

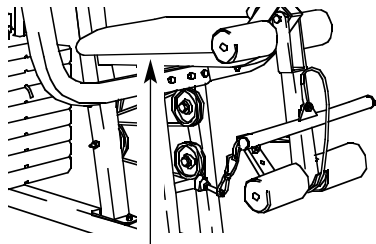
9510TM

USER'S MANUAL

Model No. WESY95100

Serial No. _____

(Write the serial number in the space above for reference.)



Serial Number Decal (under seat)

QUESTIONS?

As a manufacturer, we are committed to providing complete customer satisfaction. If you have questions, or find that there are missing or damaged parts, we will guarantee you complete satisfaction through direct assistance from our factory.

TO AVOID UNNECESSARY DELAYS, PLEASE CALL DIRECT TO OUR TOLL-FREE CUSTOMER HOT LINE. The trained technicians on our customer hot line will provide immediate assistance, free of charge to you.

CUSTOMER HOT LINE:

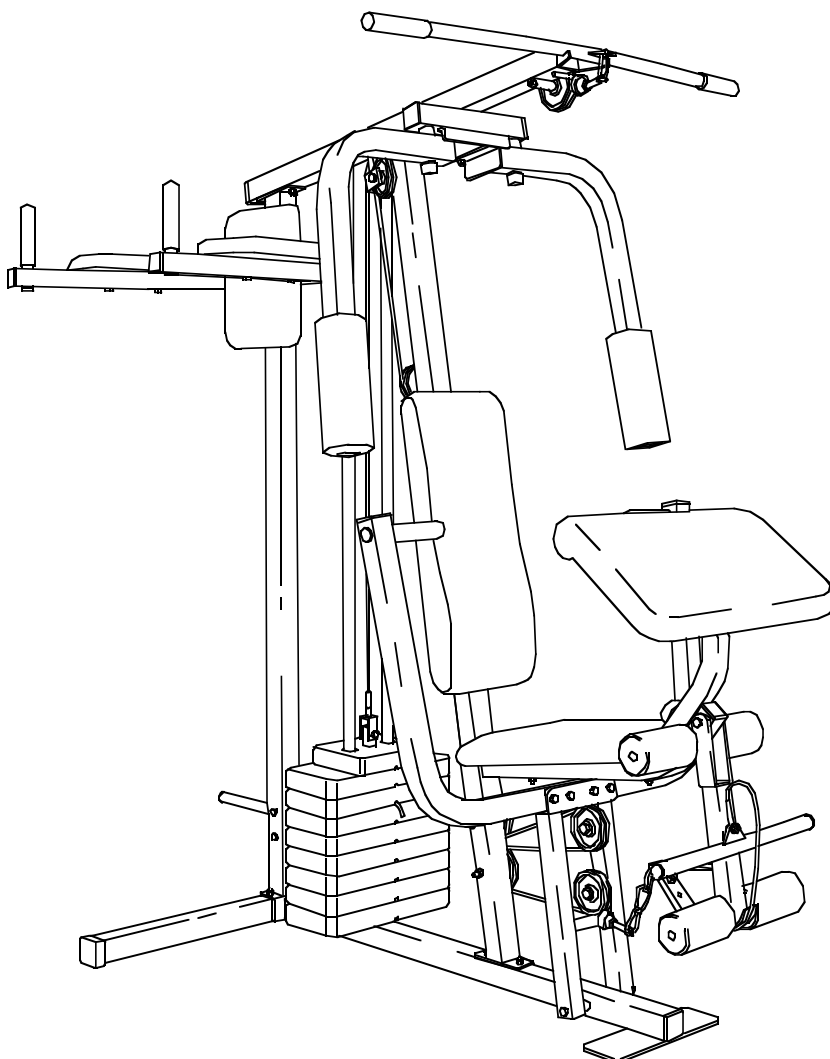
1-800-225-0653

Mon.-Fri., 6 a.m.-6 p.m. MST

CAUTION

Read all precautions and instructions in this manual before using this equipment. Save this manual for future reference.

PATENT PENDING



WEIDER[®]

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Note: A PART IDENTIFICATION CHART and a PART LIST/EXPLODED DRAWING are attached to the center of this manual. Remove the PART IDENTIFICATION CHART and the PART LIST/EXPLODED DRAWING before beginning assembly.

LIMITED WARRANTY

ICON Health & Fitness, Inc. (ICON), warrants this product to be free from defects in workmanship and material, under normal use and service conditions, for a period of ninety (90) days from the date of purchase. This warranty extends only to the original purchaser. ICON's obligation under this warranty is limited to replacing or repairing, at ICON's option, the product at one of its authorized service centers. All products for which warranty claim is made must be received by ICON at one of its authorized service centers with all freight and other transportation charges prepaid, accompanied by sufficient proof of purchase. All returns must be pre-authorized by ICON. This warranty does not extend to any product or damage to a product caused by or attributable to freight damage, abuse, misuse, improper or abnormal usage or repairs not provided by an ICON authorized service center, to products used for commercial or rental purposes, or to products used as store display models. No other warranty beyond that specifically set forth above is authorized by ICON.

ICON is not responsible or liable for indirect, special or consequential damages arising out of or in connection with the use or performance of the product or damages with respect to any economic loss, loss of property, loss of revenues or profits, loss of enjoyment or use, costs of removal, installation or other consequential damages of whatsoever nature. Some states do not allow the exclusion or limitation of incidental or consequential damages. Accordingly, the above limitation may not apply to you.

The warranty extended hereunder is in lieu of any and all other warranties and any implied warranties of merchantability or fitness for a particular purpose is limited in its scope and duration to the terms set forth herein. Some states do not allow limitations on how long an implied warranty lasts. Accordingly, the above limitation may not apply to you.

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

ICON HEALTH & FITNESS, INC., 1500 S. 1000 W., LOGAN, UT 84321-9813

IMPORTANT PRECAUTIONS

WARNING: To reduce the risk of serious injury, read the following important precautions before using the home gym system.

1. Read all instructions in this manual and in the accompanying literature before using the home gym system.
2. It is the responsibility of the owner to ensure that all users of the home gym system are adequately informed of all precautions.
3. If you feel pain or dizziness at any time while exercising, stop immediately and begin cooling down.
4. Use the home gym system only on a level surface. Place a mat beneath the home gym system to protect the floor or carpet.
5. Inspect and tighten all parts often. Replace any worn parts immediately.
6. The home gym system is designed to be used by only one person at a time.
7. Keep small children and pets away from the home gym system at all times.
8. Keep hands and feet away from moving parts.
9. Always wear athletic shoes for foot protection.
10. Always stand on the foot plate when performing an exercise that could cause the home gym system to tip.
11. Never release the press arm, butterfly arms, leg lever, lat bar, or nylon strap while weights are raised. The weights will fall with great force.
12. Make sure that the cables remain on the pulleys at all times. If the cables bind while you are exercising, stop immediately and make sure that the cables are on all of the pulleys.
13. Always disconnect the lat bar from the home gym system when performing an exercise that does not use the lat bar.

WARNING: Before beginning this or any exercise program, consult your physician. This is especially important for persons over the age of 35 or persons with pre-existing health problems. Read all instructions before using. ICON assumes no responsibility for personal injury or property damage sustained by or through the use of this product.

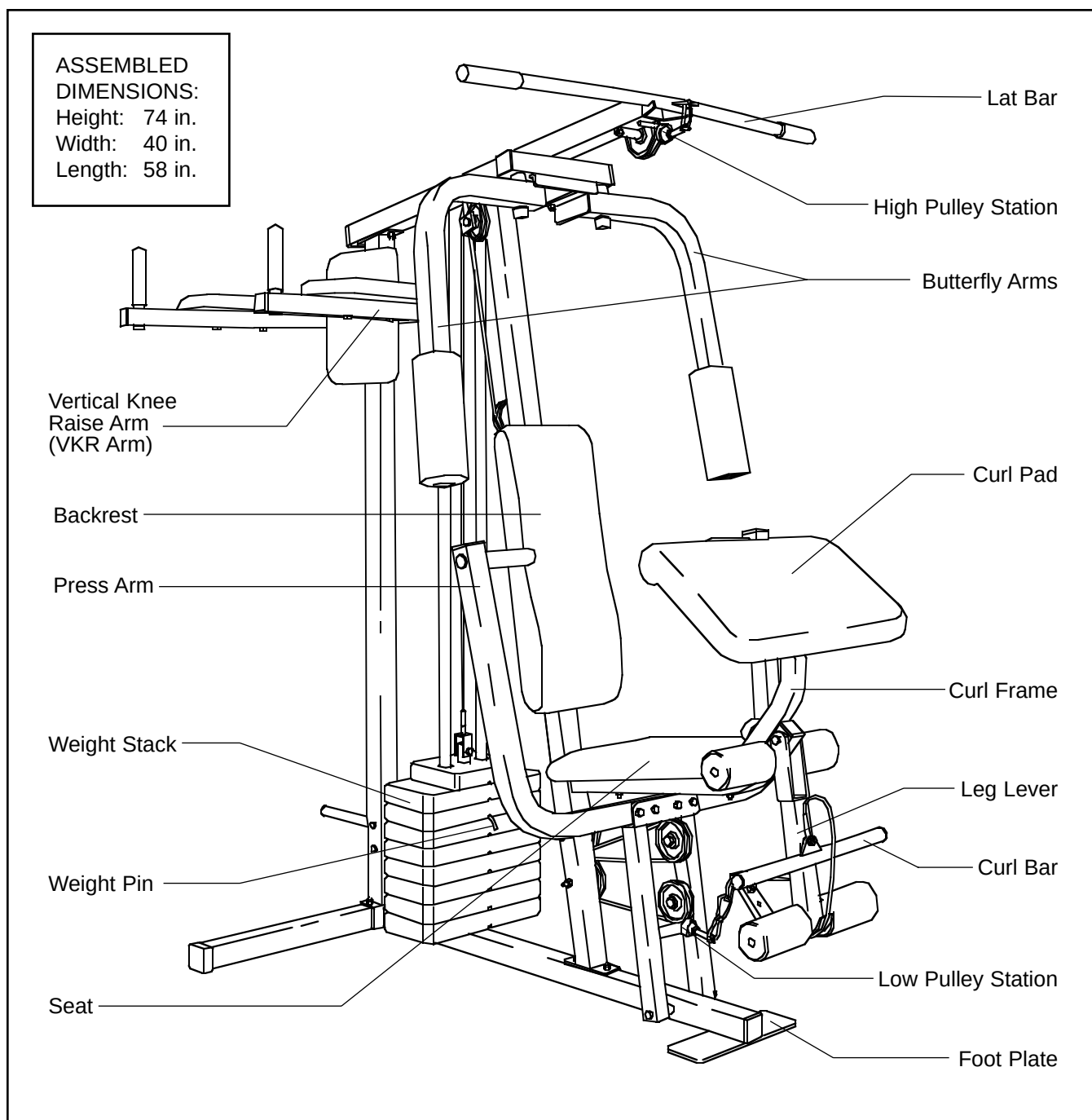
BEFORE YOU BEGIN

Thank you for selecting the versatile WEIDER® 9510 Home Gym System. The WEIDER® 9510 offers a selection of weight stations designed to develop every major muscle group of the body. Whether your goal is to tone your body, build dramatic muscle size and strength, or improve your cardiovascular system, the WEIDER® 9510 will help you to achieve the specific results you want.

For your benefit, read this manual carefully before using the WEIDER® 9510 Home Gym System. If you have additional questions, please call our Customer

Service Department toll-free at 1-800-225-0653, Monday through Friday, 6 a.m. until 6 p.m. Mountain Time (excluding holidays). To help us assist you, please note the product model number and serial number before calling. The model number is WESY95100. The serial number can be found on a decal attached to the WEIDER® 9510 (see the front cover of this manual).

Before reading further, please review the drawing below and familiarize yourself with the parts that are labeled.



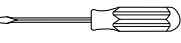
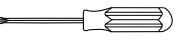
ASSEMBLY

Before beginning assembly, carefully read the following information and instructions:

- Place all parts of the WEIDER 9510 in a cleared area and remove the packing materials; do not dispose of the packing materials until assembly is completed.
- The assembly is divided into five stages: 1) frame assembly, 2) press and butterfly arm assembly, 3) cable and pulley assembly, 4) seat and back-rest assembly, and 5) VKR assembly. The hardware for each stage is packaged separately.
- Wait until you begin each assembly stage to open that parts bag.
- For help identifying the small parts used in assembly, **use the PART IDENTIFICATION CHART located in the center of this manual.** Note: Some small parts may have been pre-attached for shipping. If a part is not in the parts bag, check to see if it has been pre-attached.

- As you assemble the WEIDER 9510, be sure that all parts are oriented as shown in the drawings.
- Tighten all parts as you assemble them, unless instructed to do otherwise.

THE FOLLOWING TOOLS (NOT INCLUDED) ARE REQUIRED FOR ASSEMBLY:

- Two (2) adjustable wrenches** 
- One (1) standard screwdriver** 
- One (1) phillips screwdriver** 
- One (1) rubber mallet** 
- Lubricant, such as grease or petroleum jelly, and soapy water will also be needed.**

Assembly will be more convenient if you have the following tools: A socket set, a set of open-end or closed-end wrenches, or a set of ratchet wrenches.

FRAME ASSEMBLY

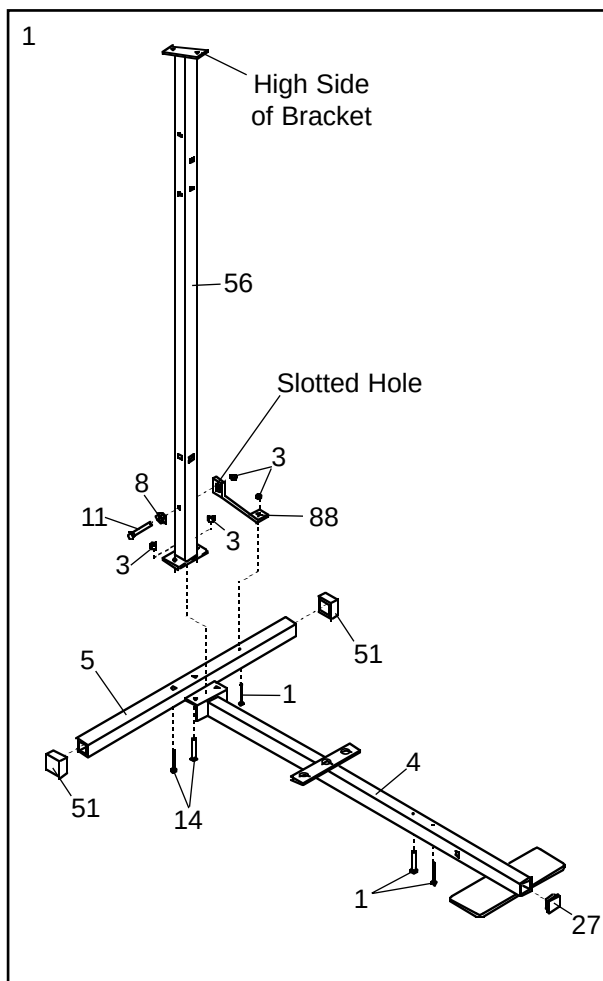
- Before beginning assembly, be sure that you have read and understand the information in the box above.**

Press a 2" Square Outer Cap (51) onto each end of the Stabilizer (5). Press a 2" Square Inner Cap (27) into the end of the Base (4).

Insert two 5/16" x 2 3/4" Carriage Bolts (14) up through the Stabilizer (5). Insert a 5/16" x 2 1/2" Carriage Bolt (1) up through the Stabilizer. Insert two 5/16" x 2 1/2" Carriage Bolts (1) up through the Base (4).

Slide the indicated end of the Base (4) onto the 5/16" x 2 3/4" Carriage Bolts (14) in the Stabilizer (5). Slide the Rear Upright (56) onto the Carriage Bolts. **The high side of the bracket on the Rear Upright must be on the side shown.** Hand tighten a 5/16" Nylon Locknut (3) onto each Carriage Bolt. **Do not tighten the Nylon Locknuts yet.**

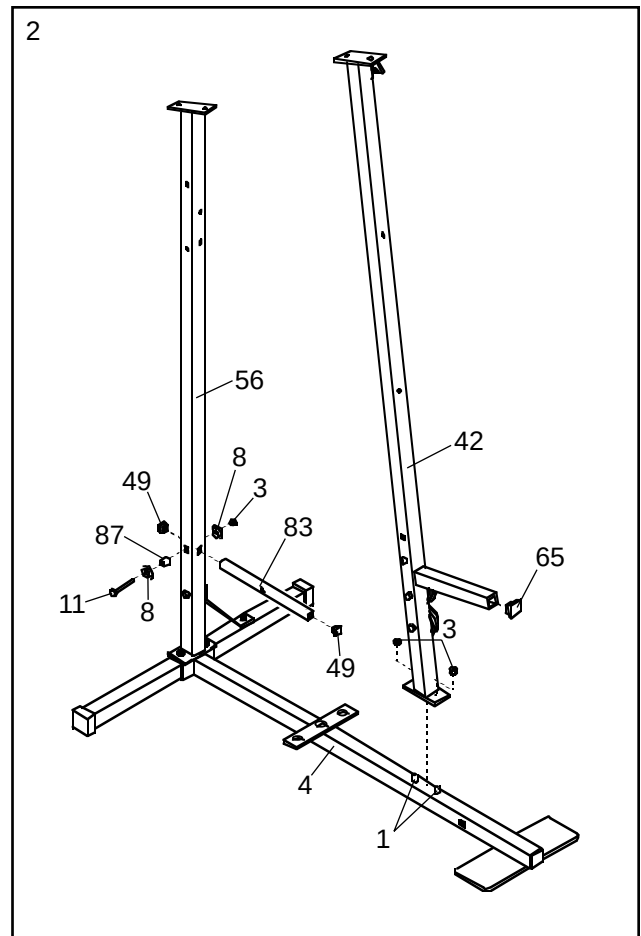
Slide the end of the Brace (88) with the round hole onto the 5/16" x 2 1/2" Carriage Bolt (1) in the Stabilizer (5). Hand tighten a 5/16" Nylon Locknut (3) onto the Carriage Bolt. Attach the end of the Brace with the slotted hole to the Rear Upright (56) with a 5/16" x 2 3/4" Bolt (11), a 5/16" Flat Washer (8), and a 5/16" Nylon Locknut (3). **Do not tighten the Nylon Locknuts yet.**



2. Slide the Front Upright (42) onto the 5/16" x 2 1/2" Carriage Bolts (1) in the Base (4). Hand tighten a 5/16" Nylon Locknut (3) onto each Carriage Bolt. **Do not tighten the Nylon Locknuts yet.**

Press a 1" Square Inner Cap (65) into the Front Upright (42).

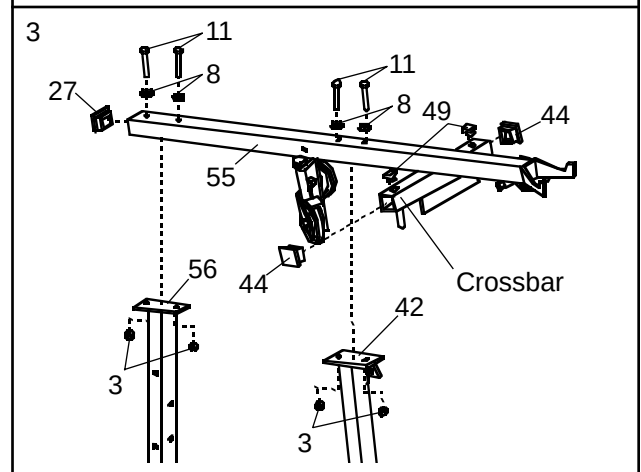
Press 1" Round Inner Cap (49) into each end of the Foot Rest (83). Attach the Foot Rest to the Rear Upright (56) with a 5/16" x 2 3/4" Bolt (11), two 5/16" Flat Washers (8), a 1/2" x 1/2" Bushing (87), and a 5/16" Nylon Locknut (3).



3. Press a 2" Square Inner Cap (27) into the indicated end of the Top Frame (55). Press a 1 3/4" Square Inner Cap (44) into each end of the crossbar on the Top Frame. Press two 1" Round Inner Caps (49) into the top of the crossbar.

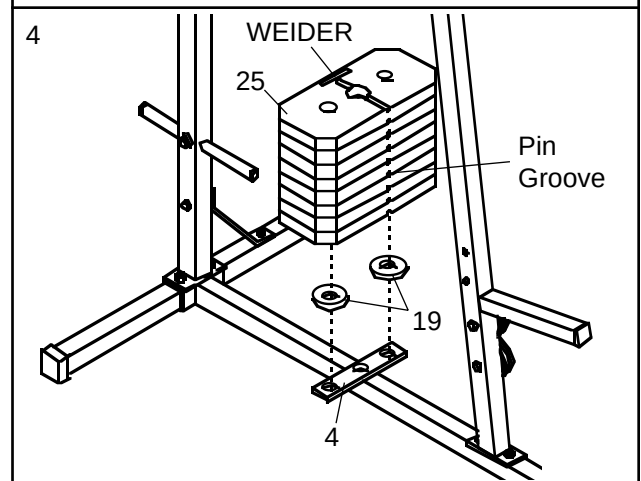
Attach the Top Frame (55) to the Front Upright (42) and the Rear Upright (56) with four 5/16" x 2 3/4" Bolts (11), four 5/16" Flat Washers (8), and four 5/16" Nylon Locknuts (3).

Tighten all Nylon Locknuts used in steps 1 through 3.



4. Set two Weight Bumpers (19) onto the indicated bracket on the Base (4) as shown.

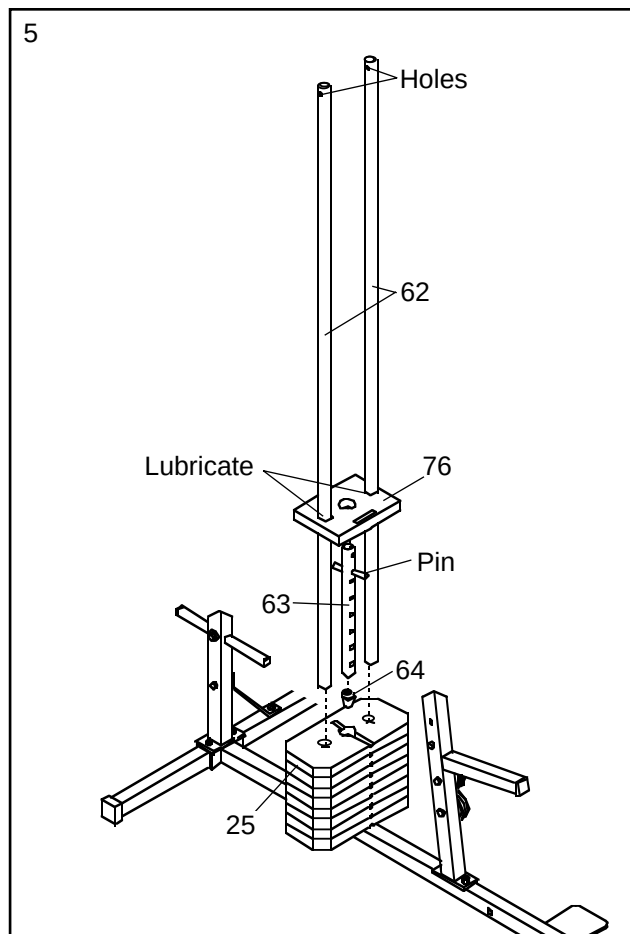
Stack eight Weights (25) onto the Weight Bumpers (19). **Be sure that the pin grooves are all on the indicated side and that the "WEIDER" logos are on top.**



5. Press the Weight Tube Bumper (64) into the end of the Weight Tube (63). Insert the Weight Tube into the stack of Weights (25). **Be sure that the pins on the Weight Tube are sitting in the pin grooves in the top Weight.**

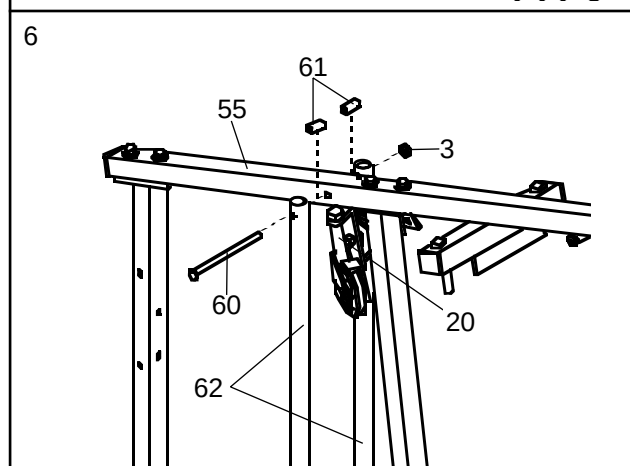
Lubricate the insides of the holes in the Top Weight (76). Set the Top Weight on the stack of Weights (25).

Insert both Weight Guides (62) into the stack of Weights (25). **Be sure that the indicated holes in the Weight Guides are at the top.**



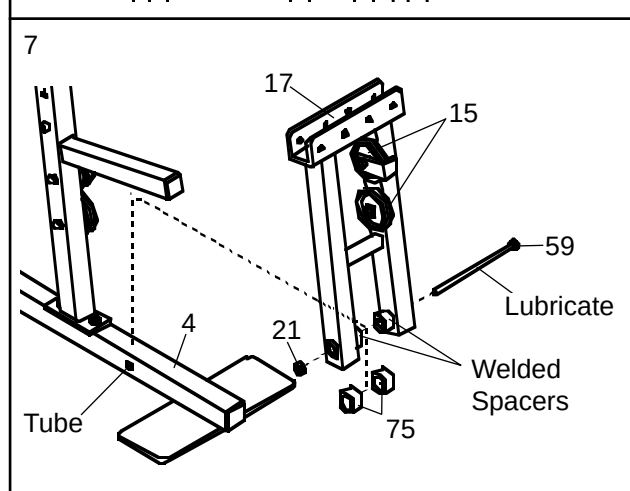
6. Attach the upper ends of the Weight Guides (62) to the Top Frame (55) with the 5/16" x 6" Bolt (60), two 1/2" x 3/4" Spacers (61), and a 5/16" Nylon Locknut (3).

Be sure that the Pulley Bracket (20) is in front of the right Weight Guide (62) as shown.



7. Press a 1" x 7/8" Plastic Bushing (75) onto each welded spacer on the Press Frame (17). Slide the Press Frame into place on the Base (4). **Note: This will be a tight fit. The Plastic Bushings should fit on each end of the indicated tube in the Base. Be sure that the 3 1/2" Pulleys (15) are on the indicated side.**

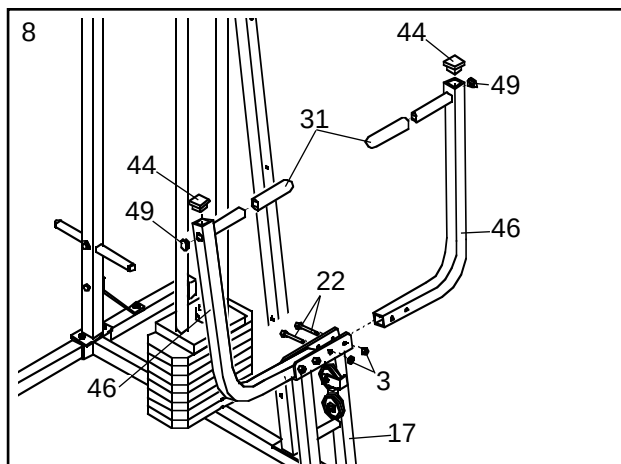
Lubricate the 3/8" x 8" Bolt (59). Attach the Press Frame (17) to the Base (4) with the 3/8" x 8" Bolt and a 3/8" Nylon Locknut (21).



8. Wet the handle of one Press Arm (46) with soapy water. Slide a Hand Grip (31) onto the handle. Press a 1" Round Inner Cap (49) into the other end of the handle. Press a 1 3/4" Square Inner Cap (44) into the Press Arm.

Attach the Press Arm (46) to one side of the Press Frame (17) with two 5/16" x 2 1/2" Bolts (22) and two 5/16" Nylon Locknuts (3).

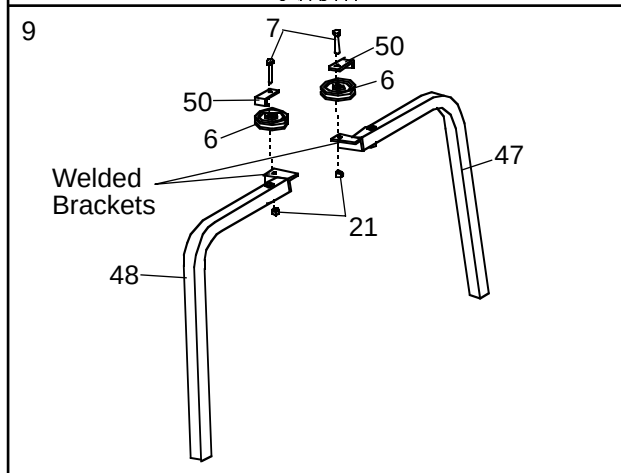
Assemble the other Press Arm (46) in the same manner.



9. Identify the Right Arm (48) and the Left Arm (47). **Note the position of the welded bracket on each Arm. Arm identification is very important for step 10.**

Attach a "V"-Pulley (6) and a Long Cable Trap (50) to the Right Arm (48) with a 3/8" x 2 1/2" Bolt (7) and a 3/8" Nylon Locknut (21).

Attach a "V"-Pulley (6) and a Long Cable Trap (50) to the Left Arm (47) in the same manner.



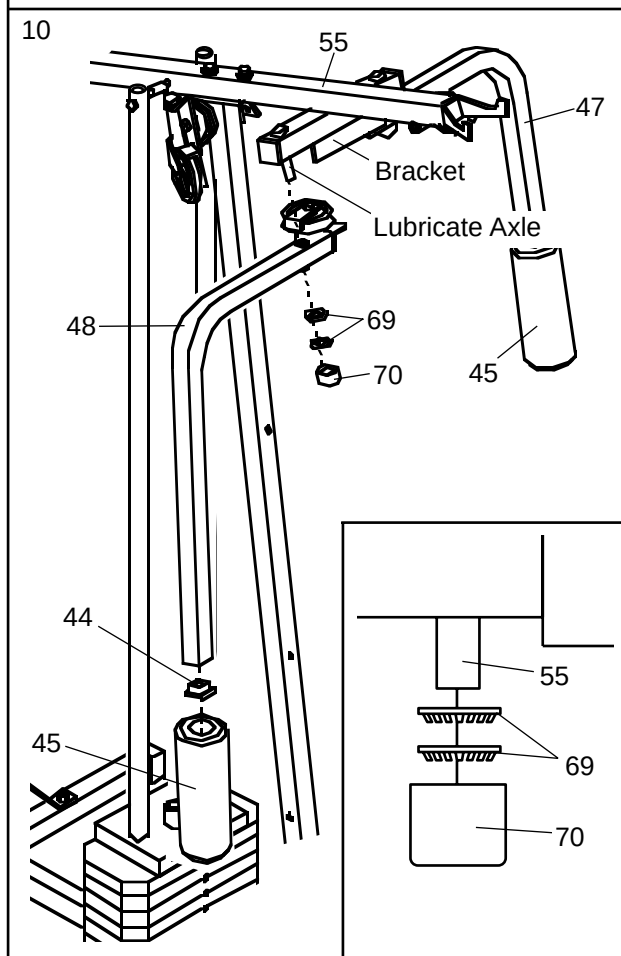
10. Lubricate both axles on the Top Frame (55).

Slide the Right Arm (48) onto the right axle. **Note: Be careful not to confuse the Right Arm with the Left Arm (47); refer to step 9 to identify the Right Arm. Be sure that the upper end of the Right Arm is behind the indicated bracket on the Top Frame (55).**

Tap two 1" Retainers (69) and a 1" Round Cover Cap (70) onto the right axle. **Be sure that the teeth on the Retainers bend toward the Cover Cap, as shown in the inset drawing.**

Attach the Left Arm (47) in the same manner.

Press 1 3/4" Square Inner Caps (44) into the lower ends of the Right and Left Arms (47, 48). Wet the lower end of each Arm with soapy water. Slide a 10" Pad (45) onto the lower end of each Arm.



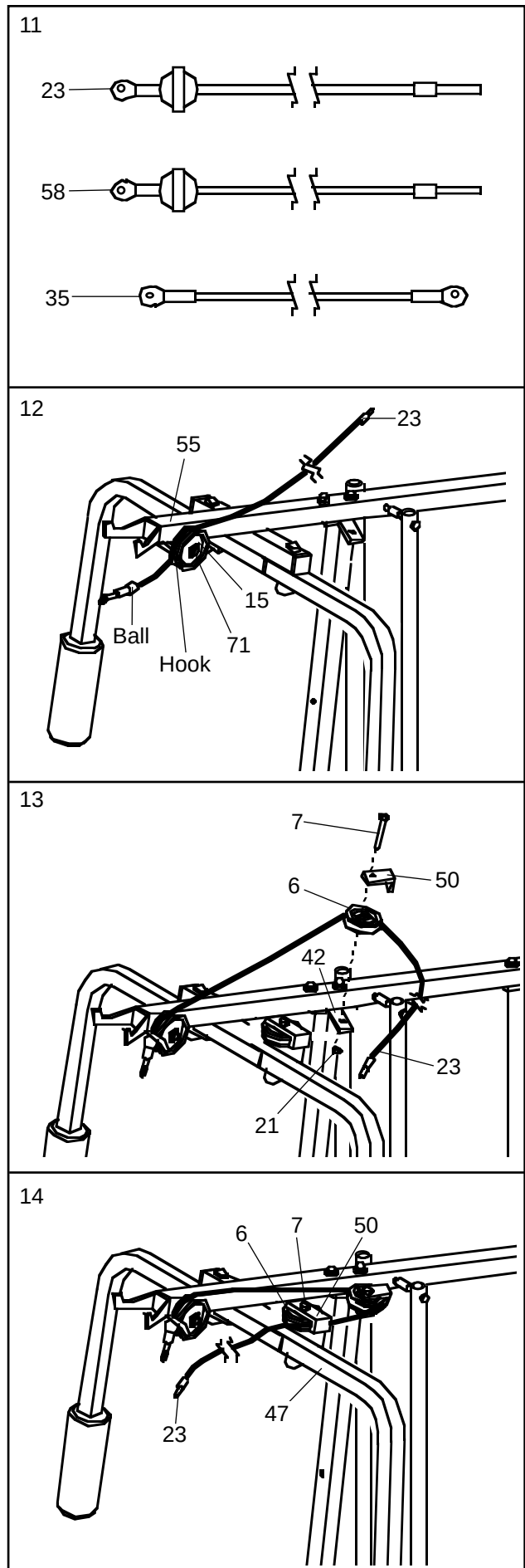
11. During steps 11 through 27, refer to the CABLE DIAGRAM on page 22 of this manual to verify proper cable routing. Before beginning this section, identify the Long Cable (23), the Medium Cable (58), and the Short Cable (35) by comparing the lengths and ends of the cables.

IMPORTANT: While assembling the cables, do not overtighten the bolts and nuts attaching the pulleys. The pulleys must be able to turn freely.

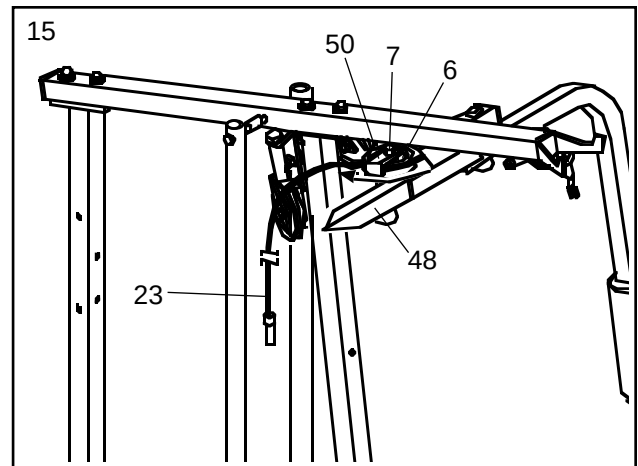
12. **Locate the Long Cable (23).** Route the Long Cable around the indicated 3 1/2" Pulley (15) attached to the Top Frame (55). **Be sure that the end of the Cable with the ball is on the indicated side of the Pulley and that the Cable is between the Pulley and the hook.** Tighten the 3/8" x 3 3/4" Bolt (71) and the 3/8" Nylon Locknut (not shown).

13. Wrap the Long Cable (23) around a "V"-Pulley (6). Attach the "V"-Pulley and a Long Cable Trap (50) to the indicated bracket on the Front Upright (42) with a 3/8" x 2 1/2" Bolt (7) and a 3/8" Nylon Locknut (21). **Be sure that the Long Cable Trap is positioned to hold the Cable in place.**

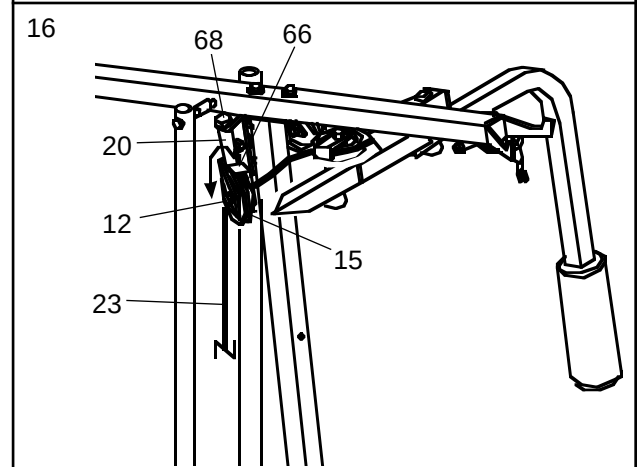
14. Route the Long Cable (23) around the "V"-Pulley (6) on the Left Arm (47). **Be sure that the Cable is in the groove of the Pulley and that the Long Cable Trap (50) is positioned to hold the Cable in place.** Tighten the 3/8" x 2 1/2" Bolt (7) and the 3/8" Nylon Locknut (not shown).



15. Route the Long Cable (23) around the “V”-Pulley (6) on the Right Arm (48). **Be sure that the Cable is in the groove of the “V”-Pulley and that the Long Cable Trap (50) is turned to hold the Cable in place.** Tighten the 3/8” x 2 1/2” Bolt (7) and the 3/8” Nylon Locknut (not shown).

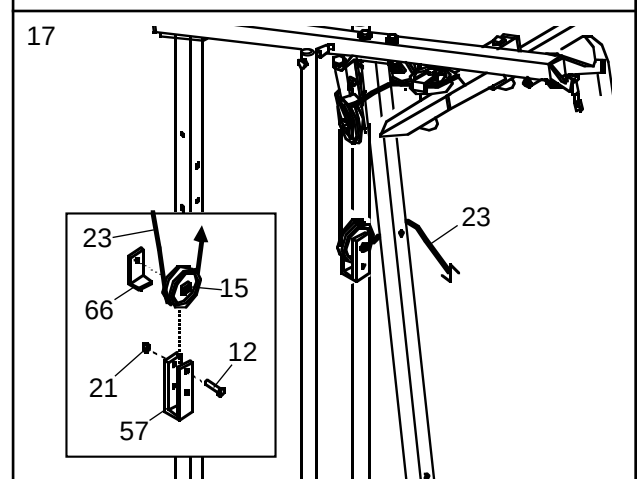


16. Route the Long Cable (23) around the 3 1/2” Pulley (15) attached to the Pulley Bracket (20). **Be sure that the Cable is in the groove of the Pulley and that the Cable Trap (66) is turned to hold the Cable in place.** Tighten the 3/8” x 2” Bolt (12) and the 3/8” Nylon Locknut (not shown).



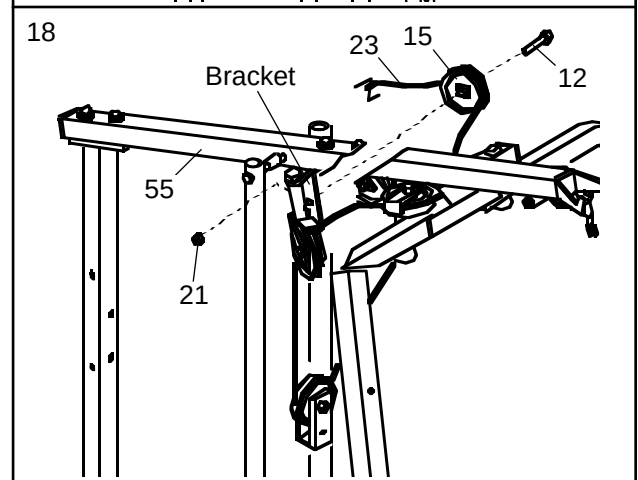
Make sure that the 5/16” x 5” Bolt (68) is properly tightened and that the Pulley Bracket (20) can move freely.

17. See the inset drawing. Attach a 3 1/2” Pulley (15) and a Cable Trap (66) to the indicated hole in the Long “U”-Bracket (57) with a 3/8” x 2” Bolt (12) and a 3/8” Nylon Locknut (21). **Be sure that the Cable Trap is inside the “U”-Bracket. Note: This may come pre-assembled.**



Route the Long Cable (23) around the 3 1/2” Pulley (15) and through the Long “U”-Bracket (57). **Be sure that the Cable is in the groove of the Pulley and that the Cable and Pulley move smoothly.**

18. **Note: The Pulley in this drawing is pre-assembled. It is shown disassembled for easy part identification.**

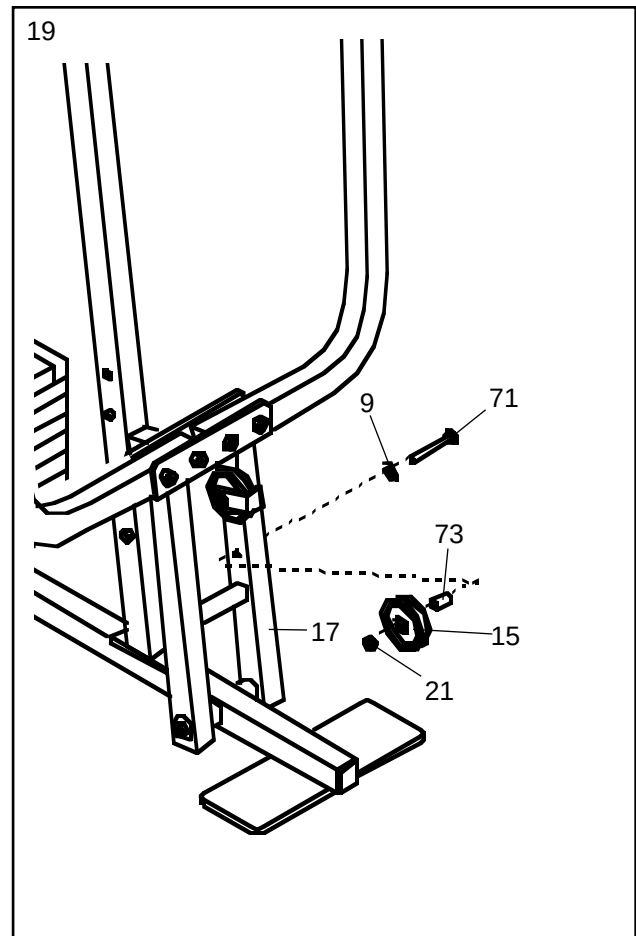


Route the Long Cable (23) around the 3 1/2” Pulley (15) attached to the bracket on the Top Frame (55). Tighten the 3/8” x 2” Bolt (12) and the 3/8” Nylon Locknut (21). **Be sure that the Cable is in the groove of the Pulley and that the Cable and Pulley move smoothly.**

19. Assembly steps 19 through 21 show how to complete the assembly of several pre-attached parts.

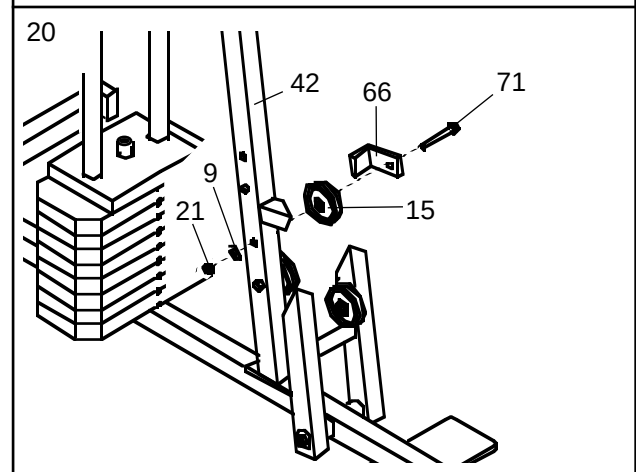
The 5/8" x 9/16" Spacer (73) has been pre-attached on the wrong side of the 3 1/2" Pulley (15) for shipping purposes. Remove the 3/8" Nylon Locknut (21), the Spacer, and the Pulley from the 3/8" x 3 3/4" Bolt (71). **Do not remove the Bolt. The Bolt has been shown removed for part identification.**

Reattach the 3 1/2" Pulley (15), with the 5/8" x 9/16" Spacer (73) between the Pulley and the Press Frame (17). **Do not tighten the 3/8" Nylon Locknut (21) yet. Be sure that the 3/8" x 3 3/4" Bolt (71), the 3/8" Flat Washer (9), the 5/8" x 9/16" Spacer (73), the 3 1/2" Pulley, and the 3/8" Nylon Locknut (21) are oriented as shown.**



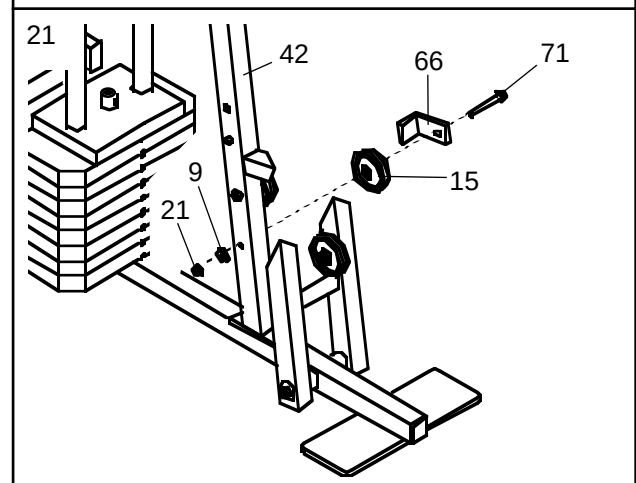
20. The indicated 3/8" x 3 3/4" Bolt (71) has been inserted from the wrong side for shipping purposes. Remove the Bolt and the 3/8" Nylon Locknut (21).

Slide the Cable Trap (66) and the 3 1/2" Pulley (15) onto the 3/8" x 3 3/4" Bolt (71). Re-insert the Bolt into the Front Upright (42) from the direction shown. Hand tighten the 3/8" Nylon Locknut (21) with the 3/8" Flat Washer (9) onto the Bolt. **Be sure that all parts are oriented as shown. Do not tighten the Nylon Locknut yet.**

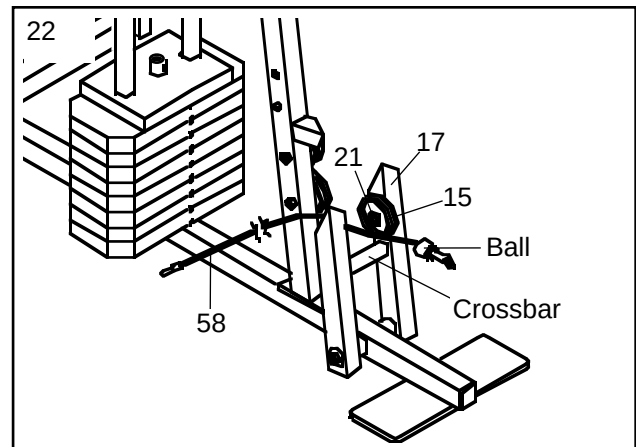


21. The indicated 3/8" x 3 3/4" Bolt (71) has also been inserted from the wrong side for shipping purposes. Remove the Bolt and the 3/8" Nylon Locknut (21).

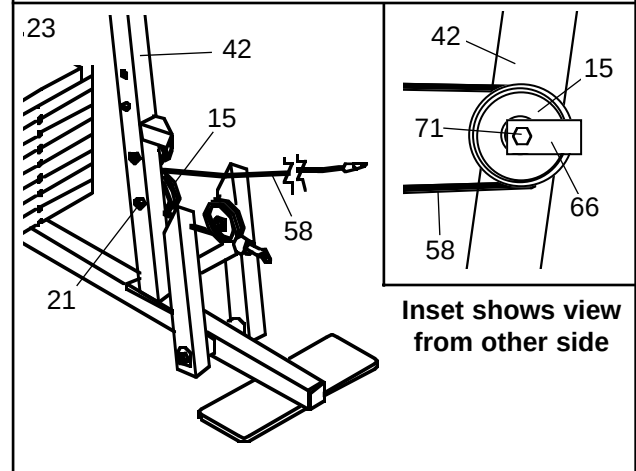
Slide the Cable Trap (66) and the 3 1/2" Pulley (15) onto the 3/8" x 3 3/4" Bolt (71). Re-insert the Bolt into the Front Upright (42) from the direction shown. Hand tighten the 3/8" Nylon Locknut (21) with the 3/8" Flat Washer (9) onto the Bolt. **Be sure that all parts are oriented as shown. Do not tighten the Nylon Locknut yet.**



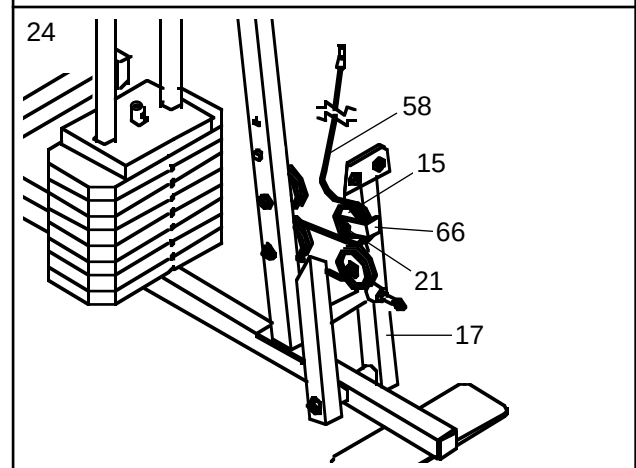
22. **Locate the Medium Cable (58).** Route the Medium Cable (58) under the 3 1/2" Pulley (15) attached to the lower hole in the Press Frame (17). **Be sure that the end of the Cable with the ball is on the indicated side of the Press Frame and that the Cable is between the Pulley and the crossbar on the Press Frame.** Tighten the 3/8" Nylon Locknut (21) and the 3/8" x 3 3/4" Bolt (not shown).



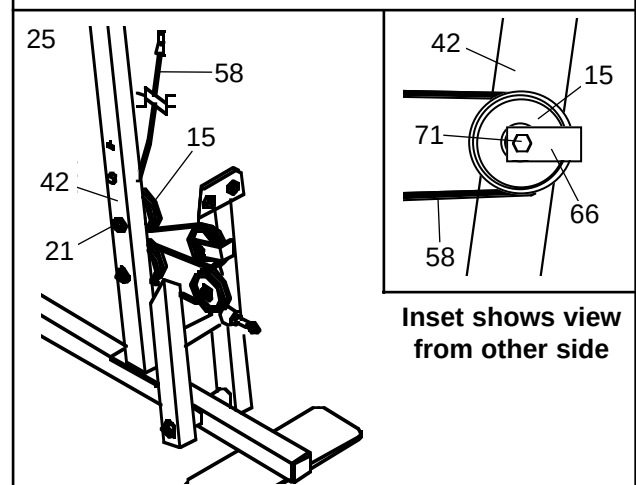
23. Route the Medium Cable (58) around the 3 1/2" Pulley (15) attached to the lower hole in the Front Upright (42). **See the inset drawing. Be sure that the Cable Trap (66) is turned to hold the Cable in place and that the Cable is routed around the Pulley as shown.** Tighten the 3/8" Nylon Locknut (21) and the 3/8" x 3 3/4" Bolt (71).



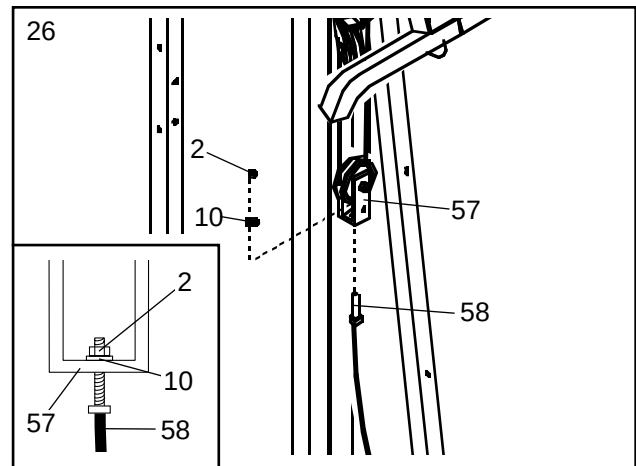
24. Route the Medium Cable (58) around the 3 1/2" Pulley (15) attached to the upper hole in the Press Frame (17). **Be sure that the Cable Trap (66) is turned to hold the Cable in place and that the Cable is routed around the Pulley as shown.** Tighten the 3/8" Nylon Locknut (21) and the 3/8" x 3 1/2" Bolt (not shown).



25. Route the Medium Cable (58) around the 3 1/2" Pulley (15) attached to the upper hole in the Front Upright (42). **See the inset drawing. Be sure that the Cable Trap (66) is turned to hold the Cable in place and that the Cable is routed around the Pulley as shown.** Tighten the 3/8" Nylon Locknut (21) and the 3/8" x 3 3/4" Bolt (71).

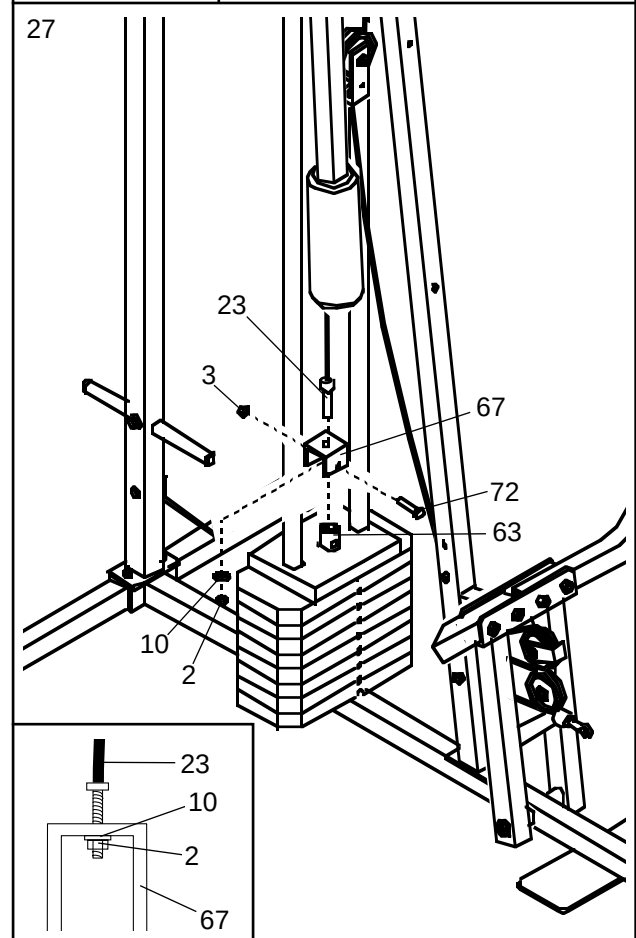


26. Attach the end of the Medium Cable (58) to the Long "U"-Bracket (57) with a 1/4" Nylon Locknut (2) and a 1/4" Flat Washer (10). **Do not completely tighten the Nylon Locknut. It should be threaded onto the end of the Cable so only a couple of threads are showing above the Nylon Locknut, as shown in the inset drawing.**

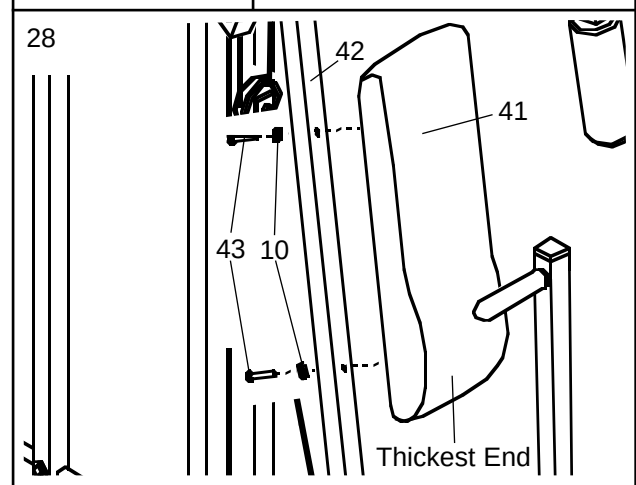


27. Attach the Long Cable (23) to the Small "U"-Bracket (67) with a 1/4" Nylon Locknut (2) and a 1/4" Flat Washer (10). **Do not completely tighten the Nylon Locknut. It should be threaded onto the end of the Cable only a couple of turns, as shown in the inset drawing.**

Attach the Small "U"-Bracket (67) to the Weight Tube (63) with the 5/16" x 1 3/4" Bolt (72) and a 5/16" Nylon Locknut (3).



28. Attach the Backrest (41) to the Front Upright (42) with two 1/4" x 2 1/2" Screws (43) and two 1/4" Flat Washers (10). **The Backrest must be turned so the thickest end is at the bottom.**



29. Press a 1 1/2" Square Inner Cap (32) into the Seat Frame (36).

Insert the 1/4" x 2" Carriage Bolt (38) into the center hole in the Seat Plate (37). Attach the Seat Plate to the Seat (13) with two 1/4" x 1/2" Screws (18).

Insert the 1/4" x 2" Carriage Bolt (38) into the indicated hole in the Seat Frame (36). Tighten a 1/4" Nylon Locknut (2) with a 1/4" Flat Washer (10) onto the Carriage Bolt.

Attach the other end of the Seat (13) to the Seat Frame (36) with a 1/4" Flat Washer (10) and a 1/4" x 2" Screw (24).

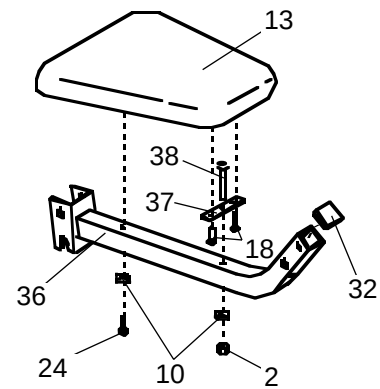
30. Lubricate the 5/16" x 2 1/4" Bolt (33). Attach the Leg Lever (29) to the Seat Frame (36) with the 5/16" x 2 1/4" Bolt and a 5/16" Nylon Locknut (3).

31. Attach the Short Cable (35) to one of the three holes in the Leg Lever (29) with a 5/16" x 3/4" Bolt (89), a 5/16" Washer (8), and a 5/16" Nylon Locknut (3). **Note: The three holes are for cable adjustment.** Insert the Short Cable between the welded rod and the Leg Lever.

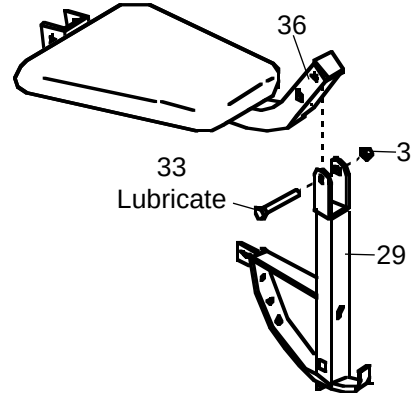
Press a 1" Round Inner Cap (49) into each end of the Curl Bar (86). Slide the 5/8" x 3/8" Bushing (91), the Curl Bar, and the Short Cable (35) onto the 5/16" x 1 1/4" Carriage Bolt (90). Hand tighten a 5/16" Nylon Locknut (3) onto the Carriage Bolt.

32. Rest the Seat Frame (36) on the indicated pin in the Front Upright (42). Attach the Seat Frame to the Front Upright with a 5/16" x 2 3/4" Carriage Bolt (14) and the Seat Knob (40).

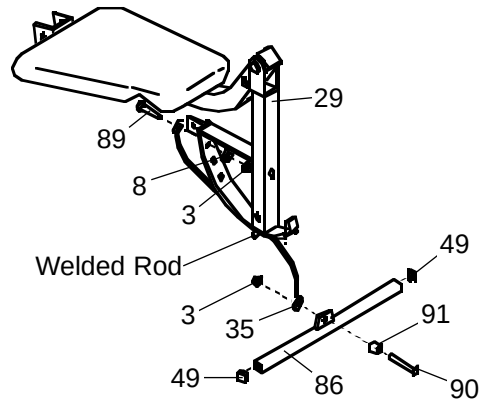
29



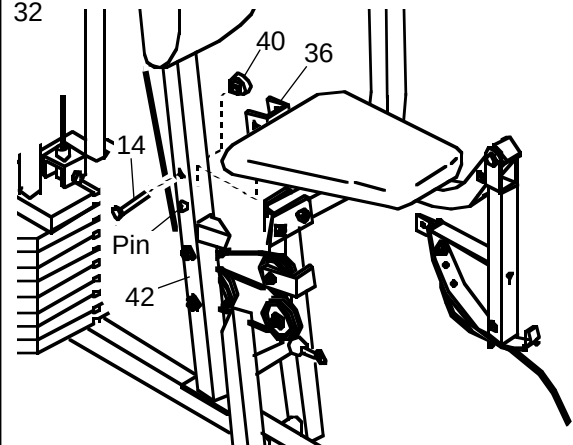
30



31



32

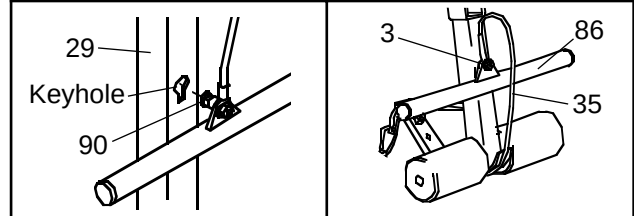
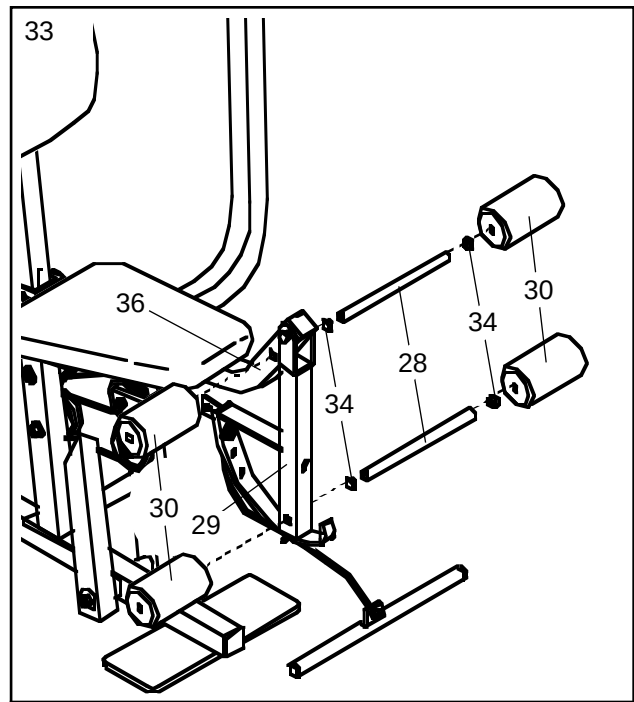


33. Press 3/4" Round Inner Caps (34) into the ends of both 12 1/2" Pad Tubes (28).

Insert one 12 1/2" Pad Tube (28) into the Seat Frame (36). Slide a 5 1/2" Pad (30) onto each end of the Pad Tube.

Insert the other 12 1/2" Pad Tube (28) into the Leg Lever (29). Slide a 5 1/2" Pad (30) onto each end of the Pad Tube.

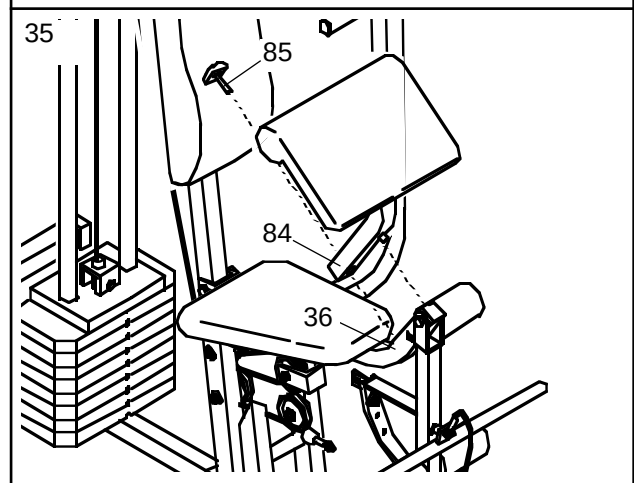
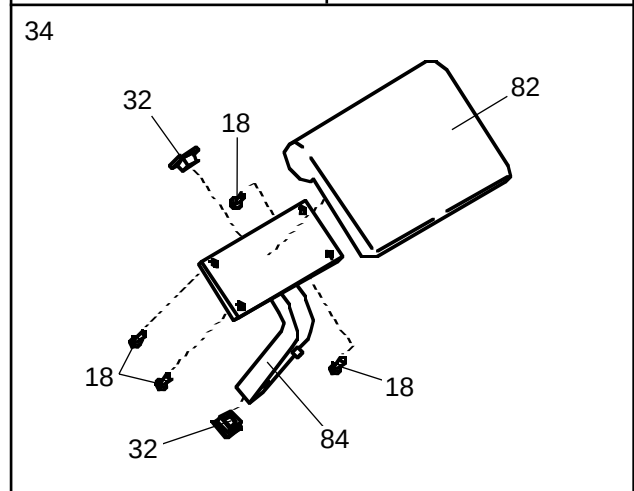
See the left inset drawing. Insert the head of the 5/16" x 1 1/4" Carriage Bolt (90) into the keyhole in the Leg Lever (29). **Be sure that the shoulder of the Carriage Bolt is firmly seated in the square part of the keyhole.** See the right inset drawing. **Orient the Short Cable (35) and the Curl Bar (86) as shown.** Tighten the indicated 5/16" Nylon Locknut (3). **Do not overtighten the Nylon Locknut.** This is the storage position for the Curl Bar.



34. Attach the Curl Pad (82) to the Curl Frame (84) with four 1/4" x 1/2" Screws (18).

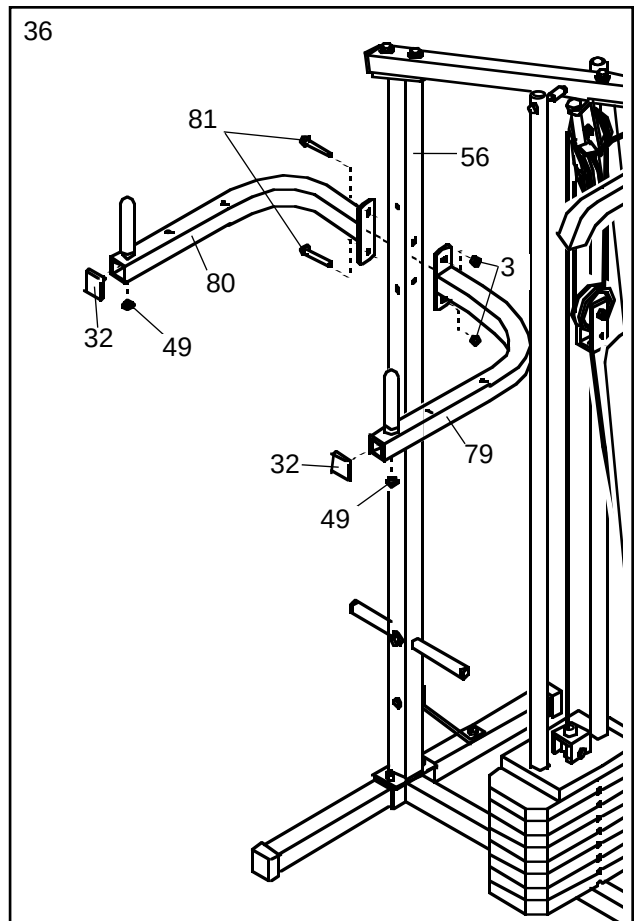
Insert a 1 1/2" Square Inner Cap (32) into each end of the Curl Frame (84). **Note: These Square Inner Caps may come pre-assembled.**

35. Attach the Curl Frame (84) to the Seat Frame (36) by inserting the pin on the Curl Frame into the upper hole in the Seat Frame. Secure the Curl Frame with the Curl Knob (85).



36. Press 1 1/2" Square Inner Caps (32) into the ends of the Left VKR Arm (79) and the Right VKR Arm (80). Press 1" Round Inner Caps (49) into the ends of the handles on the Left VKR Arm and the Right VKR Arm.

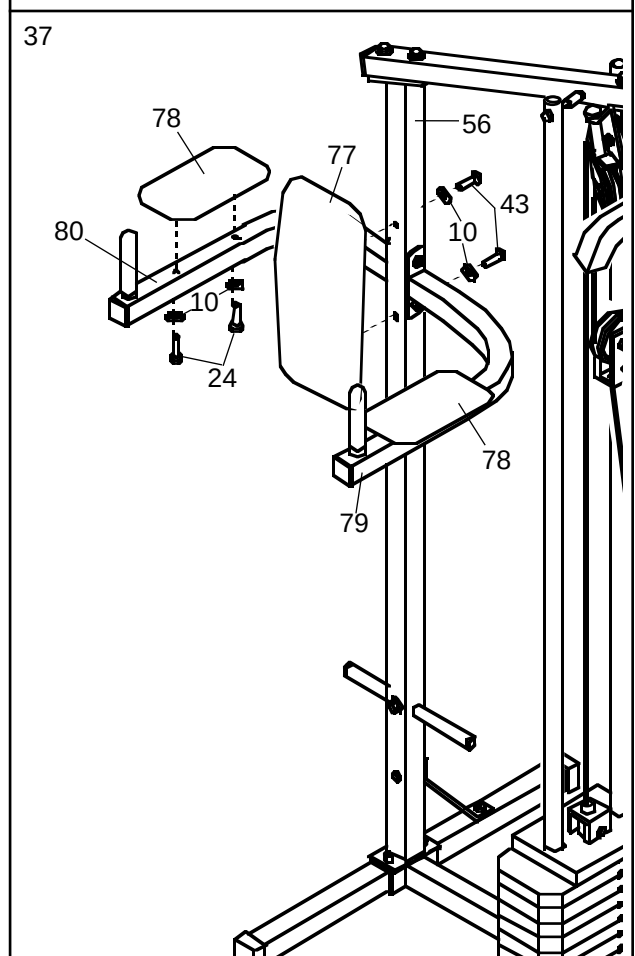
Attach the Left VKR Arm (79) and the Right VKR Arm (80) to the Rear Upright (56) with two 5/16" x 3" Bolts (81) and two 5/16" Nylon Locknuts (3).



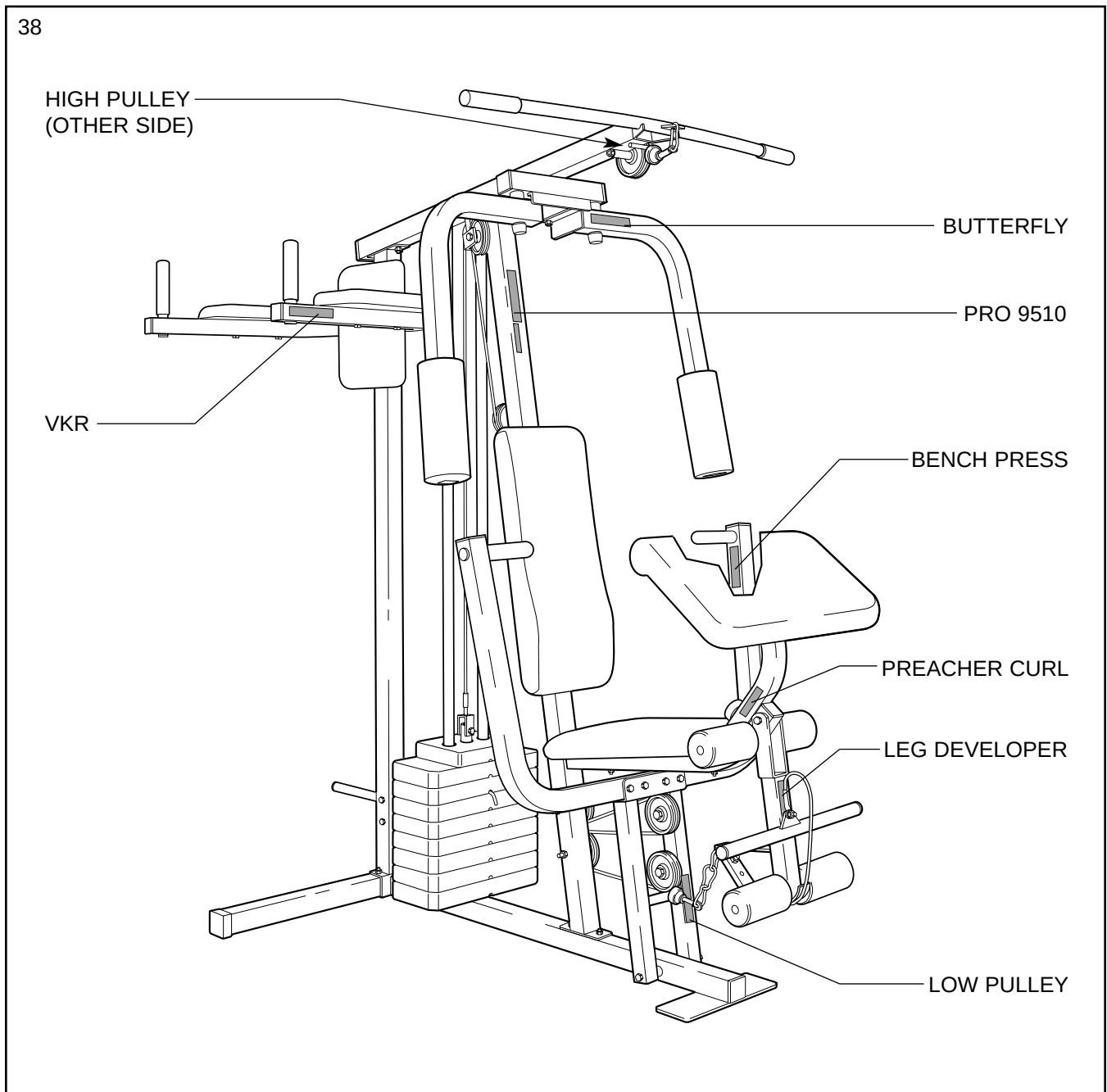
37. Attach a VKR Armrest (78) to the Right VKR Arm (80) with two 1/4" x 2" Screws (24) and two 1/4" Flat Washers (10).

Attach a VKR Armrest (78) to the Left VKR Arm (79) in the same manner.

Attach the VKR Backrest (77) to the Rear Upright (56) with two 1/4" x 2 1/2" Screws (43) and two 1/4" Flat Washers (10).



38. Remove the decals from the decal sheet (not shown) and apply them to the home gym system in the locations shown in the illustration below.



39. Make sure that all parts have been properly tightened. The use of the remaining parts will be explained in ADJUSTMENT, beginning on page 18 of this manual.

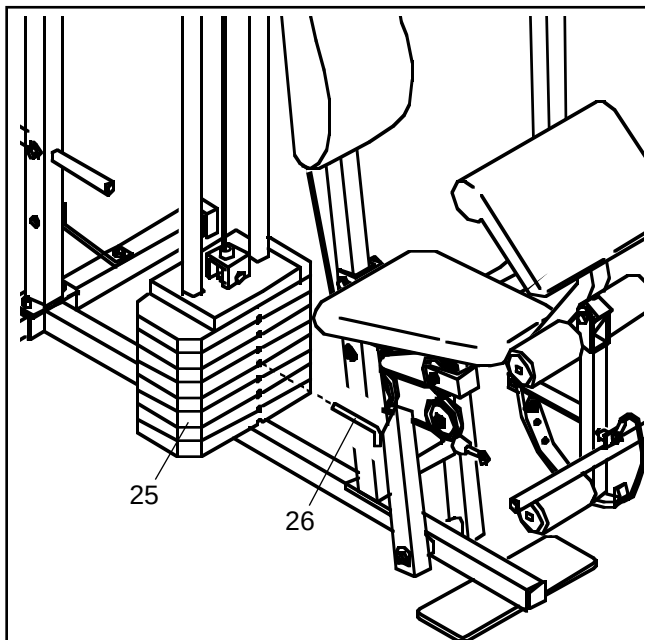
Before using the home gym system, pull each cable a few times to be sure that the cables move smoothly over the pulleys. If one of the cables does not move smoothly, find and correct the problem. **IMPORTANT: If the cables are not properly installed, they may be damaged when heavy weight is used. See the CABLE DIAGRAM on page 22 of this manual for proper cable routing. If there is any slack in the cables, you will need to remove it by tightening the cables. See TROUBLE-SHOOTING AND MAINTENANCE on page 21.**

ADJUSTMENT

The instructions below describe how each part of the home gym system can be adjusted. Refer to the exercise guide accompanying this manual to see how the home gym system should be set up for each exercise. **IMPORTANT: When attaching the lat bar or nylon strap, make sure that the attachments are in the correct starting position for the exercise to be performed. If there is any slack in the cables or chain as an exercise is performed, the effectiveness of the exercise will be reduced.**

CHANGING THE WEIGHT SETTING

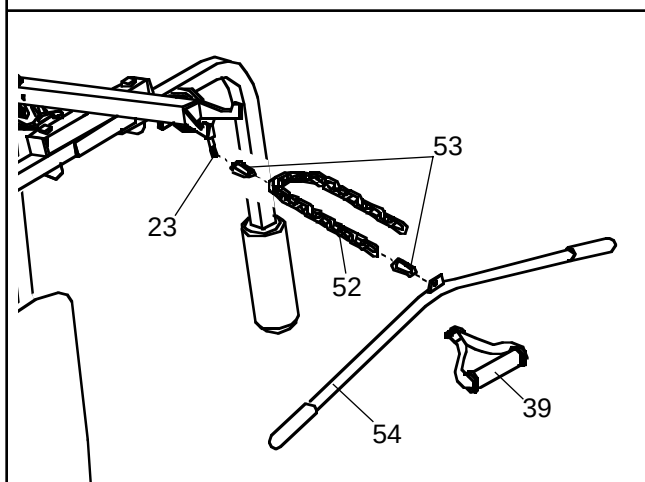
To change the weight setting of the weight stack, insert the Weight Pin (26) under the desired Weight (25). Be sure to insert the Weight Pin until the bent end of the Weight Pin is touching the Weights, and turn the bent end downward. The weight setting of the weight stack can be changed from 6.5 pounds to 106.5 pounds, in increments of 12.5 pounds. **Note: Due to the cables and pulleys, the actual amount of resistance at each exercise station may vary from the weight setting. Use the WEIGHT RESISTANCE CHART on page 20 to find the actual amount of resistance at each weight station.**



ATTACHING THE LAT BAR OR NYLON STRAP TO THE HIGH PULLEY STATION

Attach the Lat Bar (54) to the Long Cable (23) with a Cable Clip (53). For some exercises, the Chain (52) should be attached between the Lat Bar and the Long Cable with two Cable Clips. **Adjust the length of the Chain between the Lat Bar and the Long Cable so the Lat Bar is in the correct starting position for the exercise to be performed.**

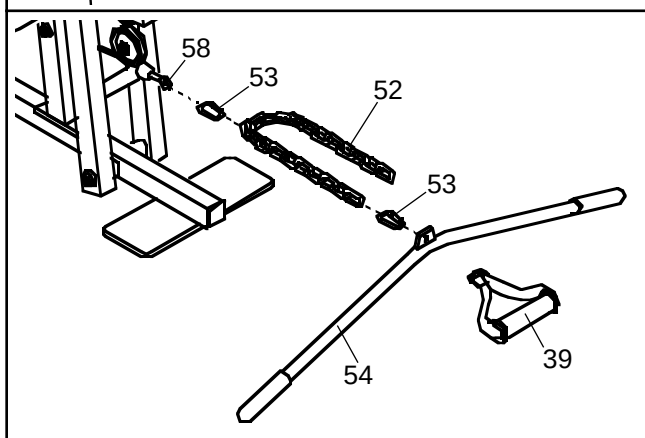
The Nylon Strap (39) can be attached in the same manner.



ATTACHING THE LAT BAR OR NYLON STRAP TO THE LOW PULLEY STATION

Attach the Lat Bar (54) to the Medium Cable (58) with a Cable Clip (53). For some exercises, the Chain (52) should be attached between the Lat Bar and the Pulley Cable with two Cable Clips. **Adjust the length of the Chain between the Lat Bar and the Medium Cable so the Lat Bar is in the correct starting position for the exercise to be performed.**

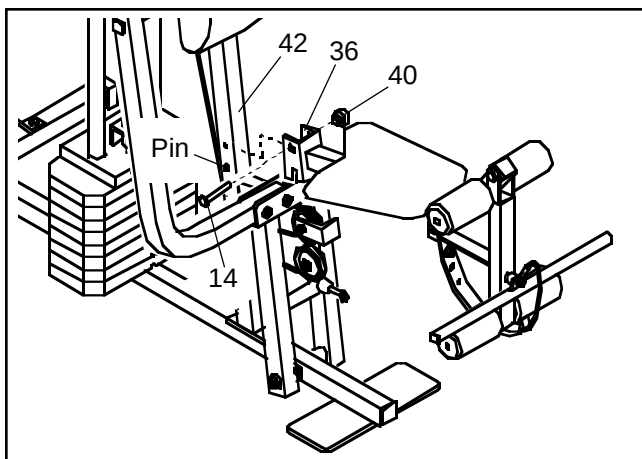
The Nylon Strap (39) can be attached in the same manner.



ATTACHING AND REMOVING THE SEAT

Set the bracket on the Seat Frame (36) on the indicated pins on the Front Upright (42). Attach the Seat Frame to the Front Upright with the 5/16" x 2 3/4" Carriage Bolt (14) and the Seat Knob (40).

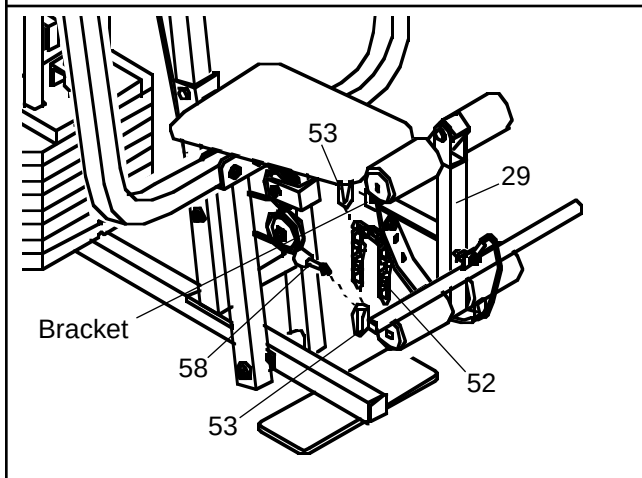
For some exercises, the Seat Frame (36) must be removed. First, be sure that the chain is not attached to the leg lever. Next, remove the Seat Knob (40) and the 5/16" x 2 3/4" Carriage Bolt (14) from the Seat Frame (36). Lift the Seat Frame off the Front Upright (42).



ATTACHING THE LEG LEVER TO THE LOW PULLEY STATION

To use the Leg Lever (29), the seat must be attached to the front upright (see ATTACHING AND REMOVING THE SEAT above).

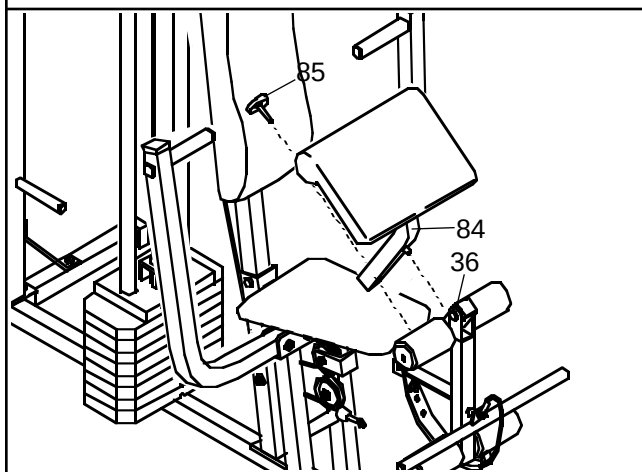
Attach one end of the Chain (52) to the Medium Cable (58) with a Cable Clip (53). Attach the other end of the Chain to the indicated bracket on the Leg Lever (29) with a Cable Clip.



ATTACHING AND REMOVING THE CURL FRAME

For some exercises, the Curl Frame (84) must be attached to the Seat Frame (36). To attach the Curl Frame to the Seat Frame, insert the pin on the Curl Frame into the upper hole in the Seat Frame. Secure the Curl Frame with the Curl Knob (85).

To remove the Curl Frame (84) from the Seat Frame (36), remove the Curl Knob (85). Lift the Curl Frame off the Seat Frame.

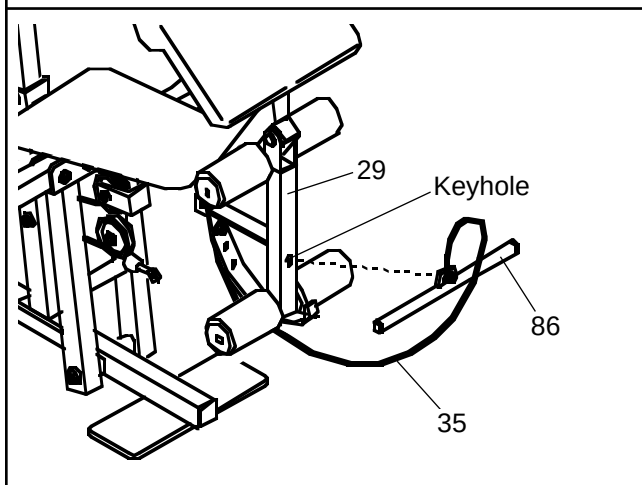


USING THE CURL BAR

For most exercises that use the Curl Bar (86), the curl frame must be attached (see ATTACHING AND REMOVING THE CURL FRAME above).

Remove the Curl Bar (86) from the keyhole in the Leg Lever (29). Hold the Curl Bar as described for the exercise you are about to perform. **Be sure that the Short Cable (35) remains in the groove on the underside of the Leg Lever while you are using the Curl Bar.**

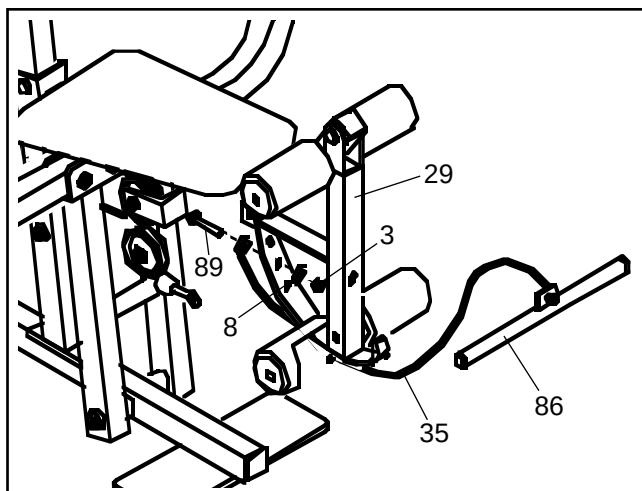
It may be necessary to adjust the Short Cable (35) in order to perform certain exercises. To do so, see ADJUSTING THE SHORT CABLE on page 20.



ADJUSTING THE SHORT CABLE

The position of the Curl Bar (86) can be changed by adjusting the Short Cable (35). To adjust the Short Cable (35), remove the 5/16" x 3/4" Bolt (89), 5/16" Flat Washer (8), and 5/16" Nylon Locknut (3).

Re-attach the Short Cable (35) to one of the other holes in the Leg Lever (29) with the 5/16" x 3/4" Bolt (89), 5/16" Flat Washer (8), and 5/16" Nylon Locknut (3). **Note: The Short Cable should be attached so that the Curl Bar (86) is in the correct starting position for the exercise to be performed.**



WEIGHT RESISTANCE CHART

This chart shows the approximate weight resistance at each exercise station. "Top" refers to the 6.5 lb. top weight. The other numbers refer to the 12.5 lb. weight plates. The butterfly arm resistance listed is the resistance for each butterfly arm.

WEIGHT PLATES	PRESS ARM (lbs.)	BUTTERFLY ARM (lbs.)	LEG LEVER (lbs.)	HIGH PULLEY (lbs.)	LOW PULLEY (lbs.)	CURL BAR (lbs.)
Top	20	10	15	14	24	24
1	45	22	36	28	54	54
2	70	33	54	44	82	82
3	99	42	75	60	115	115
4	128	48	96	72	147	147
5	153	60	115	90	175	175
6	184	69	137	103	209	209
7	204	79	146	126	223	223
8	247	91	176	138	269	269

TROUBLE-SHOOTING AND MAINTENANCE

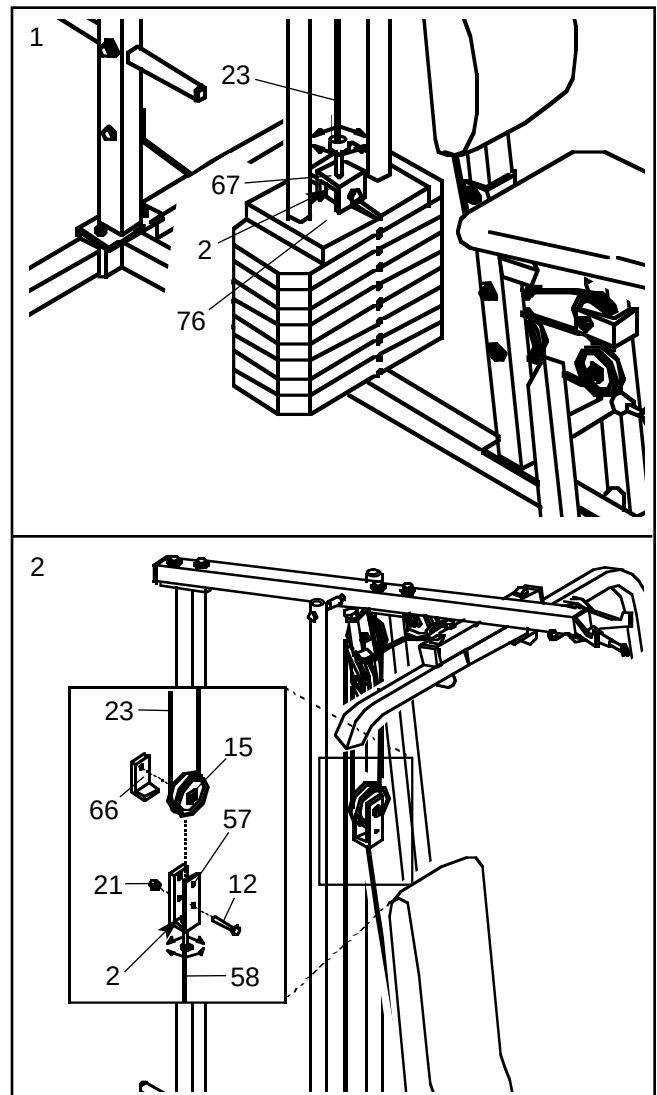
Inspect and tighten all parts each time you use the home gym system. Replace any worn parts immediately. The home gym system can be cleaned using a damp cloth and mild non-abrasive detergent. Do not use solvents.

TIGHTENING THE CABLES

Woven cable, the type of cable used on the home gym system, can stretch slightly when it is first used. If there is slack in the cables before resistance is felt, the cables should be tightened. Slack can be removed from the cables by tightening the 1/4" Nylon Locknuts (2) at the end of the Long Cable (23) (see drawing 1) and at the end of the Short Cable (58) (see drawing 2). To do this you may need to remove the Small "U" -Bracket (67) from the Weight Tube (63) or remove the 3 1/2" Pulley (15) from the Long "U"-Bracket (57). Make sure that the cables are not too tight, or the Top Weight (76) will be lifted off the weight stack.

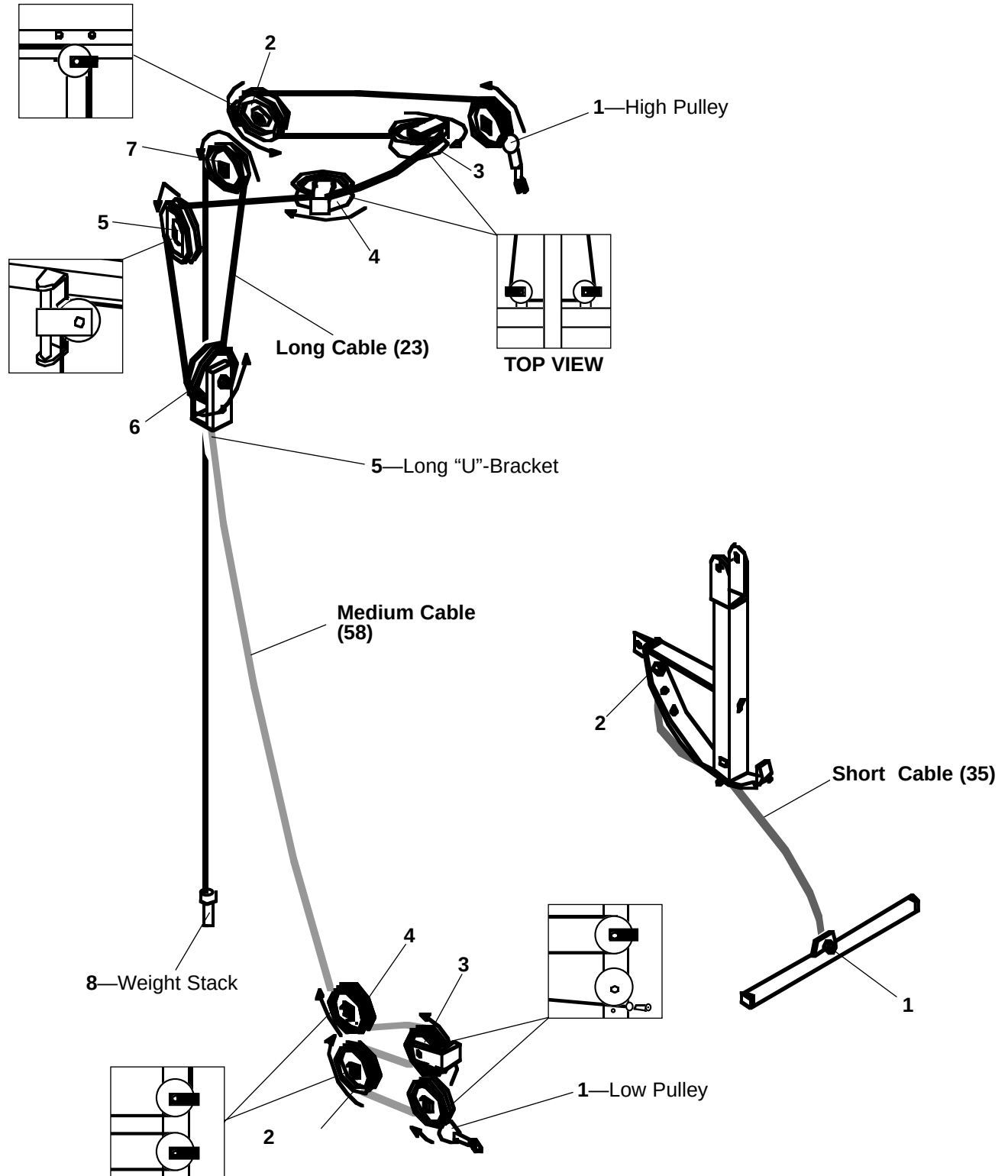
Additional slack can be removed by moving the 3 1/2" Pulley (15) to the other hole in the Long "U"-Bracket (57). Remove the 3/8" Nylon Locknut (21) and the 3/8" x 2" Bolt (12) from the Cable Trap (66), Pulley, and Long "U"-Bracket. Re-attach the Pulley and Cable Trap. **Be sure that the Cable trap is in the proper position and that the Cable and Pulley move smoothly.**

If the cables need to be replaced, see the back cover of this manual.



CABLE DIAGRAM

The diagram below shows the proper routing of the Short Cable (35), the Medium Cable (58), and the Long Cable (23). Use the diagram to be sure that the cables and the cable traps have been assembled correctly. If the cables have not been correctly routed, the home gym system will not function properly and damage may occur. The inset drawings show the proper positioning of the cable traps. The cable traps should be positioned so that the cables will not come off the pulleys. **Be sure that the cable traps do not touch or bind the cables.**



NOTES

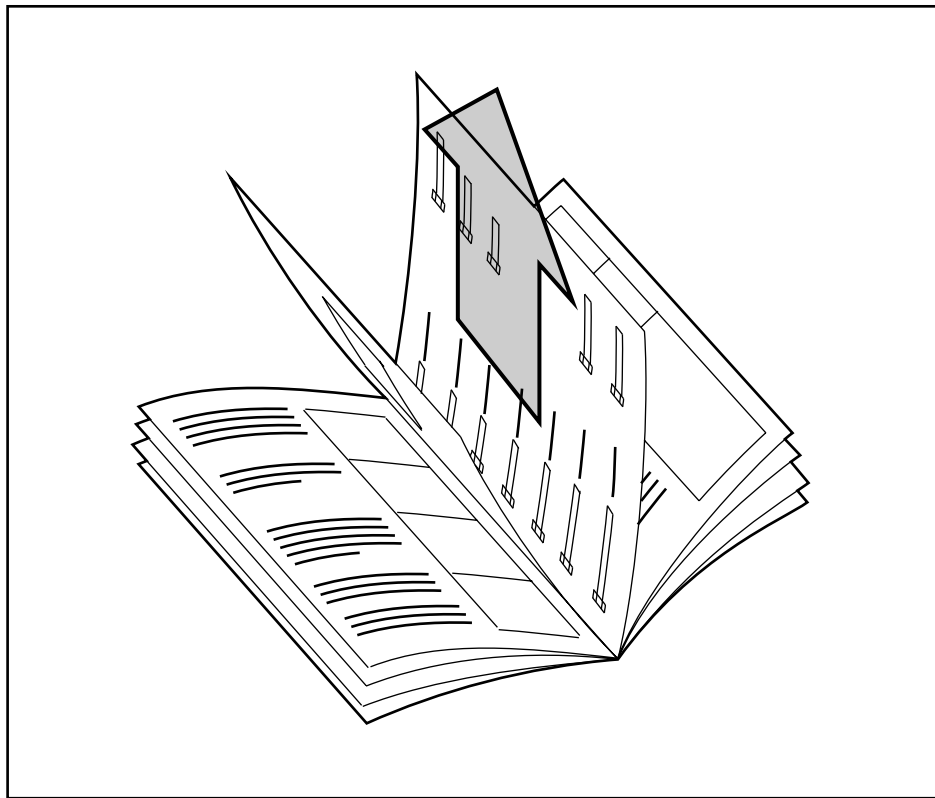
ORDERING REPLACEMENT PARTS

To order replacement parts, simply call our Customer Service Department toll-free at 1-800-225-0653, Monday through Friday, 6 a.m. until 6 p.m. Mountain Time (excluding holidays). To help us assist you, please be prepared to give the following information:

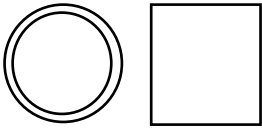
1. The MODEL NUMBER of the product (WESY95100).
2. The NAME of the product (WEIDER® 9510 Home Gym System).
3. The SERIAL NUMBER of the product (see the front cover of this manual).
4. The KEY NUMBER and DESCRIPTION of the part(s) (see the PART LIST/EXPLODED DRAWING attached at the center of the manual).

REMOVE THIS PART IDENTIFICATION CHART FROM THE MANUAL

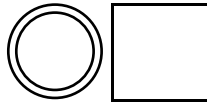
This chart is provided to help you identify the small parts used in assembly. **Important: Some parts may have been pre-assembled for shipping purposes. If you cannot find a part in the parts bags, check to see if it has been pre-assembled.** The number in parenthesis below each part refers to the key number of the part. The second number refers to the quantity needed for assembly.



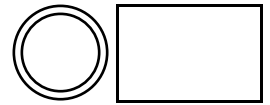
Please Note: The assembly is divided into five stages: 1) frame assembly, 2) press and butterfly arm assembly, 3) cable and pulley assembly, 4) seat and backrest assembly, and 5) VKR assembly. The hardware for each stage is packaged separately. Wait until you begin each assembly stage to open that parts bag.



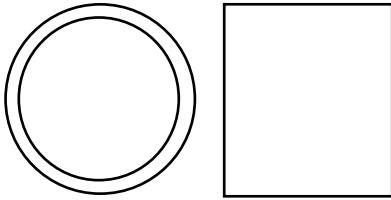
5/8" x 9/16" Spacer (73)–1



1/2" x 1/2" Bushing (87)–1



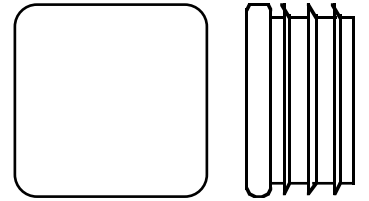
1/2" x 3/4" Spacer (61)–2



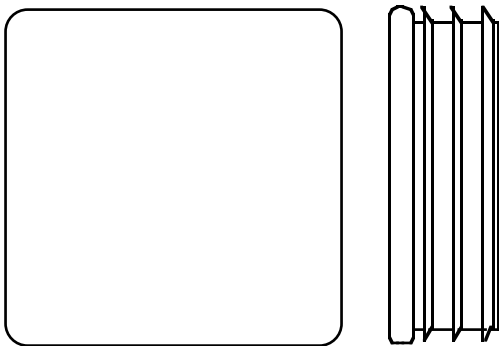
1" x 7/8" Plastic Bushing (75)–2



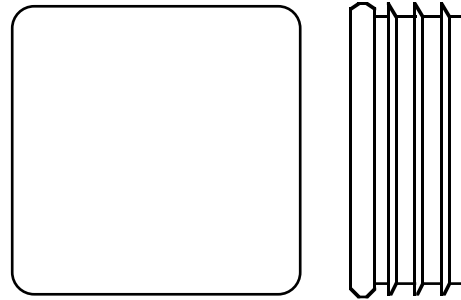
5/8" x 3/8" Bushing (91)–1



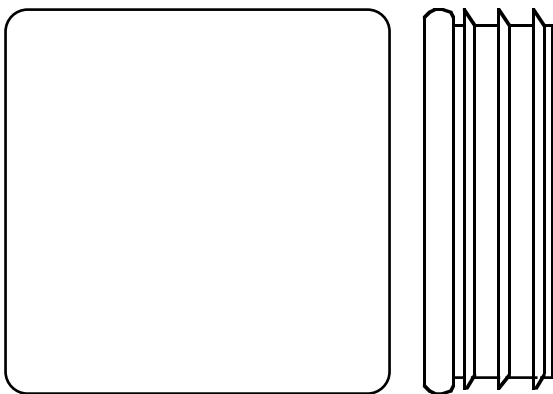
1" Square Inner Cap (65)–1



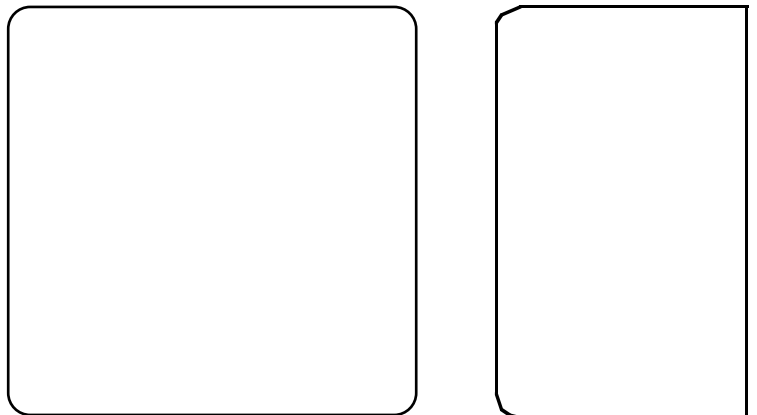
1 3/4" Square Inner Cap (44)–6



1 1/2" Square Inner Cap (32)–5



2" Square Inner Cap (27)–2



2" Square Outer Cap (51)–2



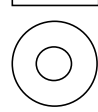
1/4" Nylon Locknut (2)-3



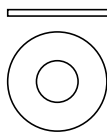
5/16" Nylon Locknut (3)-23



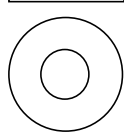
3/8" Nylon Locknut (21)-12



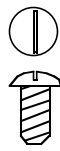
1/4" Flat Washer (10)-12



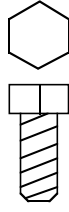
5/16" Flat Washer (8)-8



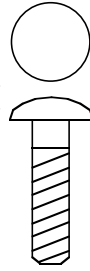
3/8" Flat Washer (9)-4



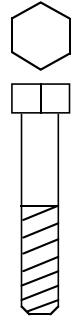
1/4" x 1/2" Screw (18)-6



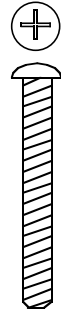
5/16" x 3/4" Bolt (89)-1



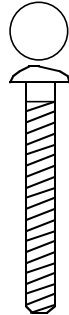
5/16" x 1 1/4" Carriage Bolt (90)-1



5/16" x 1 3/4" Bolt (72)-1



1/4" x 2" Screw (24)-5



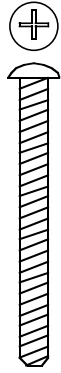
1/4" x 2" Carriage Bolt (38)-1



3/8" x 2" Bolt (12)-3



5/16" x 2 1/4" Bolt (33)-1



1/4" x 2 1/2" Screw (43)-4



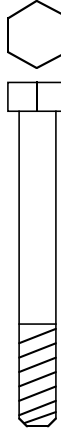
5/16" x 2 1/2" Bolt (22)-4



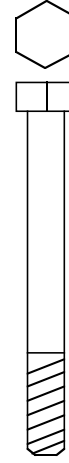
5/16" x 2 1/2" Carriage Bolt (1)-3



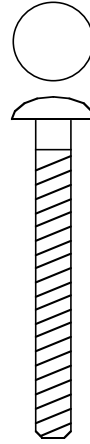
3/8" x 2 1/2" Bolt (7)-3



5/16" x 2 3/4" Bolt (11)-6



5/16" x 3" Bolt (81)-2



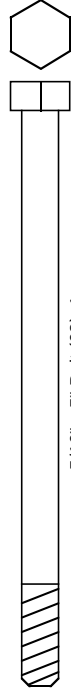
5/16" x 2 3/4" Carriage Bolt (14)-3



3/8" x 3 1/2" Bolt (16)-1



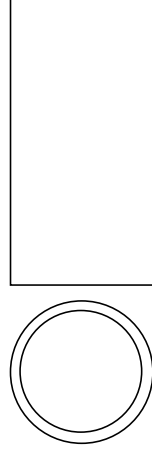
3/8" x 3 3/4" Bolt (71)-4



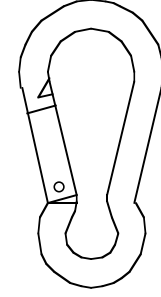
5/16" x 5" Bolt (68)-1



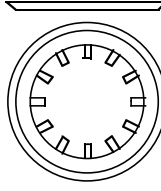
5/16" x 6" Bolt (60)-1



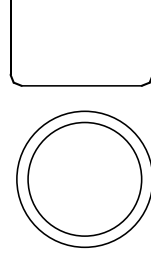
1 1/4" x 2 1/2" Plastic Bushing (74)-2



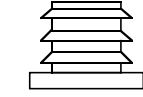
Cable Clip (53)-3



1" Retainer (69)-4



1" Round Inner Cap (34)-4



1" Round Inner Cap (49)-10

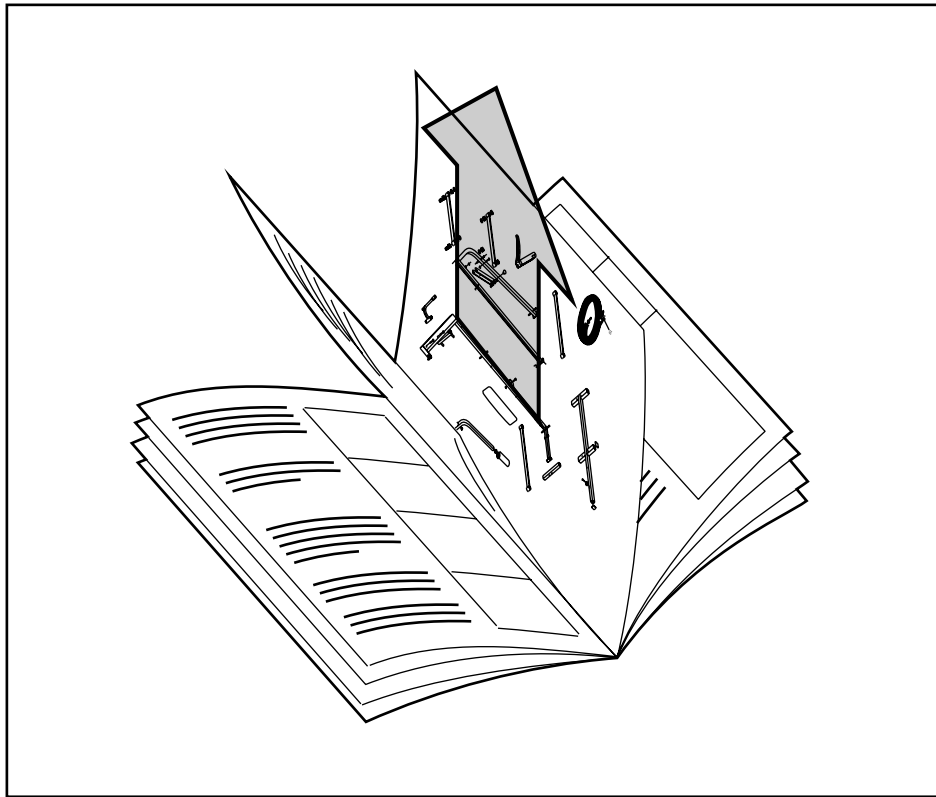


1" Round Cover Cap (70)-2



3/8" x 8" Bolt (59)-1

**REMOVE THIS PART LIST/EXPLODED
DRAWING FROM THE MANUAL**



PART LIST—Model No. WESY95100

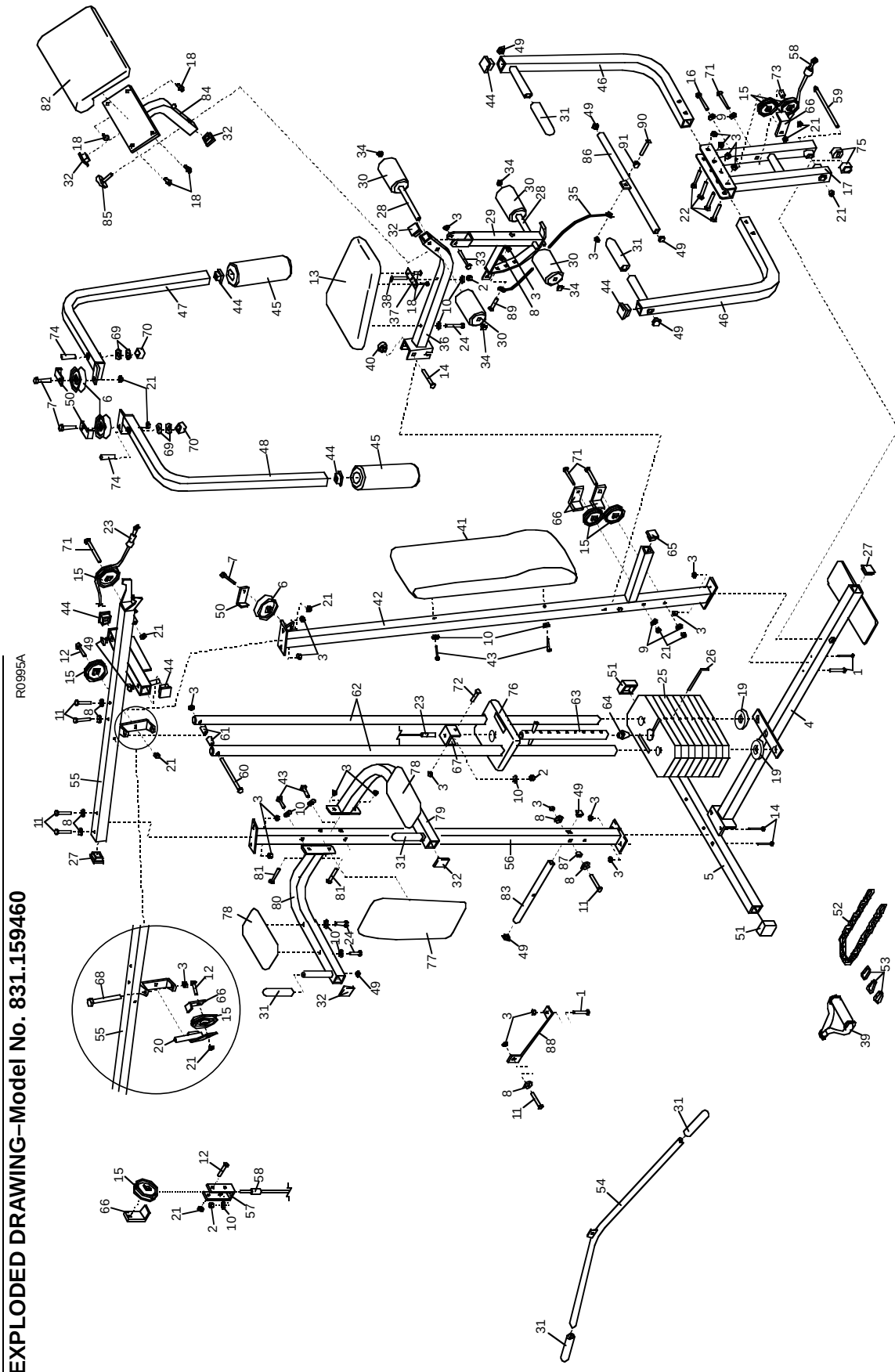
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Key No.	Qty.	Description	Key No.	Qty.	Description
1	3	5/16" x 2 1/2" Carriage Bolt	48	1	Right Arm
2	3	1/4" Nylon Locknut	49	10	1" Round Inner Cap
3	23	5/16" Nylon Locknut	50	3	Long Cable Trap
4	1	Base	51	2	2" Square Outer Cap
5	1	Stabilizer	52	1	Chain
6	3	"V"-Pulley	53	3	Cable Clip
7	3	3/8" x 2 1/2" Bolt	54	1	Lat Bar
8	8	5/16" Flat Washer	55	1	Top Frame
9	4	3/8" Flat Washer	56	1	Rear Upright
10	12	1/4" Flat Washer	57	1	Long "U"-Bracket
11	6	5/16" x 2 3/4" Bolt	58	1	Medium Cable
12	3	3/8" x 2" Bolt	59	1	3/8" x 8" Bolt
13	1	Seat	60	1	5/16" x 6" Bolt
14	3	5/16" x 2 3/4" Carriage Bolt	61	2	1/2" x 3/4" Spacer
15	8	3 1/2" Pulley	62	2	Weight Guide
16	1	3/8" x 3 1/2" Bolt	63	1	Weight Tube
17	1	Press Frame	64	1	Weight Tube Bumper
18	6	1/4" x 1/2" Screw	65	1	1" Square Inner Cap
19	2	Weight Bumper	66	5	Cable Trap
20	1	Pulley Bracket	67	1	Small "U"-Bracket
21	12	3/8" Nylon Locknut	68	1	5/16" x 5" Bolt
22	4	5/16" x 2 1/2" Bolt	69	4	1" Retainer
23	1	Long Cable	70	2	1" Round Cover Cap
24	5	1/4" x 2" Screw	71	4	3/8" x 3 3/4" Bolt
25	8	Weight	72	1	5/16" x 1 3/4" Bolt
26	1	Weight Pin	73	1	5/8" x 9/16" Spacer
27	2	2" Square Inner Cap	74	2	1 1/4" x 2 1/2" Plastic Bushing
28	2	12 1/2" Pad Tube	75	2	1" x 7/8" Plastic Bushing
29	1	Leg Lever	76	1	Top Weight
30	4	5 1/2" Pad	77	1	VKR Backrest
31	6	Hand Grip	78	2	VKR Arm Rest
32	5	1 1/2" Square Inner Cap	79	1	Left VKR Arm
33	1	5/16" x 2 1/4" Bolt	80	1	Right VKR Arm
34	4	3/4" Round Inner Cap	81	2	5/16" x 3" Bolt
35	1	Short Cable	82	1	Curl Pad
36	1	Seat Frame	83	1	Foot Rest
37	1	Seat Plate	84	1	Curl Frame
38	1	1/4" x 2" Carriage Bolt	85	1	Curl Knob
39	1	Nylon Strap	86	1	Curl Bar
40	1	Seat Knob	87	1	1/2" x 1/2" Bushing
41	1	Backrest	88	1	Brace
42	1	Front Upright	89	1	5/16" x 3/4" Bolt
43	4	1/4" x 2 1/2" Screw	90	1	5/16" x 1 1/4" Carriage Bolt
44	6	1 3/4" Square Inner Cap	91	1	5/8" x 3/8" Bushing
45	2	10" Pad	#	1	User's Manual
46	2	Press Arm	#	1	Exercise Poster
47	1	Left Arm			

Note: "#" indicates a non-illustrated part. Specifications are subject to change without notice.

EXPLODED DRAWING—Model No. WESY95100

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EXPLODED DRAWING—Model No. 831.159460

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