

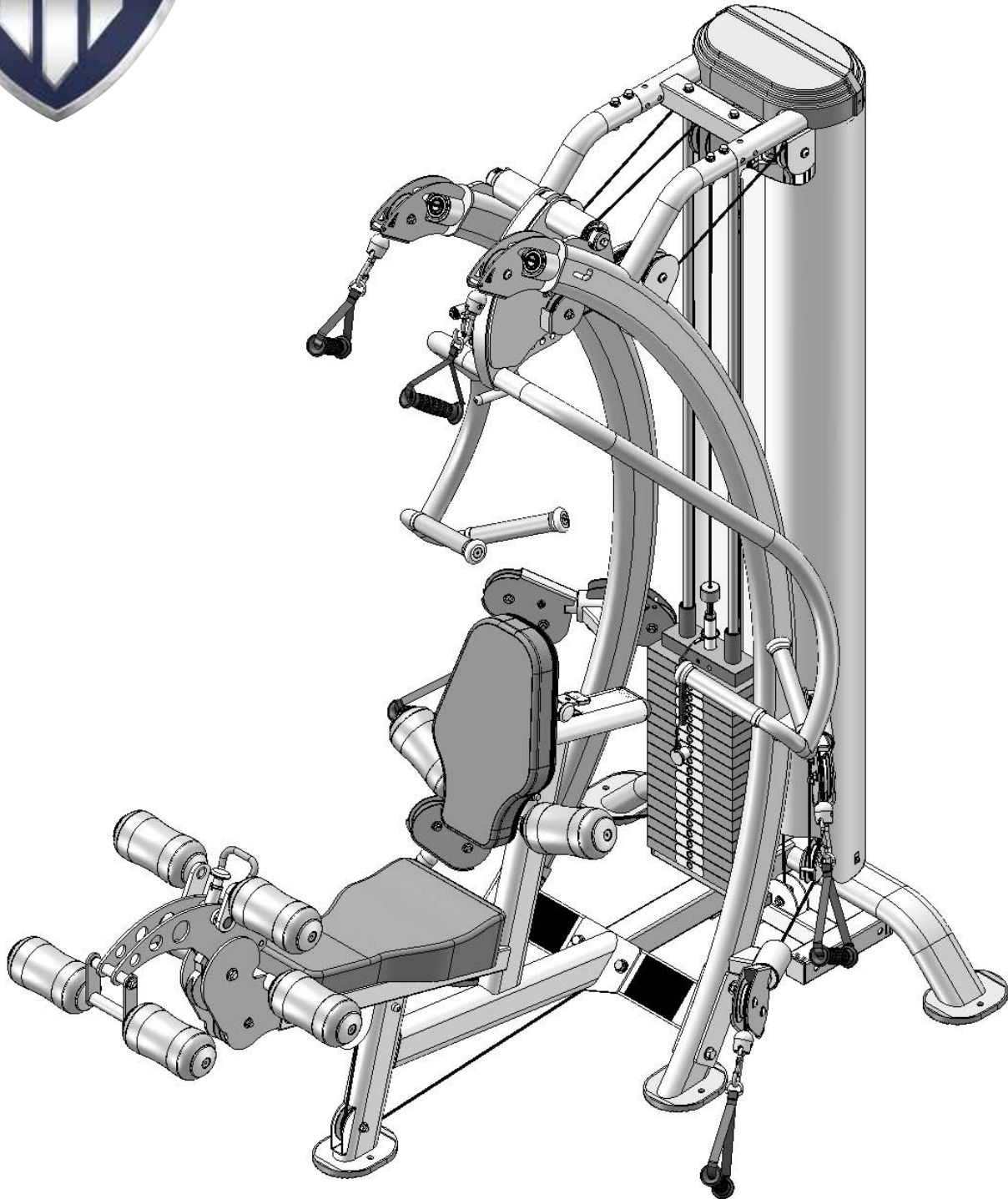


# TUFFSTUFF FITNESS INTERNATIONAL

## OWNER'S MANUAL

### Maintenance & Assembly Instructions

**IMPORTANT:** KEEP THIS MANUAL FOR FUTURE REFERENCE



### **⚠ WARNING**

Read and understand the Owner's Manual, all danger, warning and caution labels before using this equipment.

## **SXT-550**

### **Deluxe Hybrid Trainer**

SXT-550\_Rev0  
Revision Date 6-26-2015

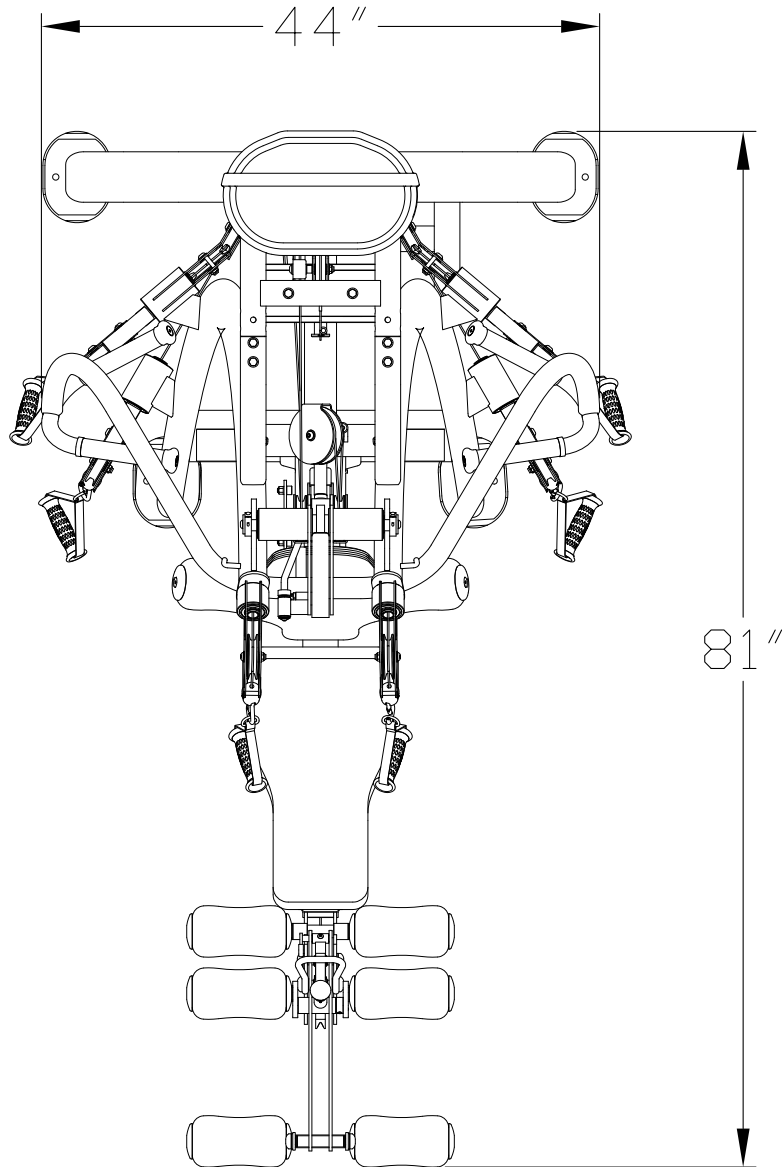
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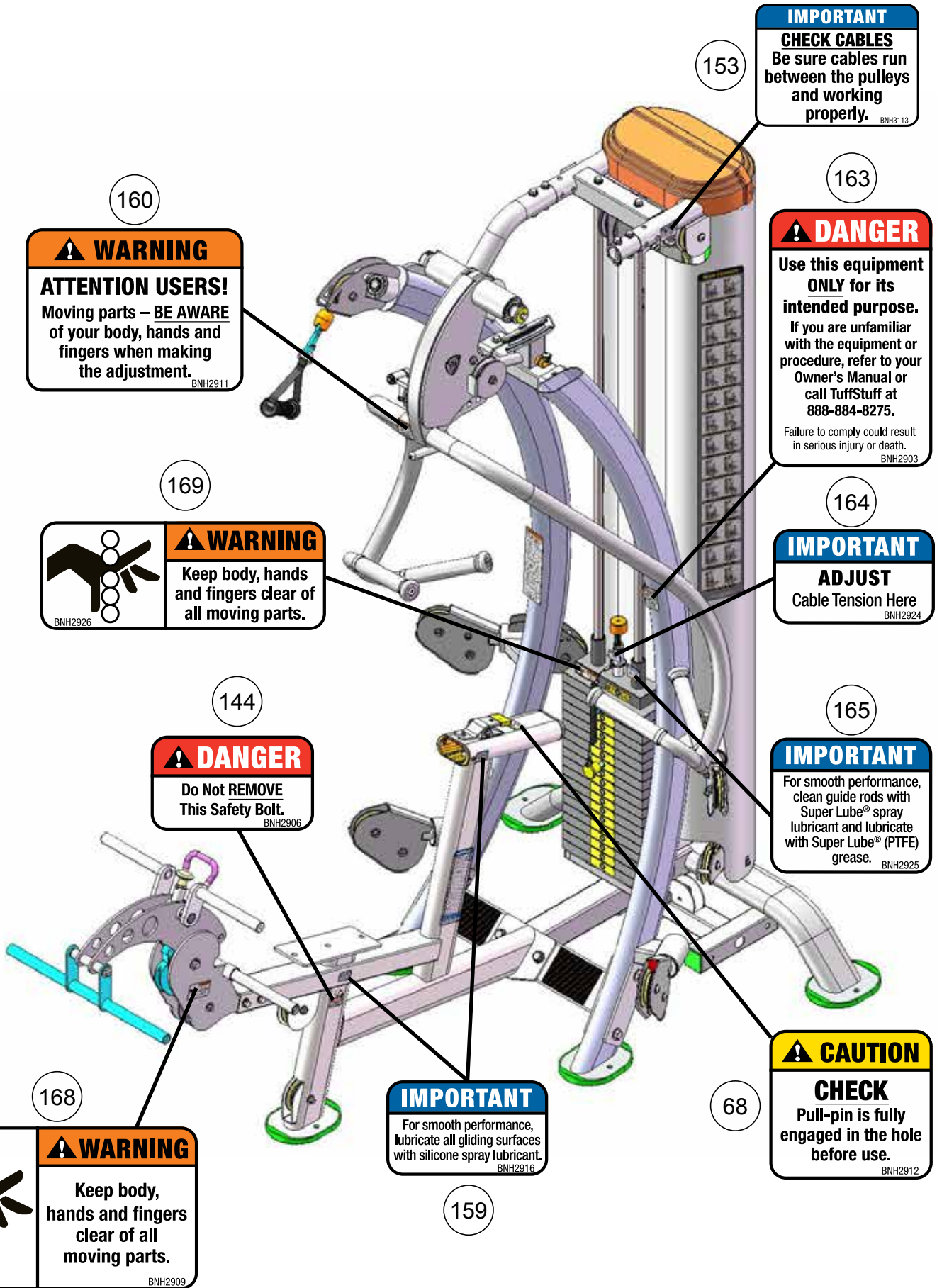
TuffStuff Fitness International Inc. continually engages in research related to product improvements. Please take the time to carefully read through this owner's manual thoroughly. Instructions contained in this owner's manual are not intended to cover all details or variations possible with equipment, or to cover every contingency that may be met in conjunction with assembly, installation, operation, maintenance or troubleshooting of the equipment. Even though we have prepared this owner's manual with extreme care, neither the manufacturer nor the author can accept responsibility for any errors in, or omission from, the information given. Should additional information be required, or should situations arise that are not covered by this owner's manual, the matter should be directed to Customer Service at TuffStuff Fitness International Inc. in Chino, California.

# OVERHEAD SPECIFICATIONS



**L 81" X W 44" X H 84"**  
**PRODUCT WEIGHT 652 lbs.**  
**MAX-LOAD WEIGHT LIMIT - 200 lbs.**

# Carefully read ALL Danger, Warning & Caution labels posted on the machine



**160**

**⚠ WARNING**

**ATTENTION USERS!**  
Moving parts – **BE AWARE** of your body, hands and fingers when making the adjustment.

BNH2911

**153**

**IMPORTANT**

**CHECK CABLES**  
Be sure cables run between the pulleys and working properly.

BNH3113

**163**

**⚠ DANGER**

**Use this equipment ONLY for its intended purpose.**  
If you are unfamiliar with the equipment or procedure, refer to your Owner's Manual or call TuffStuff at 888-884-8275.  
Failure to comply could result in serious injury or death.

BNH2903

**169**

**⚠ WARNING**

**Keep body, hands and fingers clear of all moving parts.**

BNH2926

**164**

**IMPORTANT**

**ADJUST**  
Cable Tension Here

BNH2924

**144**

**⚠ DANGER**

**Do Not REMOVE This Safety Bolt.**

BNH2906

**165**

**IMPORTANT**

For smooth performance, clean guide rods with Super Lube® spray lubricant and lubricate with Super Lube® (PTFE) grease.

BNH2925

**168**

**⚠ WARNING**

**Keep body, hands and fingers clear of all moving parts.**

BNH2909

**159**

**IMPORTANT**

For smooth performance, lubricate all gliding surfaces with silicone spray lubricant.

BNH2916

**68**

**⚠ CAUTION**

**CHECK**  
Pull-pin is fully engaged in the hole before use.

BNH2912



# Carefully read ALL Danger, Warning & Caution labels posted on the machine

170

149

178

## WARNING

**Serious injury or death can occur if these rules are not followed:**

### Home Use Only

1. Read and Understand the Owner's Manual, all danger, warning and caution labels before using this equipment. If you need further assistance, call TuffStuff.
2. Obtain a medical examination before beginning any form of exercise program.
3. Stop exercising if you feel faint or dizzy. Call for help if you are experiencing pain.
4. Inspect equipment prior to use for wear and tear, loose fittings, worn or frayed cables and frame welds. Do not attempt to fix or free any jammed parts yourself. Call your TuffStuff Dealer.
5. Use this equipment only for the intended use and for exercises shown in the exercise label.
6. Keep body, clothing and hair clear from all moving parts.
7. Children must not be allowed near this machine. Teenager must be supervised.
8. Make sure the selector pin is fully inserted. Use only the factory selector pin provided.
9. Do not modify weight stack with any add-on weights.
10. Do not remove any labels on the machine. Replace if damaged.

TuffStuff Fitness International  
Chino, CA 91710, USA.

BNH3157

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## INSPECTIONS

Home Use Only Recommended Inspection	DAILY	WEEKLY	MONTHLY	6-MONTH
<b>INSPECT:</b> Links, pull-pins, snap locks, swivels, connectors, selector pin, and welded-joints.	X			
<b>CLEAN:</b> Upholstery with lanolin-base cleaner. Do not use Windex.	X			
<b>INSPECT:</b> Cables and tension (adjust if needed).	X			
<b>INSPECT:</b> All labels		X		
<b>INSPECT:</b> All nuts and bolts (tighten if needed).		X		
<b>INSPECT:</b> Accessory bars, handles, rubber grips.		X		
<b>INSPECT:</b> All anti-skid surfaces.		X		
<b>CLEAN &amp; LUBRICATE:</b> Clean guide rods with Super Lube® spray lubricant and lubricate with Super Lube® (PTFE) grease.			X	
<b>LUBRICATE:</b> Seat sleeves, pull-pin sliding mechanism, bushings and linear bearings.			X	
<b>CLEAN &amp; WAX:</b> All powder-coat finishes.				X

Use only genuine TuffStuff replacement parts. Failure to do so will void warranty and could result in serious injury or death.

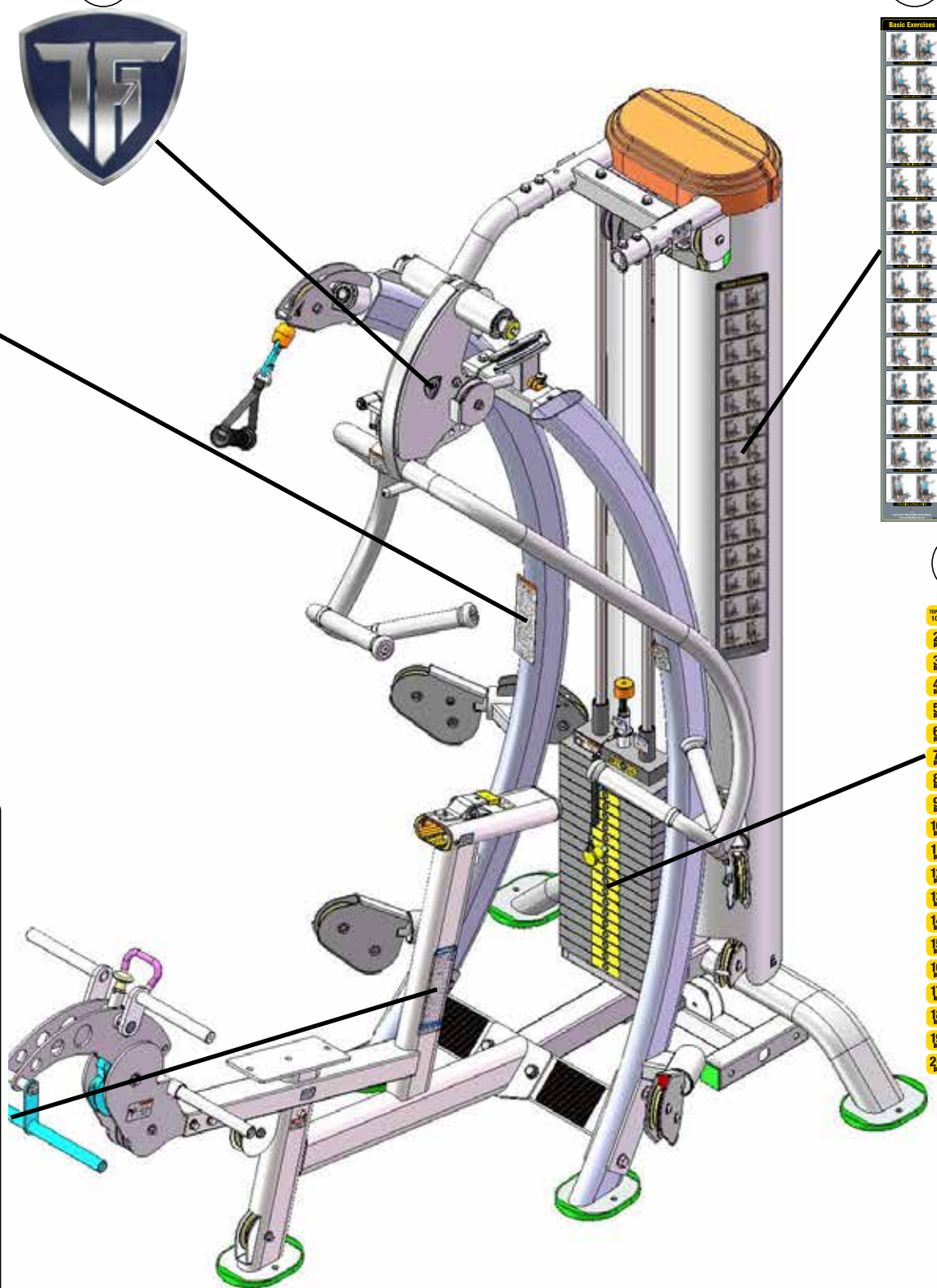
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Chino, CA 91710, USA  
www.tuffstufffitness.com

BNH3155



167

TOP PLATE 10 lbs.	TOP PLATE 4.5 kg.
20 lbs.	9.1 kg.
30 lbs.	13.6 kg.
40 lbs.	18.1 kg.
50 lbs.	22.7 kg.
60 lbs.	27.2 kg.
70 lbs.	31.8 kg.
80 lbs.	36.3 kg.
90 lbs.	40.8 kg.
100 lbs.	45.4 kg.
110 lbs.	49.9 kg.
120 lbs.	54.4 kg.
130 lbs.	59.0 kg.
140 lbs.	63.5 kg.
150 lbs.	68.0 kg.
160 lbs.	72.6 kg.
170 lbs.	77.1 kg.
180 lbs.	81.6 kg.
190 lbs.	86.2 kg.
200 lbs.	90.7 kg.



# Carefully read ALL Danger, Warning & Caution labels posted on the machine



153

**IMPORTANT**  
**CHECK CABLES**  
 Be sure cables run between the pulleys and working properly.  
BNH3113

149

95

**DANGER**  
  
**TIGHTEN**  
 this retaining nut before use.  
BNH3146

164

**IMPORTANT**  
**ADJUST**  
 Cable Tension Here  
BNH2924

171

**WARRANTY**  
**HOME LIFETIME\***  
 For the **LIFE** of the product while owned by the original purchaser from defects in material and workmanship.  
 \*This warranty does not cover:  
 1. TuffStuff products sold for and used in a commercial or institutional environment.  
 2. Any misuse, neglect, abuse, improper assembly & maintenance, or failure to follow instructions or warnings in the Owner's Manual and warning labels posted on the machines.  
 3. Use of this apparatus in a manner for which it was not designed.  
 4. Original product that is altered, or the use of replacement parts and components parts of another manufacturer other than TuffStuff.  
 All warranty periods begin to run from the date of purchase to the original purchaser. The obligation of TuffStuff under this warranty is limited to repairing or replacing warranted defective parts, as TuffStuff may elect, at TuffStuff's facility in Chino, California, without charge to the Purchaser for either parts or labor. Purchaser is responsible for installation of repaired or replaced parts, and all transportation and insurance costs to and from TuffStuff's facility in Chino. For a detailed copy of the warranty, please contact:  
 TuffStuff Fitness International  
 Chino, CA 91710, USA  
 www.tuffstufffitness.com  
BNH3156

68

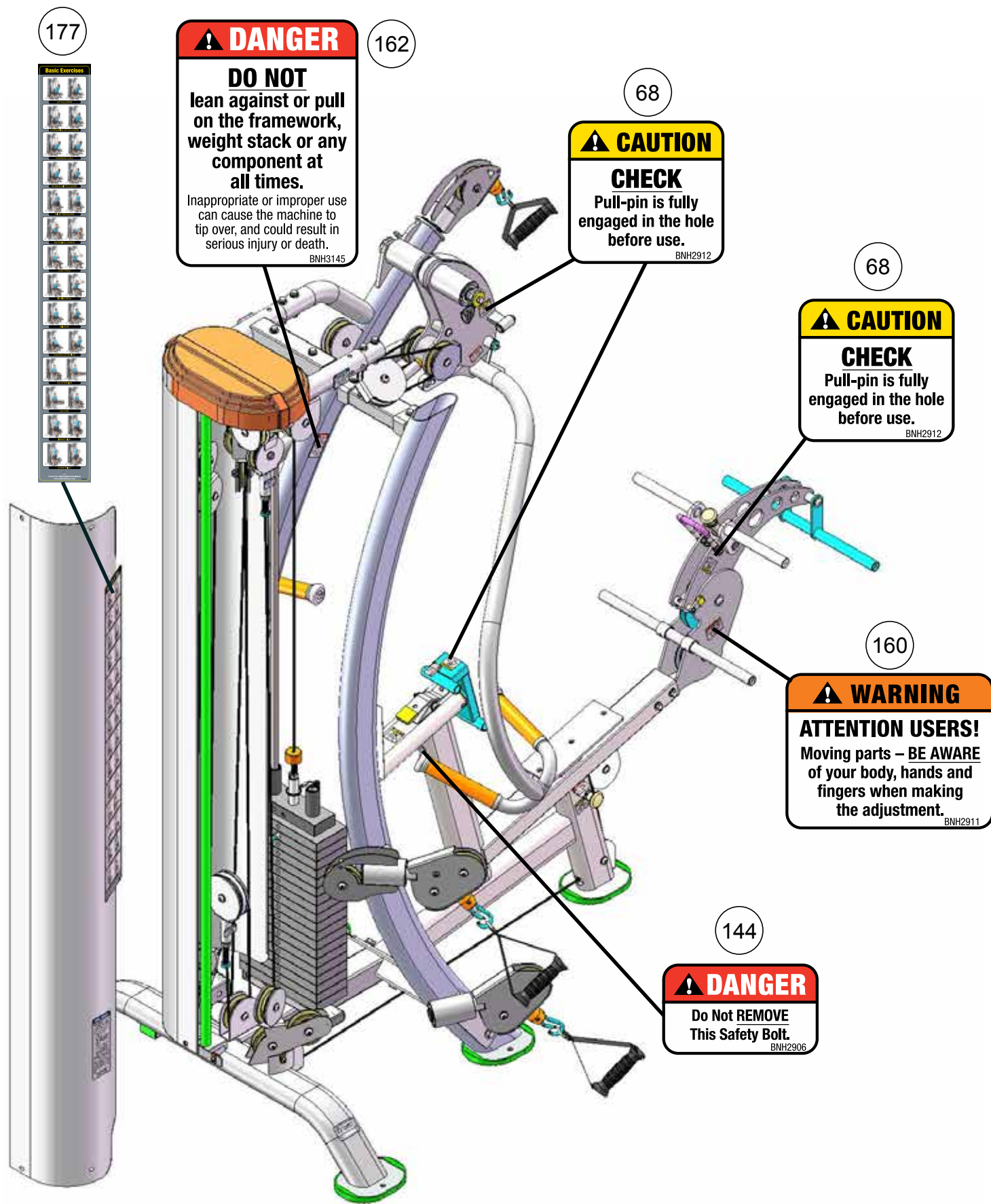
**CAUTION**  
**CHECK**  
 Pull-pin is fully engaged in the hole before use.  
BNH2912

161

**TUFFSTUFF FITNESS INTERNATIONAL, INC.**  
  
**1-888-884-8275**  
 www.tuffstufffitness.com  
 MODEL \_\_\_\_\_  
 SERIAL # \_\_\_\_\_  
BNH3147



# Carefully read ALL Danger, Warning & Caution labels posted on the machine



171

**WARRANTY**

**HOME LIFETIME\***

For the LIFE of the product while owned by the original purchaser from defects in material and workmanship.

\*This warranty does not cover:

1. TuffStuff products sold for and used in a commercial or institutional environment.
2. Any misuse, neglect, abuse, improper assembly & maintenance, or failure to follow instructions or warnings in the Owner's Manual and warning labels posted on the machines.
3. Use of this apparatus in a manner for which it was not designed.
4. Original product that is altered, or the use of replacement parts and components parts of another manufacturer other than TuffStuff.

All warranty periods begin to run from the date of purchase to the original purchaser. The obligation of TuffStuff under this warranty is limited to repairing or replacing warranted defective parts, as TuffStuff may elect, at TuffStuff's facility in Chino, California, without charge to the Purchaser for either parts or labor. Purchaser is responsible for installation of repaired or replaced parts, and all transportation and insurance costs to and from TuffStuff's facility in Chino. For a detailed copy of the warranty, please contact:

TuffStuff Fitness International  
Chino, CA 91710, USA  
www.tuffstufffitness.com

BNH3156

170

**WARNING**

Serious injury or death can occur if these rules are not followed:

**Home Use Only**

1. **Read and Understand the Owner's Manual**, all danger, warning and caution labels before using this equipment. If you need further assistance, call TuffStuff.
2. **Obtain a medical examination** before beginning any form of exercise program.
3. **Stop exercising** if you feel faint or dizzy. Call for help if you are experiencing pain.
4. **Inspect equipment** prior to use for wear and tear, loose fittings, worn or frayed cables and frame welds. Do not attempt to fix or free any jammed parts yourself. Call your TuffStuff Dealer.
5. **Use this equipment** only for the intended use and for exercises shown in the exercise label.
6. **Keep body, clothing and hair** clear from all moving parts.
7. **Children must not be allowed** near this machine. Teenager must be supervised.
8. **Make sure** the selector pin is fully inserted. Use only the factory selector pin provided.
9. **Do not modify** weight stack with any add-on weights.
10. **Do not remove** any labels on the machine. Replace if damaged.

TuffStuff Fitness International  
Chino, CA 91710, USA.

BNH3157

166

**INSPECTIONS**

Home Use Only Recommended Inspection	DAILY	WEEKLY	MONTHLY	6-MONTH
<b>INSPECT:</b> Links, pull-pins, snap locks, swivels, connectors, selector pin, and welded-joints.	X			
<b>CLEAN:</b> Upholstery with lanolin-base cleaner. Do not use Windex.	X			
<b>INSPECT:</b> Cables and tension (adjust if needed).	X			
<b>INSPECT:</b> All labels		X		
<b>INSPECT:</b> All nuts and bolts (tighten if needed).		X		
<b>INSPECT:</b> Accessory bars, handles, rubber grips.		X		
<b>INSPECT:</b> All anti-skid surfaces.		X		
<b>CLEAN &amp; LUBRICATE:</b> Clean guide rods with Super Lube® spray lubricant and lubricate with Super Lube® (PTFE) grease.			X	
<b>LUBRICATE:</b> Seat sleeves, pull-pin sliding mechanism, bushings and linear bearings.			X	
<b>CLEAN &amp; WAX:</b> All powder-coat finishes.				X

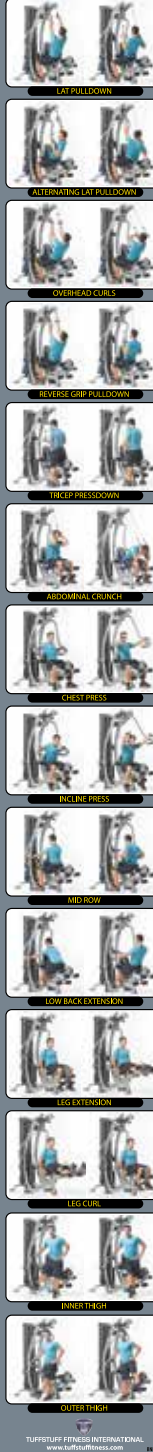
Use only genuine TuffStuff replacement parts. Failure to do so will void warranty and could result in serious injury or death.

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Chino, CA 91710, USA  
www.tuffstufffitness.com

BNH3155

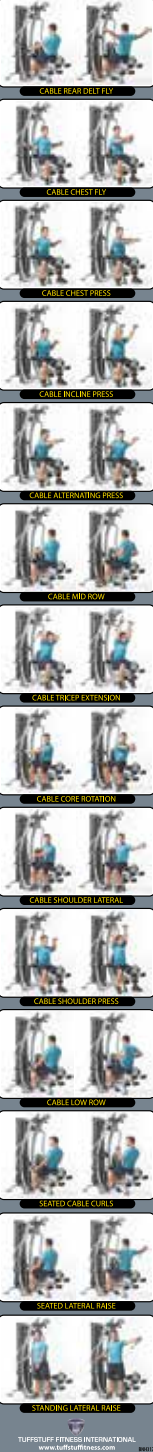
177

**Basic Exercises**



178

**Basic Exercises**



153

**IMPORTANT**

**CHECK CABLES**  
Be sure cables run between the pulleys and working properly.

BNH3113

164

**IMPORTANT**

**ADJUST**  
Cable Tension Here

BNH2924

159

**IMPORTANT**

For smooth performance, lubricate all gliding surfaces with silicone spray lubricant.

BNH2916

165

**IMPORTANT**

For smooth performance, clean guide rods with Super Lube® spray lubricant and lubricate with Super Lube® (PTFE) grease.

BNH2925

162

**DANGER**

**DO NOT**  
lean against or pull on the framework, weight stack or any component at all times.

Inappropriate or improper use can cause the machine to tip over, and could result in serious injury or death.

BNH3145

163

**DANGER**

**Use this equipment ONLY** for its intended purpose. If you are unfamiliar with the equipment or procedure, refer to your Owner's Manual or call TuffStuff at 888-884-8275.

Failure to comply could result in serious injury or death.

BNH2903

95

**DANGER**

**TIGHTEN**  
this retaining nut before use.

BNH3146

144

**DANGER**

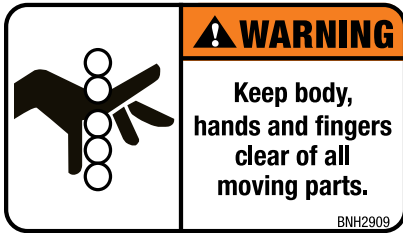
**Do Not REMOVE**  
This Safety Bolt.

BNH2906



# Carefully read ALL Danger, Warning & Caution labels posted on the machine

168



160



169



167

TOP PLATE 10 lbs.	TOP PLATE 4.5 kgs.
20 lbs.	9.1 kgs.
30 lbs.	13.6 kgs.
40 lbs.	18.1 kgs.
50 lbs.	22.7 kgs.
60 lbs.	27.2 kgs.
70 lbs.	31.8 kgs.
80 lbs.	36.3 kgs.
90 lbs.	40.8 kgs.
100 lbs.	45.4 kgs.
110 lbs.	49.9 kgs.
120 lbs.	54.4 kgs.
130 lbs.	59.0 kgs.
140 lbs.	63.5 kgs.
150 lbs.	68.0 kgs.
160 lbs.	72.6 kgs.
170 lbs.	77.1 kgs.
180 lbs.	81.6 kgs.
190 lbs.	86.2 kgs.
200 lbs.	90.7 kgs.

68



149



161



59

## BE ALERT!

**THE FITNESS EQUIPMENT YOU HAVE JUST PURCHASED PRESENTS HAZARDS WHICH, IF NOT AVOIDED, COULD CAUSE SERIOUS INJURY OR DEATH.**

Prior to using the equipment, **READ** the **OWNER'S MANUAL** thoroughly, all danger, warning & caution labels and instruction placards affixed to the machine.

If you are unsure on how to use the equipment, seek the assistance of a certified training instructor, TuffStuff authorized dealer or TuffStuff customer service personnel.

Immediately report any piece of equipment that is not functioning properly. **DO NOT ATTEMPT** to use or fix any piece of equipment yourself. Contact TuffStuff immediately.

ASTM F1749-96      TUFFSTUFF FITNESS INTERNATIONAL, CHINO, CA 91710  
BNH3139

It is extremely important that the **BE ALERT! Sign** shown to the left be installed in plain view of the unit.

You should have received it along with this Owner's Manual. If you did not receive this Sign with your order, you can obtain one at no cost to you from TuffStuff Fitness by contacting our service department at:

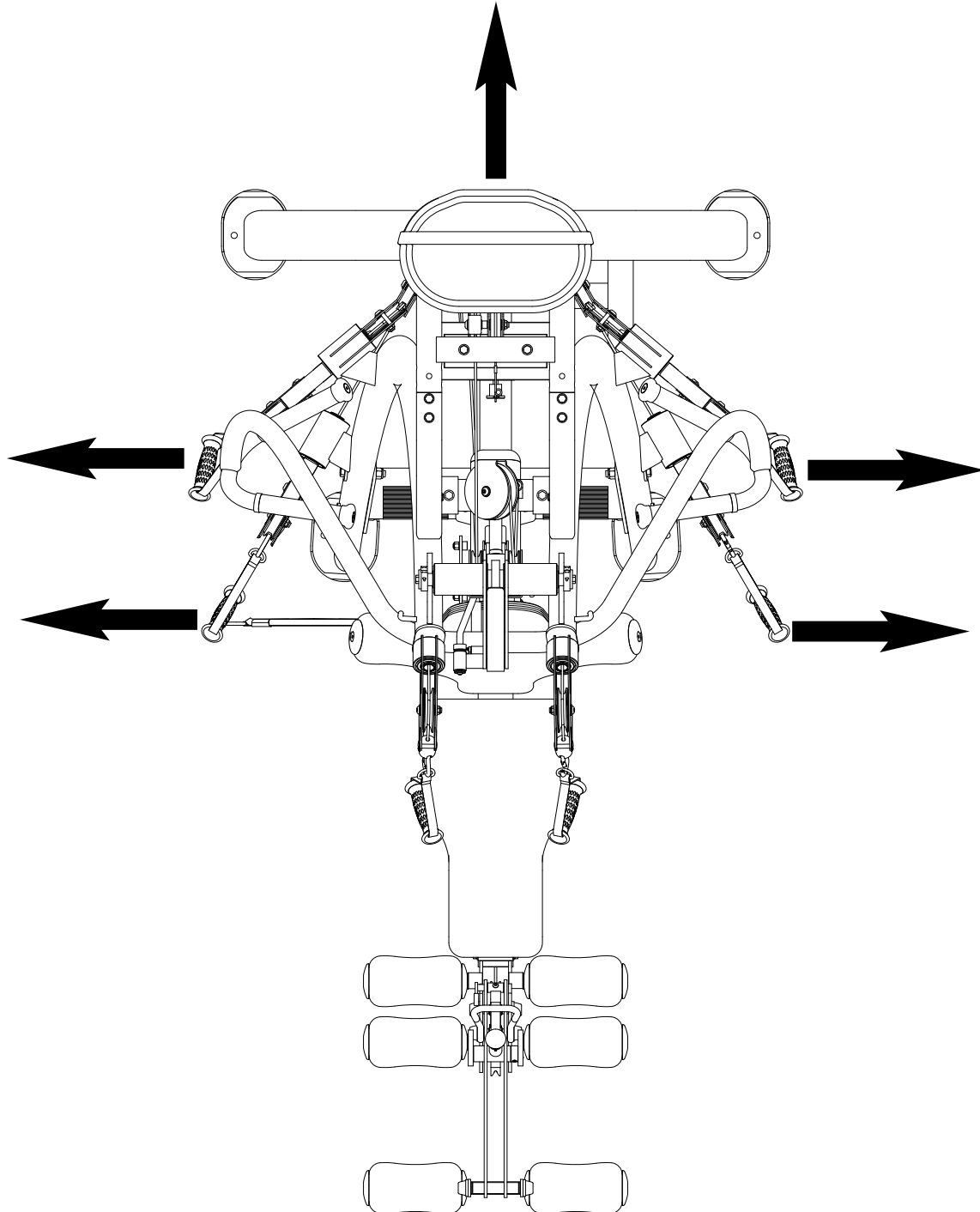
1 (888) 884-8275  
service@tuffstuff.net  
service1@tuffstuff.net

# Important Safety Instructions



## ⚠ DANGER

**DO NOT pull or perform any exercises to the sides or to the back of the machine. Excessive pulling or force can cause the machine to tip over, and may result in serious injuries or death**



# Important Safety Instructions



*If you have not participated in a regular exercise program, smoke or have signs of high blood pressure, you must obtain a medical exam or consult with your personal physician before performing any SXT-550 exercises illustrated in this manual.*

## **⚠ WARNING** SERIOUS INJURY OR DEATH CAN OCCUR IF THESE SAFETY PRECAUTIONS ARE NOT OBSERVED:

1. **Read and understand Owner's Manual** and all Danger, Warning and Caution labels before using this equipment. If you still need help, call TuffStuff Fitness International.
2. Inspect the equipment before each use for wear and tear, loose fittings, worn or frayed cables and frame welds. **DO NOT USE** if it appears to be inoperable or damaged.
3. Stop exercising if you feel faint or dizzy. Call your doctor immediately if you are experiencing pain.
4. Use this equipment only for the intended use and for exercise(s) shown on page 00.
5. Keep body, clothing and hair clear from all moving parts. Do not attempt to free any jammed parts by yourself.
6. Do not lean against or pull on the framework, weight stack or any component, whether the machine is in use or at rest.
7. Do not use accessories or accessory attachments that are not recommended by TuffStuff.
8. Children must not be allowed near the equipment. Teenager must be supervised.
9. Make sure selector pin is completely inserted and never pin the weights in an elevated position. Use only the selector pin provided by the manufacturer.
10. Do not remove any decals affixed to the machine. Replace if damaged.
11. Do not alter or modify the original manufacturer's 200 lbs. weight stack with any add-on incremental weights, weight plates or dumbbells except those with standard factory installed option.
12. Perform regular maintenance (see INSPECTION Label). Pay special attention to areas most susceptible to wear and tear, including but not limited to cables, pulleys and rubber grips.
13. Replace immediately all parts at first sign of wear or damage. Use only genuine TuffStuff replacement parts. Failure to do so will void warranty and could result in serious injury or death to you.

### Training Safety

1. Always warm-up before and cool-down after weight training. Warm-up for 10-15 minutes with stretching and cardiovascular exercises. Cool-down should include light stretching exercises for 5-15 minutes.
2. Never hold your breath – will limit the flow of oxygen to your brain and may cause dizziness. The most often used breathing pattern is inhaling during least resistance and exhaling during maximum resistance.
3. Always choose a light resistance when using the machine the first time.
4. Trained at a controlled rate of speed



**DANGER:** indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



**WARNING:** indicates a potentially hazardous situation which, if not avoided, will result in death or serious injury.



**CAUTION:** indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

# Registration, Service & Assembly



Thank you for purchasing the SXT-550 Deluxe Hybrid Trainer. This machine is part of the TuffStuff line of quality strength training equipment. To maximize your use of the equipment, please study the Owner's Manual thoroughly.

## Registration

To avoid unnecessary delays on warranty parts and to insure that a permanent record of your purchase is on file with our company, be sure to register online at <http://www.tuffstufffitness.com> or mail to address shown below within 10 days of purchase.

## Obtaining Service

Please use this Owner's Manual as your guide to all parts included in your shipment. When ordering parts, you must specify the part number and description from this owner's manual. **Use only genuine TuffStuff replacement parts when servicing the equipment.** Failure to do so will void warranty and could result in serious injury or death.

For information about product operation or service:

Phone: 909-629-1600 Toll Free 888-884-8275  
Fax: 909-629-4967  
E-mail: [service@tuffstuff.net](mailto:service@tuffstuff.net) or [service1@tuffstuff.net](mailto:service1@tuffstuff.net)  
Hours: M-F 8:00 – 4:30 PST  
Or write to: TuffStuff Fitness International Inc.  
Customer Service  
13971 Norton Avenue, Chino, CA 91710

**Retain this Owner's Manual for future reference when ordering service or parts. To assist you better, please be prepared to provide the following information:**

1. Model Number
2. Place of Purchase
3. Serial Number
4. Part # and Description

## Required Tools

The basic tools that you will need to assemble the SXT-550 but are not limited to:

- 9/16", 3/4", 1/2" combination wrenches
- Adjustable wrench
- Ratchet wrench with 9/16", 3/4", 1/2" sockets
- External retaining ring pliers
- Rubber mallet, measuring tape & utility knife
- Super Lube® spray lubricant and grease
- Windex or household glass cleaner

## Assembly Requirements

Follow these installation requirements when assembling the SXT-550. Use the overhead view on the Content Page to layout your floor plan before assembling.

Set up the SXT-550 on a clean, solid, flat surface. A smooth, flat surface under the machine helps keep it level.

Allow ample space around the machine for safe unrestricted use and easier access.

Insert all bolts in the same direction. For aesthetic appearance, insert all bolts in the same direction unless specified (in text or illustration) to do otherwise.

Leave room for adjustments. Do not fully tighten fasteners until instructed in the assembly steps to do so (to prevent any difficulty with alignment of parts during the assembly process). When not instructed, tighten fasteners such as bolts, nuts and screws so the unit is stable, but leave room for adjustments.

## Assembly Tips

Read all "Notes" on each page before beginning each step.

While you may be able to assemble the SXT-550 using the illustrations only, IMPORTANT safety notes and other tips are included in the text.

Some pieces may have extra holes that you will not use. Use only those holes indicated in the instructions and illustration.

**NOTE:** With so many assembled parts, proper alignment and adjustment is critical. While tightening the nuts and bolts, be sure to leave room for final adjustments.

**CAUTION:** Obtain assistance from TFI if you have difficulty assembling the SXT-550. Please do not attempt to complete the assembly as this could result in equipment failure and serious injuries to the users.

## Symbols & Description

**70%** **Loosely Fasten**  
Loosely tighten all hardware in this step. DO NOT fully tighten. Some component(s) may need pre-assembly and or alignment during the assembly process.

**100%** **Fully Fasten**  
Wrench tighten all hardware in this step.







## WARNING:

THE FOLLOWING CONDITIONS MAY INDICATE A WORN CABLE. REPLACE IMMEDIATELY.



"NECKING", STRETCHED CABLE COVERING



A CRACK IN THE CABLE COVER



A TEAR IN THE CABLE COVER



A BREAK ON THE CABLE



CABLE END SLIPPING OUT

## IMPORTANT NOTE:

DAMAGED OR WORN CABLE (AS SHOWN ABOVE) MAY DAMAGE THE PULLEY(S). YOU MUST INSPECT THE PULLEYS AT THIS TIME FOR WEAR AND TEAR. REPLACE IF NEEDED.

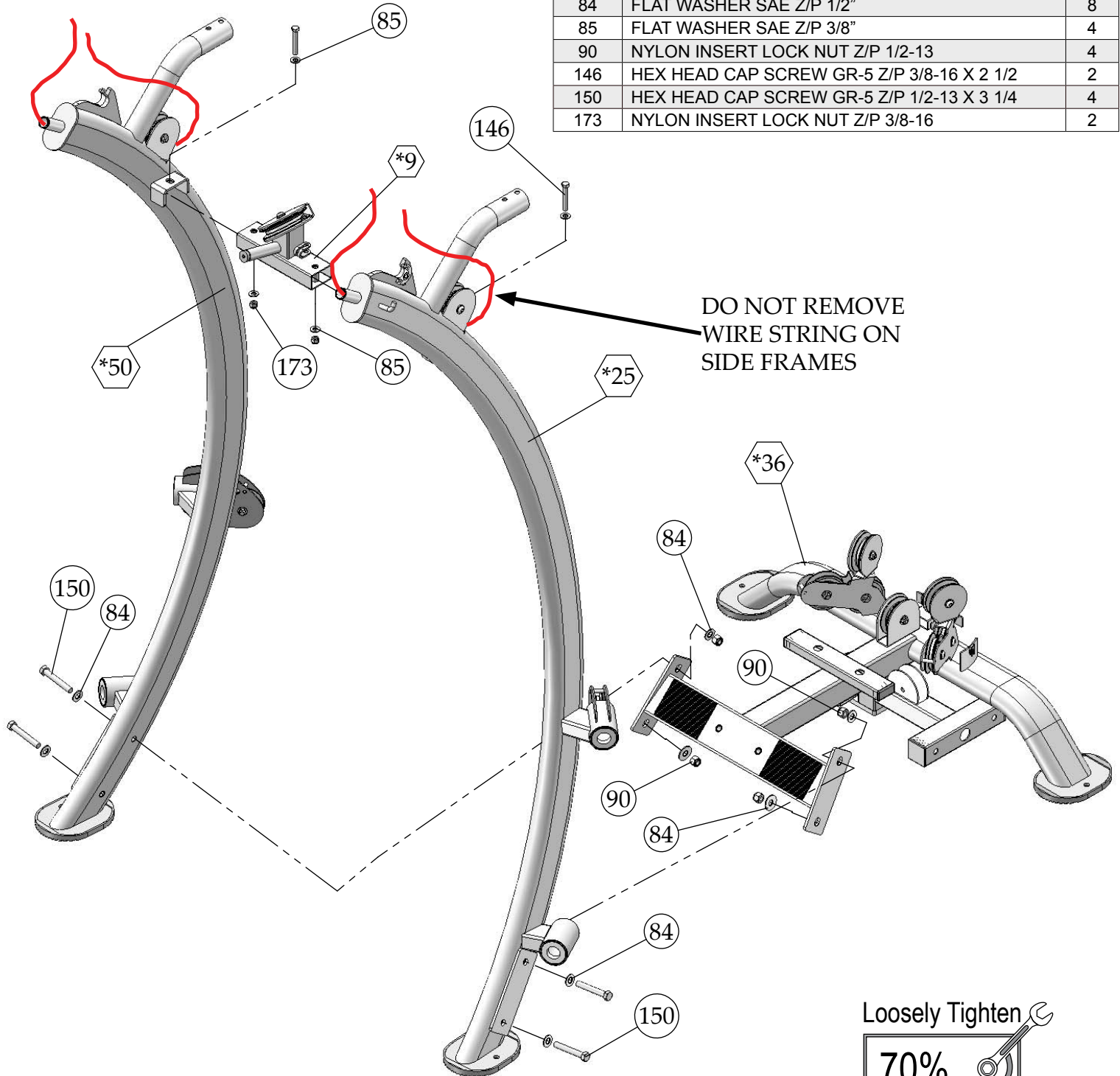
# Step 1



**Note:**

1. It is strongly recommended that two people participate in the assembly of this unit.

Step 1 Assembly List		
Item #	Description	Qty.
*9	TOP CROSS BRACE	1
*25	SIDE FRAME LT	1
*36	REAR STABILIZER	1
*50	SIDE FRAME RT	1
84	FLAT WASHER SAE Z/P 1/2"	8
85	FLAT WASHER SAE Z/P 3/8"	4
90	NYLON INSERT LOCK NUT Z/P 1/2-13	4
146	HEX HEAD CAP SCREW GR-5 Z/P 3/8-16 X 2 1/2	2
150	HEX HEAD CAP SCREW GR-5 Z/P 1/2-13 X 3 1/4	4
173	NYLON INSERT LOCK NUT Z/P 3/8-16	2



Loosely Tighten

**70%**

**Loosely Tighten**

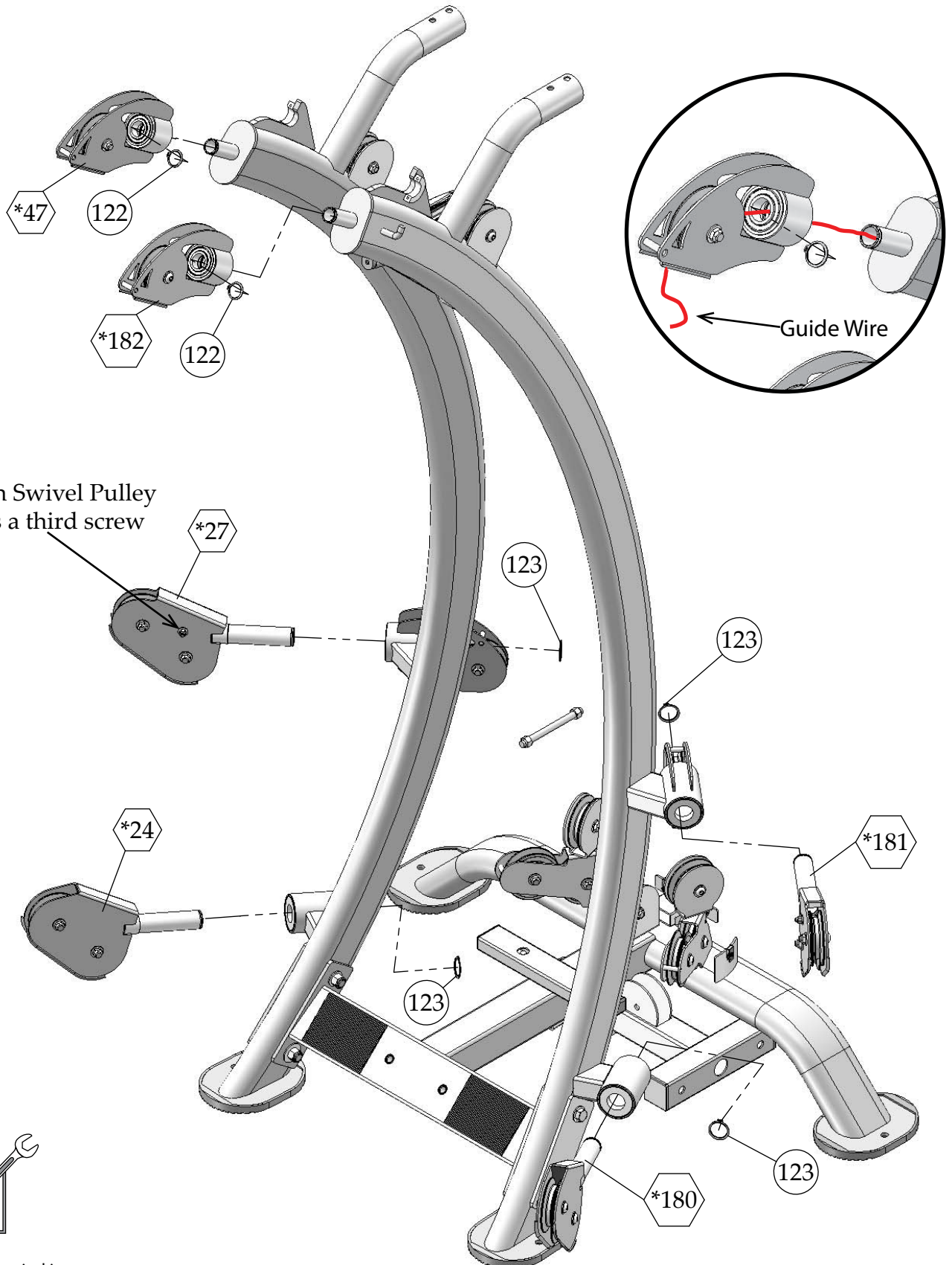
Loosely tighten all hardware in this step.

# Step 2



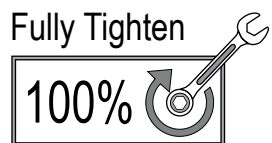
## Note:

Run wire thru brackets as shown below and secure it (**do not remove wire**).



## Note :

Mid Section Swivel Pulley Bracket has a third screw



## Fully Tighten

Wrench tighten all hardware in this step.

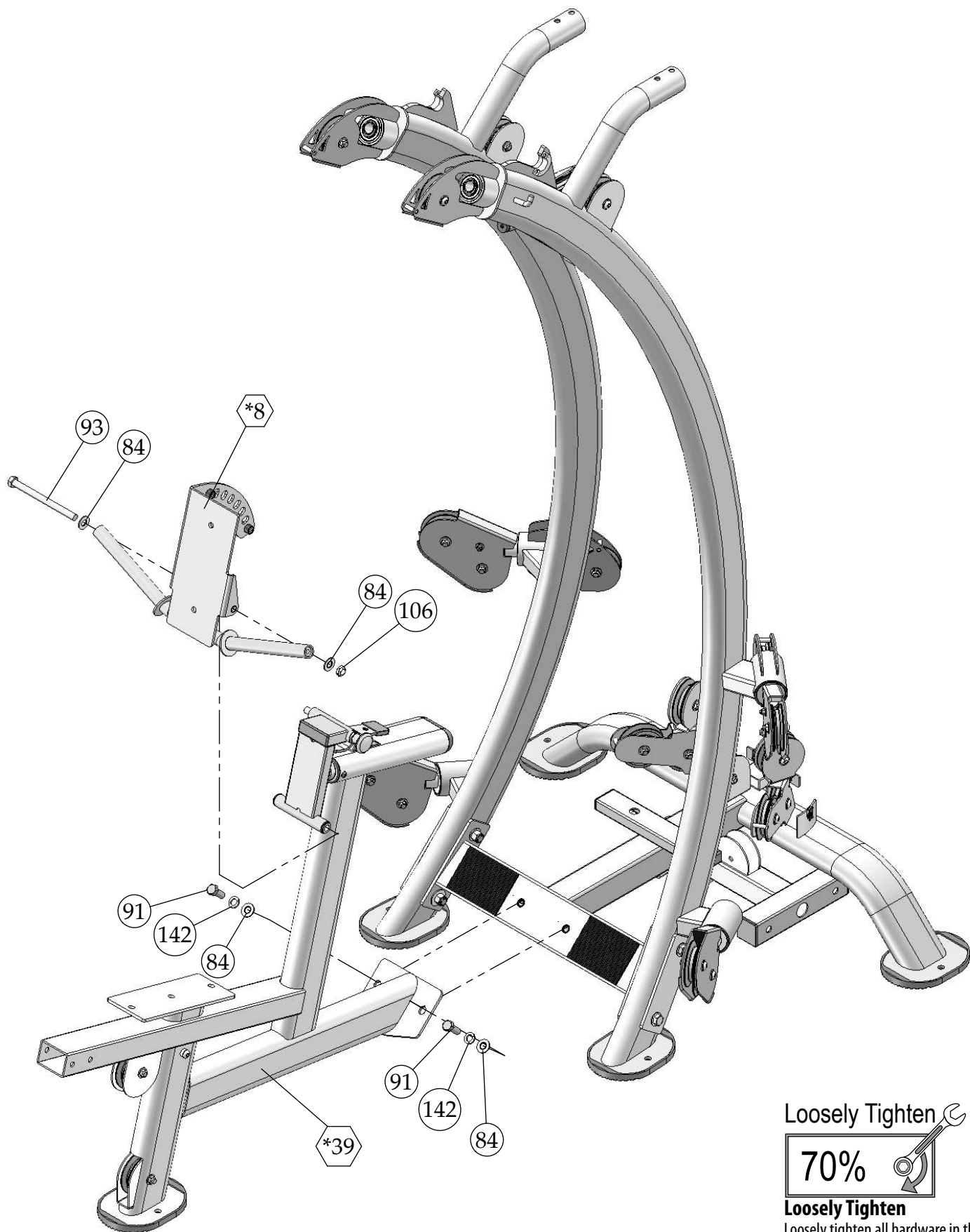





## Step 2 Assembly List

Item #	Description	Qty.
*24	LOW SECTION SWIVEL PULLEY BRACKET RT	1
*27	MID SECTION SWIVEL PULLEY BRACKET RT	1
*47	TOP SWIVEL PULLEY BRACKET RT	1
122	RETAINING SNAP RING EXT. PLAIN .925 X 1 X .042	2
123	RETAINING SNAP RING EXT. PLAIN 1 1/4"	4
*180	LOW SECTION SWIVEL PULLEY BRACKET LT	1
*181	MID SECTION SWIVEL PULLEY BRACKET LT	1
*182	TOP SWIVEL PULLEY BRACKET LT	1

# Step 3



Loosely Tighten 

**70%** 

**Loosely Tighten**  
Loosely tighten all hardware in this step.



### Step 3 Assembly List

Item #	Description	Qty.
*8	BACK PAD BRACKET	1
*39	SEAT FRAME	1
84	FLAT WASHER SAE Z/P 1/2"	4
91	HEX HEAD CAP SCREW GR-5 Z/P 1/2-13 X 1 1/4	2
93	HEX HEAD CAP SCREW GR-5 Z/P 1/2-13 X 6 1/4	1
106	NYLON INSERT THIN PATTERN LOCK NUT Z/P 1/2-13	1
142	SPLIT LOCK WASHER Z/P 1/2"	2

# Step 4

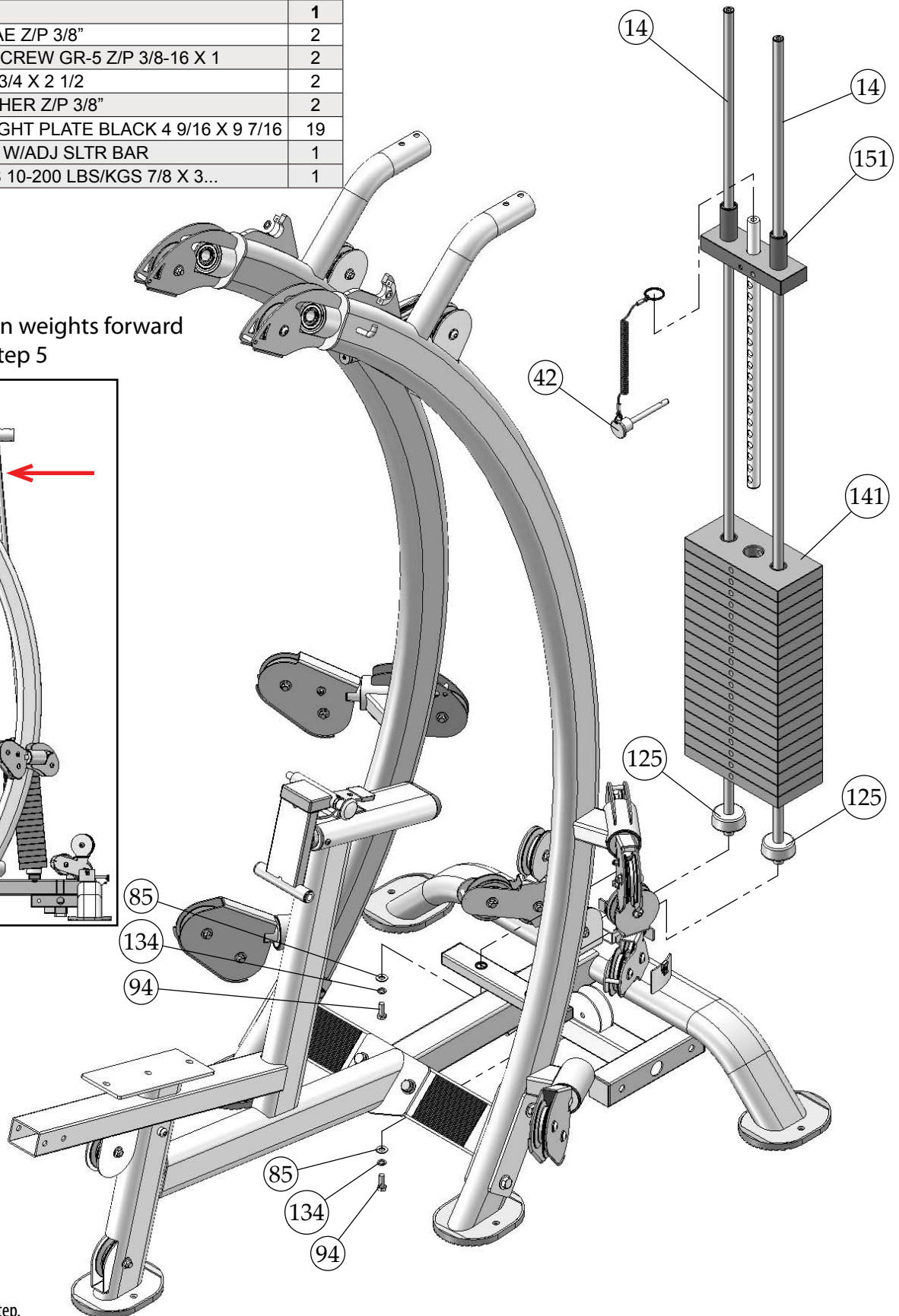
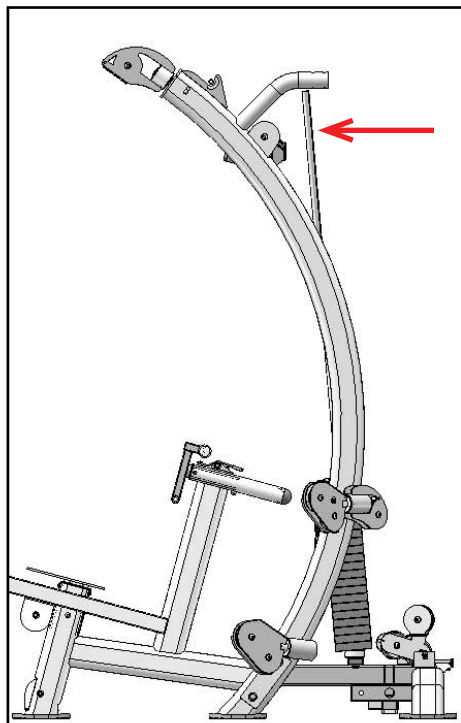


## Step 4 Assembly List

Item #	Description	Qty.
14	GUIDE ROD 3/4 X 72	2
42	SELECTOR PIN	1
85	FLAT WASHER SAE Z/P 3/8"	2
94	HEX HEAD CAP SCREW GR-5 Z/P 3/8-16 X 1	2
125	RUBBER DONUT 3/4 X 2 1/2	2
134	SPLIT LOCK WASHER Z/P 3/8"	2
141	10 LB STEEL WEIGHT PLATE BLACK 4 9/16 X 9 7/16	19
151	10 LB TOP PLATE W/ADJ SLTR BAR	1
167	LABEL-NUMBERS 10-200 LBS/KGS 7/8 X 3...	1

### Note:

- Once assembled, lean weights forward to easily assemble Step 5



Loosely Tighten

**70%**

**Loosely Tighten**

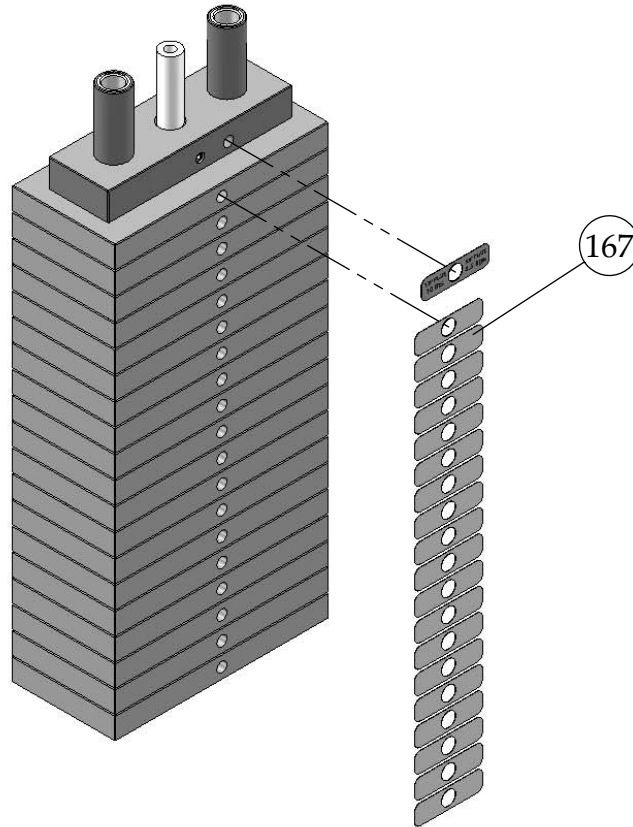
Loosely tighten all hardware in this step.





**Note:**

1. Top plate label goes on hole off center as shown. Label will cover hole on center.



**Weight stack label and lubrication instructions**

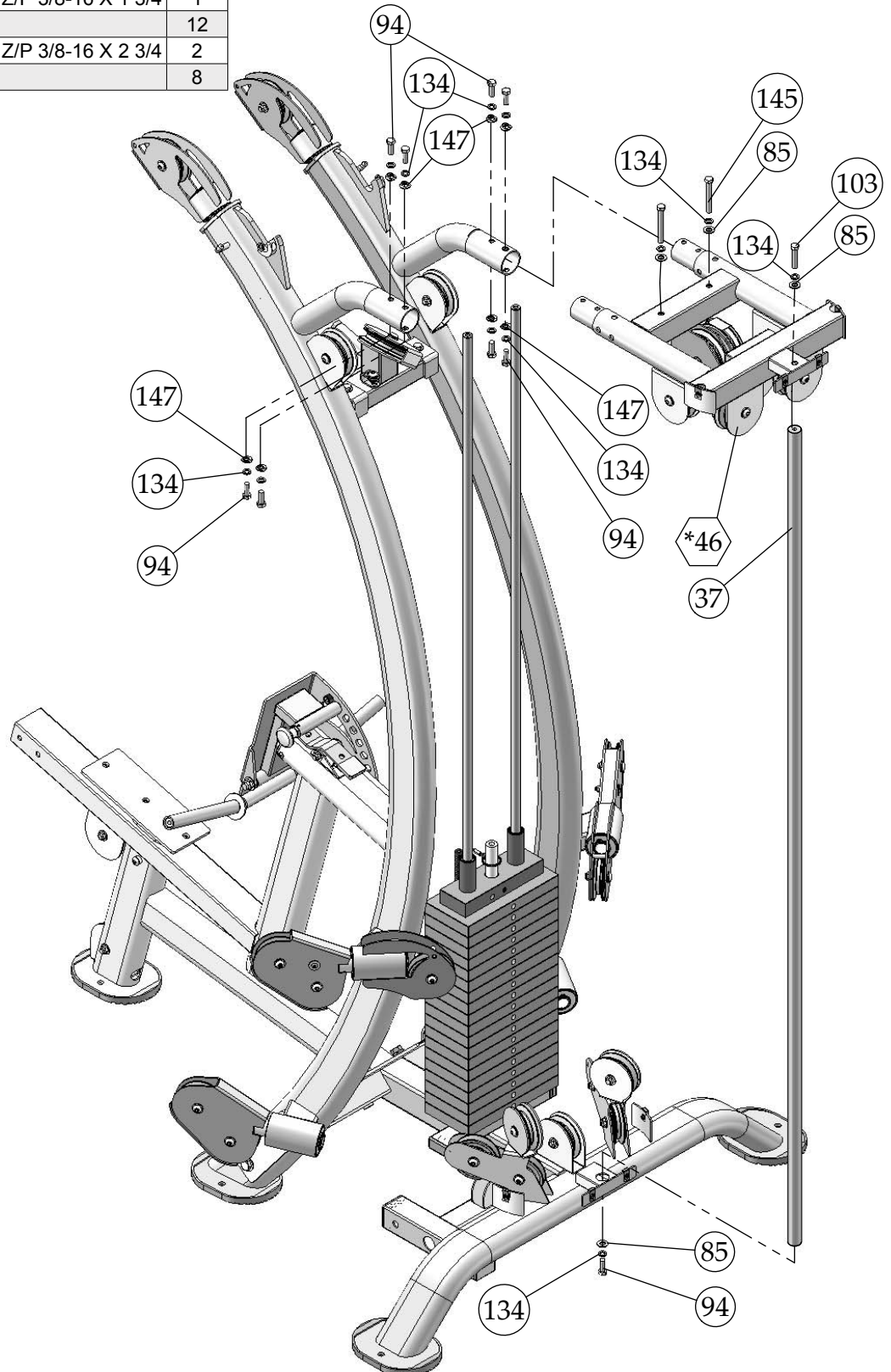
1. Wipe front surface of weight stack with rubbing alcohol and wipe dry.
2. Peel off back sheet (adhesive side) from label (#167) and make sure that the label remains attached to the application tape.
3. Line up left edge of label sheet with outside edge of weight holes.
4. Line up the first label to hole on top plate.
5. Make sure label is straight and slowly press into place.
6. Gently remove application tape and rub each label firmly against the weight stack.
7. Allow labels to stand for 2 days to allow adhesive to cure fully.
8. Open the lube package provided and apply a thin film of lubricant around the first 3 inches of the guide rods above the top plate.
9. After the cables are installed, do a set of reps to spread the lubricant thoroughly.

# Step 5

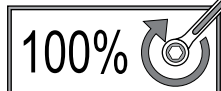


## Step 5 Assembly List

Item #	Description	Qty.
37	REAR SUPPORT SHAFT	1
*46	TOP ASSEMBLY	1
85	FLAT WASHER SAE Z/P 3/8"	4
94	HEX HEAD CAP SCREW GR-5 Z/P 3/8-16 X 1	9
103	HEX HEAD CAP SCREW GR-5 Z/P 3/8-16 X 1 3/4	1
134	SPLIT LOCK WASHER Z/P 3/8"	12
145	HEX HEAD CAP SCREW GR-5 Z/P 3/8-16 X 2 3/4	2
147	OVAL WASHER Z/P 3/8"	8



Fully Tighten



**Fully Tighten**

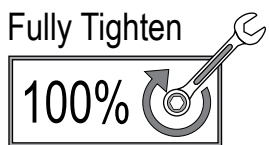
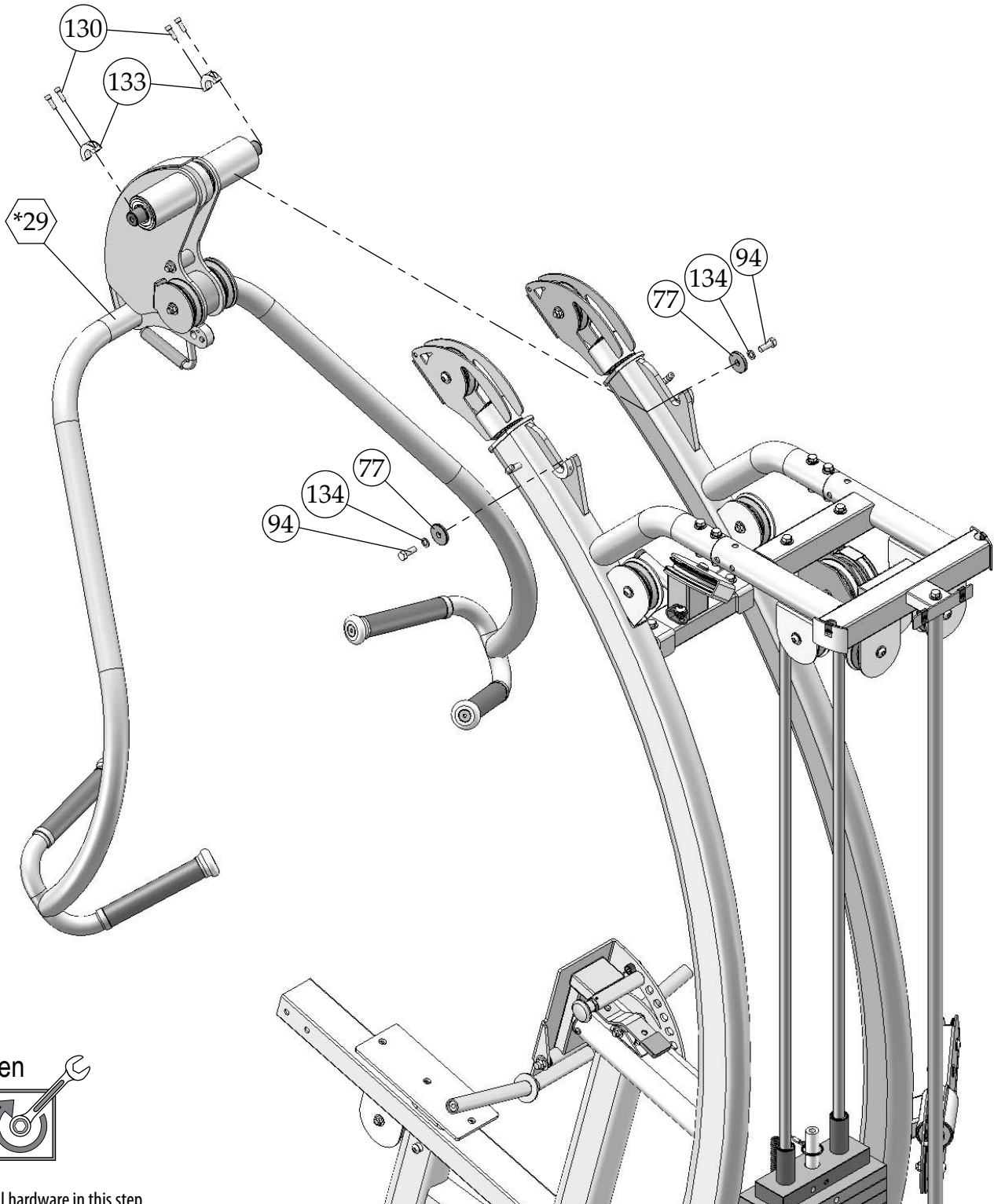
Wrench tighten all hardware in this and previous loosely tighten steps.

# Step 6



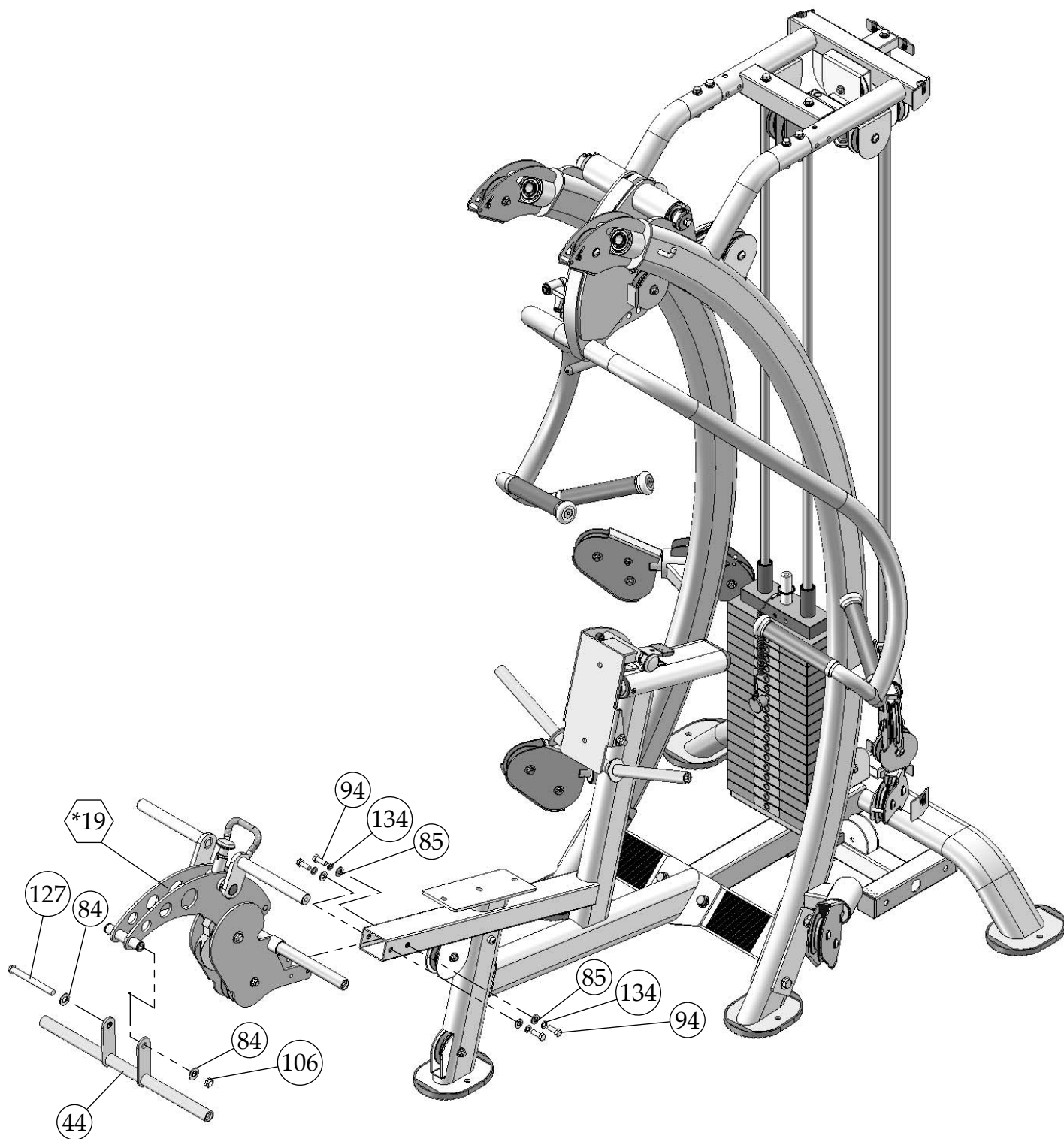
## Step 6 Assembly List

Item #	Description	Qty.
*29	PRESS BAR	1
77	SUPPORT WASHER Z/P 3/8 ID X 1 1/2 OD X 3/16	2
94	HEX HEAD CAP SCREW GR-5 Z/P 3/8-16 X 1	2
130	"SOCKET CAP SCREW N/P 1/4-20 X 3/4"	4
133	SPLIT COLLAR B/O 1"	2
134	SPLIT LOCK WASHER Z/P 3/8"	2

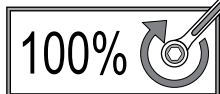


**Fully Tighten**  
Wrench tighten all hardware in this step.

# Step 7



Fully Tighten



**Fully Tighten**

Wrench tighten all hardware in this step.





## Step 7 Assembly List

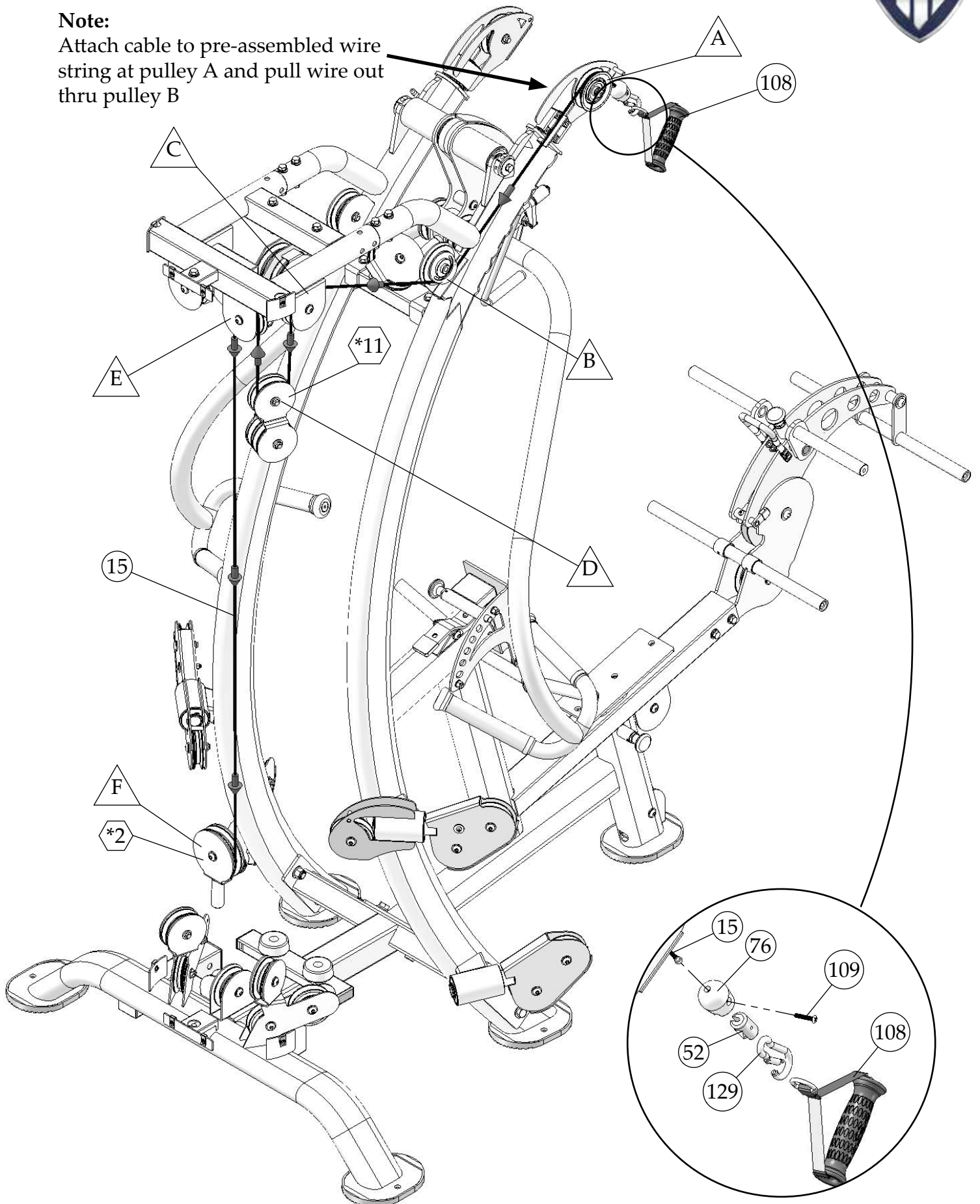
Item #	Description	Qty.
*19	LEG EXT/CURL PIVOT ARM	1
44	SWIVEL FOOT ROLL TUBE	1
84	FLAT WASHER SAE Z/P 1/2"	2
85	FLAT WASHER SAE Z/P 3/8"	4
94	HEX HEAD CAP SCREW GR-5 Z/P 3/8-16 X 1	4
106	NYLON INSERT THIN PATTERN LOCK NUT Z/P 1/2-13	1
127	HEX HEAD CAP SCREW GR-5 Z/P 1/2-13 X 4 3/4	1
134	SPLIT LOCK WASHER Z/P 3/8"	4

# Step 8 Lat Cable



**Note:**

Attach cable to pre-assembled wire string at pulley A and pull wire out thru pulley B





## Step 8 Assembly List

Item #	Description	Qty.
*2	ADJUSTABLE PULLEY BRACKET (4 1/2)	1
*11	FLOATING TRIPLE PULLEY BRACKET	1
15	LAT CABLE (3/16" CABLE)	1
52	7/8 RD X 1 5/8 LINK 3/16 CABLE	1
76	CABLE STOPPER SHELL 1 1/2 X 1 3/4	1
108	NYLON SHORT HANDLE	1
109	OVAL HEAD PHILLIPS MACHINE SCREW Z/P #10-32 X 1 1/8	1
129	SNAP LINK Z/P 8MM X 80MM	1

**Note:**

1. Some parts not shown/cut out for clarity.

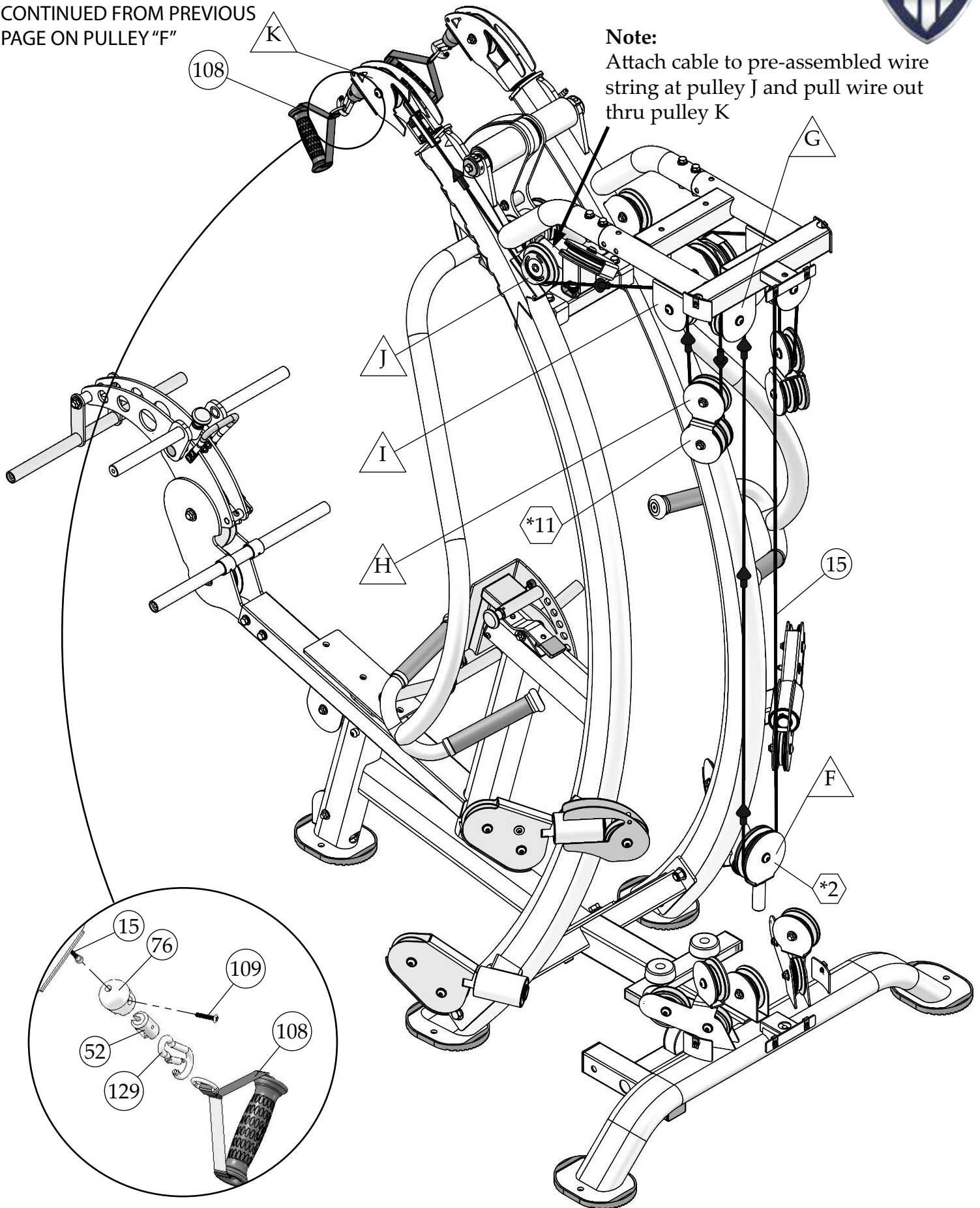
# Step 8 Lat Cable Continued



CONTINUED FROM PREVIOUS  
PAGE ON PULLEY "F"

**Note:**

Attach cable to pre-assembled wire string at pulley J and pull wire out thru pulley K







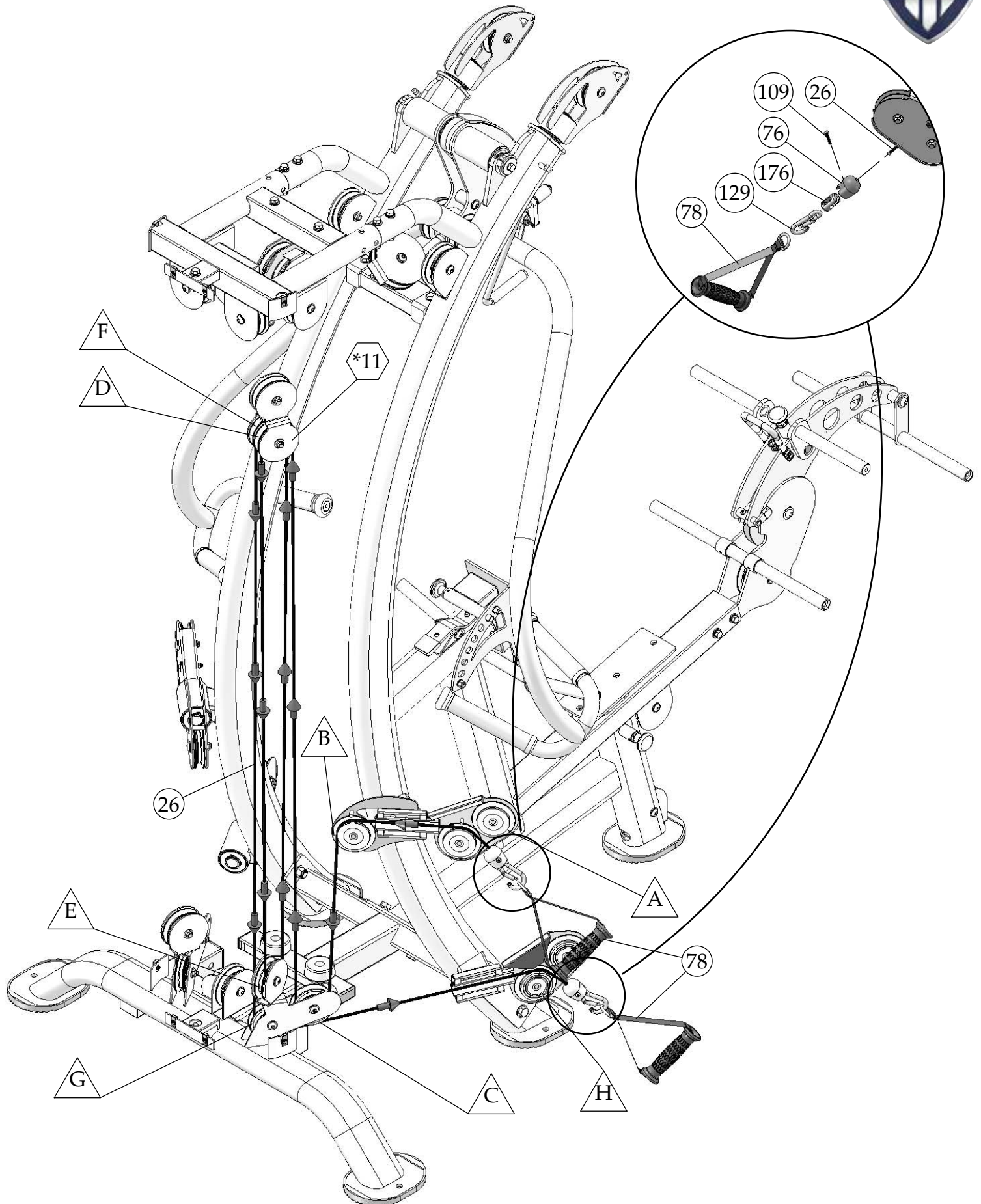
## Step 8 Assembly List

Item #	Description	Qty.
*2	ADJUSTABLE PULLEY BRACKET (4 1/2)	1
*11	FLOATING TRIPLE PULLEY BRACKET	1
15	LAT CABLE (3/16" CABLE)	1
52	7/8 RD X 1 5/8 LINK 3/16 CABLE	1
76	CABLE STOPPER SHELL 1 1/2 X 1 3/4	1
108	NYLON SHORT HANDLE	1
109	OVAL HEAD PHILLIPS MACHINE SCREW Z/P #10-32 X 1 1/8	1
129	SNAP LINK Z/P 8MM X 80MM	1

**Note:**

1. Some parts not shown/cut out for clarity.

# Step 9 Mid/Low Row Cable





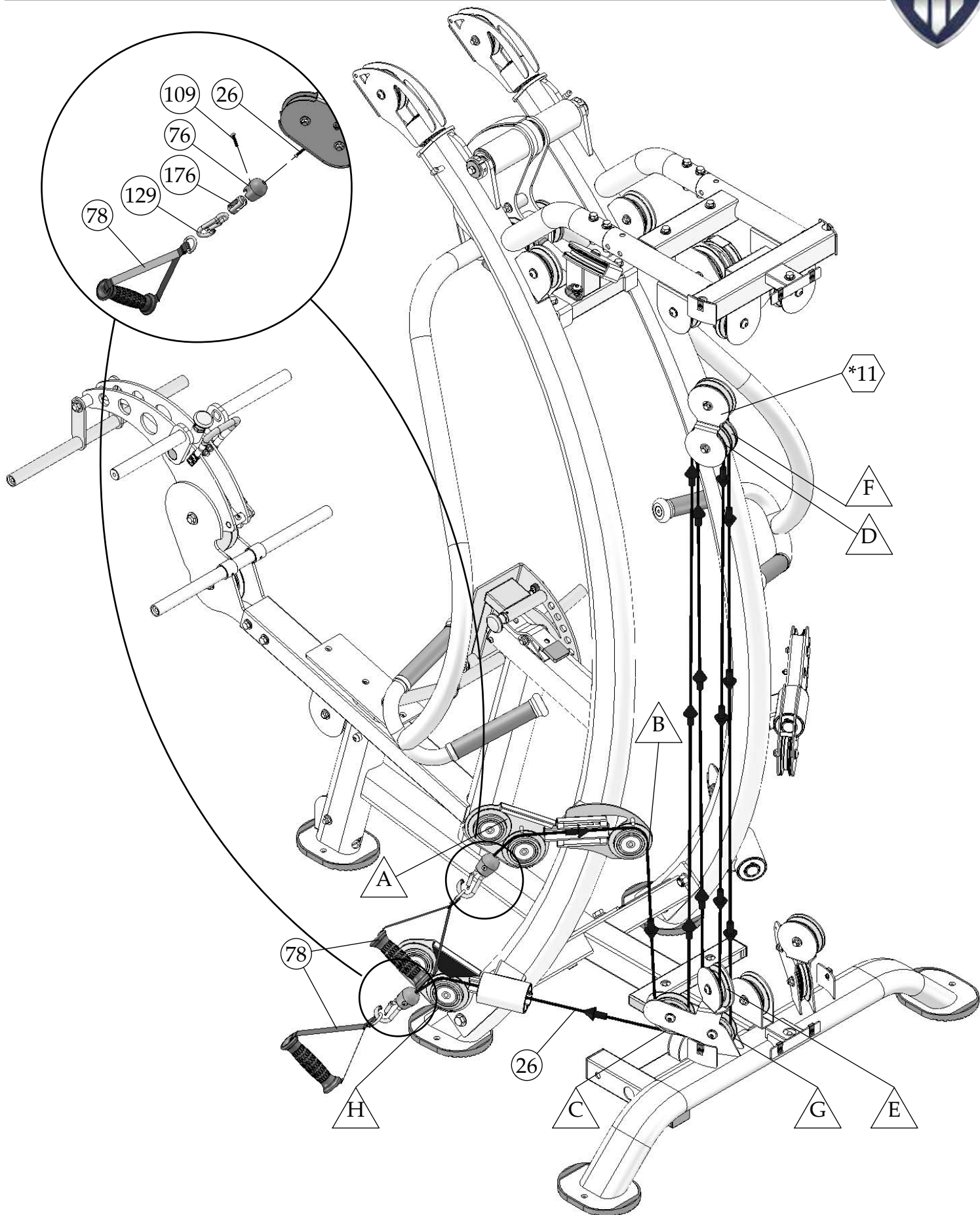
## Step 9 Assembly List

Item #	Description	Qty.
*11	FLOATING TRIPLE PULLEY BRACKET	1
26	MID ROW CABLE (1/8" CABLE)	1
76	CABLE STOPPER SHELL 1 1/2 X 1 3/4	2
78	CONTOUR ERGO HANDLE LONG STRAP	2
109	OVAL HEAD PHILLIPS MACHINE SCREW Z/P #10-32 X 1 1/8	2
129	SNAP LINK Z/P 8MM X 80MM	2
176	7/8 RD X 1 5/8 LINK 1/8 CABLE	2

**Note:**

1. Some parts not shown/cut out for clarity.

# Step 10 Mid/Low Row Cable







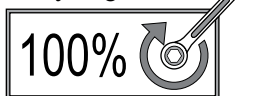
## Step 10 Assembly List

Item #	Description	Qty.
*11	FLOATING TRIPLE PULLEY BRACKET	1
26	MID ROW CABLE (1/8" CABLE)	1
76	CABLE STOPPER SHELL 1 1/2 X 1 3/4	2
78	CONTOUR ERGO HANDLE LONG STRAP	2
109	OVAL HEAD PHILLIPS MACHINE SCREW Z/P #10-32 X 1 1/8	2
129	SNAP LINK Z/P 8MM X 80MM	2
176	7/8 RD X 1 5/8 LINK 1/8 CABLE	2

### Note:

1. Some parts not shown/cut out for clarity.

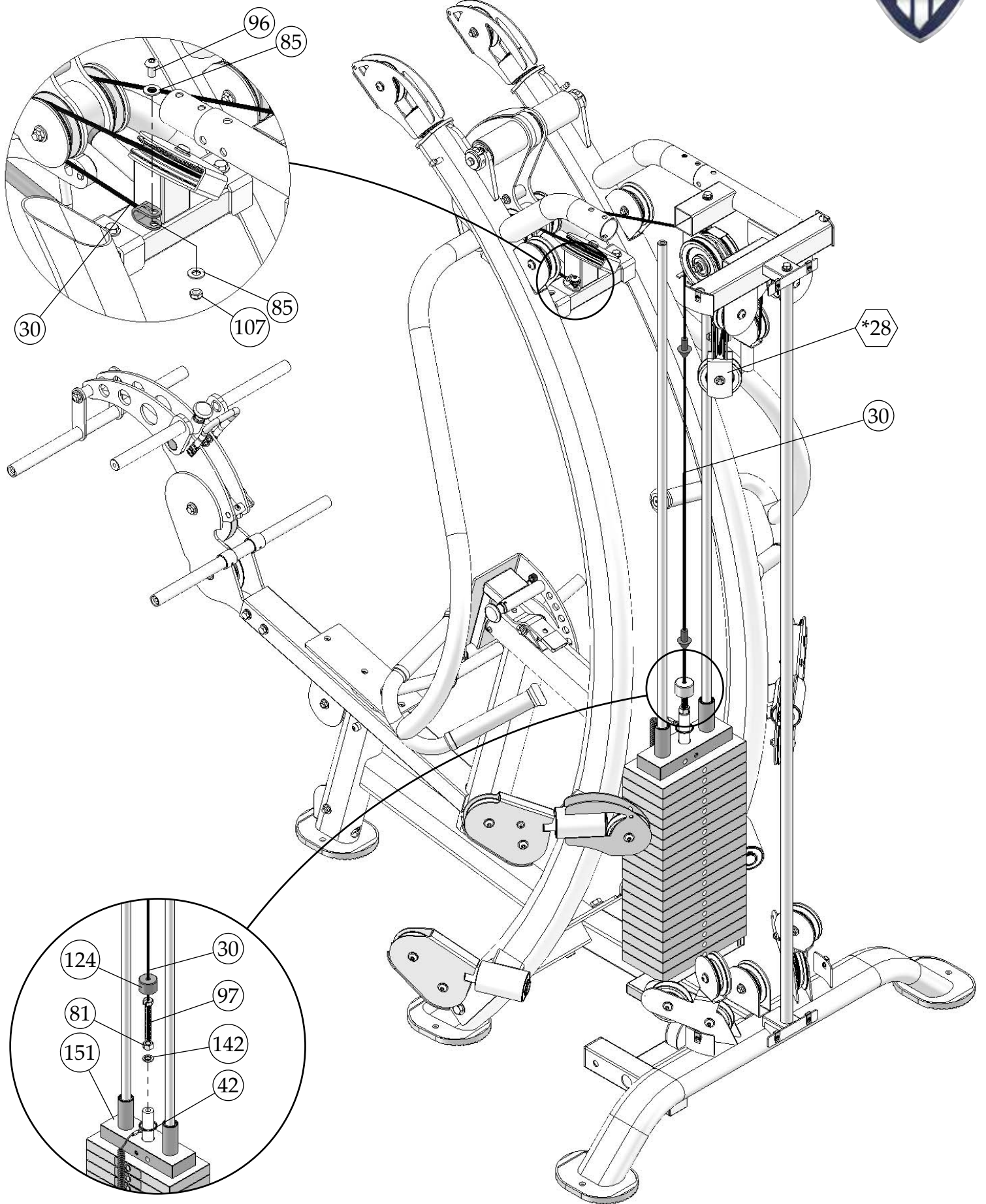
Fully Tighten



**Fully Tighten**

Wrench tighten all hardware in this step.

# Step 11 Press Bar Cable





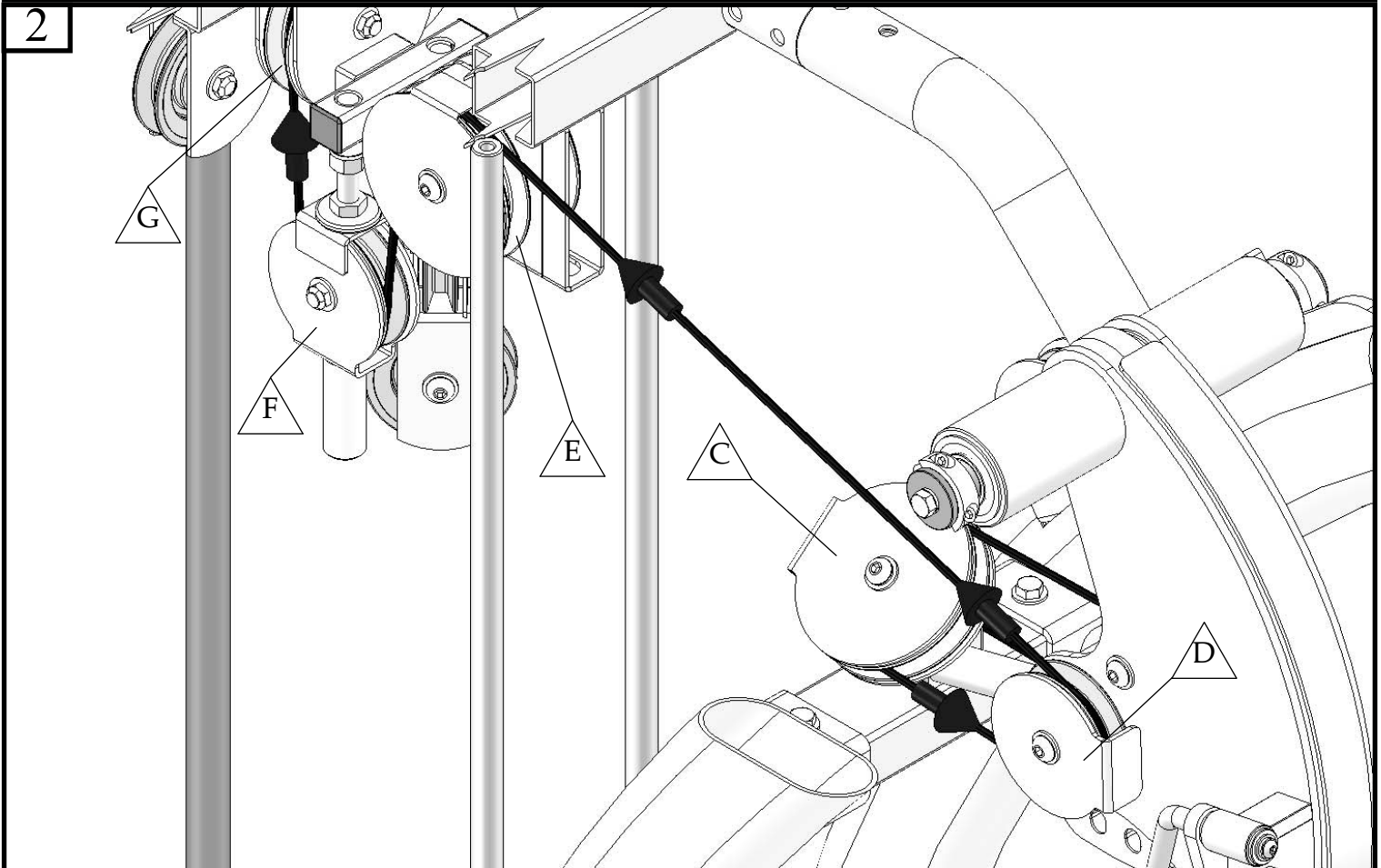
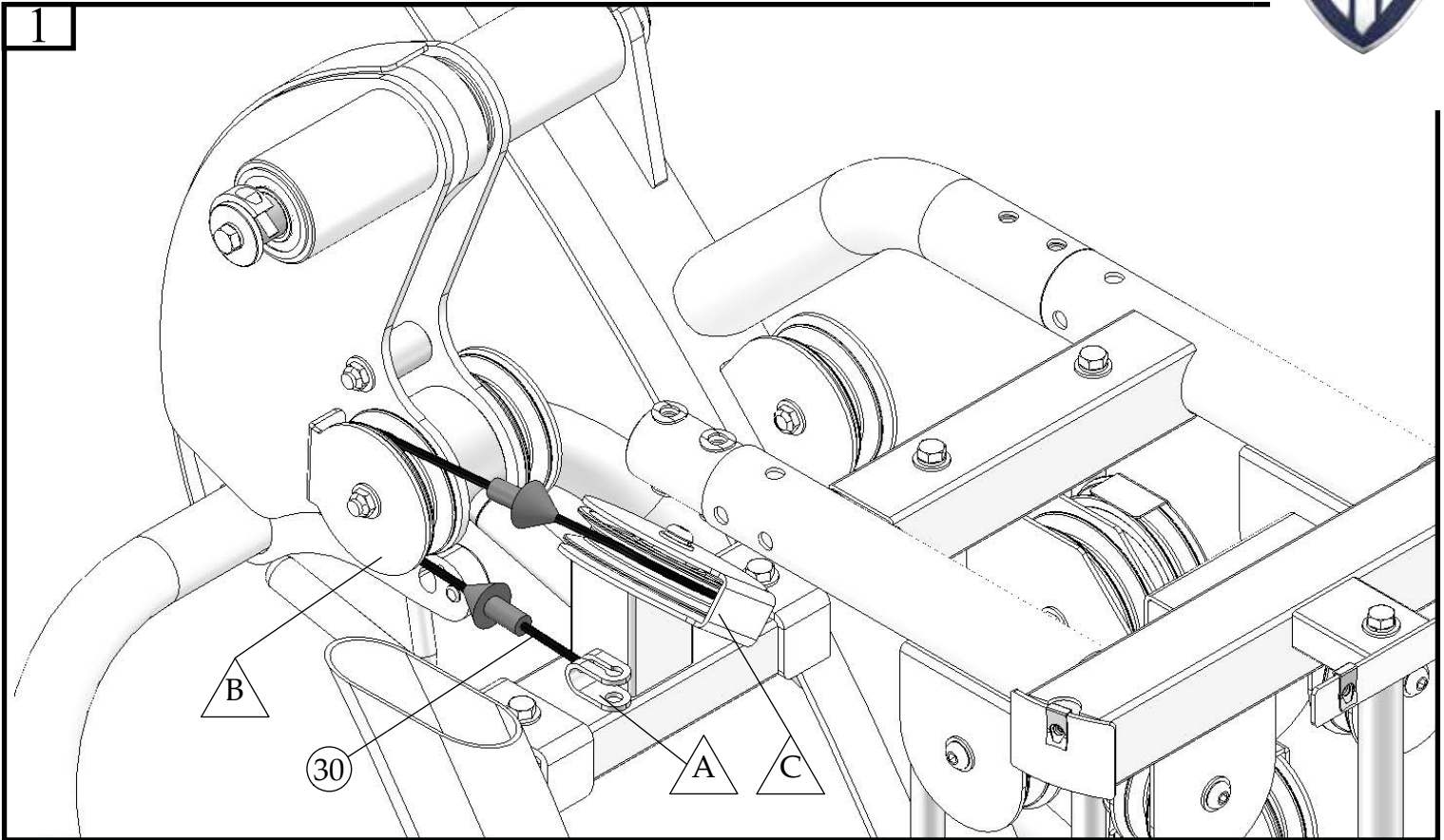
## Step 11 Assembly List

Item #	Description	Qty.
*28	OFFSET DOUBLE PULLEY BRACKET	1
30	PRESS BAR CABLE (3/16" CABLE)	1
42	SELECTOR PIN	1
81	FINISHED HEX NUT Z/P 1/2-13	1
85	FLAT WASHER SAE Z/P 3/8"	2
96	BUTTON HEAD SOCKET CAP SCREW GR-8 Z/P 3/8-16 X 5/8	1
97	SPLIT HEX TAP BOLT GR-5 B/O 1/2-13 X 3 1/2 (RND CUT)	1
107	NYLON INSERT THIN PATTERN LOCK NUT Z/P 3/8-16	1
124	RUBBER BUMPER	1
142	SPLIT LOCK WASHER Z/P 1/2"	1
151	10 LB TOP PLATE W/ADJ SLTR BAR 19 BLK WTS ASSY	1

**Note:**

1. Some parts not shown/cut out for clarity.

# Step 11 Press Bar Cable Continued

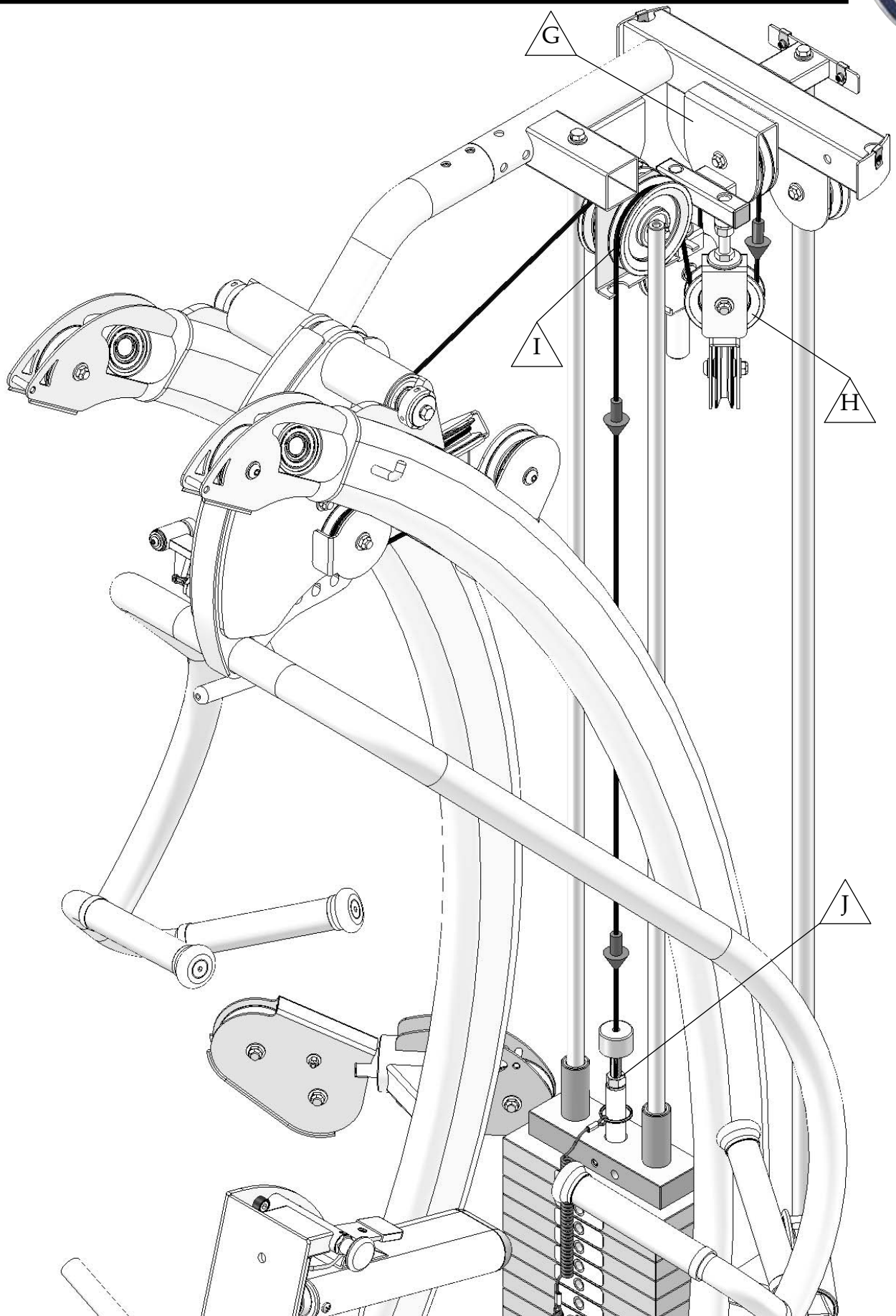




# Step 11 Press Bar Cable Continued



3



# Step 12 Tension Cable



## NOTE:

(ONLY FOR CUSTOMERS WHO PURCHASED AN SXT-LP ALONG WITH THIS UNIT)

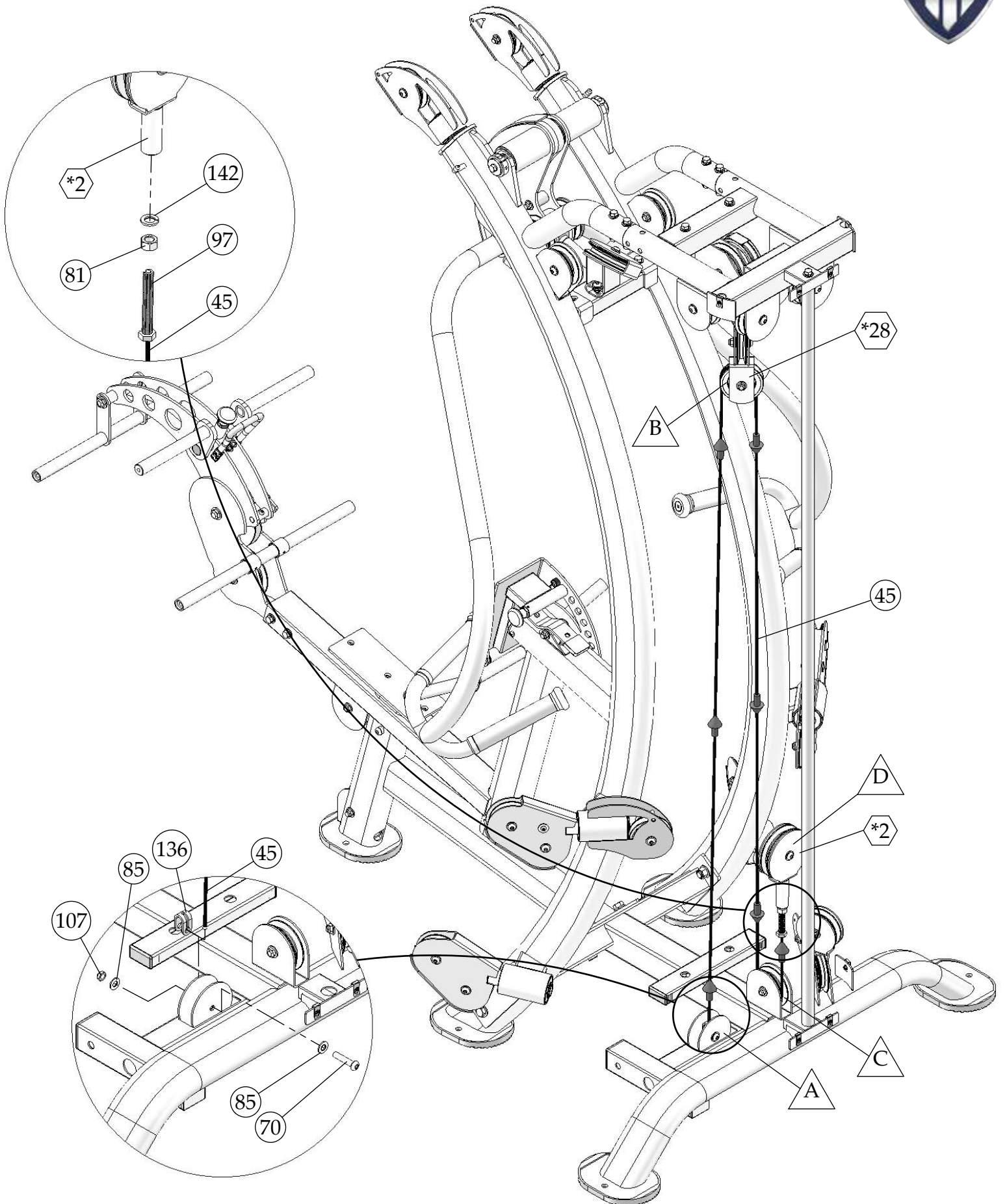
1. DON'T ASSEMBLE THIS CABLE. THE SXT-LP CABLE WILL REPLACE THIS CABLE.
2. SKIP TO THE SXT-LP OWNER'S MANUAL TO CONTINUE WITH ASSEMBLY.
3. AFTER COMPLETING SXT-LP ASSEMBLY, COME BACK TO THIS MANUAL AND CONTINUE ON STEP 13.

## Step 12 Assembly List

Item #	Description	Qty.
*2	ADJUSTABLE PULLEY BRACKET (4 1/2)	1
*28	OFFSET DOUBLE PULLEY BRACKET	1
45	TENSION CABLE (3/16" CABLE)	1
70	BUTTON HEAD SOCKET CAP SCREW Z/P 3/8-16 X 1 3/4	1
81	FINISHED HEX NUT Z/P 1/2-13	1
85	FLAT WASHER SAE Z/P 3/8"	2
97	SPLIT HEX TAP BOLT GR-5 B/O 1/2-13 X 3 1/2 (RND CUT)	1
107	NYLON INSERT THIN PATTERN LOCK NUT Z/P 3/8-16	1
136	STRAP BRACKET 20 #SF20 STAINLESS STEEL	1
142	SPLIT LOCK WASHER Z/P 1/2"	1

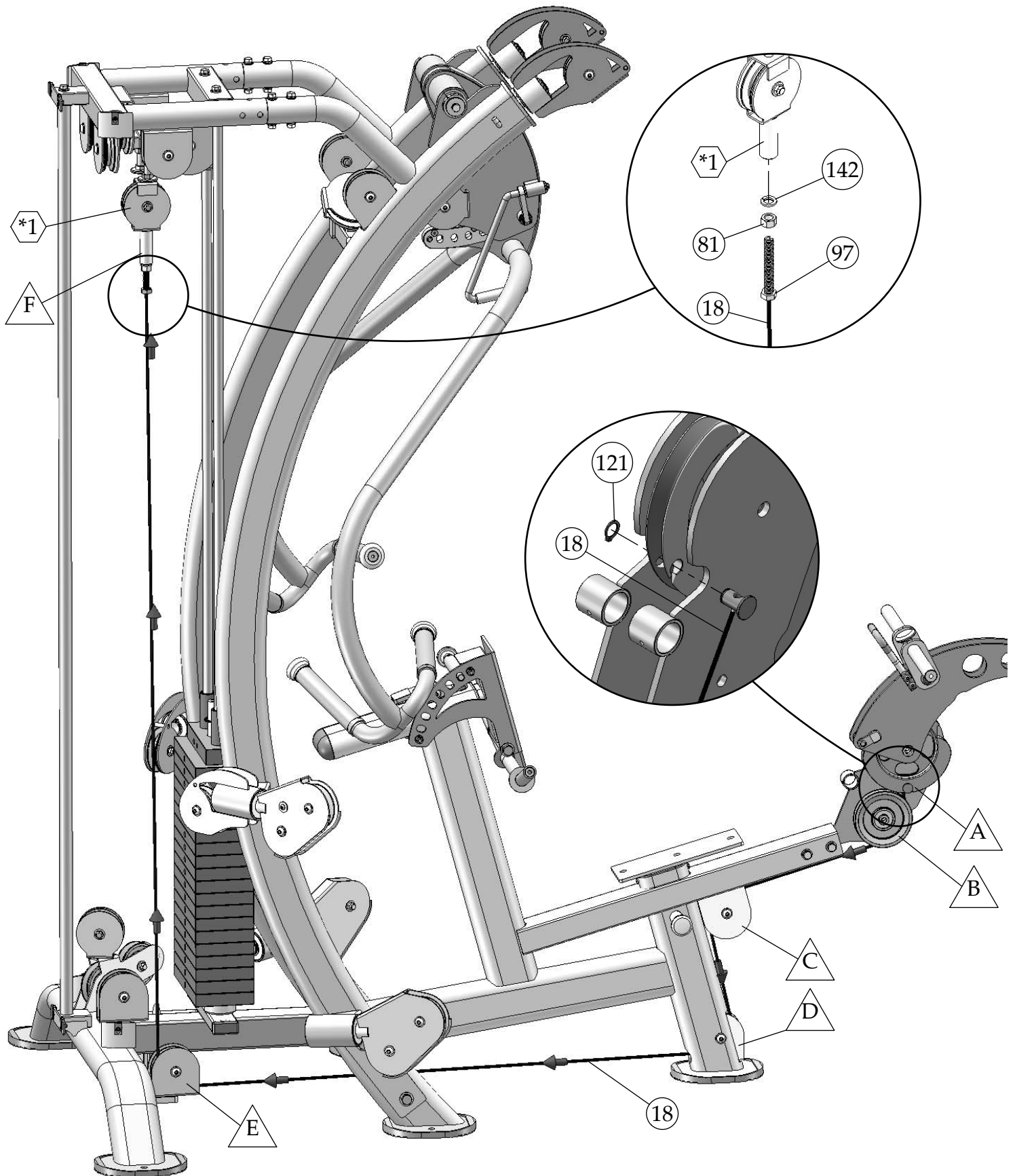
## Note:

1. Some parts not shown/cut out for clarity.





# Step 13 Leg Extension/Curl Cable







## Step 13 Assembly List

Item #	Description	Qty.
*1	ADJUSTABLE FLOATING 3 1/2 PULLEY BRACKET	1
18	LEG EXT/CURL CABLE (3/16" CABLE)	1
81	FINISHED HEX NUT Z/P 1/2-13	1
97	SPLIT HEX TAP BOLT GR-5 B/O 1/2-13 X 3 1/2 (RND CUT)	1
121	RETAINING SNAP RING EXT. PLAIN .461 X .500 X .035	1
142	SPLIT LOCK WASHER Z/P 1/2"	1

**Note:**

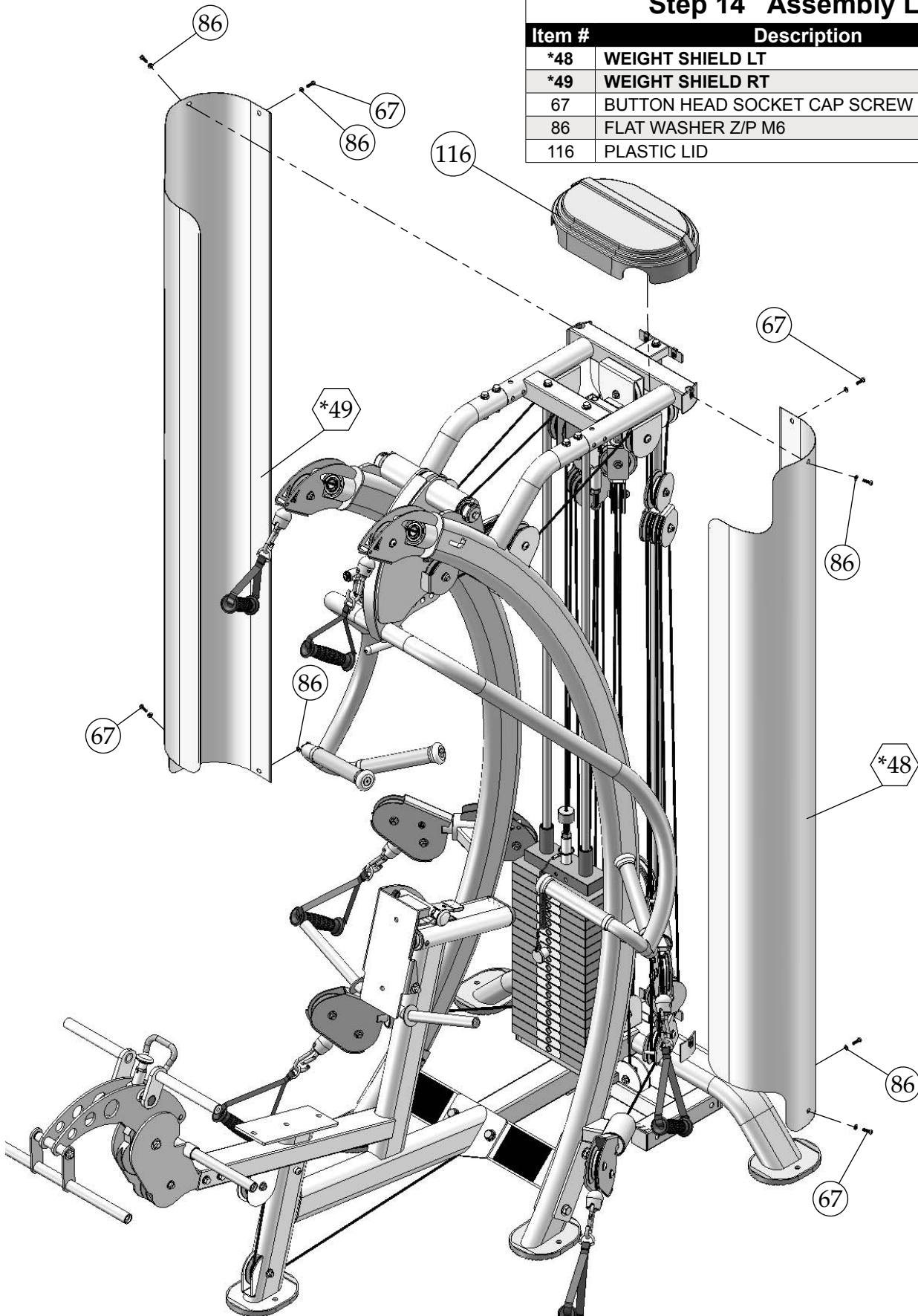
1. Some parts not shown/cut out for clarity.

# Step 14



## Step 14 Assembly List

Item #	Description	Qty.
*48	WEIGHT SHIELD LT	1
*49	WEIGHT SHIELD RT	1
67	BUTTON HEAD SOCKET CAP SCREW Z/P M6 X 20	8
86	FLAT WASHER Z/P M6	8
116	PLASTIC LID	1

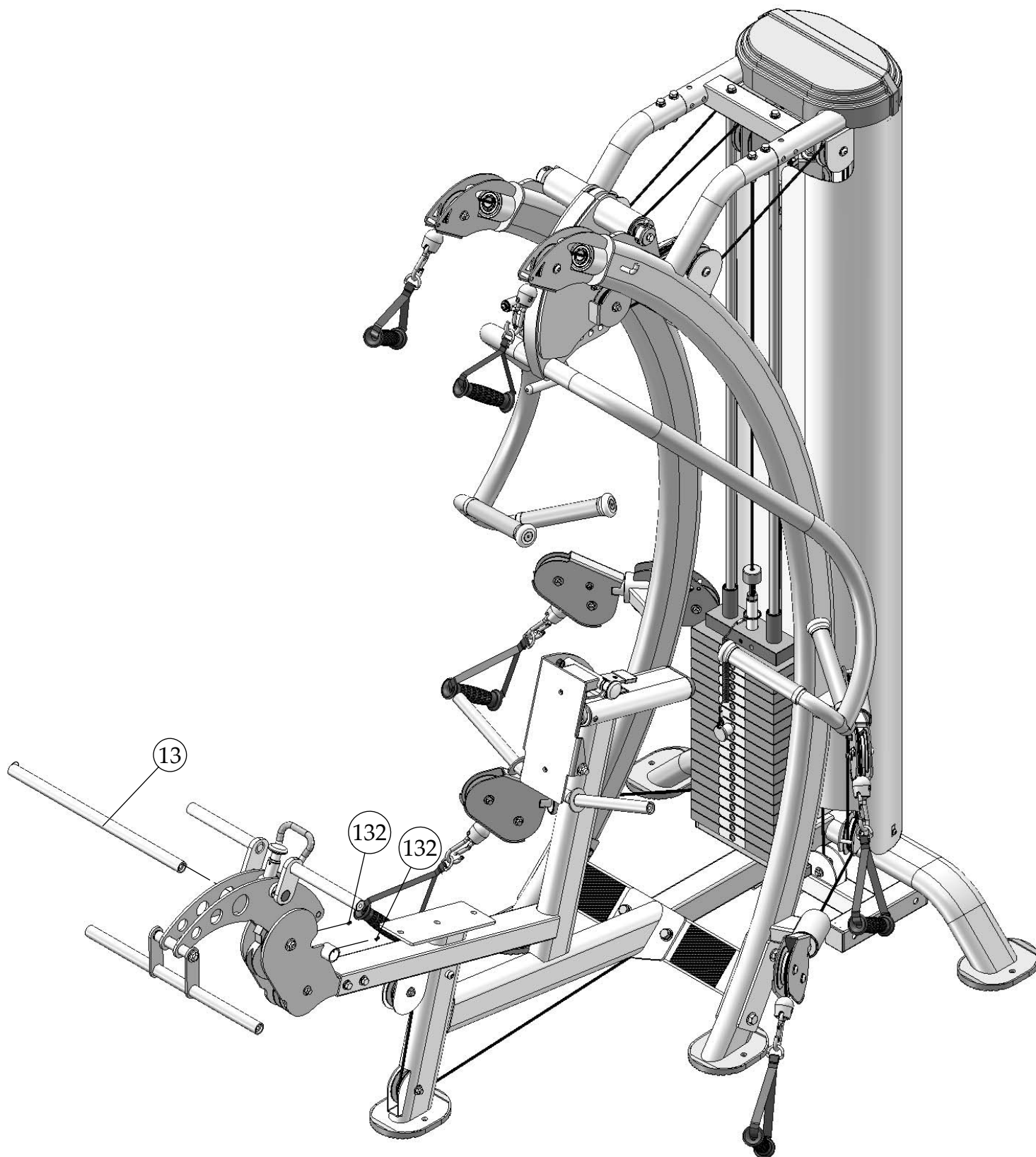


# Step 15



## Step 15 Assembly List

Item #	Description	Qty.
13	FOOT ROLL TUBE 1 X 19 1/2	1
132	SOCKET SET SCREW Z/P 10-32 X 1/8	2

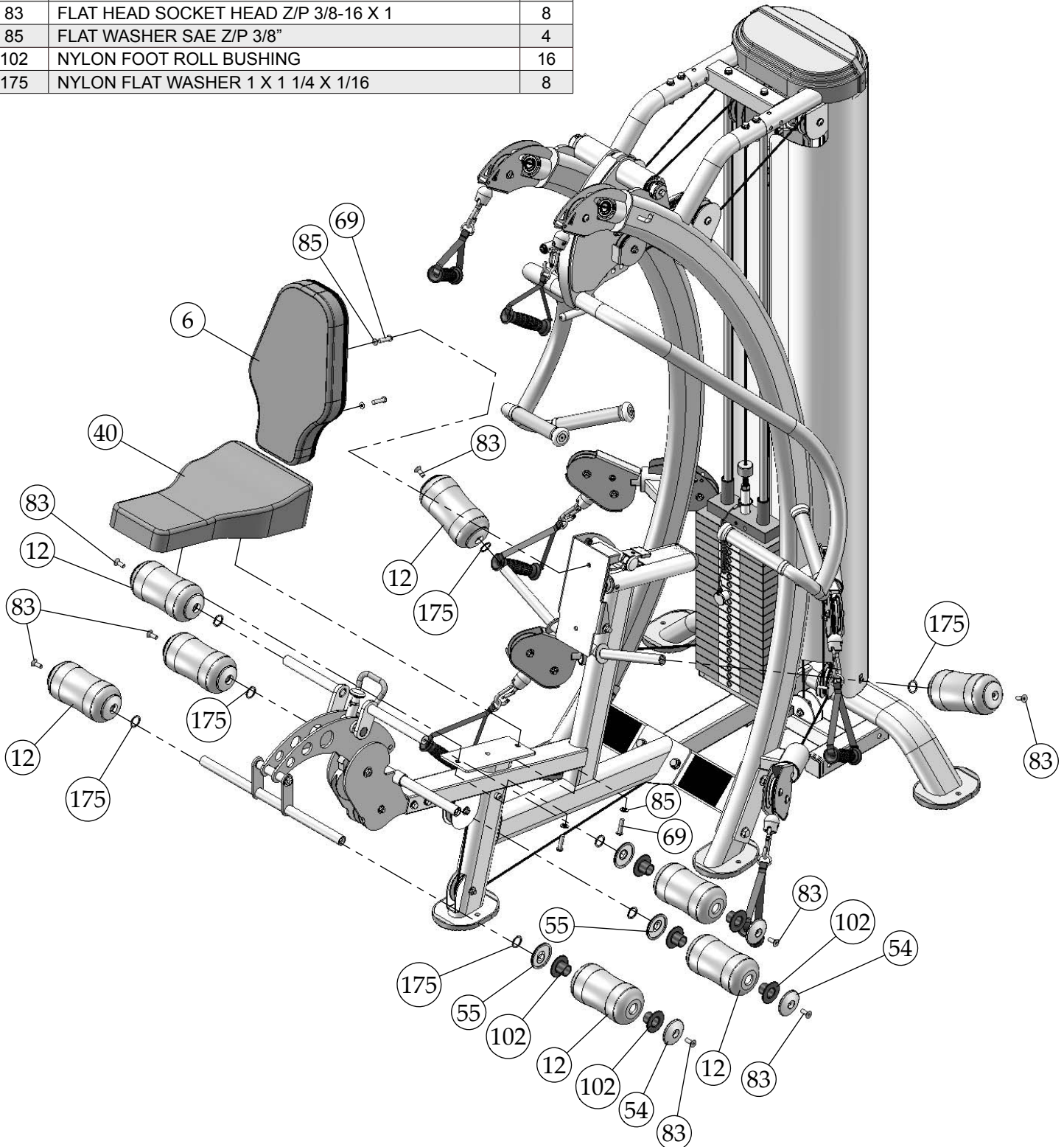


# Step 16



## Step 16 Assembly List

Item #	Description	Qty.
6	BACK PAD	1
12	FOOT ROLL	8
40	SEAT PAD	1
54	ALUMINUM FOOT ROLL END CAP	8
55	ALUMINUM FOOT ROLL END CAP 1"	8
69	BUTTON HEAD SOCKET CAP SCREW Z/P 3/8-16 X 1 1/4	4
83	FLAT HEAD SOCKET HEAD Z/P 3/8-16 X 1	8
85	FLAT WASHER SAE Z/P 3/8"	4
102	NYLON FOOT ROLL BUSHING	16
175	NYLON FLAT WASHER 1 X 1 1/4 X 1/16	8





# Parts List



COLOR CHART  
 GRAY= SUB-ASSEMBLY PARTS  
 BLACK= HARDWARE

## SXT-550 Parts List

Item No.	Description	Rev.	Part No.	Qty.	Item No.	Description	Rev.	Part No.	Qty.
1	ADJUSTABLE FLOATING 3 1/2 PULLEY BRACKET	0	UP7720	1	66	BUTTON HEAD SOCKET CAP SCREW Z/P 1/4-20 X 1 3/4		BNH3331	2
2	ADJUSTABLE PULLEY BRACKET (4 1/2)	0	UP7721	1	67	BUTTON HEAD SOCKET CAP SCREW Z/P M6 X 20		BNH3353	8
3	ADJUSTABLE RELEASE HANDLE	0	UP7676	1	68	LABEL-CAUTION CHECK PULL-PIN IS FULLY... 1 1/2 X 1 3/8		BNH2912	5
4	ADJUSTABLE STOPPER 2 3/4	0	UP7679	2	69	BUTTON HEAD SOCKET CAP SCREW Z/P 3/8-16 X 1 1/4		BNH2984	4
5	AXLE 1 RD. X 11 11/16	0	UP7710	1	70	BUTTON HEAD SOCKET CAP SCREW Z/P 3/8-16 X 1 3/4		BNH2426	36
6	BACK PAD	0	UP7652	1	71	BUTTON HEAD SOCKET CAP SCREW Z/P 3/8-16 X 2 1/2		BNH3316	3
7	BACK PAD ADJUSTMENT TUBE	0	UP7654	1	72	BUTTON HEAD SOCKET CAP SCREW Z/P 3/8-16 X 2 3/4		BNH2996	2
8	BACK PAD BRACKET	0	UP7653	1	73	BUTTON HEAD SOCKET CAP SCREW Z/P 3/8-16 X 3		BNH2673	1
9	TOP CROSS BRACE	0	UP8421	1	74	BUTTON HEAD SOCKET CAP SCREW Z/P 3/8-16 X 3 1/4		BNH3321	1
10	CAM	0	UP7669	1	75	BUTTON HEAD SOCKET CAP SCREW Z/P 3/8-16 X 4 3/4		BNH3348	1
11	FLOATING TRIPLE PULLEY BRACKET	0	UP7759	2	76	CABLE STOPPER SHELL 1 1/2 X 1 3/4		BNH4230	6
12	FOOT ROLL	0	UP3785	8	77	SUPPORT WASHER Z/P 3/8 ID X 1 1/2 OD X 3/16		BNH3343	2
13	FOOT ROLL TUBE 1 X 19 1/2	0	UP7717	1	78	CONTOUR ERGO HANDLE LONG STRAP		BNH2738	4
14	GUIDE ROD 3/4 X 72	0	UP7657	2	79	ELLIPTICAL RUBBER SHOE		BNH3323	5
15	LAT CABLE (3/16" CABLE)	0	UP7729	1	80	EX. STRENGTH STEEL COILED SPRING PIN 5/16 X 1 1/4		BNH3309	1
16	LEG EXT/CURL ASSEMBLY LT	0	UP7711	1	81	FINISHED HEX NUT Z/P 1/2-13		BNH0206	5
17	LEG EXT/CURL ASSEMBLY RT	0	UP7712	1	82	FLAT HEAD SOCKET CAP SCREW Z/P 1/4-20 X 1/2		BNH2972	3
18	LEG EXT/CURL CABLE (3/16" CABLE)	0	UP7735	1	83	FLAT HEAD SOCKET HEAD Z/P 3/8-16 X 1		BNH3315	12
19	LEG EXT/CURL PIVOT ARM	0	UP7659	1	84	FLAT WASHER SAE Z/P 1/2"		BNH2031	18
20	LEG EXT/CURL PIVOT ARM LOCK	0	UP7672	1	85	FLAT WASHER SAE Z/P 3/8"		BNH2030	108
21	LEG EXT/CURL PIVOT ARM LOCK KNOB	0	UP7670	1	86	FLAT WASHER Z/P M6		BNH3354	8
22	LEG HOLD DOWN FRAME LT	0	UP7713	1	87	FLAT WASHER USS Z/P 5/16"		BNH2071	2
23	LEG HOLD DOWN FRAME RT	0	UP7714	1	88	RUBBER GRIP 1.1875 ID X .125 X 6 1/2		BNH1076	2
24	LOW SECTION SWIVEL PULLEY BRACKET	0	UP7674	2	89	RUBBER GRIP 1.1875 ID X .125 X 7		BNH0944	2
25	SIDE FRAME LT	0	UP7661	1	90	NYLON INSERT LOCK NUT Z/P 1/2-13		BNH2029	4
26	MID ROW CABLE (1/8" CABLE)	0	UP7730	2	91	HEX HEAD CAP SCREW GR-5 Z/P 1/2-13 X 1 1/4		BNH2167	2
27	MID SECTION SWIVEL PULLEY BRACKET	0	UP7678	2	92	BUTTON HEAD SOCKET CAP SCREW GR-8 Z/P 1/2-13 X 3		BNH3667	1
28	OFFSET DOUBLE PULLEY BRACKET	0	UP7756	1	93	HEX HEAD CAP SCREW GR-5 Z/P 1/2-13 X 6 1/4		BNH2067	1
29	PRESS BAR	0	UP7664	1	94	HEX HEAD CAP SCREW GR-5 Z/P 3/8-16 X 1		BNH2037	17
30	PRESS BAR CABLE (3/16" CABLE)	0	UP7734	1	95	LABEL-DANGER CHECK RETAINING NUT... 1.5 X 1		BNH3146	4
31	PRESS BAR HOUSING LT	0	UP7662	1	96	BUTTON HEAD SOCKET CAP SCREW GR-8 Z/P 3/8-16 X 5/8		BNH2443	1
32	PRESS BAR HOUSING RT	0	UP7785	1	97	SPLIT HEX TAP BOLT GR-5 B/O 1/2-13 X 3 1/2 (RND CUT)		BNH1814	3
33	PRESS BAR RELEASE HANDLE	0	UP7716	1	98	LOCK KNOB COVER		BNH3319	1
34	PULLEY COVER 4 1/2	0	UP7780	1	99	NYLON ANKLE STRAP		BNH3203	1
35	PULLEY COVER PLATE 3 1/2	0	UP7663	2	100	NYLON BUMPER .67 DIA X .41		BNH3327	2
36	REAR STABILIZER	0	UP7665	1	101	NYLON FLAT WASHER 1 X 1 1/4 X 1/16		BNH0393	8
37	REAR SUPPORT SHAFT	0	UP8419	1	102	NYLON FOOT ROLL BUSHING		BNH1807	16
38	SCRATCH PROTECTOR	0	UP8418	1	103	HEX HEAD CAP SCREW GR-5 Z/P 3/8-16 X 1 3/4		BNH2040	1
39	SEAT FRAME	0	UP7666	1	104	NYLON INSERT LOCK NUT Z/P 1/4-20		BNH2983	6
40	SEAT PAD	0	UP7667	1	105	NYLON INSERT LOCK NUT Z/P 5/16-18		BNH2056	2
41	SEAT PAD ADJUSTMENT TUBE	0	UP7673	1	106	NYLON INSERT THIN PATTERN LOCK NUT Z/P 1/2-13		BNH2027	3
42	SELECTOR PIN	0	UP3035	1	107	NYLON INSERT THIN PATTERN LOCK NUT Z/P 3/8-16		BNH2026	41
43	HANDLE	0	UP8391	1	108	NYLON SHORT HANDLE		BNH2739	2
44	SWIVEL FOOT ROLL TUBE	0	UP7660	1	109	OVAL HEAD PHILLIPS MACHINE SCREW Z/P #10-32 X 1 1/8		BNH2793	6
45	TENSION CABLE (3/16" CABLE)	0	UP7732	1	110	OVAL TUBE PLASTIC GLIDE INSERT		BNH3345	2
46	TOP ASSEMBLY	0	UP7724	1	111	SUPER LUBE TEFLON LUBRICANT 82340		BNH0704	2
47	TOP SWIVEL PULLEY BRACKET	0	UP7668	2	112	PLASTIC INSERT CAP 1" X 2"		BNH0005	2
48	WEIGHT SHIELD LT	0	UP7658	1	113	PLASTIC INSERT CAP 1" X 3"		BNH0007	1
49	WEIGHT SHIELD RT	0	UP7677	1	114	PLASTIC INSERT CAP 2" SQ		BNH0012	2
50	SIDE FRAME RT	0	UP8420	1	115	PLASTIC INSERT DOME CAP ELLIPTICAL 2 X 4		BNH3350	1
51	BUTTON HEAD SOCKET CAP SCREW Z/P 3/8-16 X 3/4		BNH3341	2	116	PLASTIC LID		BNH3269	1
52	7/8 RD X 1 5/8 LINK 3/16 CABLE		BNH4232	2	117	PULL PIN STIFF SPRING 17/32 X 1 1/2 K-105SS		BNH0519	1
53	ALUMINUM END CAP 1 1/4"		BNH3081	4	118	PUSH PULL PIN 1/2 X 2 7/8 LIGHT SPRING (RETAIL)		BNH0542	1
54	ALUMINUM FOOT ROLL END CAP		BNH3329	8	119	PULL PIN 1/2 X 5 5/8 LIGHT SPRING (YELLOW KNOB)		BNH0701	1
55	ALUMINUM FOOT ROLL END CAP 1"		BNH3328	8	120	PUSH PULL PIN 2 3/4		BNH1151	1
56	CORRUGATED RUBBER W/GS1054 PSA 3 1/2 X 5 1/8		BNH3368	2	121	RETAINING SNAP RING EXT. PLAIN .461 X .500 X .035		BNH1154	1
57	BALL BEARING #W 516, (1641-2RS-NR(SP)		BNH0628	8	122	RETAINING SNAP RING EXT. PLAIN .925 X 1 X .042		BNH0419	2
58	BALL BEARING R20-RS (1.1805 I.D. X 2.1675 X .51)		BNH1172	8	123	RETAINING SNAP RING EXT. PLAIN 1 1/4"		BNH1718	4
59	ALERT SIGN FOR HOME 8 1/2 X 11		BNH3139	1	124	BLACK NYLON BUMPER		BNH3308	1
60	BLACK DERLIN STOPPER 1 RD X 1 1/2		BNH3313	1	125	RUBBER DONUT 3/4 X 2 1/2		BNH0068	2
61	BLK NYLON PULLEY 12.5mm X 26.3mm X 90mm		BNH3355	37	126	RUBBER GRIP FOR ADJUSTABLE RELEASE HANDLE		BNH1940	1
62	BLK NYLON PULLEY 12.5mm X 26.3mm X 114mm		BNH3352	6	127	HEX HEAD CAP SCREW GR-5 Z/P 1/2-13 X 4 3/4		BNH2168	1
63	BRONZE BUSHING 1 X 1 1/4 X 3/4 X 1 1/2 X 1/8		BNH0527	2	128	SINGLE STRAND CONNECTING LINK #40		BNH0066	1
64	BRONZE BUSHING SAE 841 (302033) .502X.628 X 1/2 X 7/8 X 1/8		BNH0528	8	129	SNAP LINK Z/P 8MM X 80MM		BNH0065	6
65	BUTTON HEAD SOCKET CAP SCREW Z/P 1/4-20 X 1		BNH3312	5	130	SOCKET CAP SCREW N/P 1/4-20 X 3/4		BNH2388	4

# Parts List Continued



**COLOR CHART**  
 GRAY= SUB-ASSEMBLY PARTS  
 BLACK= HARDWARE

SXT-500 REV0

## SXT-550

### Parts List

Item No.	Description	Rev.	Part No.	Qty.	Item No.	Description	Rev.	Part No.	Qty.
131	SOCKET HEAD CAP SCREW Z/P 5/16-18 X 3/4		BNH3326	2	155	BUTTON HEAD SOCKET CAP SCREW GR-8 Z/P 1/4-20 X 3/4		BNH2995	2
132	SOCKET SET SCREW Z/P 10-32 X 1/8		BNH2088	6	156	PULL PIN ASSY 3 1/2 CUSTOM CUT HRD SPRING		BNH1723	1
133	SPLIT COLLAR B/O 1"		BNH0755	2	157	PLASTIC INSERT CAP 1 SQ 10-14 GA WITH NOTCH		BNH3369	2
134	SPLIT LOCK WASHER Z/P 3/8"		BNH2520	22	158	HEX HEAD CAP SCREW GR-5 Z/P 3/8-16 X 3		BNH2046	2
135	HEX KEY M14/M19		BNH3676	1	159	LABEL-IMPORTANT FOR SMOOTH PERFORMANCE...		BNH2916	2
136	STRAP BRACKET 20 #SF20 STAINLESS STEEL		BNH0562	1	160	LABEL-WARNING ATTENTION USERS!... 2X1.5		BNH2911	2
137	BUTTON HEAD PHILLIPS SCREW M6 X 8		BNH2650	4	161	LABEL-TFI SERIAL NO. 2.5 X 1.5		BNH3147	1
138	URETHANE BUMPER 962		BNH0244	1	162	LABEL-DANGER DO NOT LEAN AGAINST, 1.75X2.375		BNH3145	1
139	U-STYLE TAPPED HOLE NUT M6		BNH3351	8	163	LABEL-DANGER USE THIS EQUIPMENT ONLY...		BNH2903	1
140	YELLOW GRIP 1/2 X 4 (PVC)		BNH3059	1	164	LABEL-IMPORTANT ADJUST CABLE TENSION HERE		BNH2924	3
141	10 LB STEEL WEIGHT PLATE BLACK 4 9/16 X 9 7/16 (EA)		BNH1237	19	165	LABEL-IMPORTANT FOR SMOOTH PERFORMANCE...		BNH2925	1
142	SPLIT LOCK WASHER Z/P 1/2"		BNH0572	7	166	LABEL-INSPECTIONS RECOMMENDED INSPECTION...		BNH3155	1
143	INTERNAL RETAINER RING W/ LUGS 1 3/4" DIA.		BNH3370	1	167	LABEL-NUMBERS 10-200 LBS/KGS 7/8 X 3 YELLOW & BLACK		BNH4069	1
144	LABEL-DANGER DO NOT REMOVE... 7/8 X 1-1/2		BNH2906	2	168	LABEL-WARNING KEEP BODY, HANDS... 1 1/2 X 2 5/8		BNH2909	1
145	HEX HEAD CAP SCREW GR-5 Z/P 3/8-16 X 2 3/4		BNH2045	2	169	LABEL-WARNING KEEP BODY, HANDS... 1X2-5/8		BNH2926	1
146	HEX HEAD CAP SCREW GR-5 Z/P 3/8-16 X 2 1/2		BNH2044	2	170	LABEL-WARNING_SERIOUS INJURY OR DEATH		BNH3157	1
147	OVAL WASHER Z/P 3/8"		BNH3349	8	171	LABEL-WARRANTY HOME LIFETIME		BNH3156	1
148	CAM BEARING		BNH3371	1	172	SPLIT LOCK WASHER Z/P 1/4		BNH3337	1
149	TFI EMBLEM 1.88 HIGH X 1.98 WIDE BLUE AND CHROME		BNH4304	2	173	NYLON INSERT LOCK NUT Z/P 3/8-16		BNH2773	2
150	HEX HEAD CAP SCREW GR-5 Z/P 1/2-13 X 3 1/4		BNH4199	4	174	SUPER WASHER 1/4		BNH3389	1
151	10 LB TOP PLATE W/ADJ SLTR BAR 19 BLK WTS ASSY		BNH1982	1	175	NYLON FLAT WASHER 1 X 1 1/2 X 1/16		BNH3392	8
152	3 RD X 1 1/2 TOPPER		BNH3318	1	176	7/8 RD X 1 5/8 LINK 1/8 CABLE		BNH4231	4
153	LABEL-IMPORTANT CHECK CABLES		BNH3113	2	177	LABEL-SXT-550 EXERCISE CHART (A)		BNH3169	1
154	FLAT WASHER USS Z/P 1/4"		BNH2105	12	178	LABEL-SXT-550 EXERCISE CHART (B)		BNH3170	1

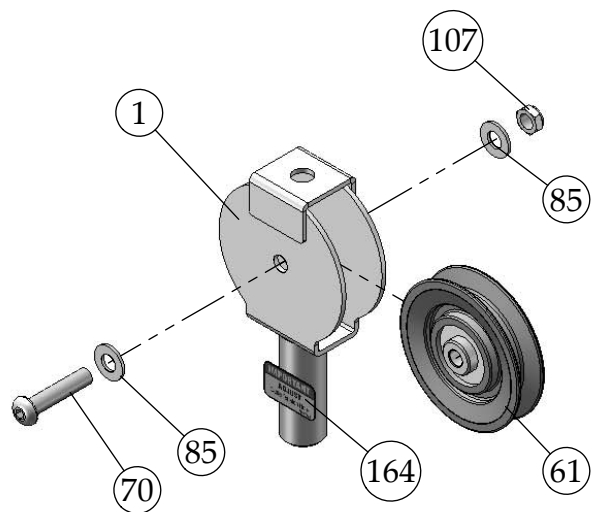
### PRE ASSEMBLED COMPONENTS

Item No.	Description	Rev.	Part No.	Qty.	Item No.	Description	Rev.	Part No.	Qty.
*1	ADJUSTABLE FLOATING 3 1/2 PULLEY BRACKET	0	UP7720X1	1	*36	REAR STABILIZER	0	UP7665X1	1
*2	ADJUSTABLE PULLEY BRACKET (4 1/2)	0	UP7721X1	1	*39	SEAT FRAME	0	UP7666X1	1
*8	BACK PAD BRACKET	0	UP7653X1	1	*46	TOP ASSEMBLY	0	UP7724X1	1
*9	TOP CROSS BRACE	0	UP8421X1	1	*47	TOP SWIVEL PULLEY BRACKET RT	0	UP7668X1	1
*11	FLOATING TRIPLE PULLEY BRACKET	0	UP7759X1	2	*48	WEIGHT SHIELD LT	0	UP7658X1	1
*19	LEG EXT/CURL PIVOT ARM	0	UP7659X1	1	*49	WEIGHT SHIELD RT	0	UP7677X1	1
*24	LOW SECTION SWIVEL PULLEY BRACKET RT	0	UP7674X1	1	*50	SIDE FRAME RT	0	UP8420X1	1
*25	SIDE FRAME LT	0	UP7661X1	1	*180	LOW SECTION SWIVEL PULLEY BRACKET LT	0	UP7674X2	1
*27	MID SECTION SWIVEL PULLEY BRACKET RT	0	UP7678X1	1	*181	MID SECTION SWIVEL PULLEY BRACKET LT	0	UP7678X2	1
*28	OFFSET DOUBLE PULLEY BRACKET	0	UP7756X1	1	*182	TOP SWIVEL PULLEY BRACKET LT	0	UP7668X2	1
*29	PRESS BAR	0	UP7664X1	1					

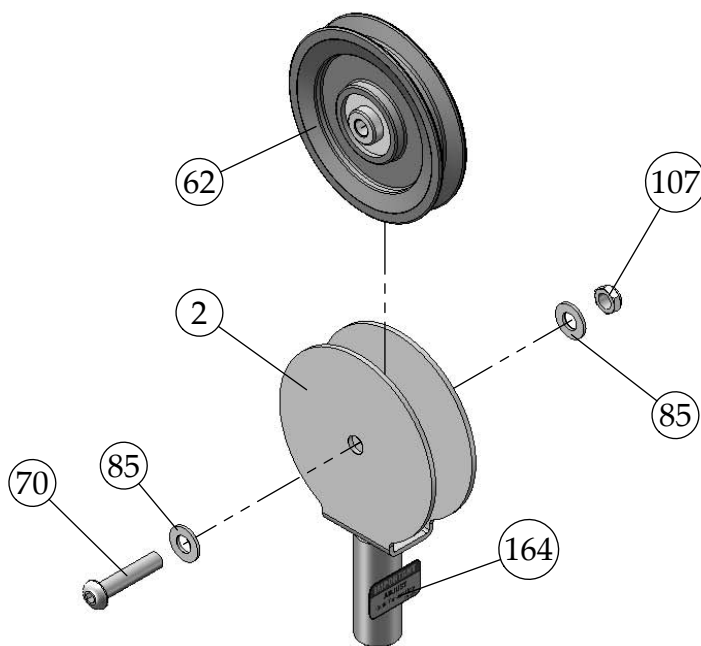
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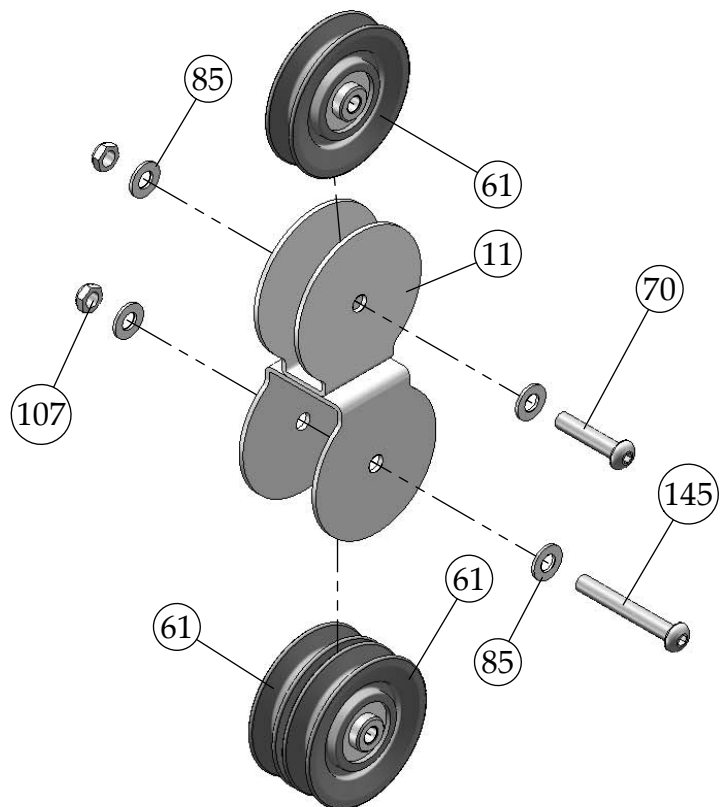
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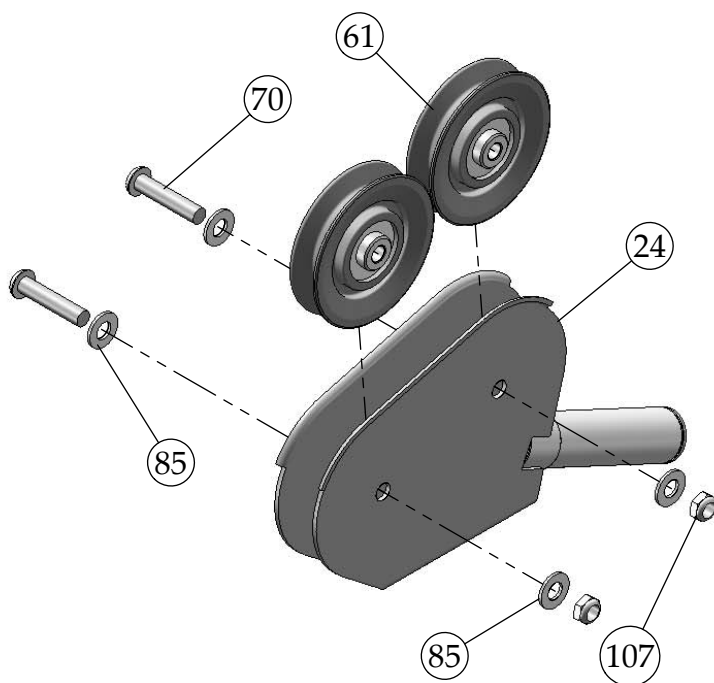
\*2 UP7721X1



\*11 UP7759X1



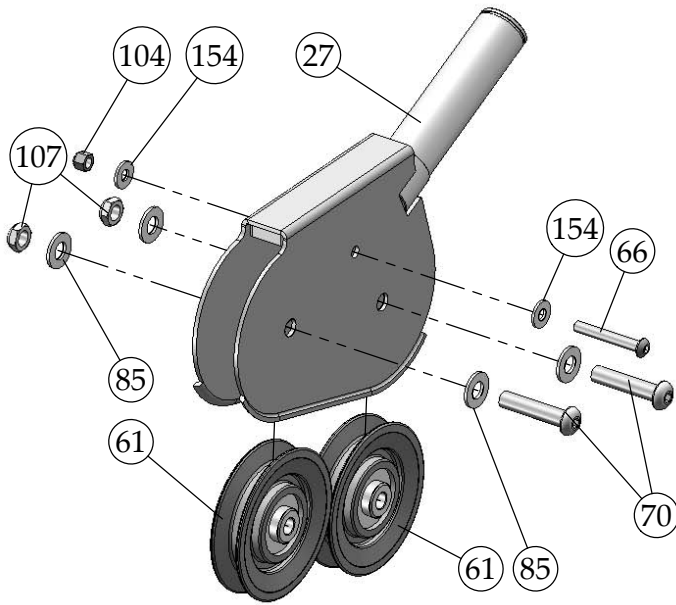
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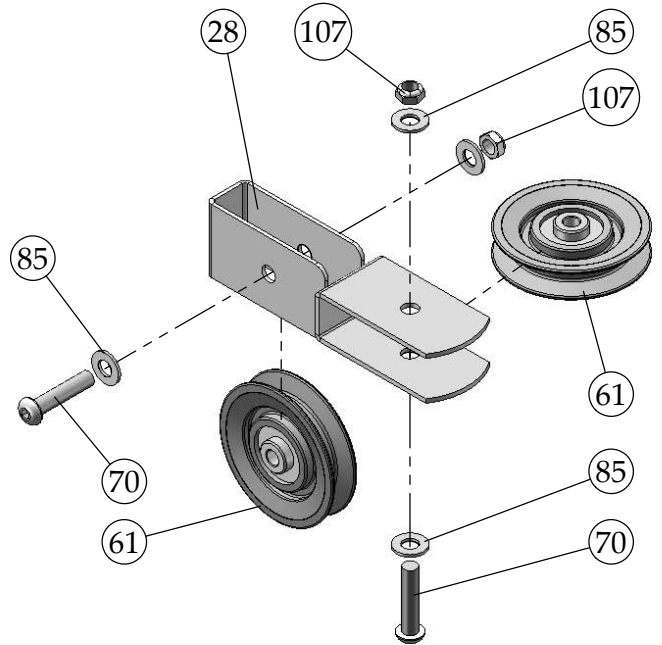
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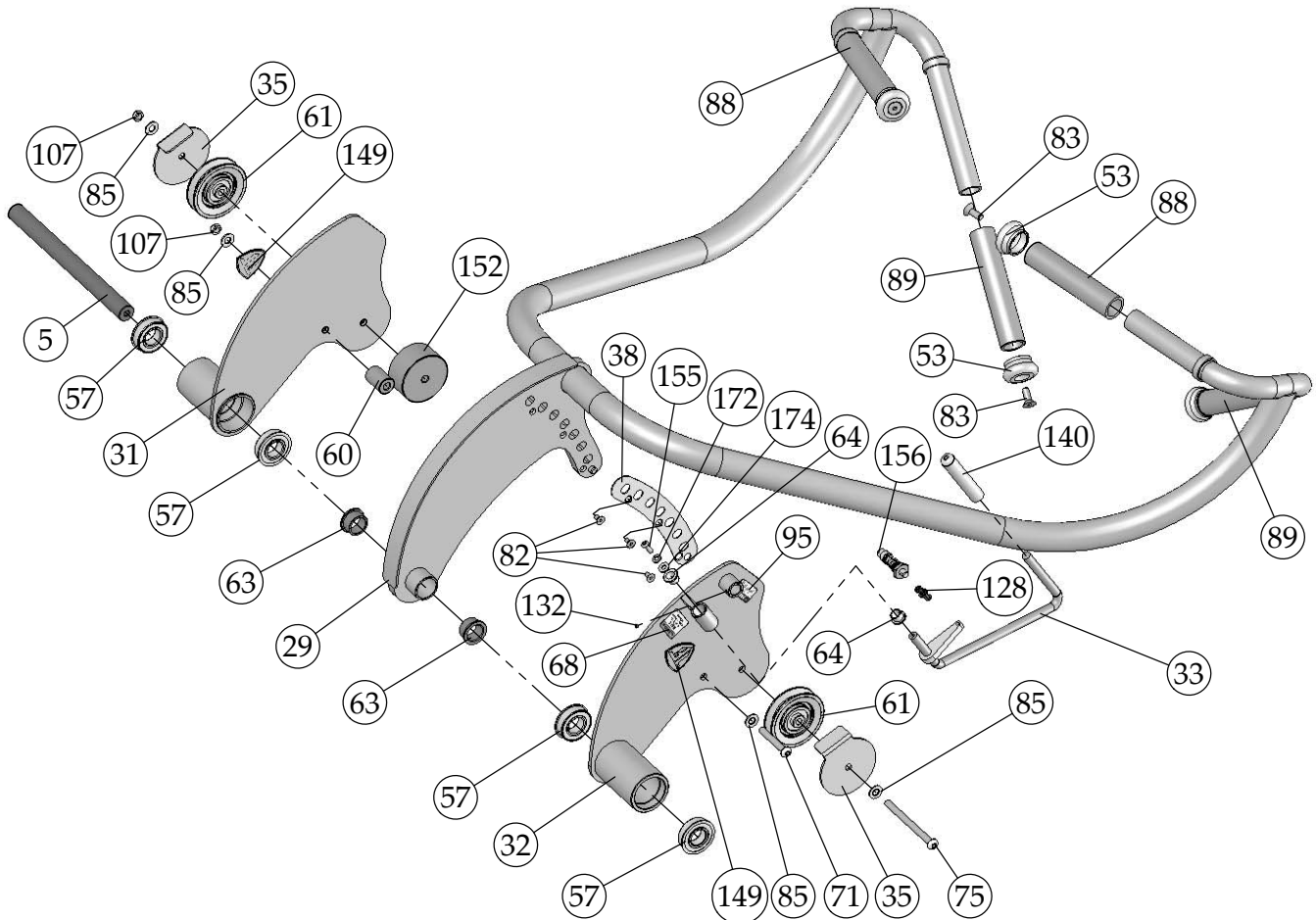
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**\*28** UP7756X1



**\*29** UP7664X1

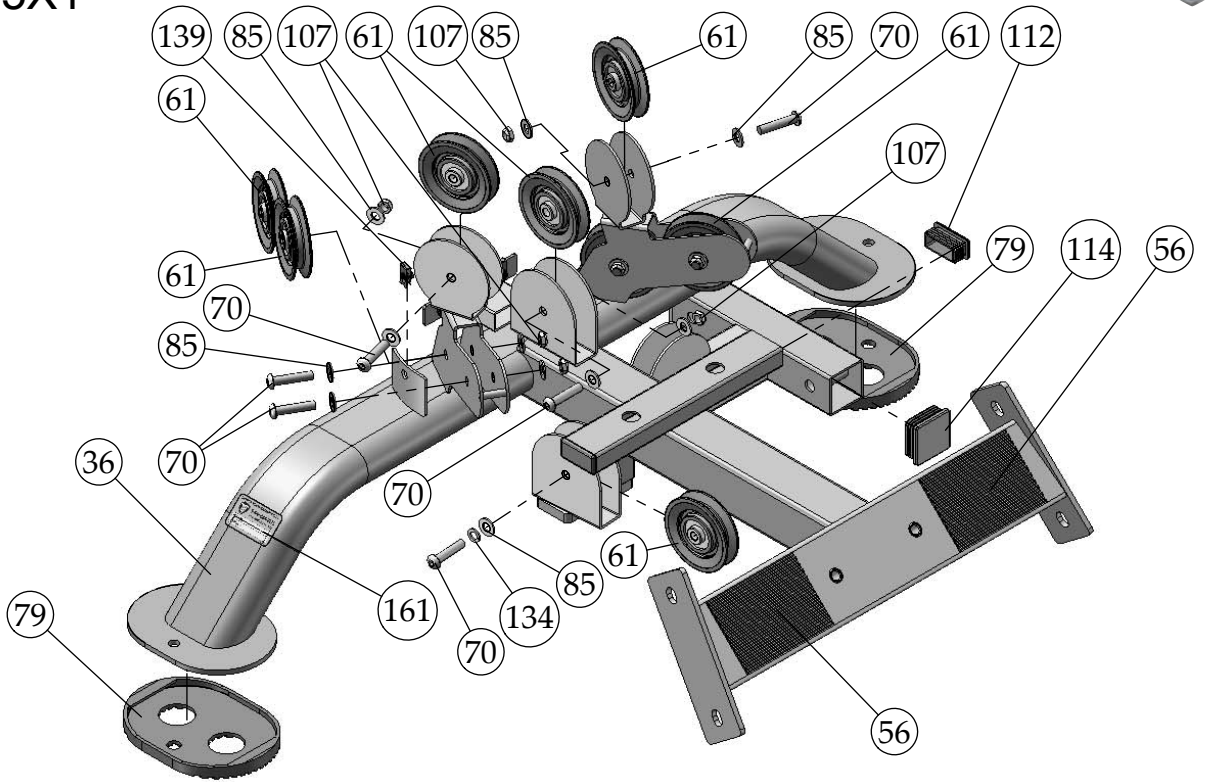




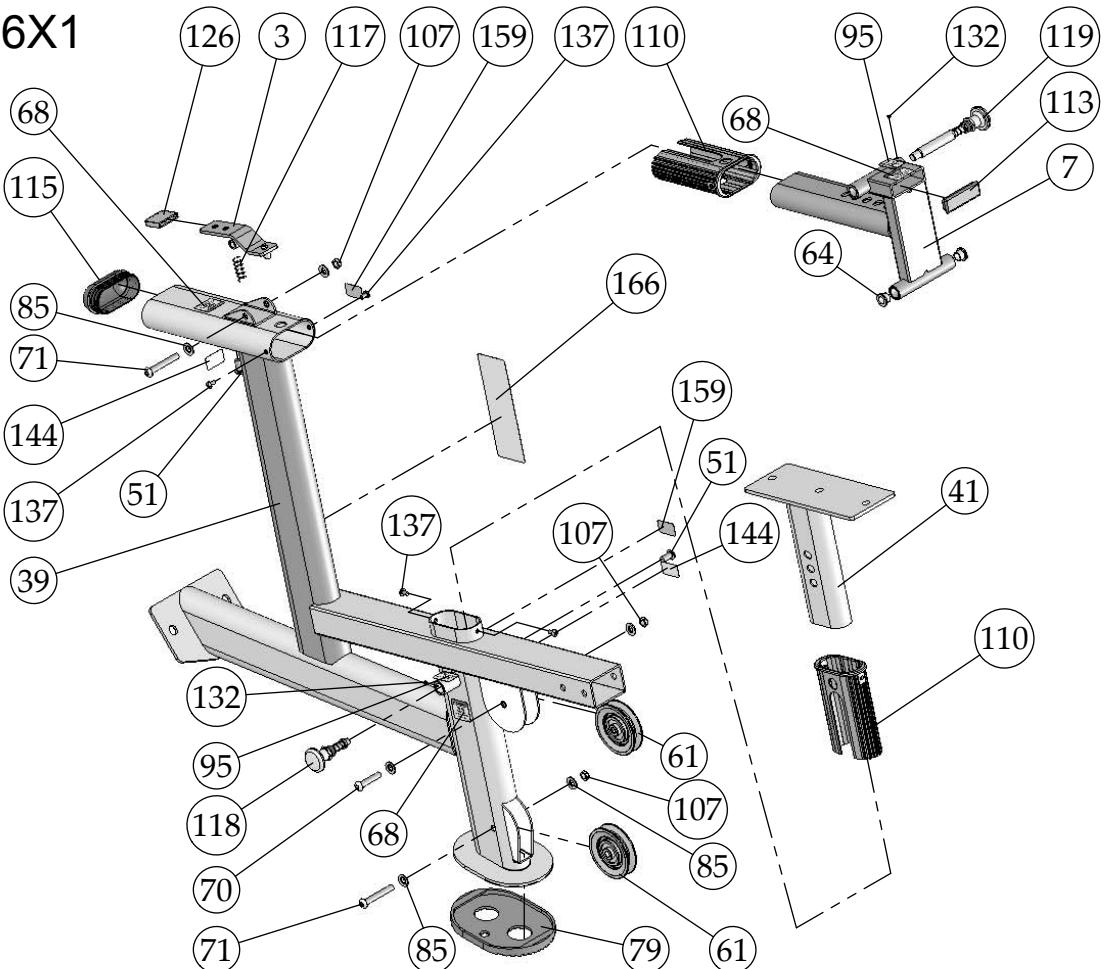
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## \*36 UP7665X1



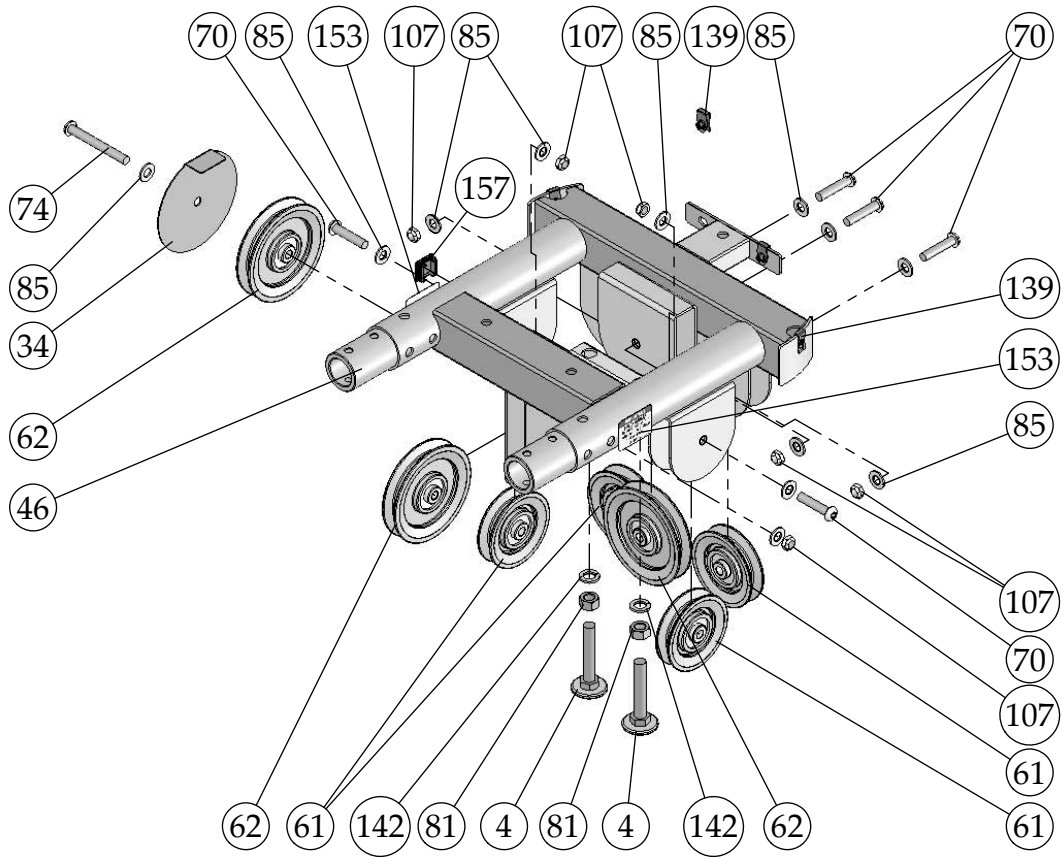
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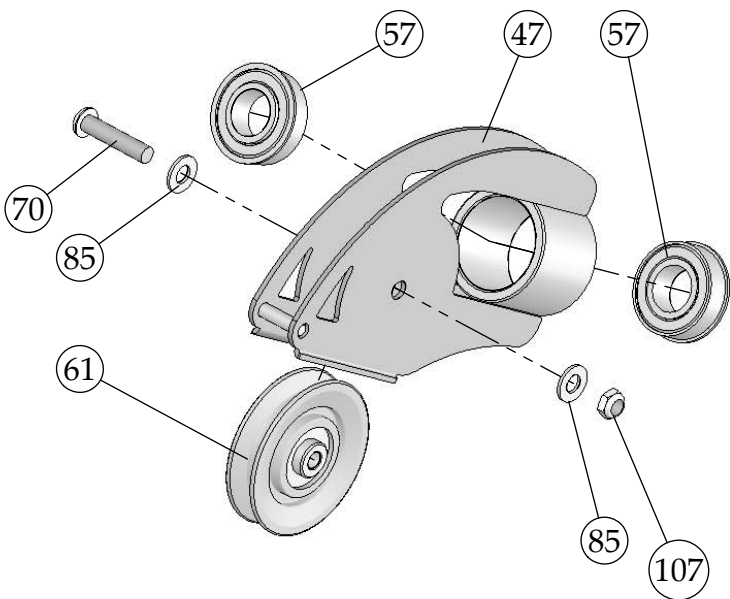
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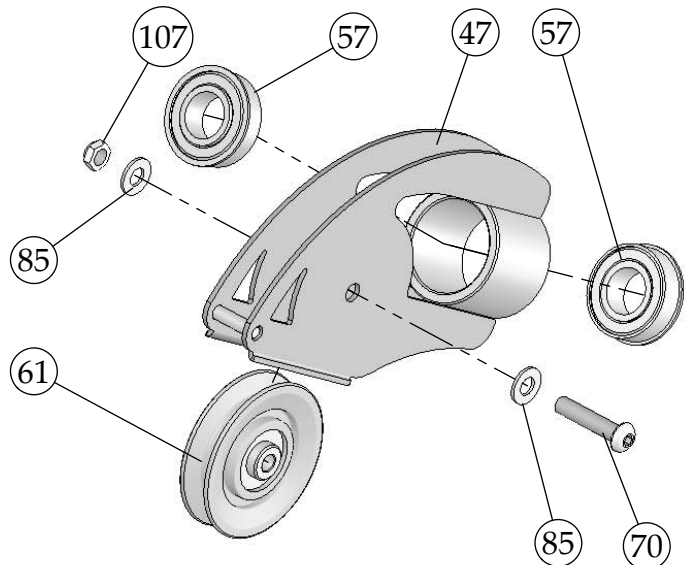
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## \*47 UP7668X1



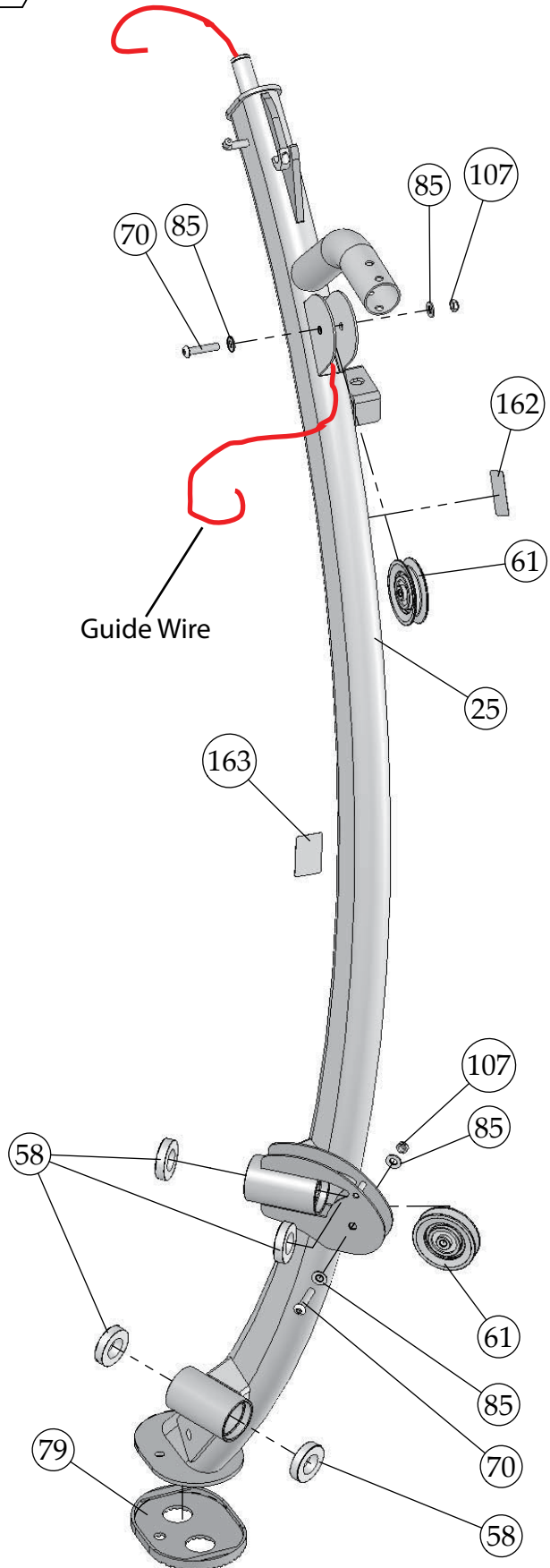
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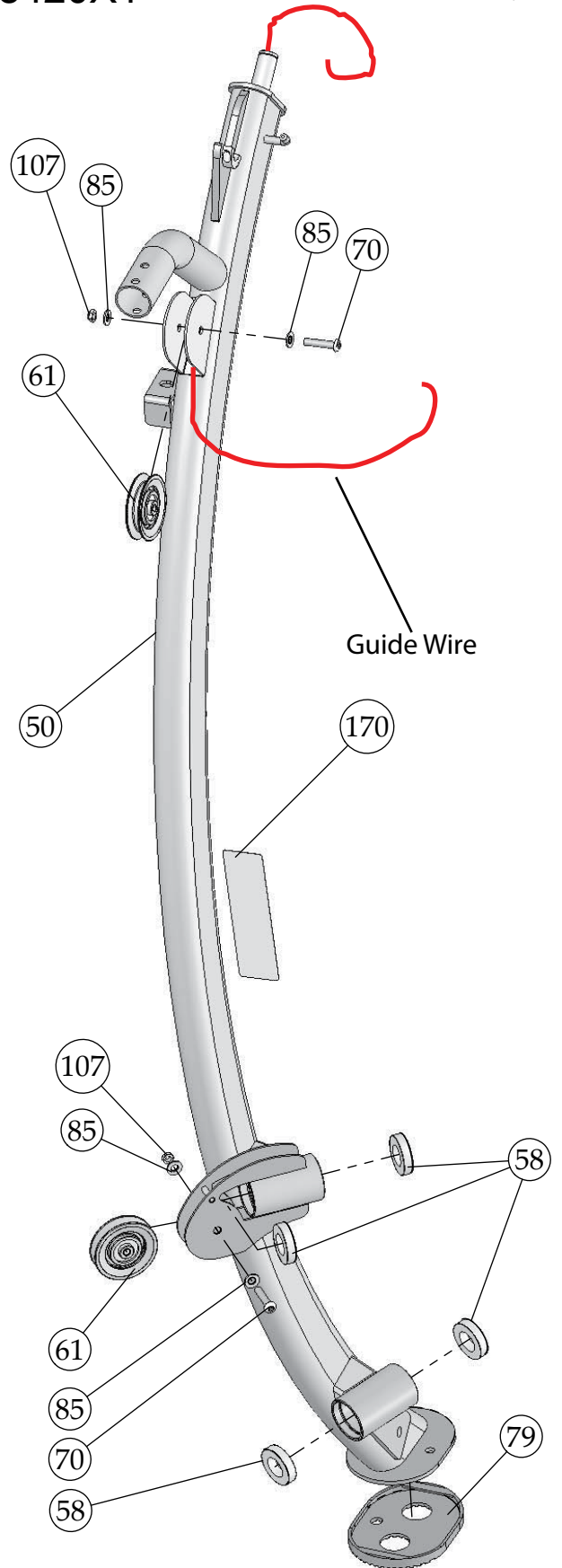
# Pre Assembled Components



\*25 UP7661X1



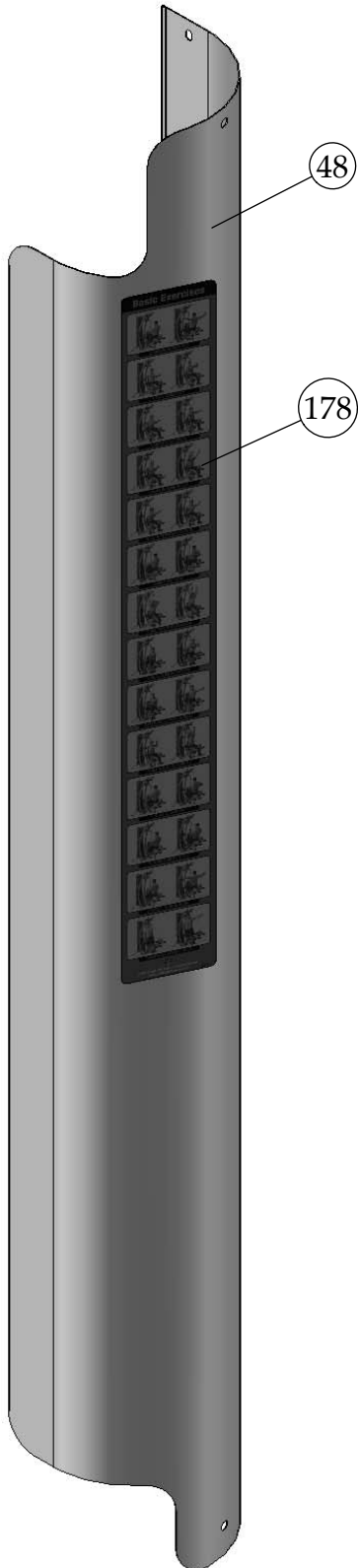
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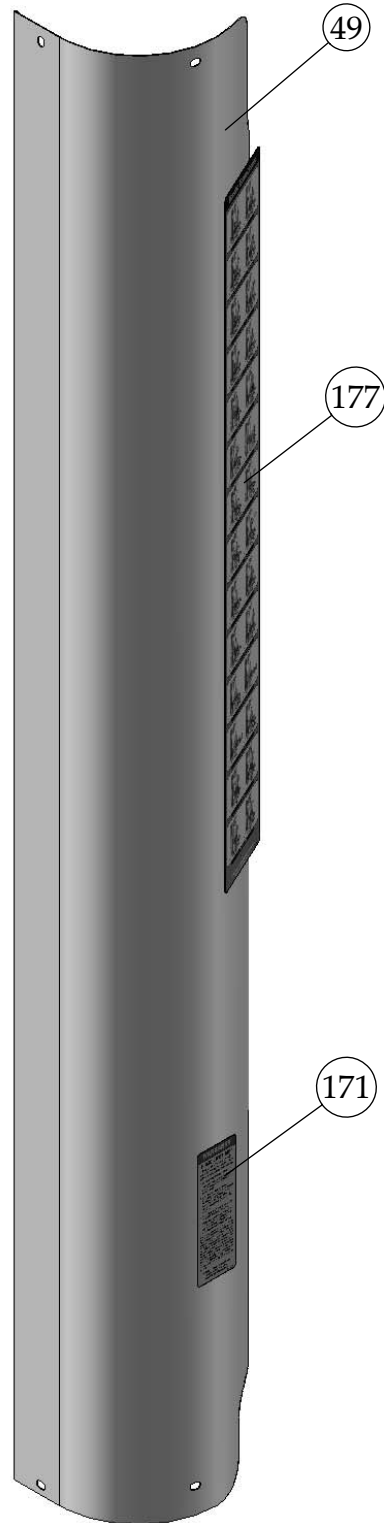
# Pre Assembled Components



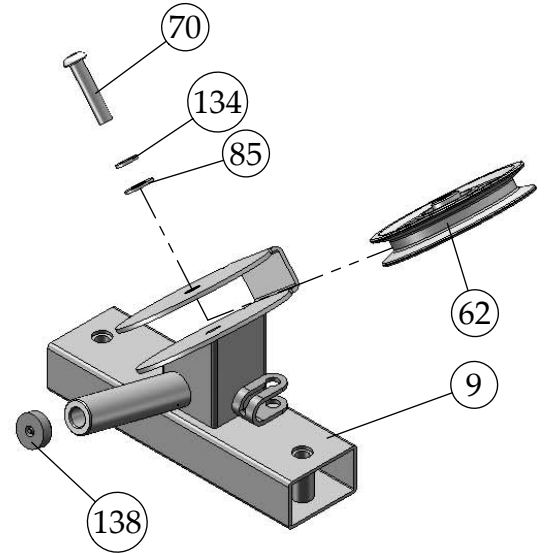
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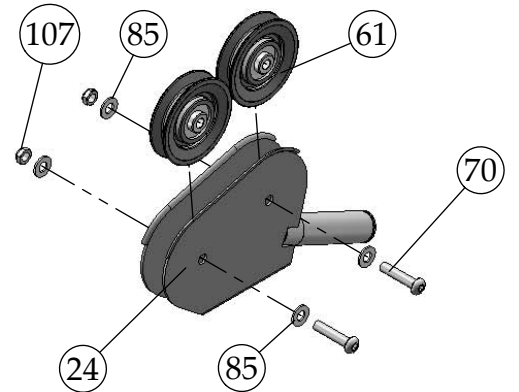
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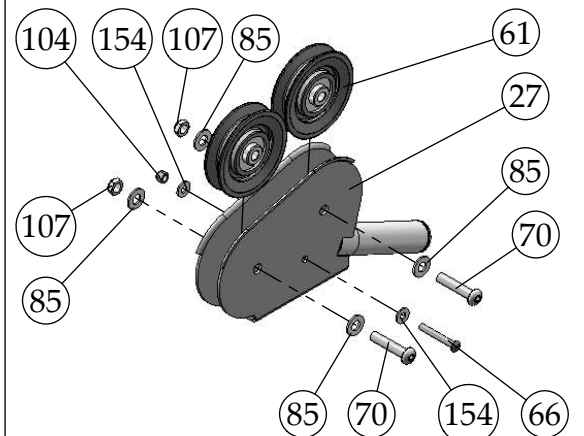
\*9 UP8421X1



\*180 UP7674X2



\*181 UP7678X2

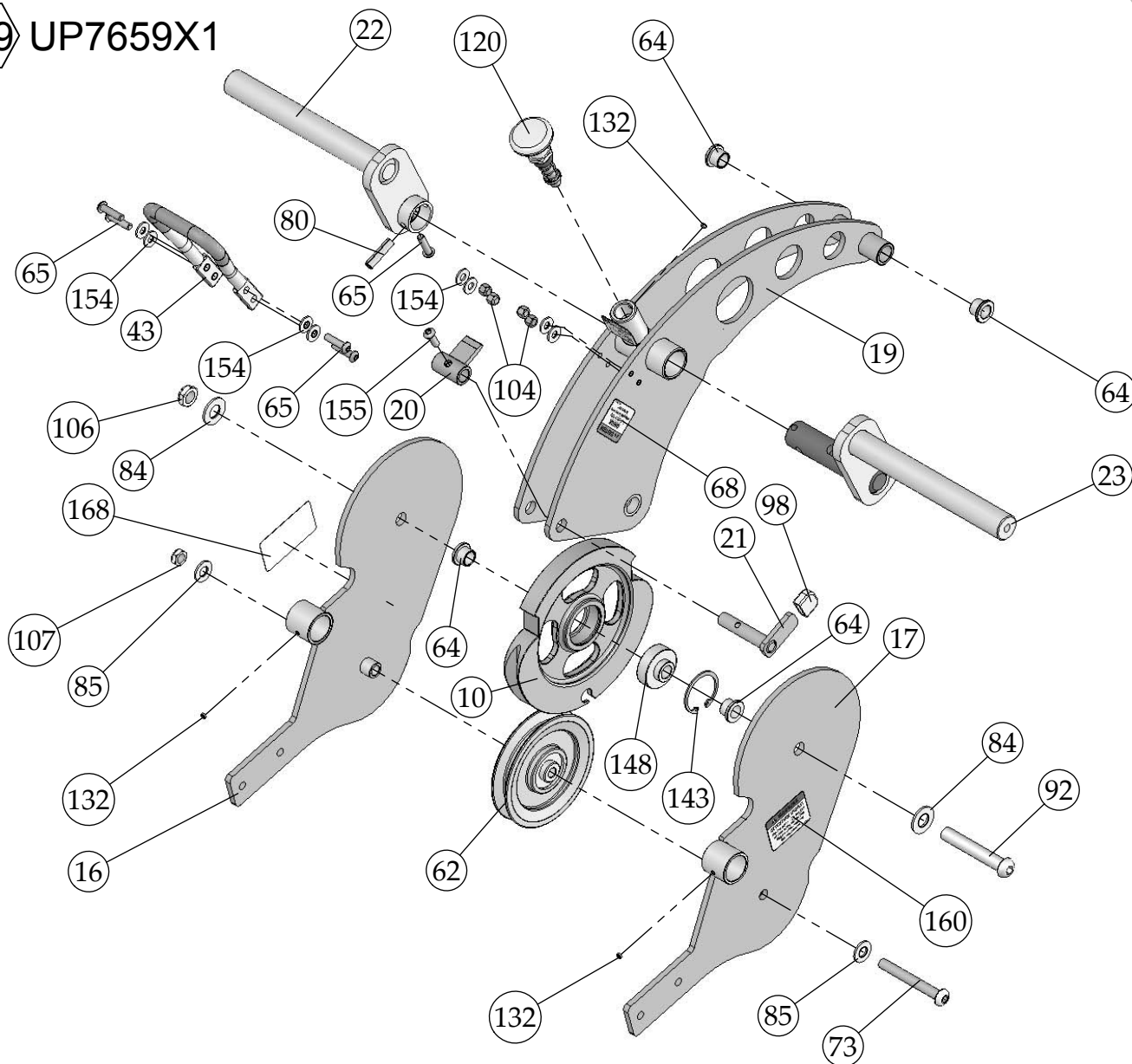




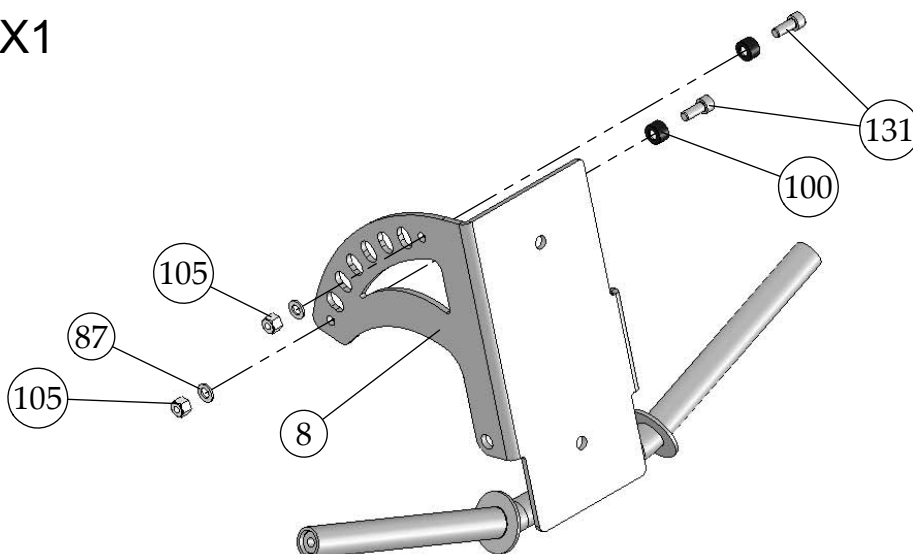
# Pre Assembled Components



## \*19 UP7659X1



## \*8 UP7653X1



# Basic Exercise Guide



Use this equipment only for the exercises as shown. Know your limitations. If you are new to weight training, always start with lighter weight, learn how to perform the exercise correctly and train at a controlled rate of speed. Warm up properly with stretchings, calisthenics or cardiovascular exercises. Never hold your breath – general rule of thumb is to exhale when you exert.



**LAT PULLDOWN**



**ALTERNATING LAT PULLDOWN**



**OVERHEAD CURLS**



**REVERSE GRIP PULLDOWN**



**TRICEP PRESSDOWN**



**ABDOMINAL CRUNCH**

# Basic Exercise Guide



Use this equipment only for the exercises as shown. Know your limitations. If you are new to weight training, always start with lighter weight, learn how to perform the exercise correctly and train at a controlled rate of speed. Warm up properly with stretchings, calisthenics or cardiovascular exercises. Never hold your breath – general rule of thumb is to exhale when you exert.



**CHEST PRESS**



**INCLINE PRESS**



**MID ROW**



**LOW BACK EXTENSION**



**LEG EXTENSION**



**LEG CURL**



# Basic Exercise Guide



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**INNER THIGH**



**OUTER THIGH**



**CABLE REAR DELT FLY**



**CABLE CHEST FLY**



**CABLE CHEST PRESS**



**CABLE INCLINE PRESS**



# Basic Exercise Guide



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**CABLE ALTERNATING PRESS**



**CABLE MID ROW**



**CABLE TRICEP EXTENSION**



**CABLE CORE ROTATION**



**CABLE SHOULDER LATERAL**



**CABLE SHOULDER PRESS**

# Basic Exercise Guide



Use this equipment only for the exercises as shown. Know your limitations. If you are new to weight training, always start with lighter weight, learn how to perform the exercise correctly and train at a controlled rate of speed. Warm up properly with stretchings, calisthenics or cardiovascular exercises. Never hold your breath – general rule of thumb is to exhale when you exert.



**CABLE LOW ROW**



**SEATED CABLE CURLS**



**SEATED LATERAL RAISE**



**STANDING LATERAL RAISE**





# TUFFSTUFF WARRANTY

TuffStuff warrants to the original purchaser that TuffStuff equipment will be free from defects in material and workmanship. All warranty periods begin to run from the date of purchase to the original purchaser. The warranty and remedies set forth herein are conditioned upon proper storage, installation, use and maintenance and conformance with any recommendations of TuffStuff. This warranty does not cover products not manufactured by TuffStuff or products which are altered without the express written consent of TuffStuff.

## HOME LIFETIME WARRANTY\*:

**LIFETIME of the equipment while owned by the original purchaser (applies only to defects from manufacturer only).**

**\*This warranty does not cover:**

1. TuffStuff products sold for and used in a commercial or institutional environment.
2. Any damage, failure or loss caused by accident, misuse, neglect, abuse, improper assembly, improper maintenance, or failure to follow instructions or warnings in the owner's manual and warning labels posted on the machines.
3. Use of this apparatus in a manner for which it was not designed.
4. Original product that is altered, or the use of replacement parts and components of another manufacturer other than TuffStuff.

The obligation of TuffStuff under this warranty is limited to repairing or replacing warranted defective parts as TuffStuff may elect, at TuffStuff's facility in Chino, California, without charge to the purchaser. Purchaser is responsible for installation of repaired or replaced parts, and all transportation and insurance costs on returned or replaced equipment to and from TuffStuff's facility in Chino.

**THE FOREGOING SHALL CONSTITUTE THE SOLE REMEDY OF THE PURCHASER AND THE SOLE LIABILITY OF TUFFSTUFF WITH REGARD TO WARRANTY, WHETHER EXPRESS OR IMPLIED BY OPERATION OF LAW OR OTHERWISE, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS. TUFFSTUFF SHALL IN NO EVENT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL LOSSES, DAMAGES, OR EXPENSES IN CONNECTIONS WITH EXERCISE PRODUCTS. TUFFSTUFF'S LIABILITY HEREUNDER IS EXPRESSLY LIMITED TO THE REPAIRS OR REPLACEMENTS OF WARRANTED DEFECTIVE PARTS.**

This written warranty is the final, complete and exclusive agreement of the parties with respect to the quality or performance of the equipment and no action for breach of this written warranty or any implied warranty shall be commenced more than one (1) year after the accrual of the cause of action. No modification of this warranty or waiver of its terms shall be binding on either party unless approved in writing by an authorized representative of the party. Contact TuffStuff Fitness International, Inc. at 13971 Norton Avenue, Chino, CA 91710, before returning any defective equipment.

This warranty gives you specific legal rights and you may also have other rights, which may vary from state to state.

**SERIAL #**

Write your Serial number here for future reference

\_\_\_\_\_ Purchase Date



**TuffStuff Fitness International, Inc.**

13971 Norton Avenue, Chino, CA 91710, USA. Ph 909-629-1600 Fx 909-629-4967  
www.tuffstufffitness.com service@tuffstuff.net or service1@tuffstuff.net