

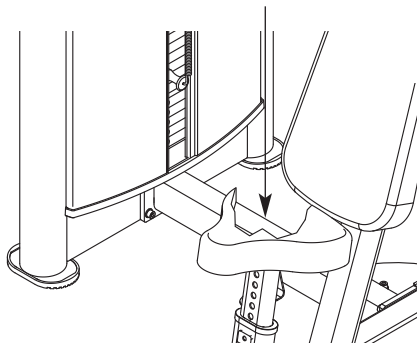
FREEMOTION® EPIC™ SHOULDER

Model No. F807.0

Serial No. _____

Write the serial number in the space above for reference.

Serial Number Decal



QUESTIONS?

If you have questions, or if parts are damaged or missing, please see **HOW TO CONTACT CUSTOMER CARE** on the back cover of this manual.

CAUTION

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

OWNER'S MANUAL

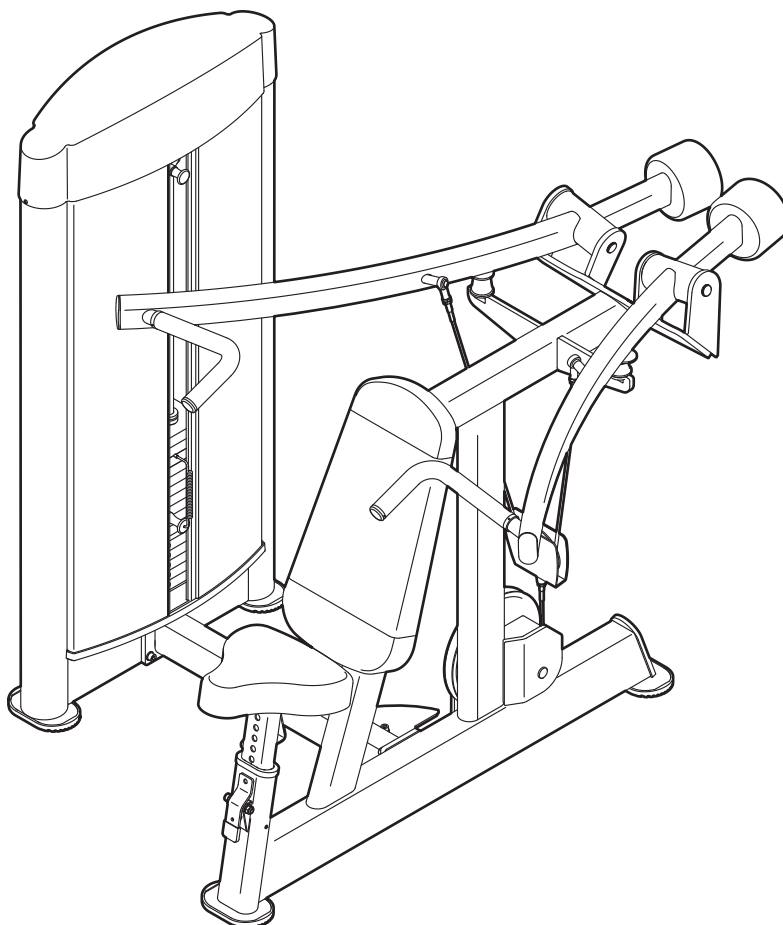


TABLE OF CONTENTS

IMPORTANT PRECAUTIONS	3
WARNING DECAL PLACEMENT	4
BEFORE YOU BEGIN	5
PART IDENTIFICATION CHART	6
ASSEMBLY	7
ADJUSTMENT	19
MAINTENANCE AND TROUBLESHOOTING	20
CABLE DIAGRAM	22
PART LIST	25
EXPLODED DRAWING	26
HOW TO CONTACT CUSTOMER CARE	Back Cover

IMPORTANT PRECAUTIONS

⚠️ WARNING: To reduce the risk of serious injury, read all important precautions and instructions in this manual and all warnings on your strength equipment before using your strength equipment. FreeMotion Fitness assumes no responsibility for personal injury or property damage sustained by or through the use of this product.

1. Before beginning any exercise program, consult your physician. This is especially important for persons over age 35 or persons with pre-existing health problems.
2. Use the strength equipment only as described in this manual.
3. It is the responsibility of the owner to ensure that there is enough space around the strength equipment for the intended exercise.
4. Use the strength equipment only on a level surface. Cover the floor beneath the strength equipment to protect the floor.
5. Anchor the strength equipment to the floor with the anchor strap where required or where possible to provide maximum stability.
6. It is the responsibility of the owner to ensure that all users of the strength equipment are adequately informed of all precautions, have read and understood all warning and caution labels, and are informed of how to use the strength equipment properly.
7. All users of the strength equipment should be instructed to report any injury or strength equipment irregularity to facility staff immediately.
8. Keep children under age 12 and pets away from the strength equipment at all times.
9. The strength equipment is designed to support a maximum user weight of 350 lbs. (159 kg).
10. Always wear athletic shoes for foot protection while exercising.
11. Keep hands and feet away from moving parts. Do not lean on or rest your hands on the strength equipment while it is in use.
12. Make sure that the weight pin is completely inserted into one of the weight plates.
13. Make sure that the handles are attached securely before each use of the strength equipment.
14. Check each cable, cable connection, and pulley before each use of the strength equipment. Make sure that all parts are properly tightened. Replace any worn parts immediately.
15. Make sure that each cable remains on the pulleys at all times. If a cable binds while you are exercising, stop immediately and make sure that the cable is on the pulleys and that nothing is interfering with the cable or the pulleys.
16. Over exercising may result in serious injury or death. If you feel faint or if you experience pain while exercising, stop immediately and cool down.

WARNING DECAL PLACEMENT

This drawing shows the location(s) of the warning decal(s). **If a decal is missing or illegible, see the back cover of this manual and request a free replacement decal. Apply the decal in the location shown.** Note: The decal(s) may not be shown at actual size.

WARNING

- Read and follow all warnings and instructions and obtain proper instruction prior to use.
- Obtain a medical exam before beginning an exercise program.
- Inspect the machine before use. Do not use if machine appears damaged.
- Keep body and clothing free and clear of all moving parts.
- Be certain that the weight pin is completely inserted.
- NEVER pin the weight stack in an elevated position.
- NEVER use the machine if found in this condition.
- INSPECT all cables, straps and their connections. Do not use if any component is found to be worn or damaged.
- Do not use dumbbells or other means to incrementally increase the weight resistance, other than those provided by the manufacturer.
- Do not allow children on machines. Machine use by teenagers must be supervised by a knowledgeable adult.
- This equipment to be used only under qualified supervision.
- Do not remove this label. REPLACE IF DAMAGED.
- Max user weight: 350 lbs.

CAUTION


**WEIGHT SELECTOR PIN
MUST BE FULLY INSERTED
INTO THE WEIGHT PLATE.**

**KEEP AWAY FROM
MOVING PARTS.
FAILURE TO DO SO
COULD RESULT IN
PERSONAL INJURY.**



WARNING

**BACK PANEL MUST BE IN PLACE
BEFORE MACHINE USE.**

**INSPECT ALL CABLES, STRAPS,
MOVING PARTS, AND FASTENERS
WEEKLY. REFER TO MAINTENANCE
MANUAL.**

**KEEP HANDS FREE OF MOVING
PARTS. FAILURE TO DO SO COULD
RESULT IN PERSONAL INJURY.**

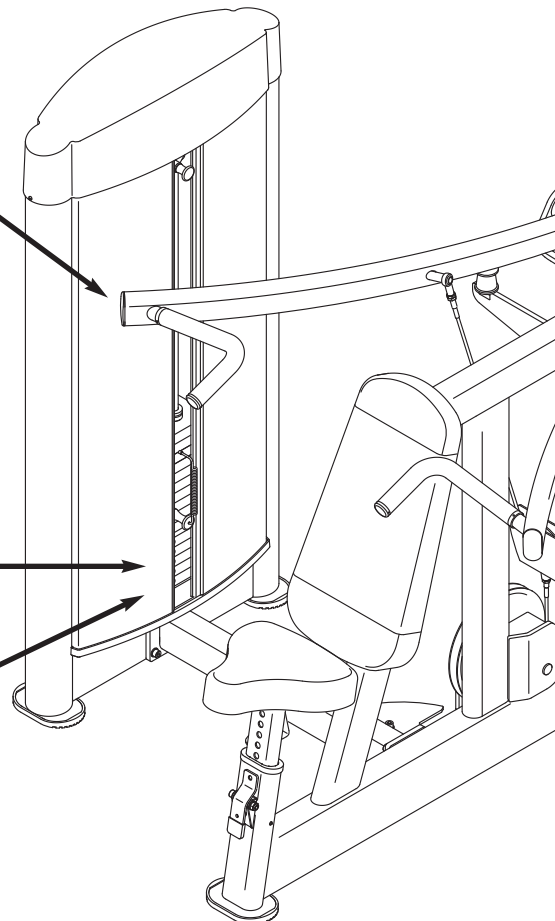
7004-1199



CAUTION



**Weight selector pin must
be fully inserted into the
weight plate.**



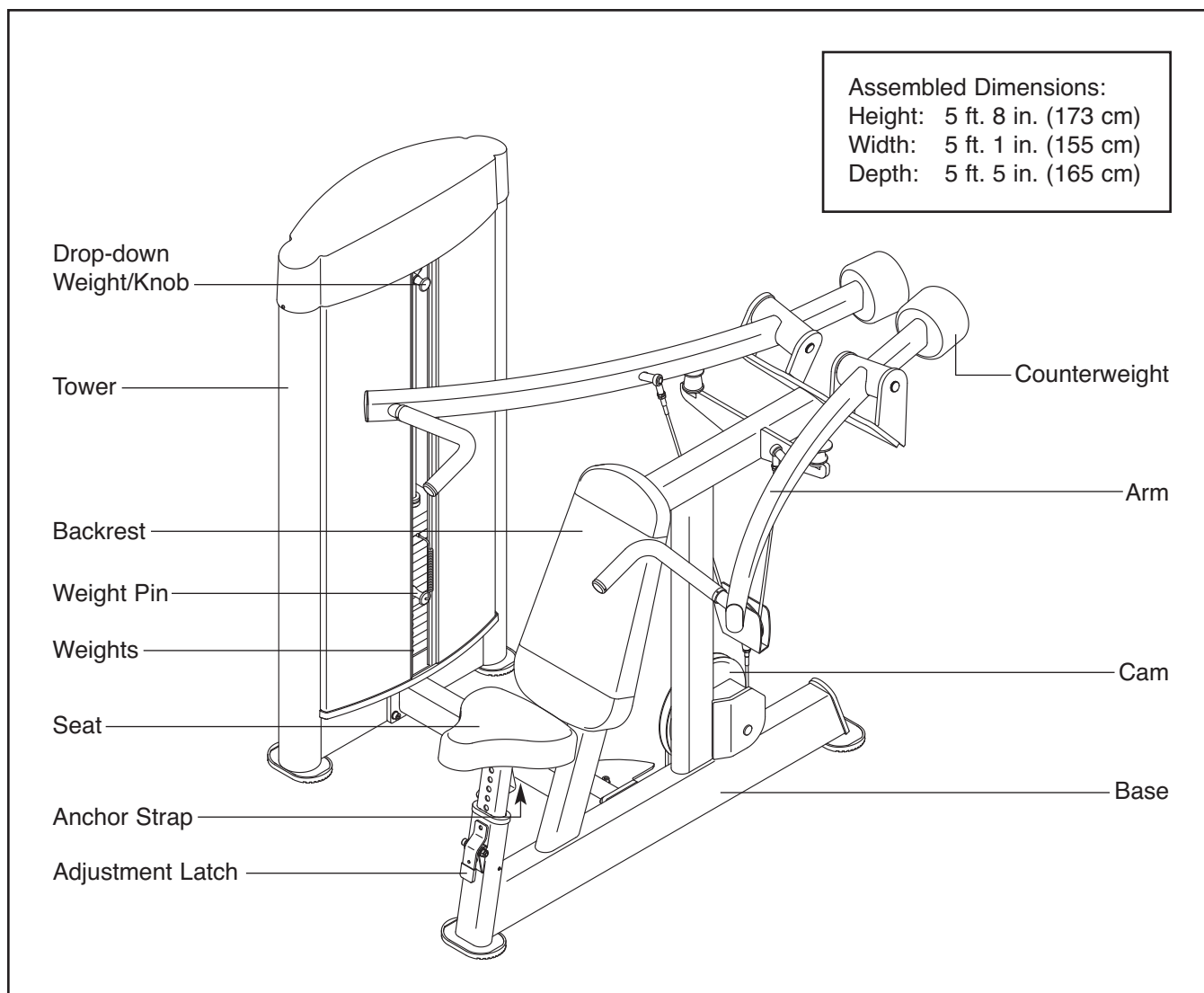
BEFORE YOU BEGIN

Thank you for selecting the FREEMOTION® EPIC™ SHOULDER strength equipment. With unrestricted motion, you can work your body's muscle groups the way you do naturally, to train more effectively and efficiently.

For your benefit, read this manual carefully before using the strength equipment. If you have questions after reading this manual, please see the back cover

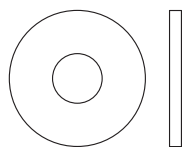
of this manual. To help us assist you, note the product model number and serial number before contacting us. The model number and the location of the serial number decal are shown on the front cover of this manual.

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

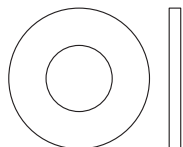


PART IDENTIFICATION CHART

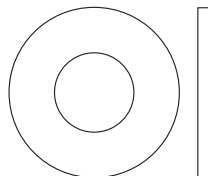
Refer to the drawings below to identify small parts used for assembly. The number in parentheses by each drawing is the key number of the part, from the PART LIST near the end of this manual. The number following the parentheses is the quantity needed for assembly. **Note: If a part is not in the hardware kit, check to see if it has been preattached. To avoid damaging parts, do not use power tools.**



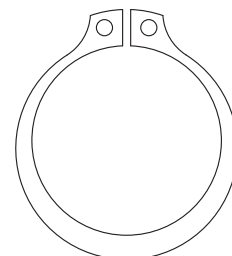
M6 x 18mm
Washer (34)–4



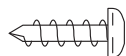
M8 x 16mm
Washer (80)–7



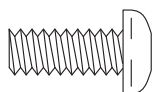
M10 Washer
(31)–10



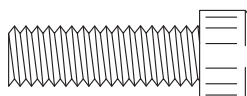
25mm Snap
Ring (39)–2



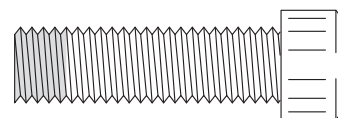
M4 x 13mm
Self-tapping
Screw (27)–2



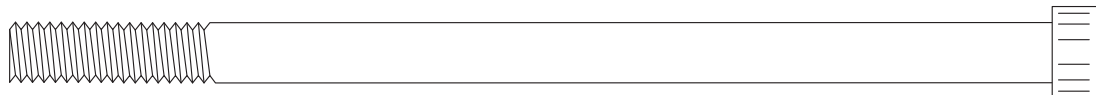
M6 x 15mm Button
Screw (35)–4



M8 x 25mm
Socket Screw
(75)–6



M10 x 35mm Socket
Patch Screw (76)–10

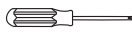


M8 x 145mm
Socket Screw
(81)–1

ASSEMBLY

- Assembly requires two persons.
- Because of its weight and size, assemble the strength equipment in the location where it will be used. Make sure that there is enough clearance around the strength equipment.
- Place all parts in a cleared area and remove the packing materials. Do not dispose of the packing materials until assembly is completed.
- For help identifying small parts, see page 6.

- The following tools (not included) are required for assembly:

one adjustable wrench	
one Phillips screwdriver	
a set of metric hex keys	
snap ring pliers	

Assembly may be more convenient if you have a socket set, a set of open-end or closed-end wrenches, or a set of ratchet wrenches.

1. **Before beginning assembly, make sure that you understand the information in the box above.**

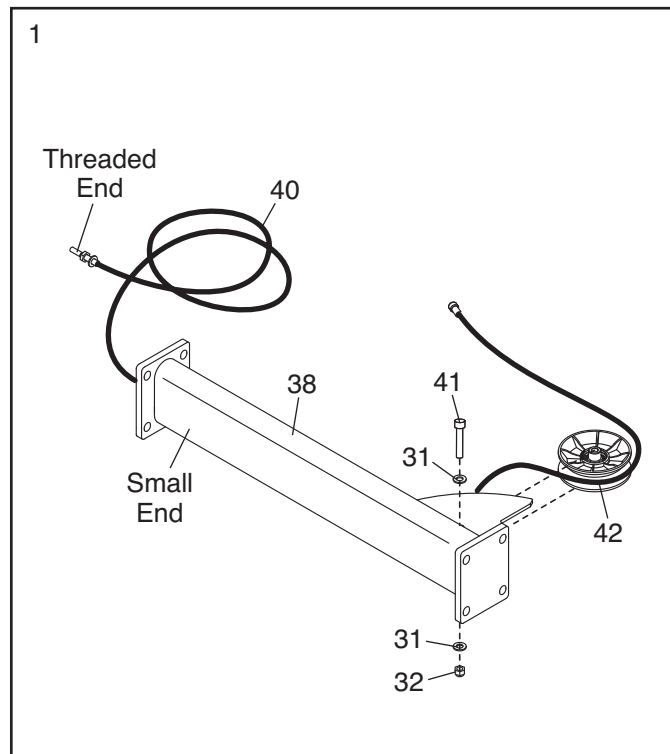
Remove all parts (31, 32, 41, and 42) from the Connecting Frame (38).

See the CABLE DIAGRAM on page 22 and identify the Long Cable (40).

Insert the Long Cable (40) through the Connecting Frame (38); **make sure that the threaded end of the Cable is extending from the small end of the Connecting Frame.**

Route the Long Cable (40) around the V-pulley (42).

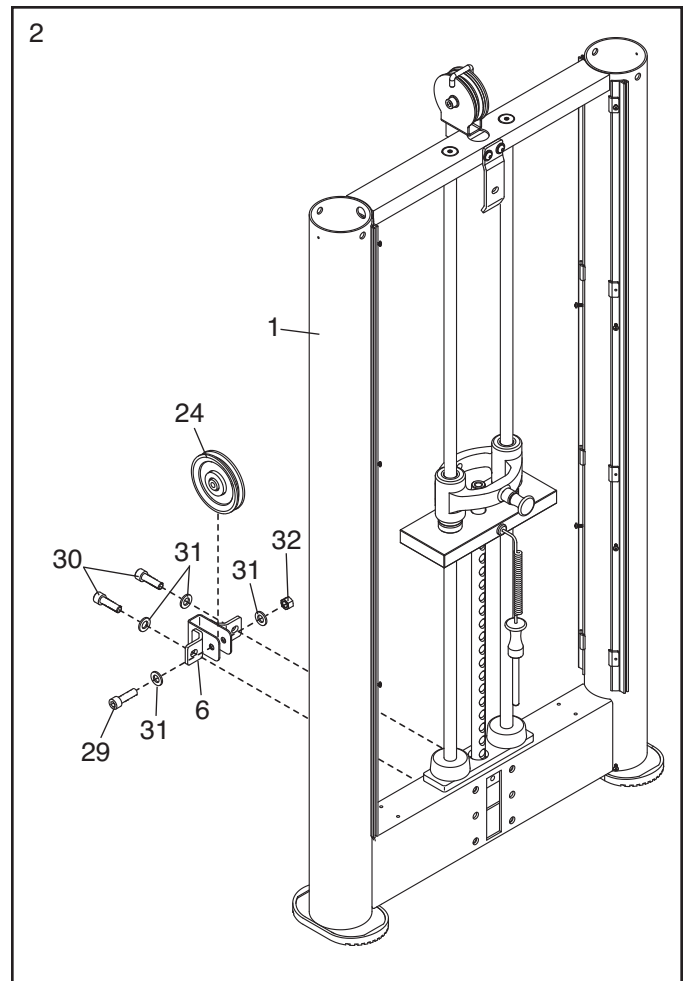
Attach the V-pulley (42) to the Connecting Frame (38) with the M10 x 75mm Socket Bolt (41), the two M10 Washers (31), and the M10 Locknut (32) that you just removed.



2. Orient the Tower Frame (1) as shown. **Have a second person hold the Tower Frame to prevent it from falling until you complete step 10.**

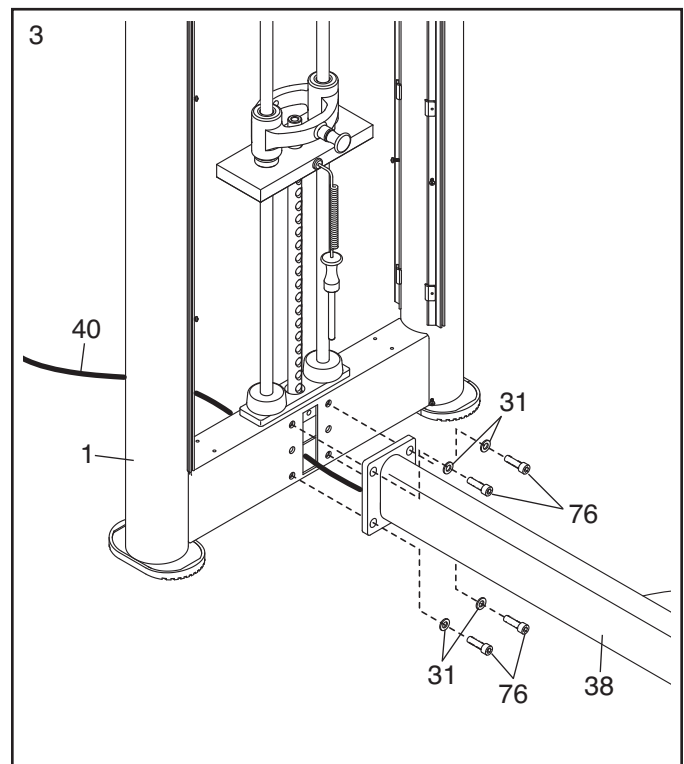
Remove the two M10 x 30mm Socket Patch Screws (30), the two M10 Washers (31), and the Small Pulley Bracket (6) from the back of the Tower Frame (1).

Next, remove the M10 Locknut (32), the M10 x 50mm Socket Bolt (29), the two M10 Washers (31), and the Large Pulley (24) from the Small Pulley Bracket (6).



3. Insert the Long Cable (40) through the Tower Frame (1) as shown.

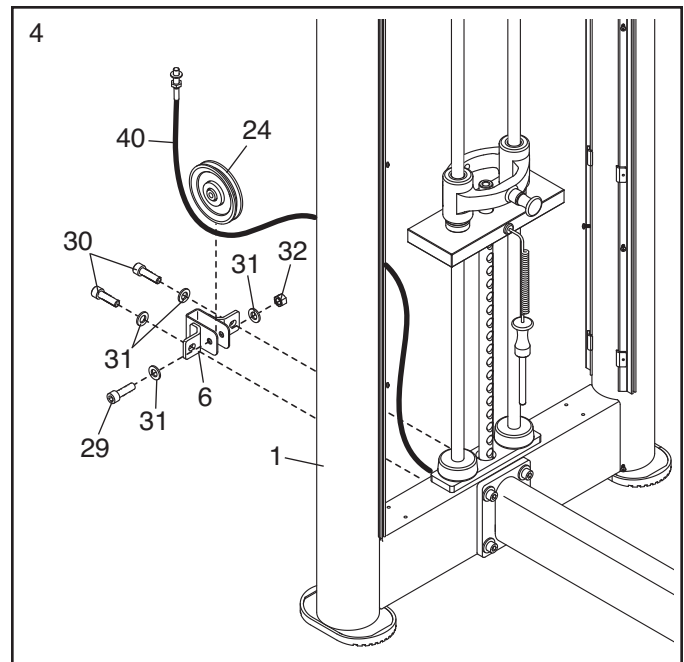
Attach the Connecting Frame (38) to the Tower Frame (1) with four M10 x 35mm Socket Patch Screws (76) and four M10 Washers (31). **Do not tighten the Socket Patch Screws yet.**



4. Route the Long Cable (40) upward through the Small Pulley Bracket (6).

Attach the Large Pulley (24) inside the Small Pulley Bracket (6) with the M10 x 50mm Socket Bolt (29), the two M10 Washers (31), and the M10 Locknut (32) that you removed in step 2.

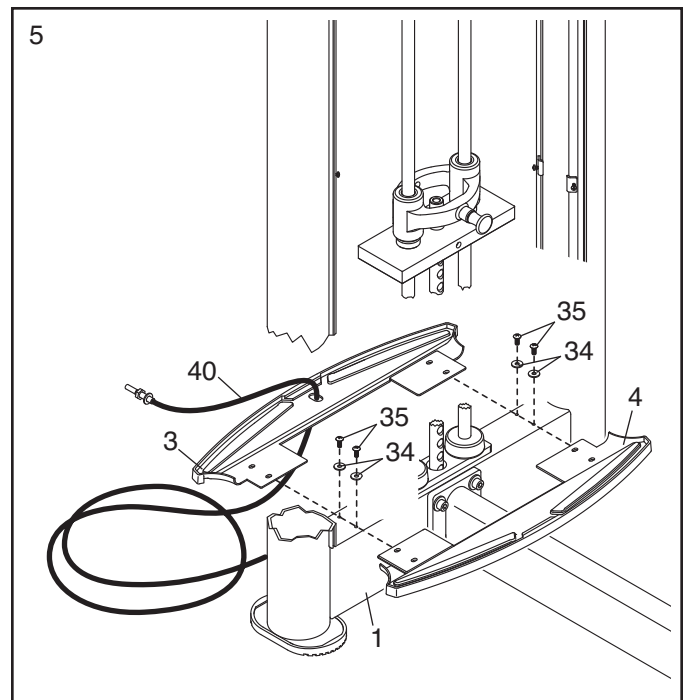
Then, attach the Small Pulley Bracket (6) to the Tower Frame (1) with the two M10 x 30mm Socket Patch Screws (30) and the two M10 Washers (31) that you removed in step 2.



5. Identify the Rear Shroud Base (3), which has a hole in the center, and the Front Shroud Base (4). Orient the Shroud Bases as shown.

Insert the end of the Long Cable (40) upward through the Rear Shroud Base (3).

Attach the Shroud Bases (3, 4) to the Tower Frame (1) with four M6 x 15mm Button Screws (35) and four M6 x 18mm Washers (34).

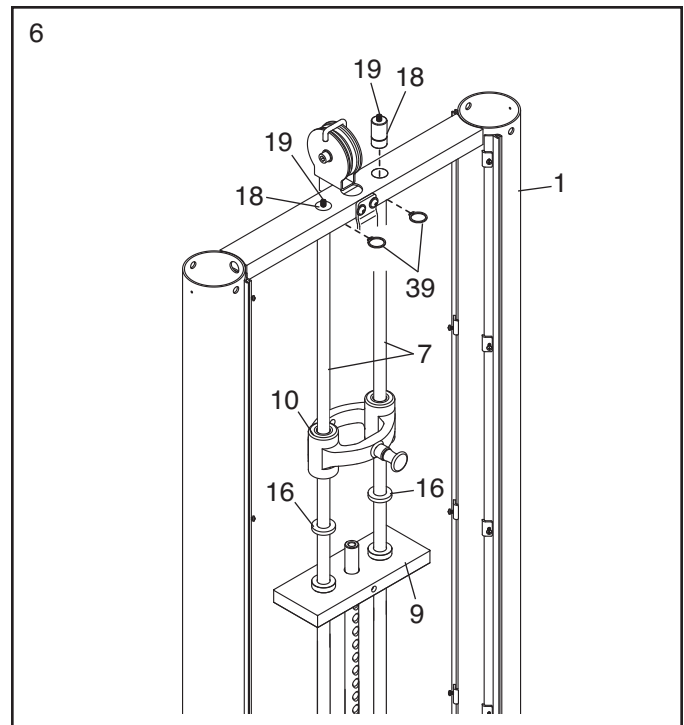


6. Loosen the two M8 x 35mm Set Screws (19) a few complete turns; it is not necessary to remove the Set Screws.

Look under the top of the Tower Frame (1) and remove the two 25mm Snap Rings (39) from the two Weight Guide Bushings (18).

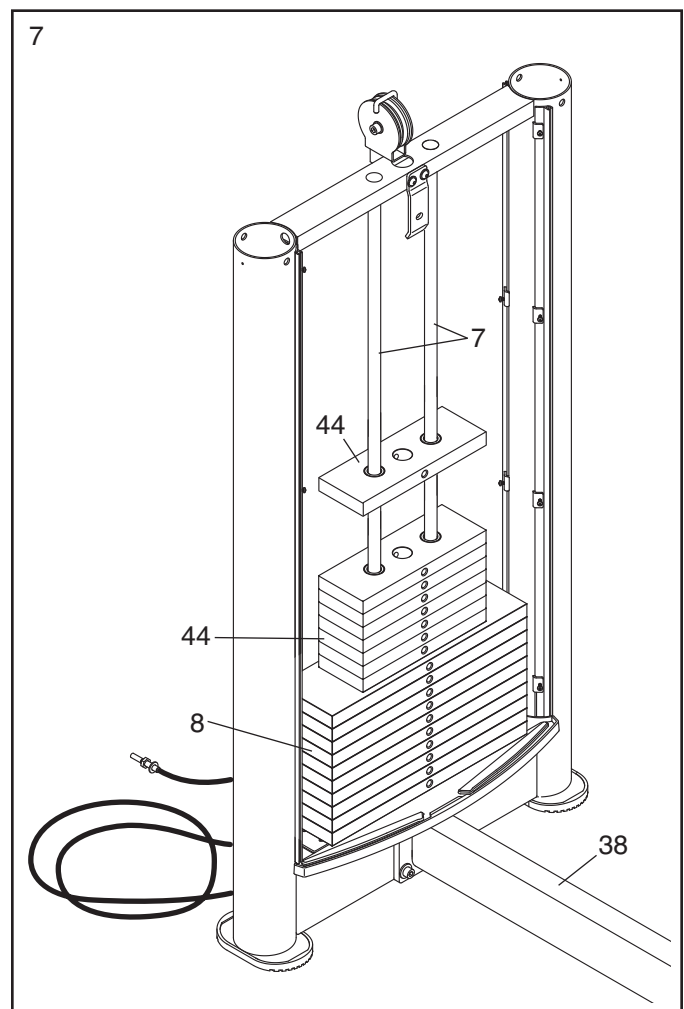
Lift the Weight Guide Bushings (18) until the upper ends of the Weight Guides (7) are free.

Next, tip the upper ends of the Weight Guides (7) forward or backward, and slide the two 25mm Snap Rings (39), the Drop-down Weight (10), the two Upper Weight Bumpers (16), and the Top Weight (9) upward off the Weight Guides.



7. Look at the decals on the five 20-pound Weights (8) and the nine 10-pound Weights (44). Find the decal that has the **largest** number. Orient that Weight so that the decal is facing the Connecting Frame (38), and slide the Weight onto the Weight Guides (7).

Repeat this step until all fourteen Weights (8, 44) are on the Weight Guides (7).



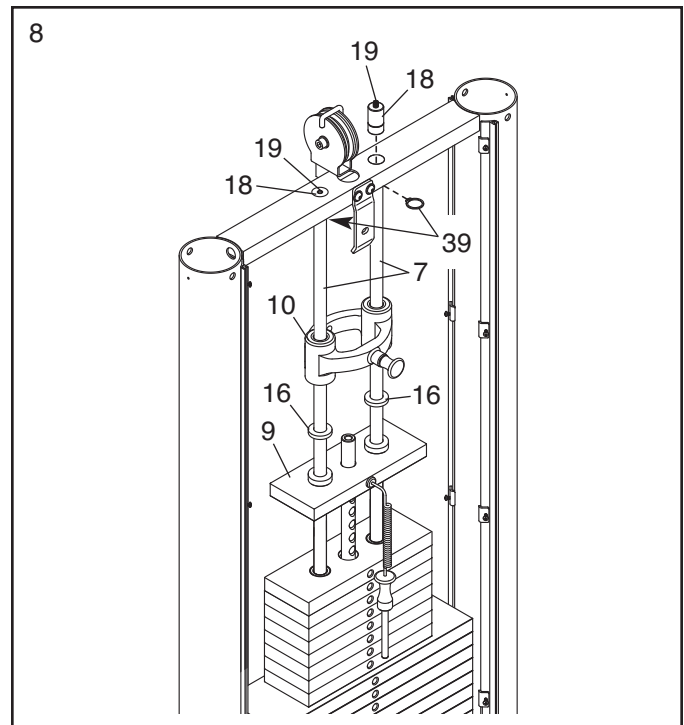
8. Orient the Top Weight (9) and the Drop-down Weight (10) as shown.

Slide the Top Weight (9), the two Upper Weight Bumpers (16), the Drop-down Weight (10), and the two 25mm Snap Rings (39) onto the Weight Guides (7).

Next, slide the two Weight Guide Bushings (18) onto the upper ends of the Weight Guides (7).

Attach the two 25mm Snap Rings (39) to the Weight Guide Bushings (18).

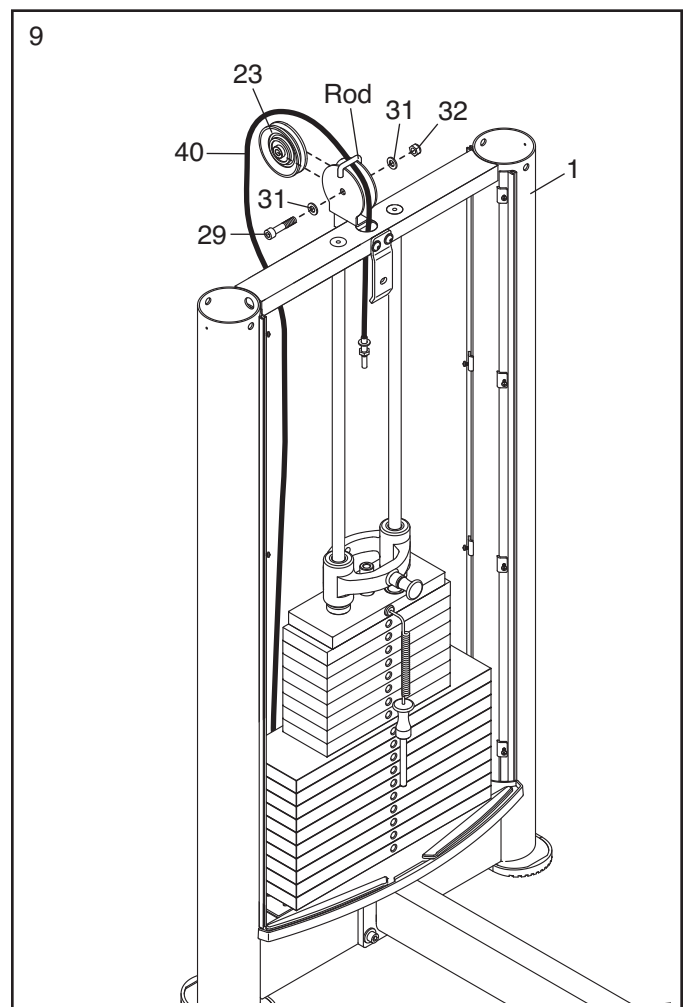
Then, tighten the two M8 x 35mm Set Screws (19) into the Weight Guide Bushings (18).



9. Remove all parts (23, 29, 31, and 32) from the pulley bracket on the Tower Frame (1).

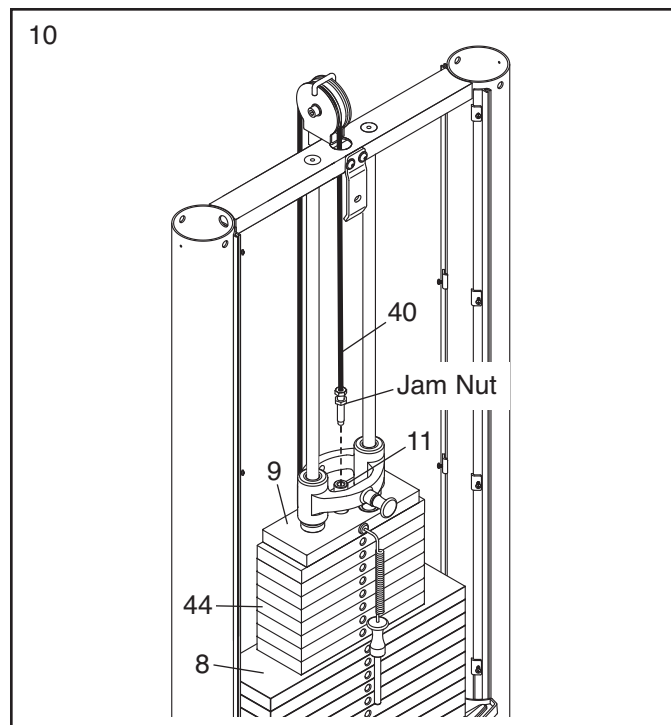
Route the Long Cable (40) through the pulley bracket and downward through the hole in the center of the Tower Frame (1).

Attach the Small Pulley (23) inside the pulley bracket with the M10 x 50mm Socket Bolt (29), the two M10 Washers (31), and the M10 Locknut (32) that you just removed. **Make sure that the Long Cable (40) is between the Small Pulley and the rod on the pulley bracket.**



10. Tighten the end of the Long Cable (40) into the Weight Selector (11) until the Top Weight (9) is lifted off the Weights (8, 44). Then, loosen the end of the Long Cable until the Top Weight just rests on the Weights.

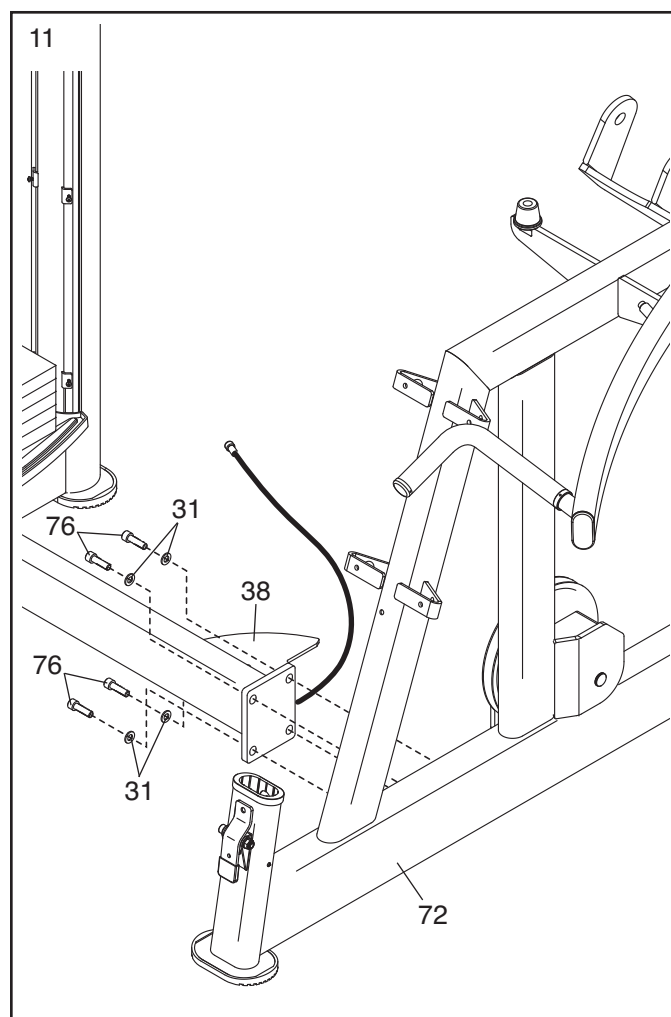
Then, tighten the jam nut on the end of the Long Cable (40) against the Weight Selector (11).



11. **Have a second person hold the Base (72) to prevent it from falling while you complete this step.**

Attach the Connecting Frame (38) to the Base (72) with four M10 x 35mm Socket Patch Screws (76) and four M10 Washers (31).

See step 3. Tighten the four M10 x 35mm Socket Patch Screws (76).

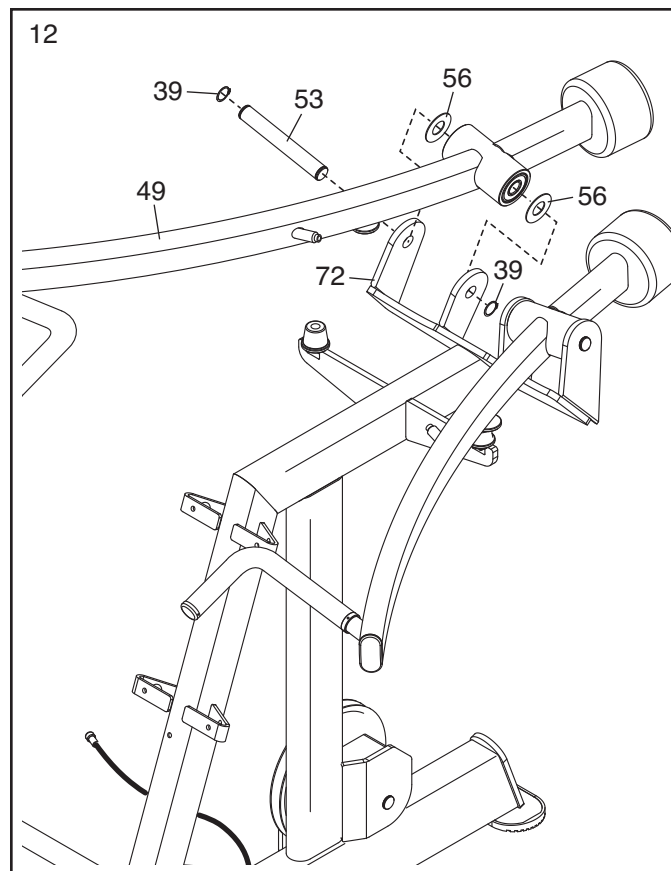


12. Orient the Right Arm (49) as shown.

Insert the Right Arm (49) and two Plastic Washers (56) inside the right top bracket on the Base (72).

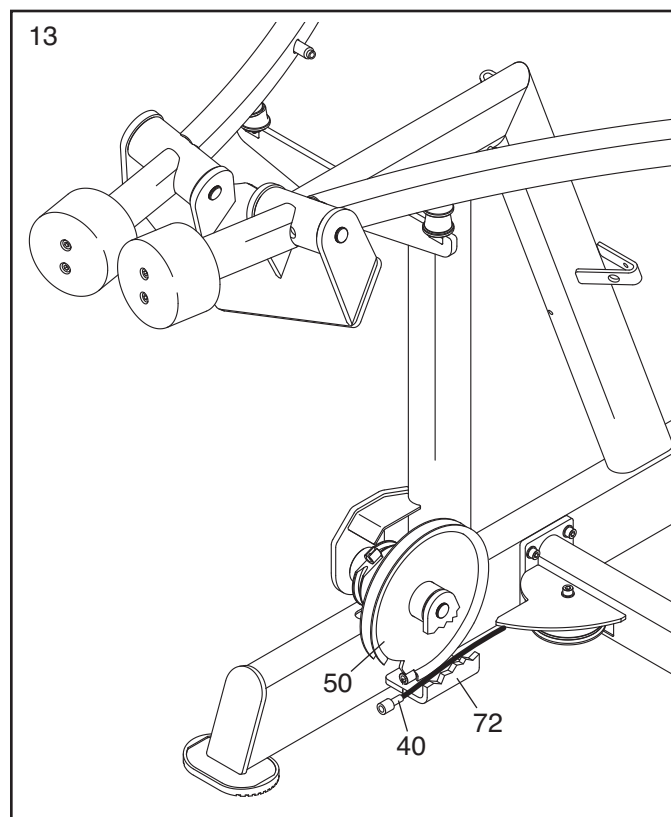
Then, slide the Arm Axle (53) through the Plastic Washers (56) and the Right Arm (49).

Attach a 25mm Snap Ring (39) to each end of the Arm Axle (53).



13. Insert the end of the Long Cable (40) between the Cam (50) and the Base (72).

Then, press the end of the Long Cable (40) as far as possible into the socket on the Cam (50).

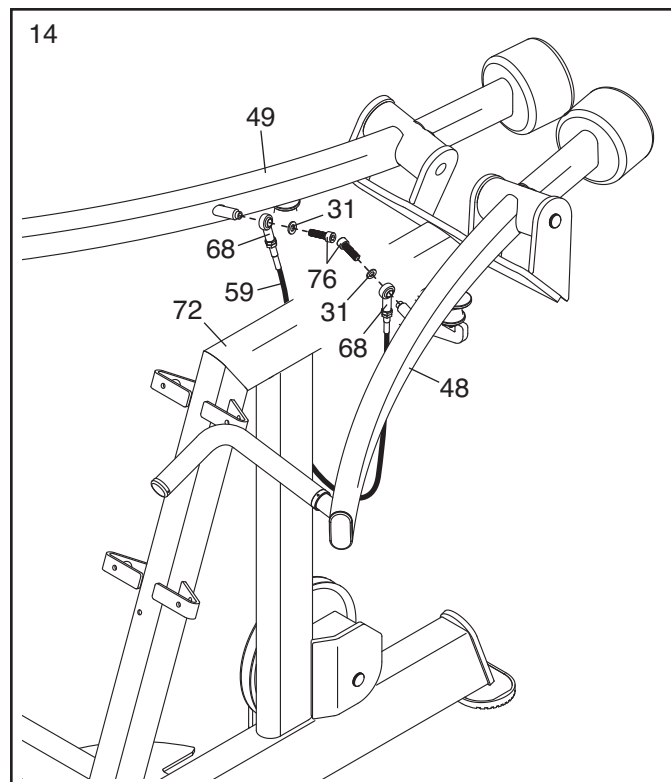


14. See the CABLE DIAGRAM on page 22 and identify the Medium Cable (59).

Attach a Ball Joint (68) on the end of the Medium Cable (59) to the Right Arm (49) with an M10 x 35mm Socket Patch Screw (76) and an M10 Washer (31).

Route the Medium Cable (59) under the center bar of the Base (72).

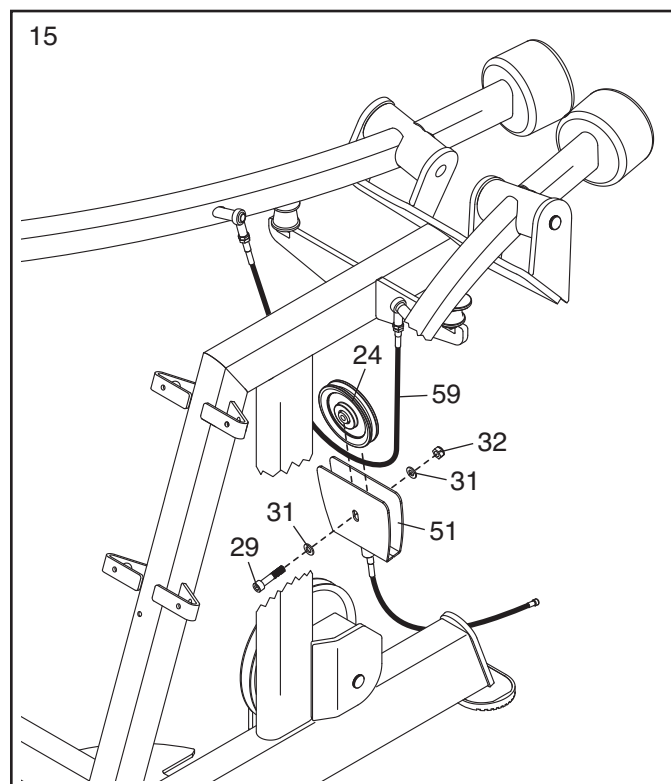
Then, attach the Ball Joint (68) on the other end of the Medium Cable (59) to the Left Arm (48) with an M10 x 35mm Socket Patch Screw (76) and an M10 Washer (31).



15. Remove all parts (24, 29, 31, and 32) from the Large Pulley Bracket (51).

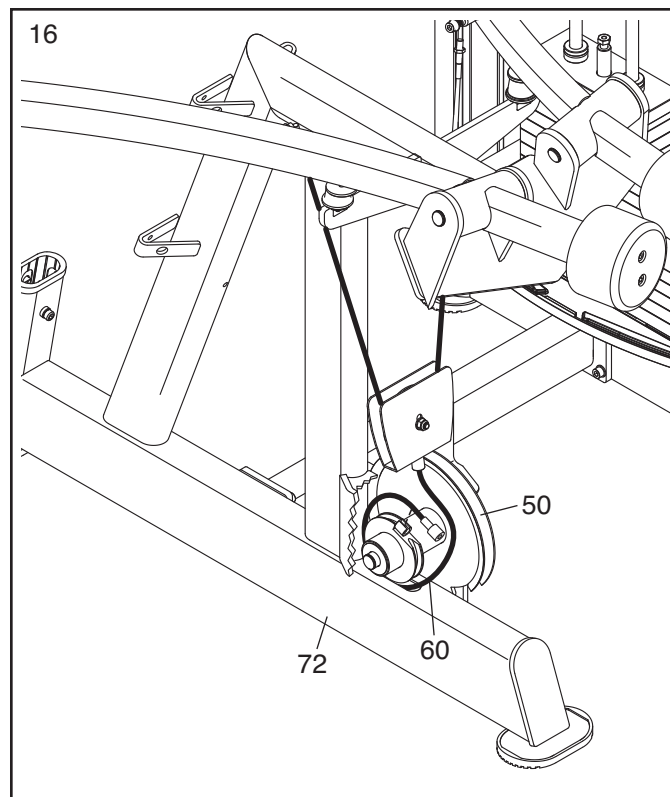
Insert the Large Pulley (24) into the slack in the Medium Cable (59).

Attach the Large Pulley (24) to the Large Pulley Bracket (51) with the M10 x 50mm Socket Bolt (29), the two M10 Washers (31), and the M10 Locknut (32) that you just removed. **Make sure that the Washers are outside the Large Pulley Bracket.**

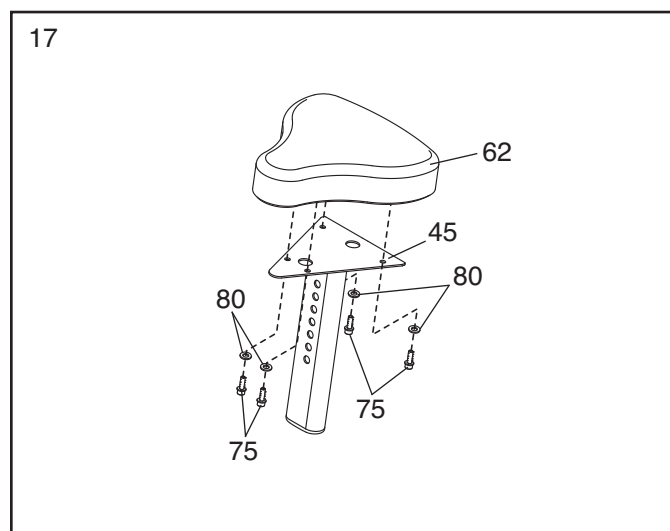


16. Route the Short Cable (60) under the pulley on the Cam (50), upward through the Base (72), and over the pulley on the Cam.

Then, press the end of the Short Cable (60) as far as possible into the socket on the Cam (50).



17. Attach the Seat (62) to the Seat Frame (45) with four M8 x 25mm Socket Screws (75) and four M8 x 16mm Washers (80).

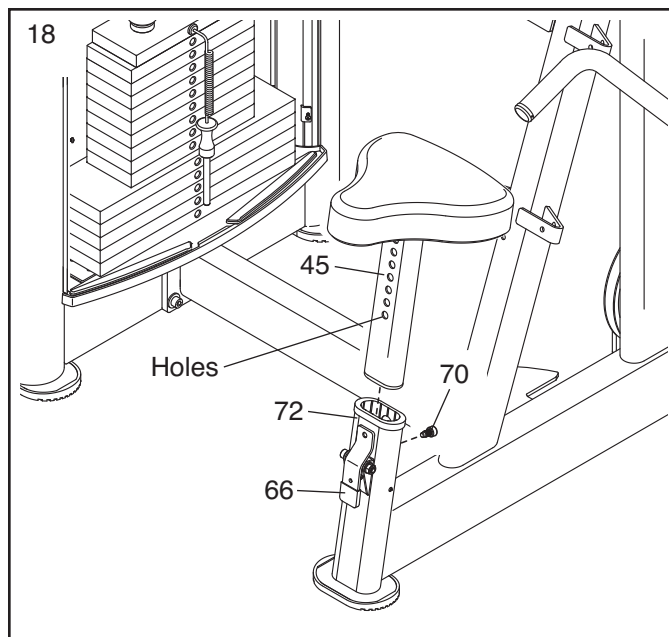


18. Remove the indicated M10 x 18mm Stop Screw (70) from the Base (72).

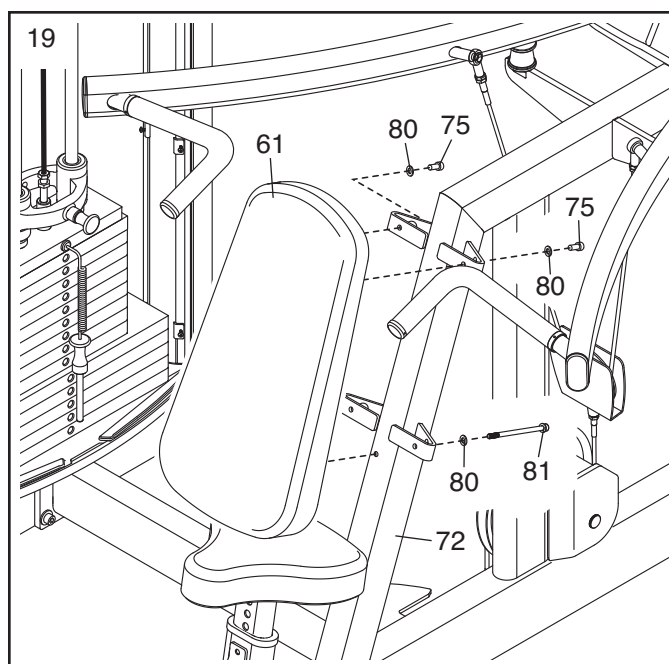
Press the indicated Adjustment Latch (66) on the Base (72), insert the Seat Frame (45) into the Base, and then release the Adjustment Latch into one of the adjustment holes in the Seat Frame.

Make sure that the Adjustment Latch (66) is firmly engaged in an adjustment hole.

Then, tighten the M10 x 18mm Stop Screw (70) into the Base (72).

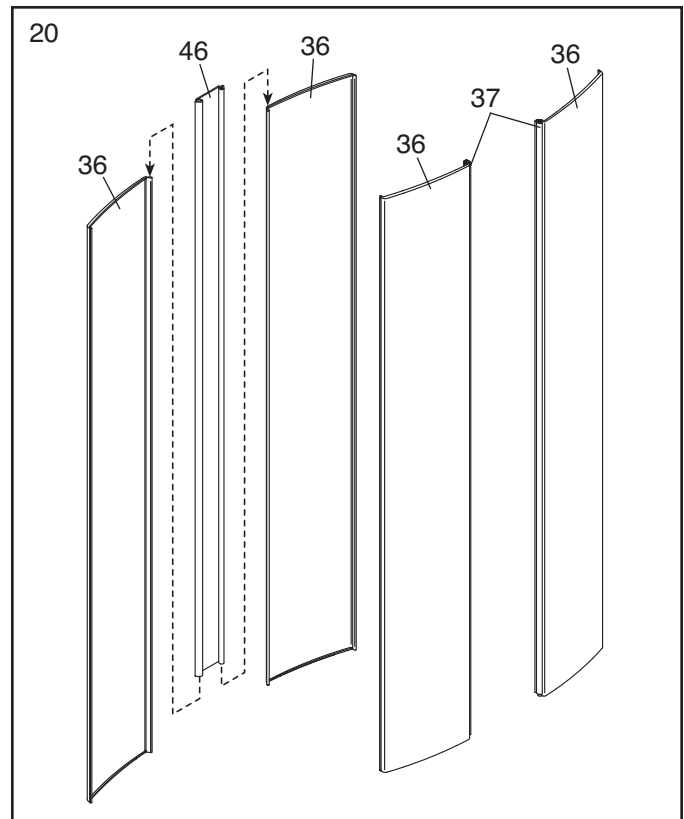


19. Attach the Backrest (61) to the Base (72) with two M8 x 25mm Socket Screws (75), an M8 x 145mm Socket Screw (81), and three M8 x 16mm Washers (80).

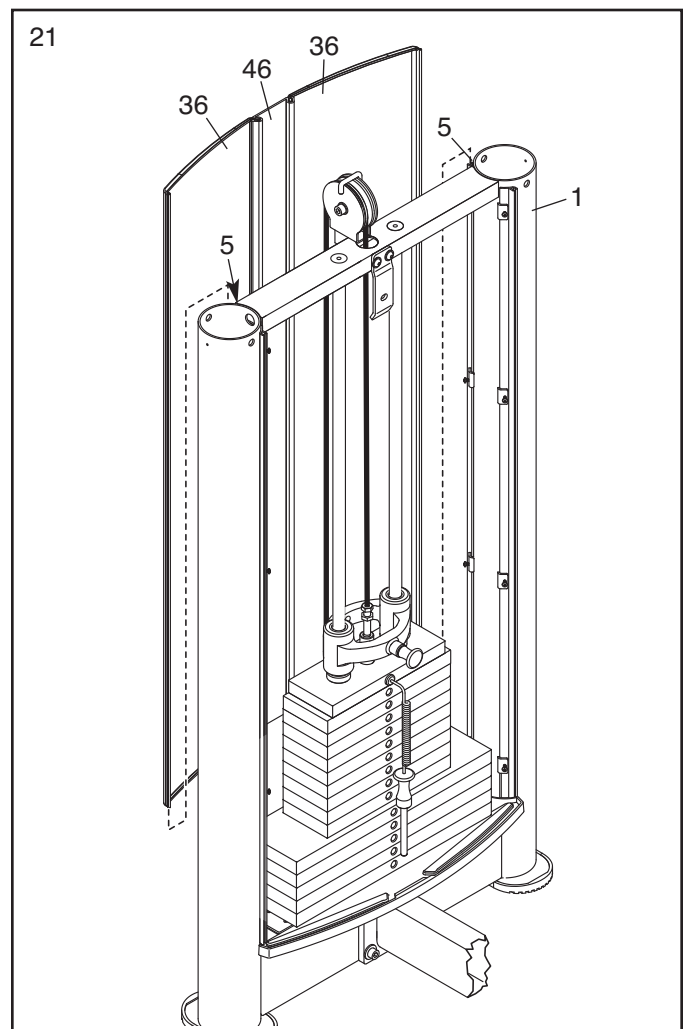


20. Look at the four Shrouds (36), and identify the two Shrouds that have strips of Inner Trim (37) and the two Shrouds that do not.

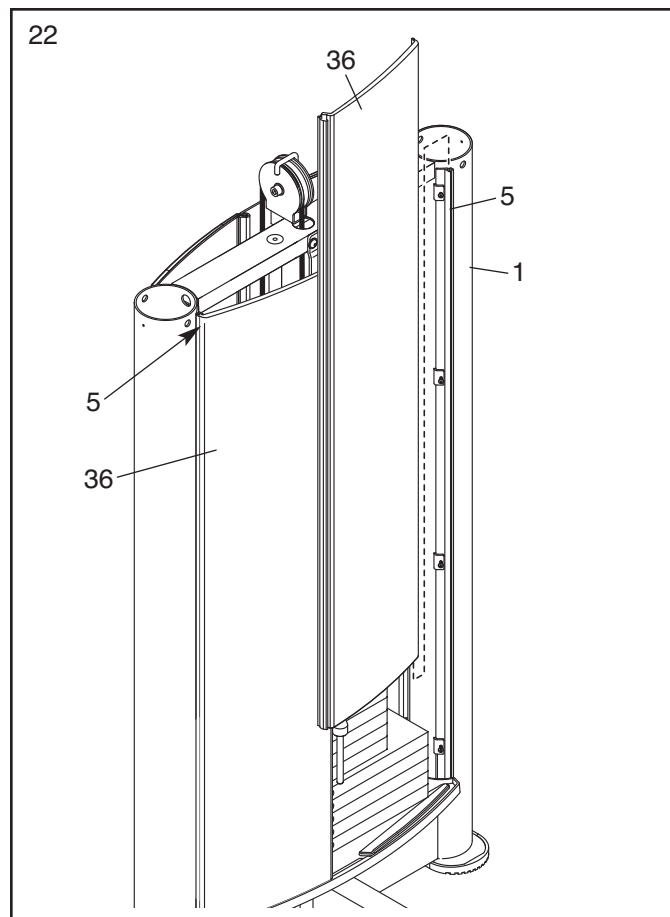
Slide the Shroud Panel (46) downward onto the two Shrouds (36) that do **not** have strips of Inner Trim (37).



21. Slide the two Shrouds (36) with the Shroud Panel (46) downward into the two strips of Outer Trim (5) on the back of the Tower Frame (1).

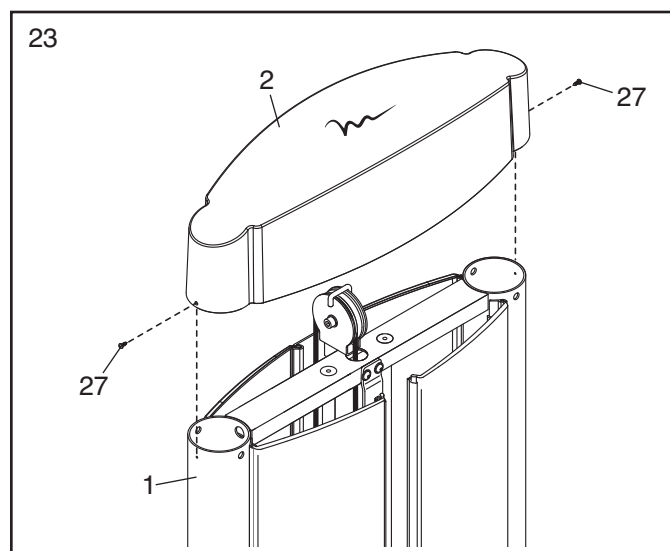


22. Slide the two remaining Shrouds (36) downward into the two strips of Outer Trim (5) on the front of the Tower Frame (1).



23. Orient the Tower Cap (2) as shown.

Slide the Tower Cap (2) downward onto the Tower Frame (1). Attach the Tower Cap with two M4 x 13mm Self-tapping Screws (27).



24. **Make sure that all parts of the strength equipment are properly tightened.** To protect the floor or carpet from damage, place a mat under the strength equipment.

ADJUSTMENT

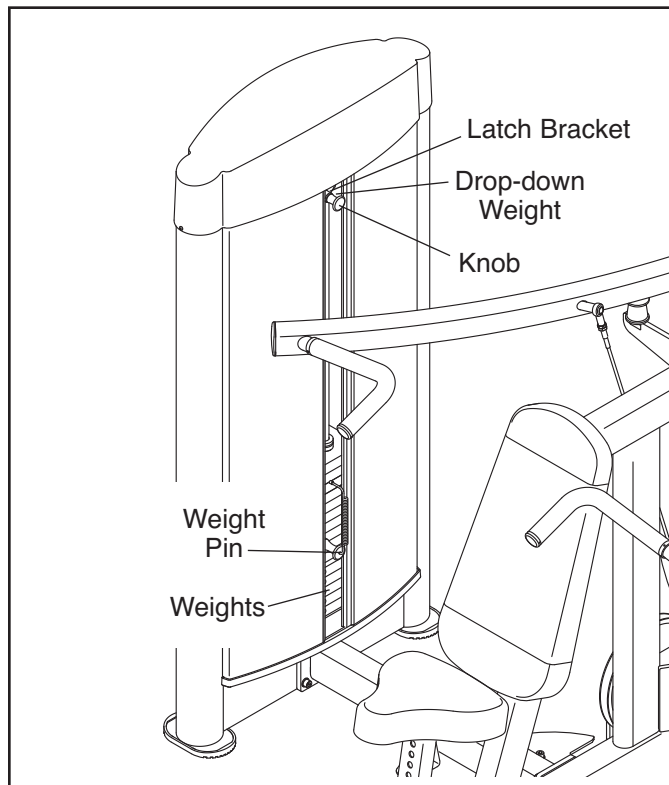
This section explains how to adjust the strength equipment. Make sure all that parts are properly tightened each time the strength equipment is used. Replace any worn parts immediately.

ADJUSTING THE RESISTANCE

To change the amount of resistance, insert the weight pin into the desired weight. **Make sure that the weight pin is fully inserted.**

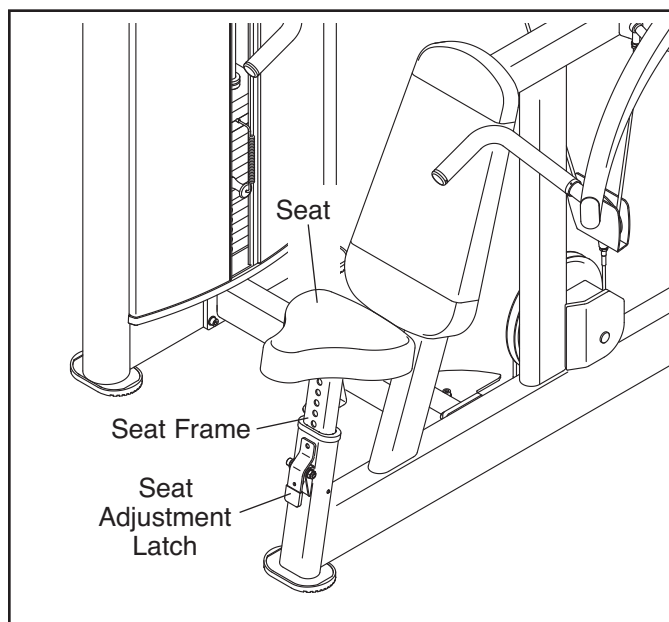
To add 5 lbs. (2.25 kg) of resistance, pull the indicated knob and lower the drop-down weight onto the weight stack.

When you are not using the drop-down weight, slide it upward and engage the knob into the latch bracket. **Move the drop-down weight upward and downward slightly to make sure that the knob is firmly engaged in the latch bracket.**



ADJUSTING THE SEAT

To adjust the seat, press the indicated adjustment latch, move the seat frame upward or downward to the desired position, and then release the adjustment latch into an adjustment hole in the seat frame. **Make sure that the adjustment latch is firmly engaged in an adjustment hole.**



MAINTENANCE AND TROUBLESHOOTING

For optimal performance of the strength equipment and to reduce the chances of injury to users, you must perform preventive maintenance on a regular basis. Instruct all personnel to perform the procedures described in this section. Personnel must also record and report any accident. To maintain the strength equipment's warranty, use only FREEMOTION parts for repair or replacement. If there are any questions or concerns, see HOW TO CONTACT CUSTOMER CARE on the back cover of this manual.

DAILY MAINTENANCE

General Cleaning

Clean the strength equipment using a soft cloth dampened with mild soap and warm water. If necessary, use a soft bristle brush with the cleaning solution.

Then, rinse the strength equipment using a soft cloth dampened with clean water, and thoroughly dry it.

Difficult Stains

Spray the stain with a non-abrasive household cleaner such as FORMULA 409® cleaner, SIMPLE GREEN®, or a similar product. Rub the stained area gently and then let the cleaning solution sit for a few minutes.

Then, rinse the strength equipment using a soft cloth dampened with clean water, and thoroughly dry it.

If necessary, repeat these steps using a soft bristle brush.

Optional Method for Difficult Stains

Rub the stained area gently using a soft cloth dampened with rubbing alcohol.

Then, rinse the strength equipment using a soft cloth dampened with clean water, and thoroughly dry it.

CAUTION: Follow the directions and the safety precautions of the manufacturer of each cleaning product used. FreeMotion Fitness and its vendors cannot be held liable for injuries or damage resulting from the use or misuse of cleaning products. **IMPORTANT:** When using any cleaning product, try it first in an unnoticeable place to ensure that there is no damage to the material. Do not use abrasive cleaners; strong cleaners; or solvents such as lacquer thinner, kerosene, gasoline, or similar liquids. Such substances may scratch the strength equipment, damage plastic parts and decals, or cause other damage.

WEEKLY MAINTENANCE

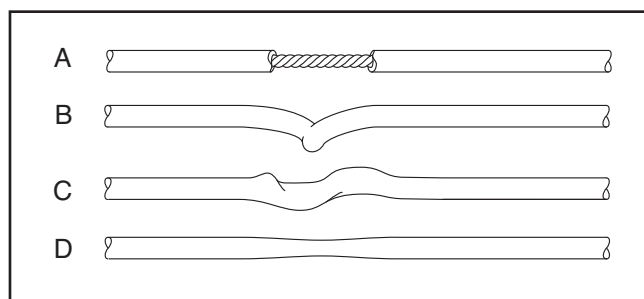
Hardware

Check all nuts, bolts, and screws, and tighten them if necessary. **IMPORTANT:** All cushions have dense plywood supports with tee-nuts that are used to attach the cushions to the strength equipment. Because the tee-nuts are held by the plywood, they will not withstand the torque that standard nuts will. When tightening the bolts or screws securing a cushion, turn them only until they are snug and the cushion does not move or feel loose. Overtightening may strip the tee-nuts from the plywood and make it impossible to remove the cushion in the future.

Cable Inspection

Check the entire length of each cable by slowly performing one repetition on the strength equipment. Inspect the cable on the exterior of the strength equipment and the cable on the interior. Run your fingers along the cable, paying close attention at the bends and attachment points. Watch for the following conditions, which may indicate a worn cable that should be replaced:

- A. a torn or split sheath that exposes the cable
- B. a kinked or severely bent cable
- C. a curled or twisted sheath
- D. a stretched sheath with a thinning cross-section



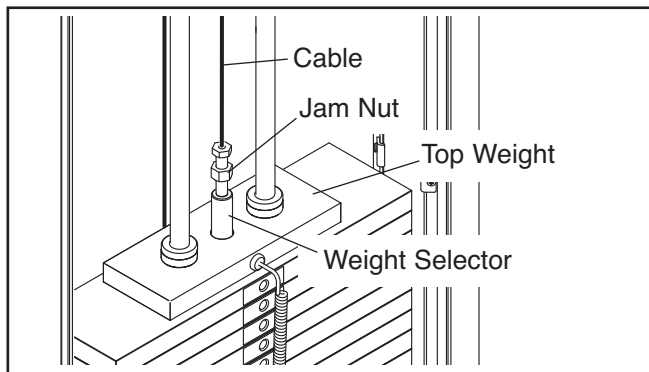
Cable Adjustment

To determine whether each cable is properly adjusted, slowly raise and lower the top weight by performing one repetition.

If the cable is loose, the top weight will not be lifted immediately when you begin the repetition.

If the cable is too tight, the top weight will not rest on the weight beneath it when you complete the repetition. It may also be difficult to insert the weight pin into the weights.

If the cable is too loose or too tight, loosen the jam nut on the end of the cable attached to the weight selector. Next, tighten the end of the cable into the weight selector until the top weight is lifted off the weight beneath it. Next, loosen the end of the cable until the top weight just rests on the weight beneath it. Then, tighten the jam nut against the weight selector.



MONTHLY MAINTENANCE

Grips

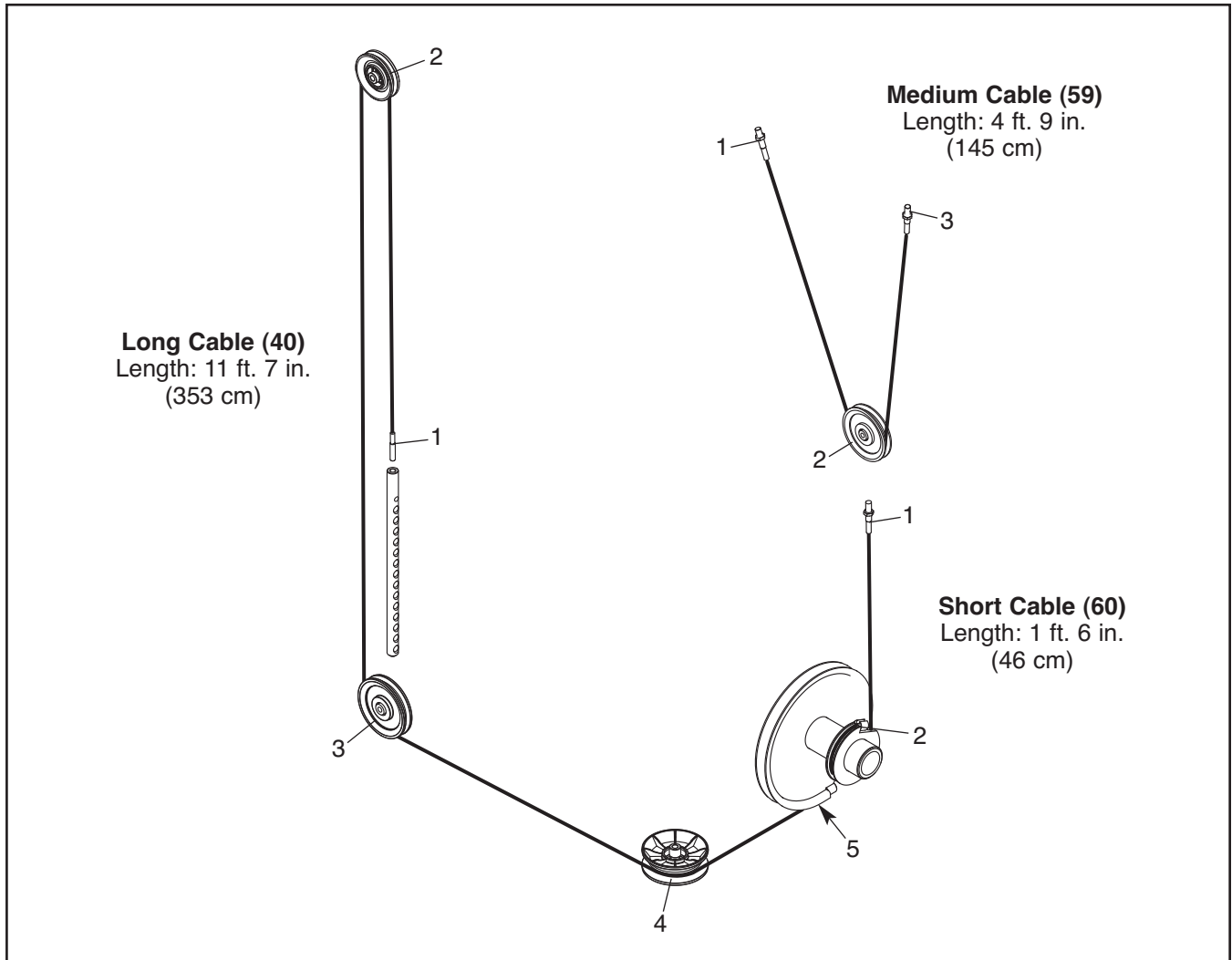
Check the grips and replace them if needed.

Weight Guide Lubrication

Clean and lubricate each weight guide by wiping it with a soft cloth containing 10W-40 or 10W-30 light-weight motor oil. Apply only a light coating over the entire length of the weight guide. **Do not use TEFLON®-based lubricants.**

CABLE DIAGRAM

The diagram below shows the correct route of each cable. The numbers in each drawing show the correct route of that cable. Use the diagram to make sure that each cable is correctly routed. **If a cable is not correctly routed, the strength equipment will not function properly and damage may occur. If the strength equipment has one or more cable traps, make sure that no cable trap is touching or binding a cable.**



NOTES

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PART LIST

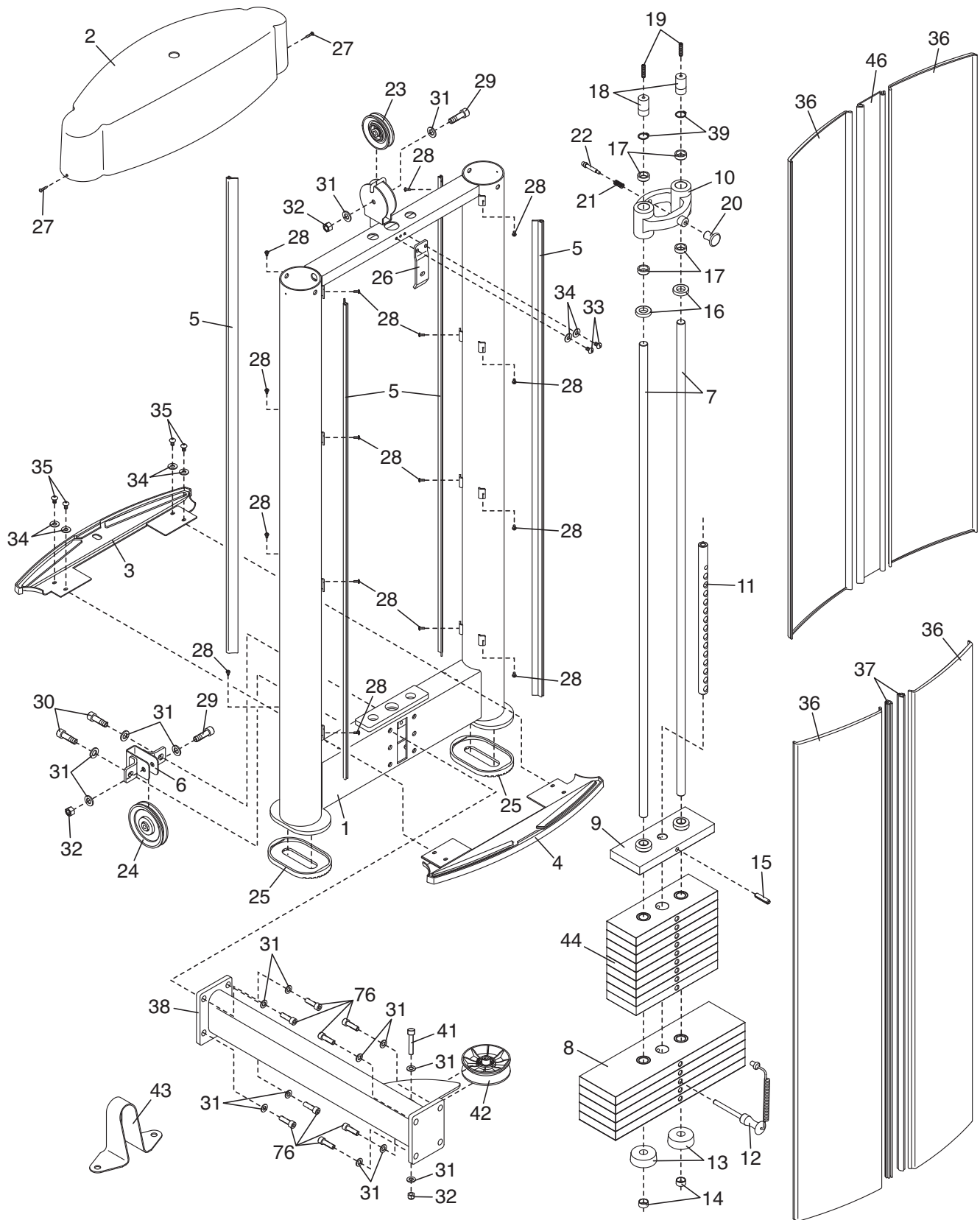
Model No. F807.0 R1110A

Key No.	Qty.	Description	Key No.	Qty.	Description
1	1	Tower Frame	42	1	V-pulley
2	1	Tower Cap	43	1	Anchor Strap
3	1	Rear Shroud Base	44	9	10-pound Weight
4	1	Front Shroud Base	45	1	Seat Frame
5	4	Outer Trim	46	1	Shroud Panel
6	1	Small Pulley Bracket	47	4	M10 x 110mm Socket Patch Screw
7	2	Weight Guide	48	1	Left Arm
8	5	20-pound Weight	49	1	Right Arm
9	1	Top Weight	50	1	Cam
10	1	Drop-down Weight	51	1	Large Pulley Bracket
11	1	Weight Selector	52	1	Cam Axle
12	1	Weight Pin	53	2	Arm Axle
13	2	Lower Weight Bumper	54	2	Handgrip Collar
14	2	Weight Guide Cap	55	2	Handgrip Cap
15	1	Roll Pin	56	6	Plastic Washer
16	2	Upper Weight Bumper	57	2	Handgrip
17	4	Copper Bushing	58	1	Backrest Cover
18	2	Weight Guide Bushing	59	1	Medium Cable
19	2	M8 x 35mm Set Screw	60	1	Short Cable
20	1	Drop-down Weight Knob	61	1	Backrest
21	1	Pin Spring	62	1	Seat
22	1	Drop-down Weight Pin	63	2	Counterweight
23	1	Small Pulley	64	4	Arm Bearing
24	2	Large Pulley	65	2	Cam Bearing
25	4	Foot	66	1	Adjustment Latch
26	1	Latch Bracket	67	1	Latch Spring
27	2	M4 x 13mm Self-tapping Screw	68	2	Ball Joint
28	16	M4 x 10mm Screw	69	3	Oval Cap
29	3	M10 x 50mm Socket Bolt	70	1	M10 x 18mm Stop Screw
30	2	M10 x 30mm Socket Patch Screw	71	1	Base Bushing
31	26	M10 Washer	72	1	Base
32	5	M10 Locknut	73	2	Arm Bumper
33	2	M6 x 20mm Patch Screw	74	8	M4 x 3mm Set Screw
34	6	M6 x 18mm Washer	75	6	M8 x 25mm Socket Screw
35	4	M6 x 15mm Button Screw	76	10	M10 x 35mm Socket Patch Screw
36	4	Shroud	77	2	M6 x 30mm Socket Patch Screw
37	2	Inner Trim	78	1	M10 x 65mm Socket Bolt
38	1	Connecting Frame	79	2	M6 x 12mm Washer
39	8	25mm Snap Ring	80	7	M8 x 16mm Washer
40	1	Long Cable	81	1	M8 x 145mm Socket Screw
41	1	M10 x 75mm Socket Bolt	*	—	Owner's Manual

Note: Specifications are subject to change without notice. For information about ordering replacement parts, see the back cover of this manual. *These parts are not illustrated.

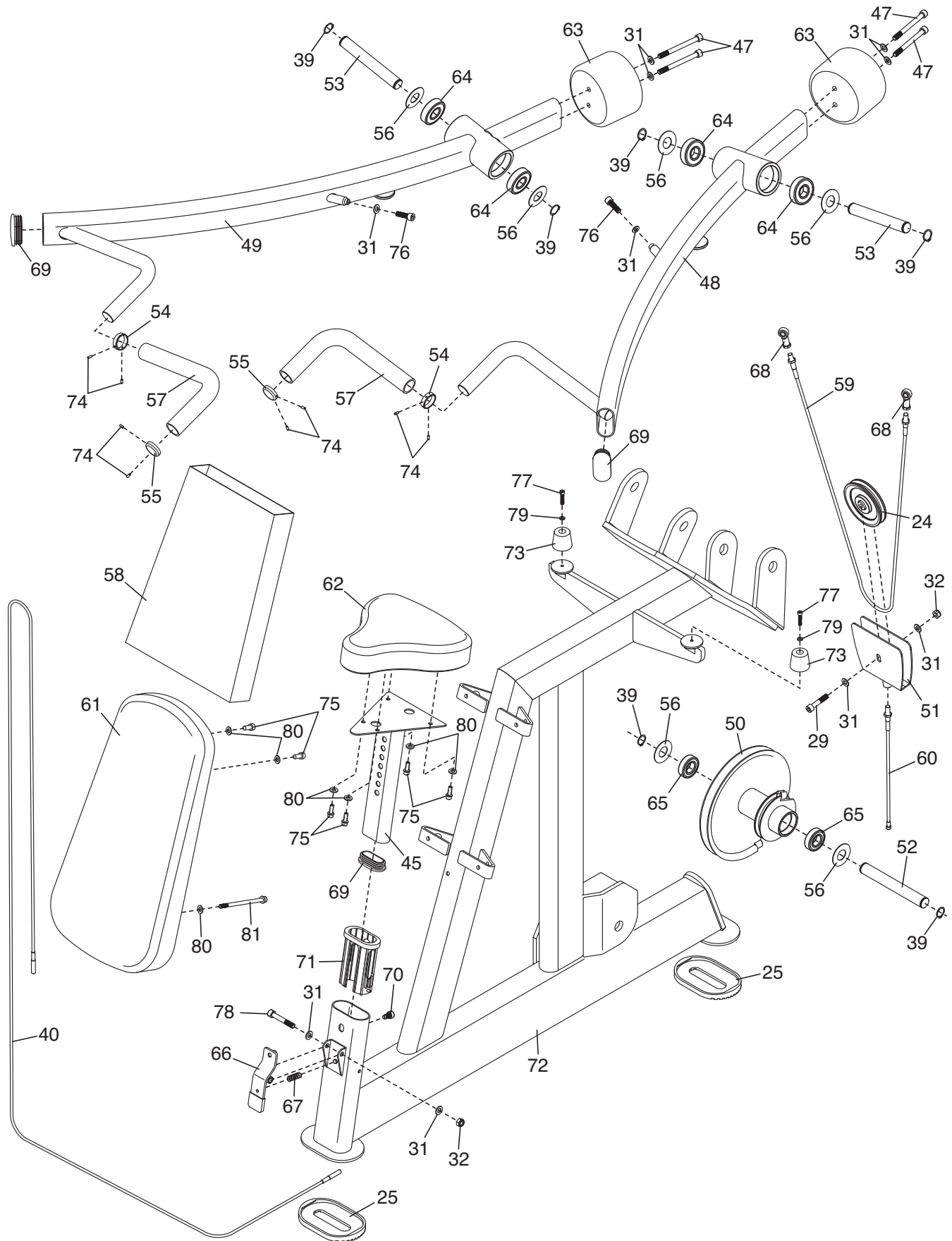
EXPLODED DRAWING A

Model No. F807.0 R1110A



EXPLODED DRAWING B

Model No. F807.0 R1110A



HOW TO CONTACT CUSTOMER CARE

If you have questions after reading this manual, or if parts are damaged or missing, please contact Customer Care at one of the phone numbers or addresses listed below. **Please note the model number, serial number, and name of the product (see the front cover of this manual) before contacting Customer Care. If you are ordering replacement parts, please also note the key number and description of each part (see the PART LIST and the EXPLODED DRAWING near the end of this manual).**

In the United States and Canada

Call: 1-800-201-2109, Mon.–Fri. 8 a.m.–5 p.m. MT

Write:

FreeMotion Fitness

1500 South 1000 West

Logan, UT 84321-9813

United States

Outside the United States and Canada

Call: 001-435-786-3521

Email: intlcustomercare@freemotionfitness.com