSEMBLY

NOTE:

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

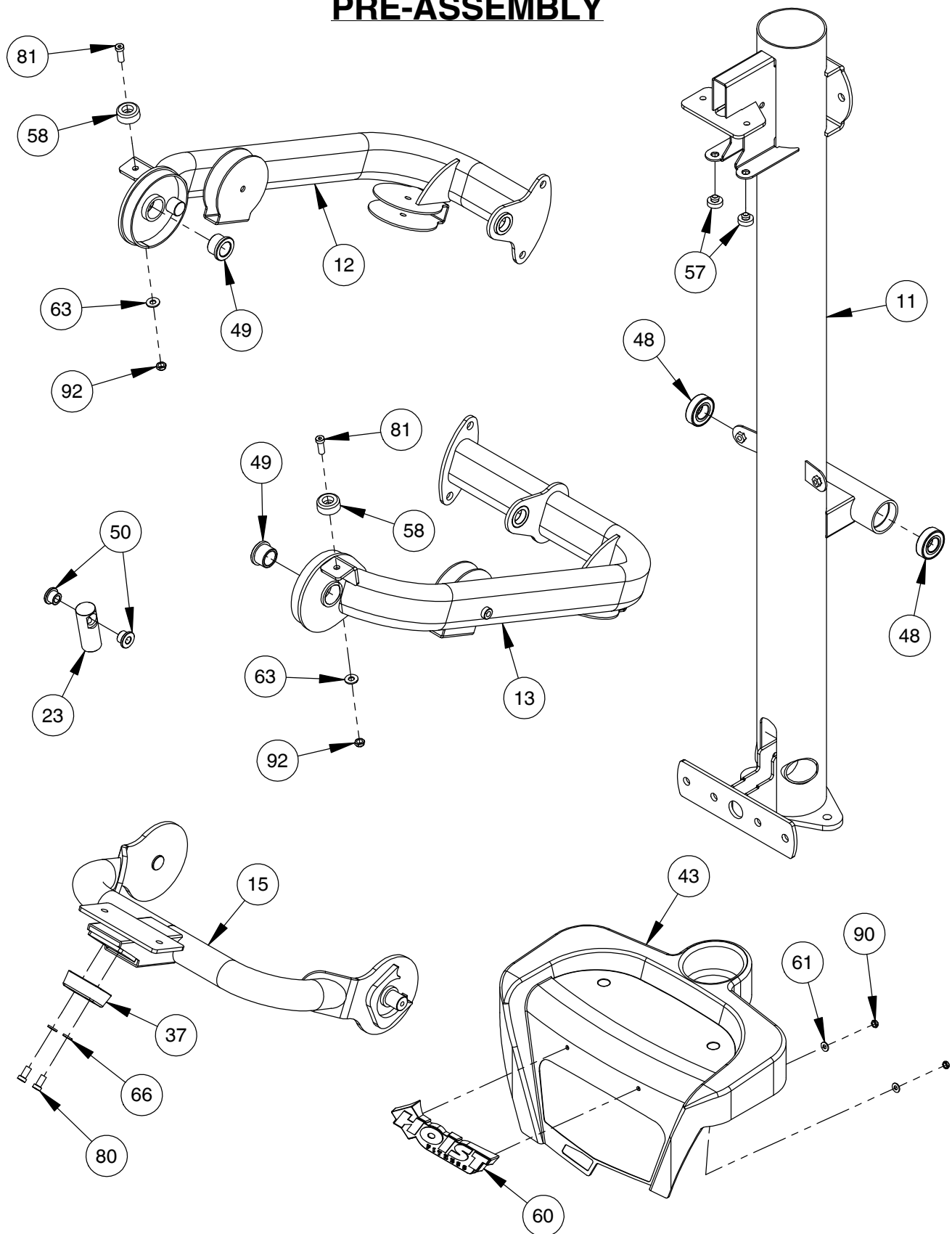


### **\*IMPORTANT\***

NOW THAT THE HD-3701 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.

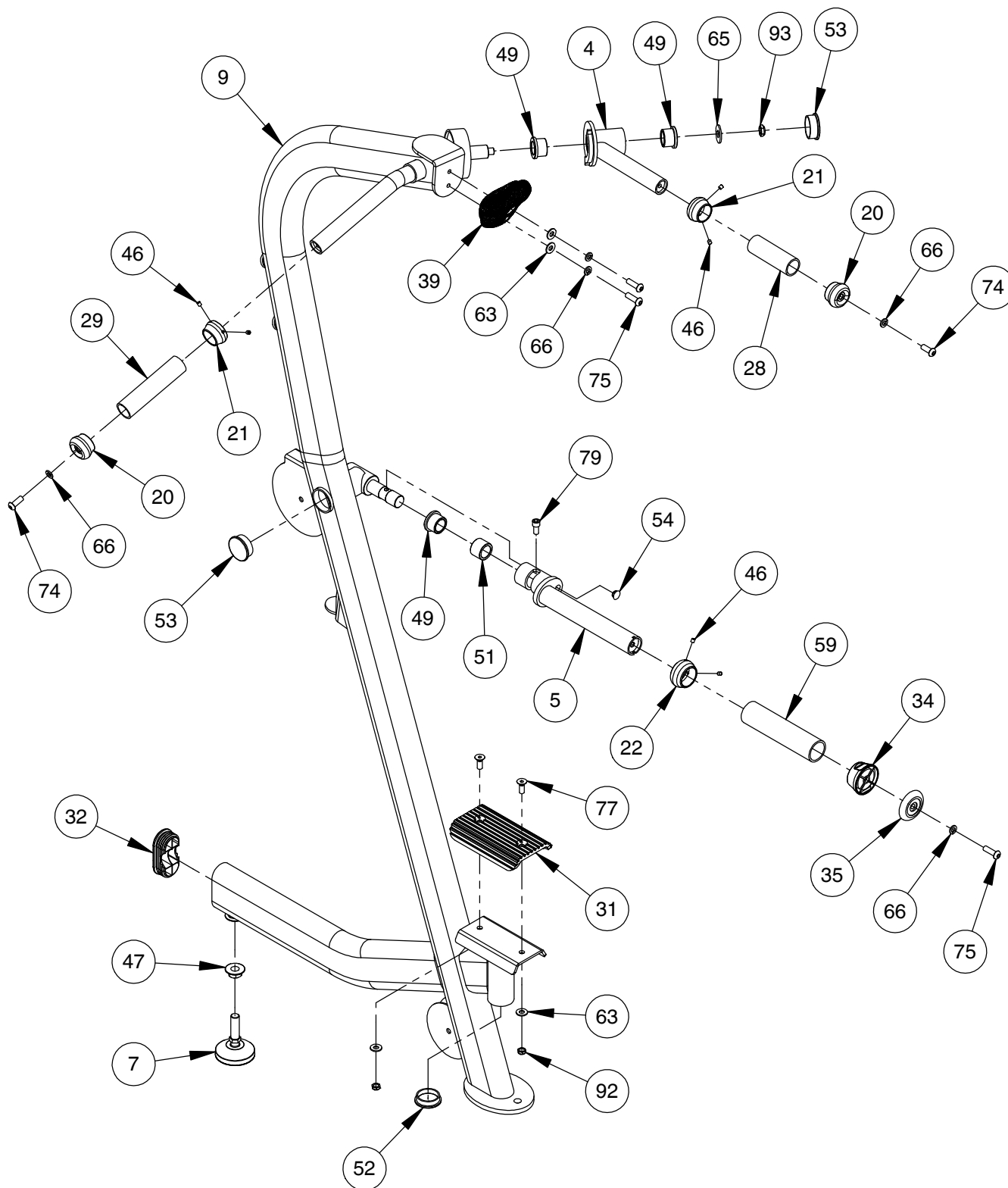
# OWNER'S MANUAL

## PRE-ASSEMBLY



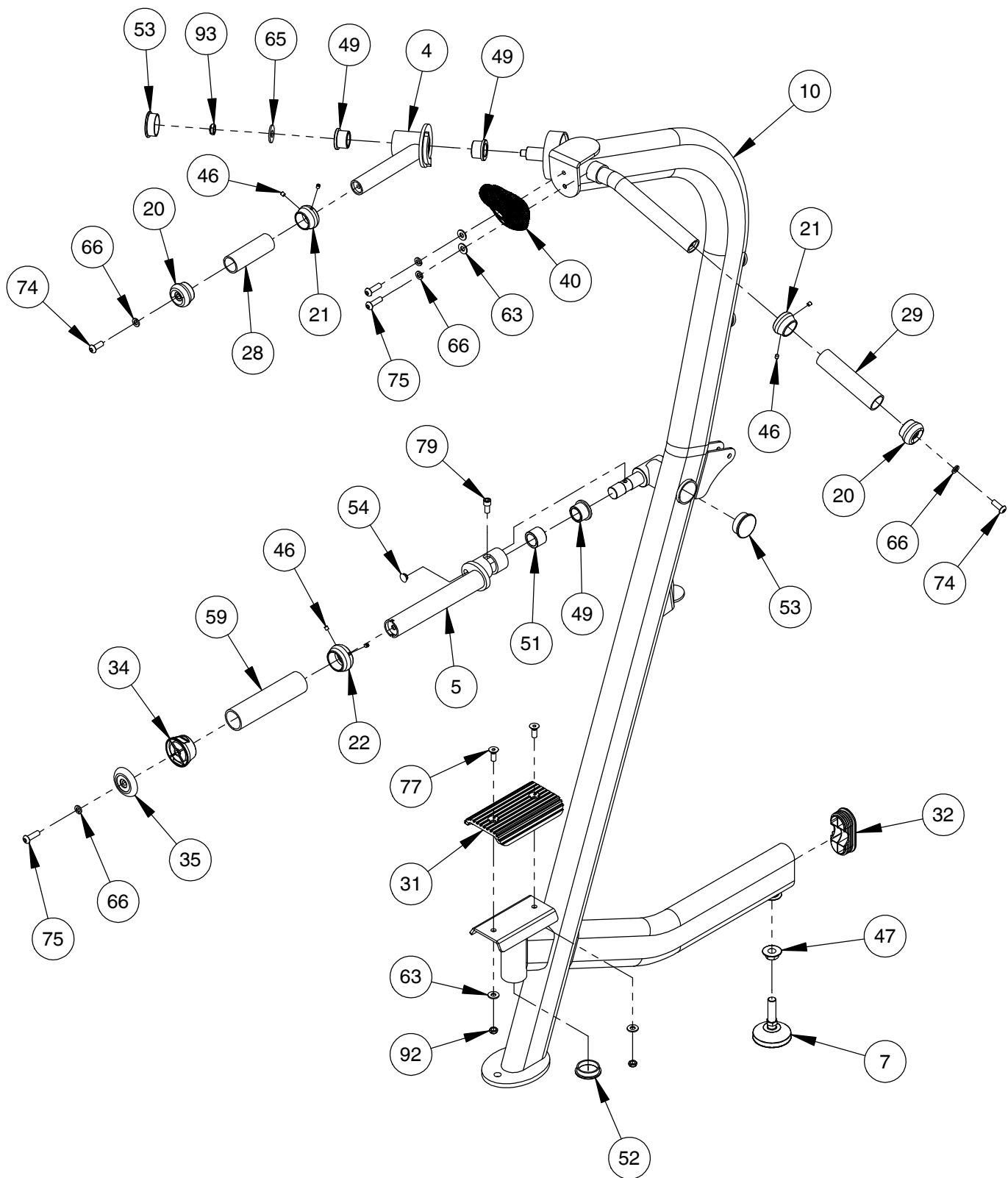
# OWNER'S MANUAL

## PRE-ASSEMBLY



# OWNER'S MANUAL

## PRE-ASSEMBLY

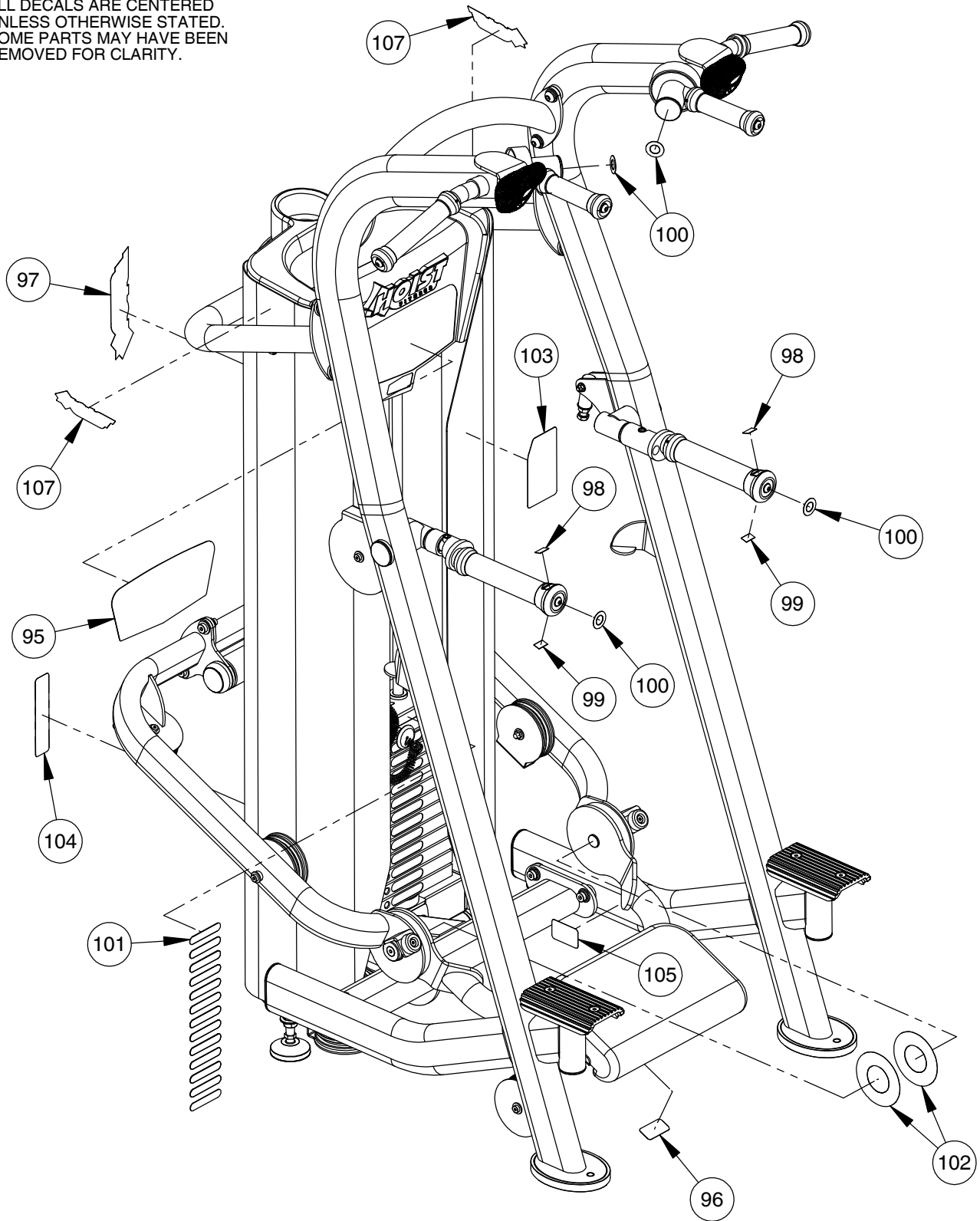


# OWNER'S MANUAL

## DECAL PLACEMENT

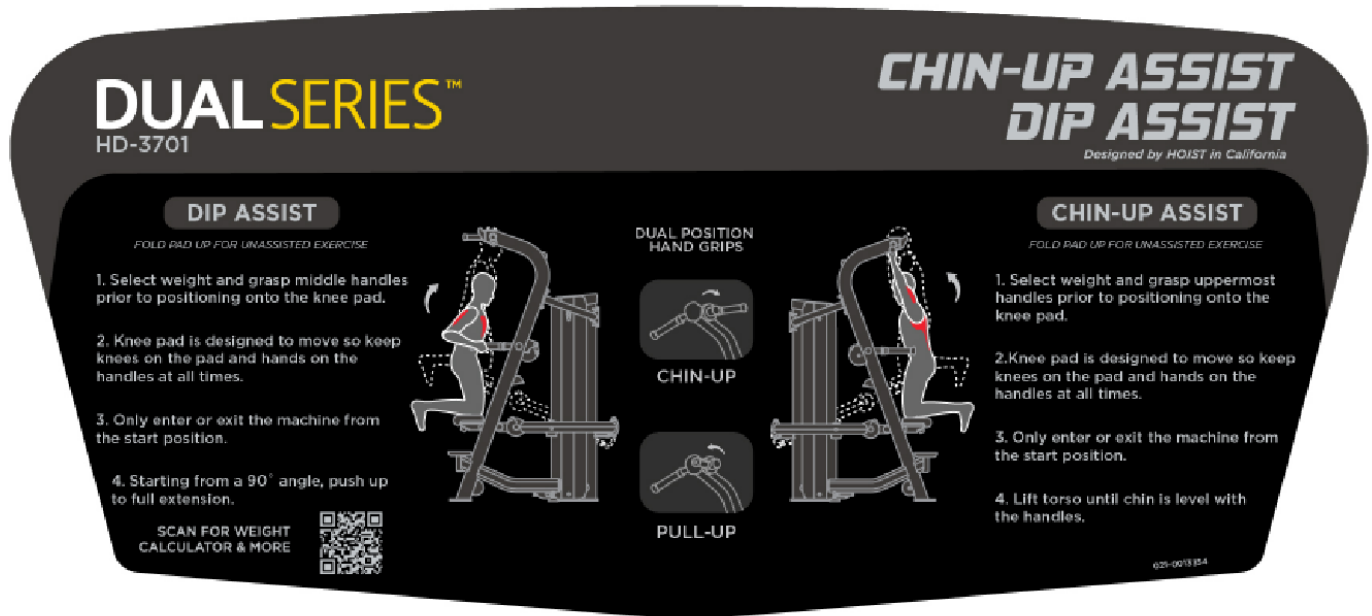
**NOTE:**

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



# OWNER'S MANUAL

## DECAL REFERENCE



021-0013354

**30** LBS / **14** KGS

**150** LBS / **68** KGS

**45** LBS / **20** KGS

**165** LBS / **75** KGS

**60** LBS / **27** KGS

**180** LBS / **82** KGS

**75** LBS / **34** KGS

**195** LBS / **89** KGS

**90** LBS / **41** KGS

**210** LBS / **95** KGS

**105** LBS / **48** KGS

**120** LBS / **54** KGS

**135** LBS / **61** KGS

021-0003905

**WIDE**

021-0003416

**NARROW**

021-0003417



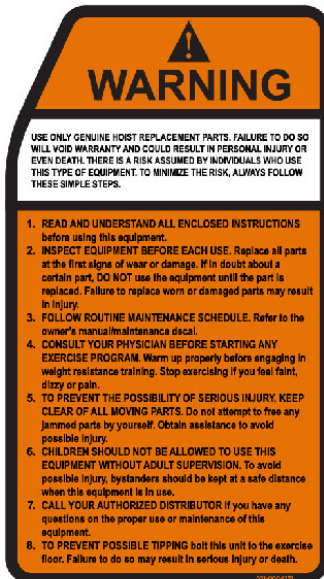
021-0003427

# OWNER'S MANUAL

## DECAL REFERENCE



021-0003221



021-0004271



021-0003093



SERIAL # DECAL



021-0003959



021-0003230

## NOTICE

COMMERCIAL MAINTENANCE	Daily	Weekly	Monthly	Months	Yearly
Inspect; Links, Pull Pins, Snap Locks, Swivels, Weight Stack Pins	X				
Clean; Upholstery	X				
Inspect; Cables or Belts and their tension	X				
Inspect; Accessory Bars and Handles		X			
Inspect; All Decals		X			
Inspect; All nuts and Bolts Tighten if Needed.		X			
Inspect; Anti-Skid Surfaces		X			
Clean & Lubricate; Guide Rods with a Teflon (PTFE) based lubricant (Superlube)			X		
Lubricate; Seat Sleeves, Turcite Bushings, Linear Bearing			X		
Clean & Wax; All Glossy Finishes				X	
Repack with Grease Linear Bearings				X	
Replace; Cables, Belts and Connecting Parts.					X

021-0003008

# OWNER'S MANUAL

## PART LIST

NOTE: SOME OF THESE PARTS MAY COME PRE-INSTALLED

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	010-01C0437	CABLE ASSEMBLY HD-3700 - 303 1/8" LG.	1
2	022-01PD2127-A	PAD ASSEMBLY	1
3	026-01X4089	WEIGHT CAGE BASE	1
4	026-01X3728	45 DEG. SWIVEL HANDLE ASSEMBLY	2
5	026-01X3823	HANDLE ASSEMBLY	2
6	026-01X4091	TOP GUIDE ROD MOUNT	1
7	026-01X5186	LEVELING FOOT (M16X2.0)	2
8	026-01X6644	BASE FRAME	1
9	026-01X6647	LEFT UPRIGHT	1
10	026-01X6648	RIGHT UPRIGHT	1
11	026-01X4320	HD-3700-NG-63 BACK BONE	1
12	026-01X6650	LIFT FRAME LEFT	1
13	026-01X6651	LIFT FRAME RIGHT	1
14	026-01X6653	WEIGHT CAGE BRACE	1
15	026-01X6654	PAD MOUNT	1
16	026-01X6669	UPPER CROSS BRACE	1
17	026-01G0224	GUIDE ROD $\phi$ .750" X 57.078" LG.	2
18	026-01M3112	FINISHED CAP WASHER	2
19	026-01M0239	ALUMINUM FLATHEAD CAP $\phi$ 1.63" X .31" LG.	2
20	026-01M0932	ALUMINIUM CAP: $\phi$ 1.25" ID	4
21	026-01M0933	ALUMINUM RING: $\phi$ 1.25" ID	4
22	026-01M0935	ALUMINIUM RING: $\phi$ 1.50" I.D.	2
23	026-01M1103	THREADED CABLE ANCHOR $\phi$ 1.00" O.D X 2.50" LG.	1
24	026-01M2663	PIVOT SHAFT	1
25	026-01P2653	'H' PLATE	1
26	026-01P7193	SHIELD - LEFT	1
27	026-01P7194	SHIELD - RIGHT	1
28	026-01PL0235-12	GRIP OPEN END $\phi$ 1.43" X 4.25" LG.	2
29	026-01PL0235-18	GRIP: OPEN ENDED $\phi$ 1.25" X 6.00" LG.	2
30	026-01PL2970	FOOTPLATE COVER	1
31	026-01PL2303	FOOT PLATE PLASTIC 7.00" X 4.37"	2
32	026-01PL2566	50 X 100 OVAL DOMED END CAP	2
33	026-01PL2122	OVAL-SHAPED RUBBER FOOT	4
34	026-01PL2158	PLASTIC KNOB: $\phi$ 1.50" - BASE	2

# OWNER'S MANUAL

## PART LIST CONTINUED

NOTE: SOME OF THESE PARTS MAY COME PRE-INSTALLED

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
35	026-01PL2159	PLASTIC KNOB: Ø1.50" - CAP	2
36	026-01PL2201	PLASTIC SLEEVE Ø.75" O.D.	1
37	026-01PL2291	RUBBER STOP	1
38	026-01PL2371	3.75" ROLLER PAD END CAP	2
39	026-01PL2444	CLIMB HOLD, LEFT	1
40	026-01PL2445	CLIMB HOLD, RIGHT	1
41	026-01PL2553	FINISH CAP BODY, Ø2.38"	2
42	026-01PL2894	TOWEL HOOK	1
43	026-01PL2895	RS WEIGHT CAGE B TOP CAP	1
44	026-01PL2896	TRAY MAT	1
45	011-0112023	.473" X .281" SHSS (Ni) W/ DRI-LOC PATCH	2
46	011-0711001	SET SCREW: 1/4"-28 X .25" LG. (Ni)	12
47	012-0103001	16M X 2.0 FLANGED NUT (WZ)	2
48	014-0012014	BEARING: FLANGELESS - 25mm I.D.	2
49	014-0101005	BUSHING: OILITE FLANGED Ø1.34" O.D. X Ø1.00" I.D. X .79" LG.	8
50	014-0101020	BUSHING: OILITE FLANGED Ø.63" O.D. X Ø.38" I.D. X .50" LG.	2
51	014-0104002	BEARING: SLEEVE, BRONZE 1.00 I.D. X 1.38 O.D. X 1.00" LG.	2
52	016-0101017	END CAP Ø2.00" X .120" WALL (GRAY)	2
53	016-0201022	END CAP Ø2.00" (BLACK)	4
54	016-0203005-G	1/2" PLUG	2
55	018-0001003	CABLE PULLEY: Ø4.50"	8
56	018-0002017	PULLEY 6.00" OD	2
57	019-0001001	PLUG BUMPER	2
58	019-0001003	BUMPER Ø1.50" X .625" T	2
59	019-0002048	OPEN END GRIP Ø1.50" X 7.25" LG.	2
60	021-0018035	HOIST LOGO CURVED ASSEMBLY	1
61	013-1002008	1/4" X 16mm SAE FLAT WASHER (Ni)	4
62	013-1002010	5/16" SAE FLAT WASHER (Ni)	3
63	013-1002007	3/8" X 22mm FLAT WASHER (Ni)	46
64	013-1002006	1/2" X 27mm SAE FLAT WASHER (Ni)	24
65	013-1002004	1/2" X 34mm USS FLAT WASHER (Ni)	2
66	013-1006003	3/8" SPLIT LOCK WASHER (Ni)	21
67	013-1006004	1/2" SPLIT LOCK WASHER (Ni)	12
68	013-1010003	5/16" INTERNAL LOCK WASHER (Ni)	2

# OWNER'S MANUAL

## PART LIST CONTINUED

NOTE: SOME OF THESE PARTS MAY COME PRE-INSTALLED

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
69	011-0712002	3/8" X 1.50" SHSS (Ni)	1
70	011-0701156	1/4"-20UNC X 2.75" BHCB (Ni)	2
71	011-0701004	5/16"-18UNC X 1.25" BHCS (Ni)	2
72	011-0701089	3/8"-16UNC X .75" BHCS (Ni) W/ DRI-LOC PATCH	5
73	011-0701111	3/8"-16UNC X 1.00" BHCS (Ni) W/ DRI-LOC PATCH	1
74	011-0701020	3/8"-16UNC X 1.00" BHCS (Ni)	4
75	011-0701021	3/8"-16UNC X 1.25" BHCS (Ni)	6
76	011-0701049	1/2"-13UNC X 1.50" BHCS (Ni)	10
77	011-0702003	3/8"-16UNC X 1.00" FHCS (Ni)	4
78	011-0702020	3/8"-16UNC X 1.00" FHCS (Ni) W/NYLON PATCH	2
79	011-0701085	3/8"-16UNC X .75 SHCS (Ni)	2
80	011-0116141	3/8"-16UNC X .75" LOW HEAD SHCS (Ni)	2
81	011-0116142	3/8"-16UNC X 1.00" LOW HEAD SHCS (Ni)	6
82	011-0116143	3/8"-16UNC X 1.25" LOW HEAD SHCS (Ni)	2
83	011-0116145	3/8"-16UNC X 1.75" LOW HEAD SHCS (Ni)	6
84	011-0116146	3/8"-16UNC X 2.00" LOW HEAD SHCS (Ni)	1
85	011-0116153	3/8"-16UNC X 3.75" LOW HEAD SHCS (Ni)	2
86	011-0116154	3/8"-16UNC X 4.00" LOW HEAD SHCS (Ni)	1
87	011-0116156	3/8"-16UNC X 4.50" LOW HEAD SHCS (Ni)	1
88	011-0116108	1/2"-13UNC X 1.25" LOW HEAD SHCS (Ni)	6
89	011-0116116	1/2"-13UNC X 3.25" LOW HEAD SHCS (Ni)	2
90	012-0504004	1/4"-20 UNC THIN NYLOCK NUT (Ni)	2
91	012-0504006	5/16"-18UNC THIN NYLOCK NUT (Ni)	1
92	012-0504005	3/8"-16 UNC THIN NYLOCK NUT (Ni)	19
93	012-0504002	1/2"-13 UNC THIN NYLOCK NUT (Ni)	8
94	019-0001006	THICK RUBBER DONUT $\phi$ 3.00" X .50" BLACK	2
95	021-0013354	PLACARD: HD-3701	1
96	021-0003093	DECAL MOVING PARTS 1.20" X 2.38" (HOR)	1
97	021-0003221	DECAL HOIST 2.50" X 9.13"	1
98	021-0003416	DECAL WIDE	2
99	021-0003417	DECAL NARROW	2
100	021-0003427	DECAL ADJUST	4
101	021-0003905	DECAL WEIGHT STACK #21 (30-210 Lbs.)	1
102	021-0003959	Assist-Unassist Decal	1

# OWNER'S MANUAL

## **PART LIST CONTINUED**

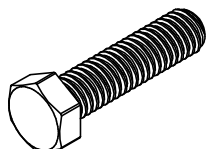
NOTE: SOME OF THESE PARTS MAY COME PRE-INSTALLED

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
103	021-0004271	ROC-IT WARNING DECAL	1
104	021-0003008	DECAL COMMERCIAL MAINTENANCE 1.50 X 6.69	1
105	SERIAL # DECAL	DECAL SERIAL # 1.63" X 2.63"	1
106	WS#21	WEIGHT STACK #21	1
107	021-0003230	DECAL HOIST 1.625" X 6.0613"	2

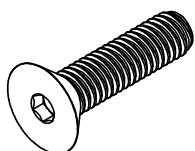
# OWNER'S MANUAL

## ABBREVIATIONS

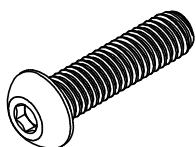
BZ = Black Zinc  
Ni = Nickel Plated  
SS = Stainless Steel  
WZ = White Zinc



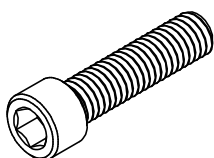
HHB = Hex Head Bolt



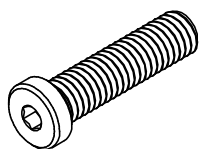
FHCS = Flat Head Cap Screw



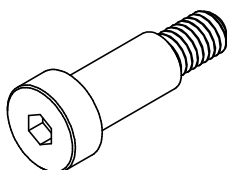
BHCS = Button Head Cap Screw



SHCS = Socket Head Cap Screw



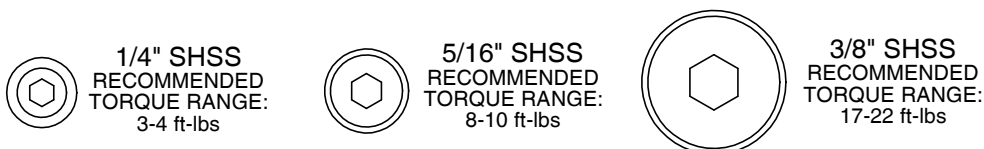
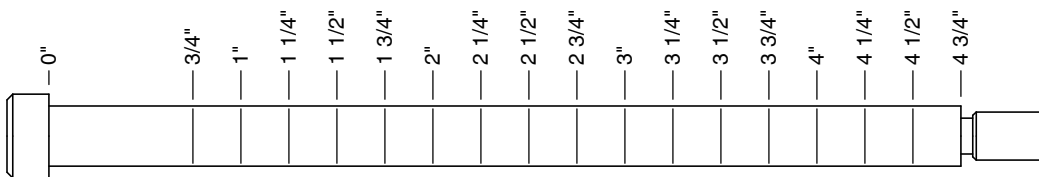
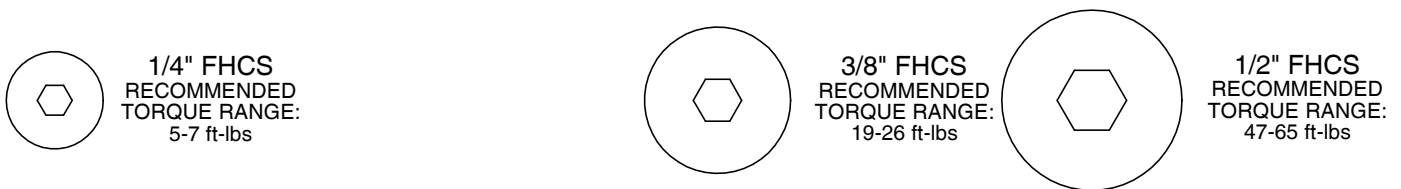
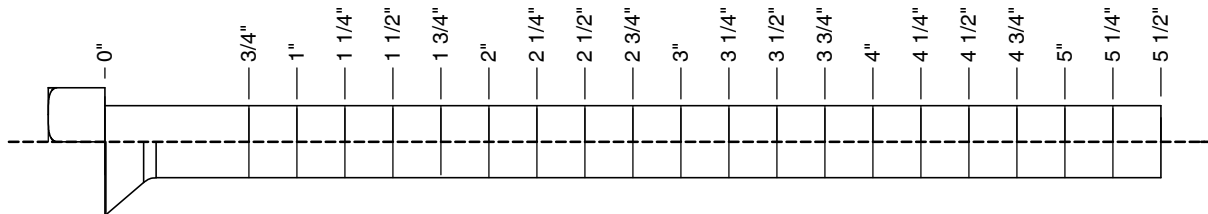
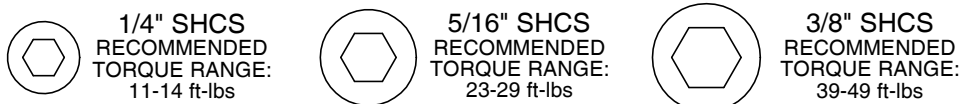
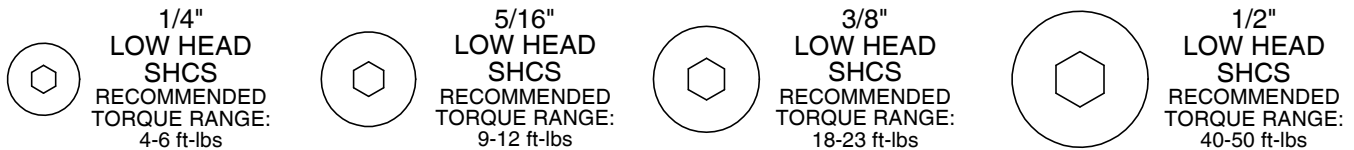
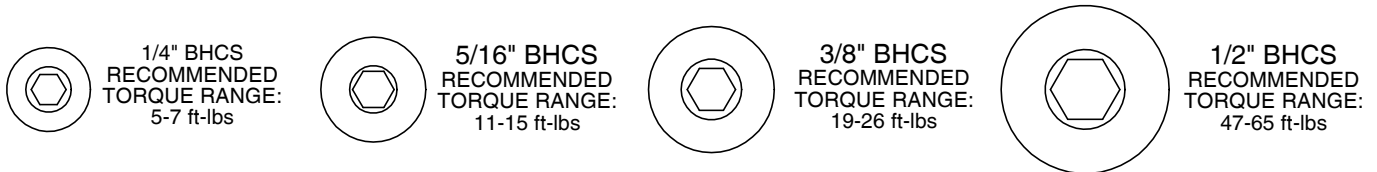
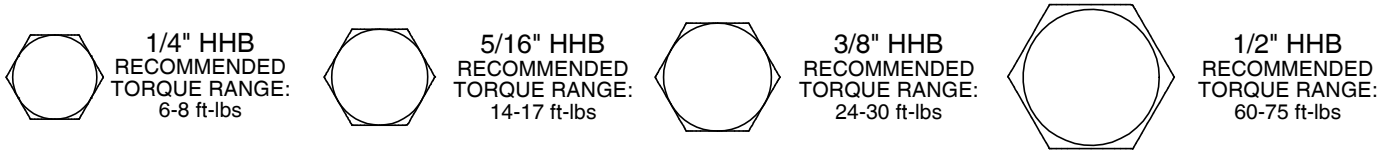
Low Head SHCS = Low Head Socket  
Head Cap Screw



SHSS = Socket Head Shoulder Screw

# OWNER'S MANUAL

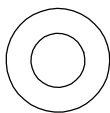
## BOLT SIZING CHART



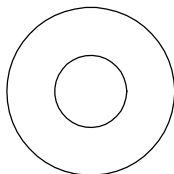
# OWNER'S MANUAL

## WASHER SIZING CHART

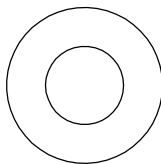
013-0002003  
1/4"  
FLAT WASHER  
SMALL, SAE, 13mm



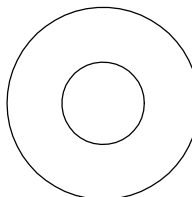
013-0102004  
5/16"  
FLAT WASHER  
LARGE, USS, 22mm



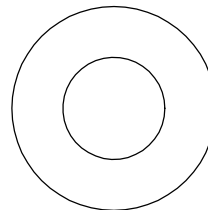
013-0002004  
3/8"  
FLAT WASHER  
SMALL, SAE, 21mm



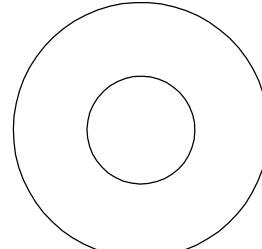
013-0402005  
3/8"  
FLAT WASHER  
LARGE, USS, 25mm



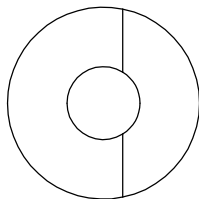
013-0102003  
1/2"  
FLAT WASHER  
SMALL, SAE, 27mm



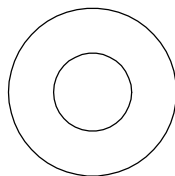
013-0102026  
1/2"  
FLAT WASHER  
LARGE, USS, 34mm



013-0102028  
3/8"  
CURVED WASHER



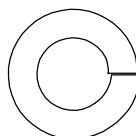
013-0402007  
3/8"  
FLAT WASHER  
22mm O.D.



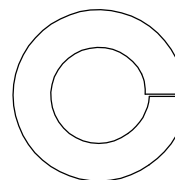
013-0102019  
1/4"  
LOCK WASHER



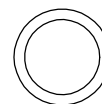
013-0102020  
3/8"  
LOCK WASHER



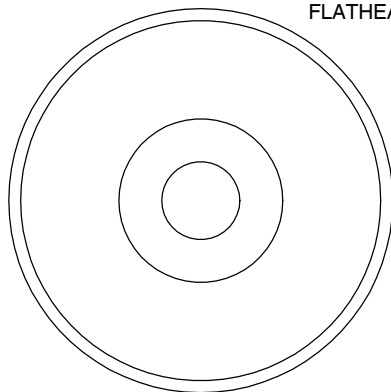
013-0102018  
1/2"  
LOCK WASHER



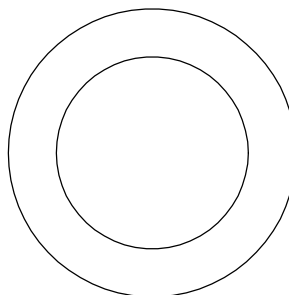
014-0018001  
1/2" LONG  
SPACER



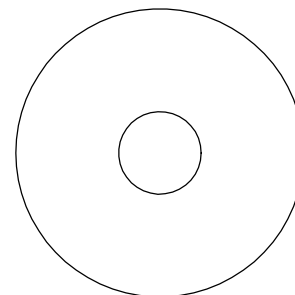
026-01M0238  
2" ALUMINUM  
FLATHEAD CAP



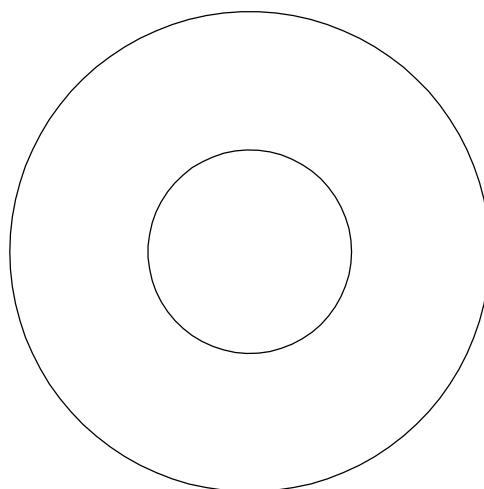
016-0009003  
1" SHIM WASHER



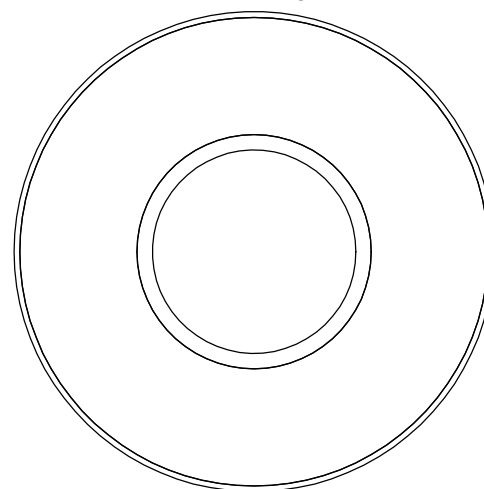
013-0003002  
3/8" FENDER WASHER



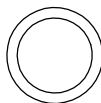
013-0003004  
1 1/16"  
FENDER WASHER



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



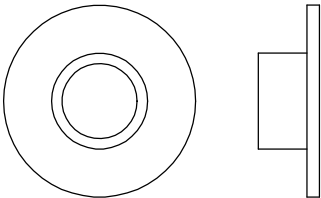
014-0018002  
1" LONG  
SPACER



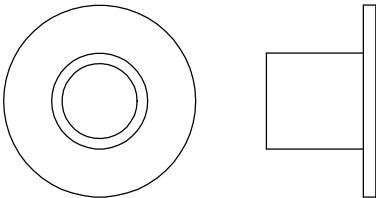
OWNER'S MANUAL

WASHER SIZING CHART  
(CONTINUED)

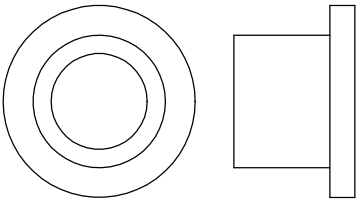
026-01M0211  
1/4" LONG  
FLANGED SPACER



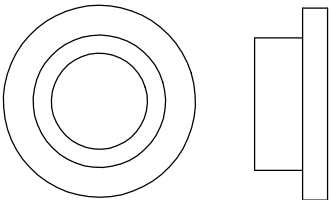
026-01M0198  
1/2" LONG  
FLANGED SPACER



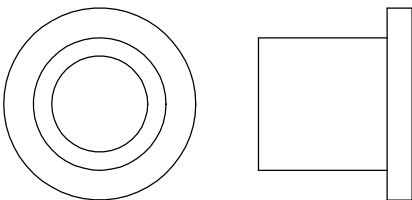
026-01M0760  
1/2" LONG HEAVY  
FLANGED SPACER



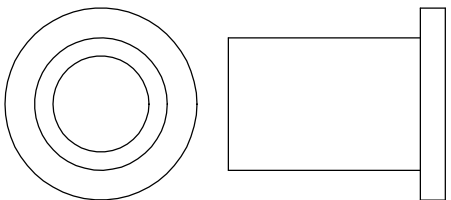
026-01M211T  
1/4" LONG HEAVY  
FLANGED SPACER



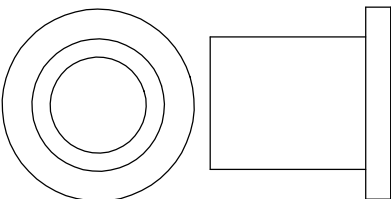
026-01M0532  
11/16" LONG HEAVY  
FLANGED SPACER



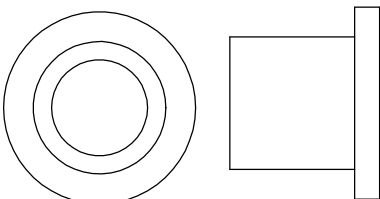
026-01M0551  
1" LONG HEAVY  
FLANGED SPACER



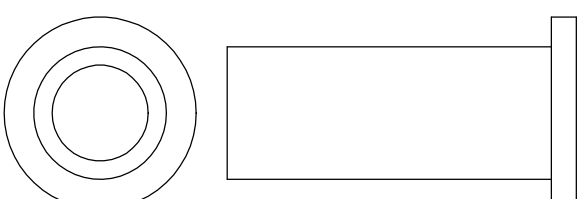
026-01M0788  
.81" LONG HEAVY  
FLANGED SPACER



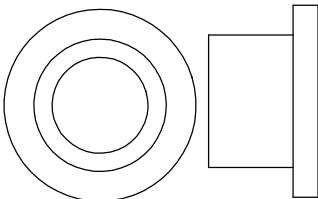
026-01M0780  
.65" LONG HEAVY  
FLANGED SPACER



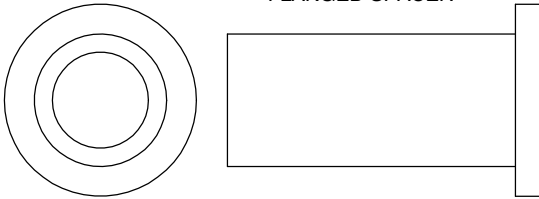
026-01M0761  
1 11/16" LONG HEAVY  
FLANGED SPACER



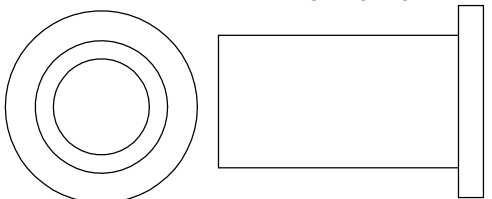
026-01M0789  
.44" LONG HEAVY  
FLANGED SPACER



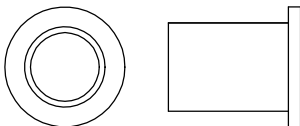
026-01M0762  
1 1/2" LONG HEAVY  
FLANGED SPACER



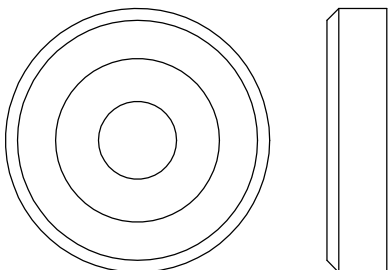
026-01M0768  
1 1/4" LONG HEAVY  
FLANGED SPACER



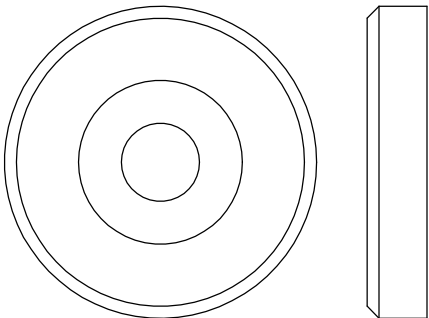
026-01M0600  
.625" LONG  
FLANGED SPACER



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 properly.

### **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

In order to gain maximum results from your HD-3701 and to avoid possible injury, always consult your physician before starting any exercise program and consult a fitness professional to develop your complete 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 HD-3701, 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.

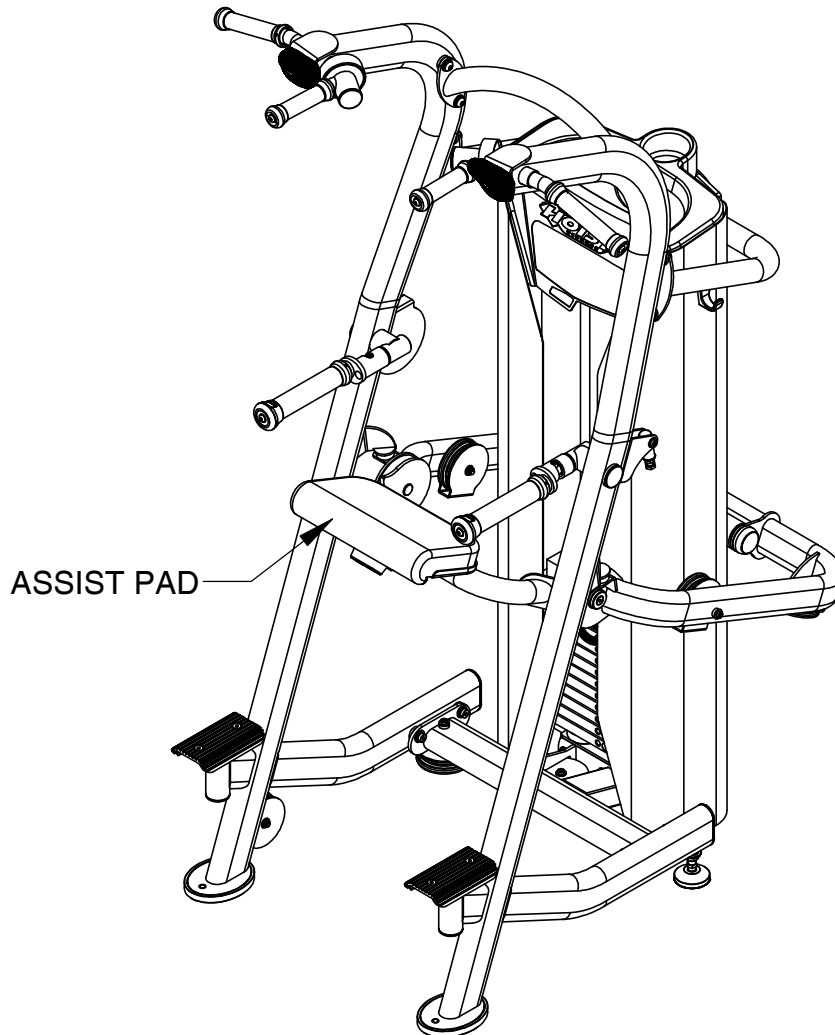
Pay attention to your breathing. Exhale when you exert is a general rule of thumb. Never hold your breath.

**Enjoy your HD-3701!**

# OWNER'S MANUAL

## WEIGHT RATIOS

NOTE: The ASSIST PAD subtracts the selected stack weight from the user's total body weight.



STACK WEIGHT (LBS)	ASSIST PAD (85%)
30	25.5
45	38.25
60	51
75	63.75
90	76.5
105	89.25
120	102
135	114.75
150	127.5
165	140.25
180	153
195	165.75
210	178.5

The above chart shows the standard weight stack for this unit. The weights listed are approximate. HOIST reserves the right to modify the machine without prior notice.

# 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, this warranty covers 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 owner's 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**