

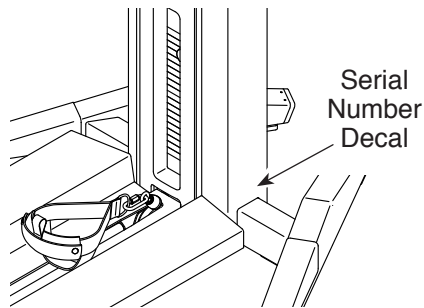
FREEMOTION®

TOTAL GLUTE/HAMSTRING

Model No. G629.0

Serial No. _____

Write the serial number in the space above for reference.



OWNER'S MANUAL

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.

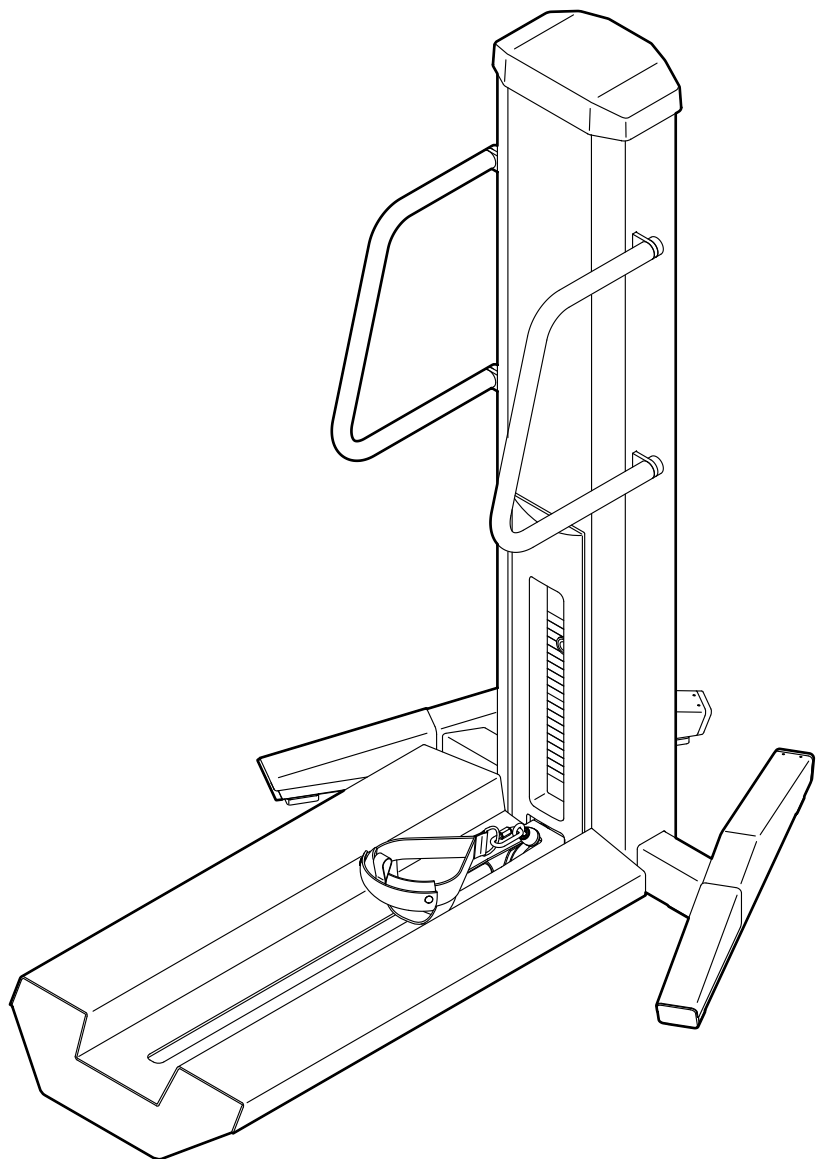


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FORMULA 409 is a registered trademark of The Clorox Company.

SIMPLE GREEN is a registered trademark of Sunshine Makers, Inc.

Teflon is a registered trademark of E. I. du Pont de Nemours and Company.

The name Lubriplate® is a registered trademark owned by Lubriplate Lubricants Company.

Dynalife is a registered trademark of ConocoPhillips Company or its subsidiaries.

Super Lube is a registered trademark of Synco Chemical Corporation.

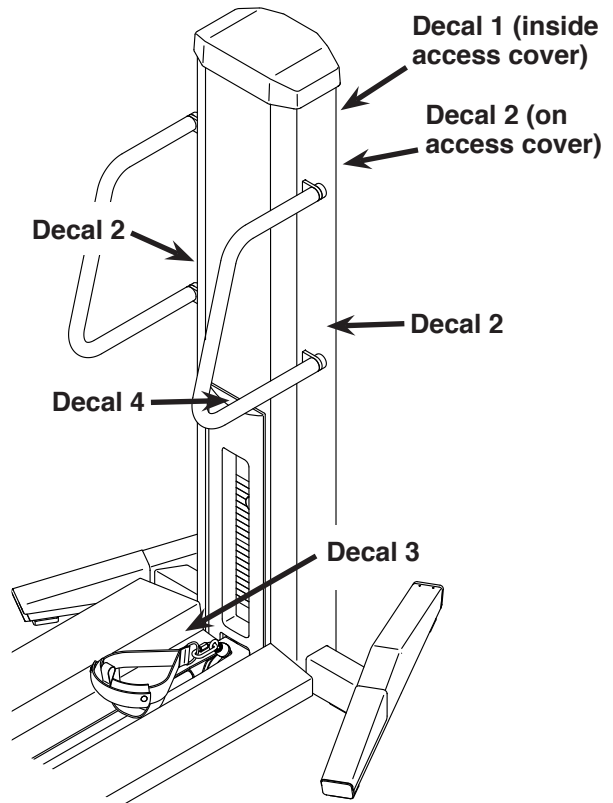
IMPORTANT PRECAUTIONS

⚠️ 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.

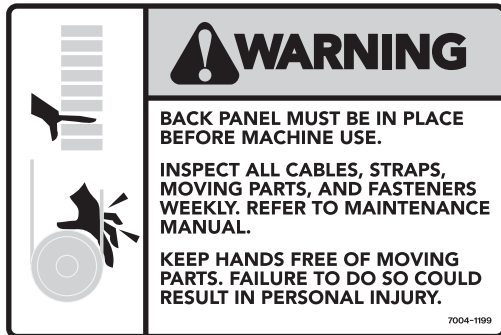
1. It is the responsibility of the owner to ensure that all users of the strength equipment are adequately informed of all precautions, have read and understood all warning and caution labels, and are informed of how to use the strength equipment properly.
2. Before beginning any exercise program, consult your physician. This is especially important for persons over age 35 or persons with pre-existing health problems.
3. Use the strength equipment only as described in this manual.
4. It is the responsibility of the owner to ensure that there is enough space around the strength equipment for the intended exercise.
5. Use the strength equipment only on a level surface. Cover the floor beneath the strength equipment to protect the floor.
6. Using the anchor holes (see page 5), anchor the strength equipment to the floor to provide maximum stability.
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 13 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 foot strap is 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 the cables remain 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, if you become short of breath, 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.



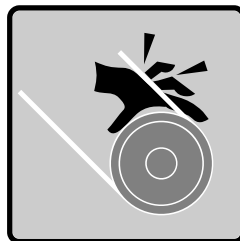
Decal 1



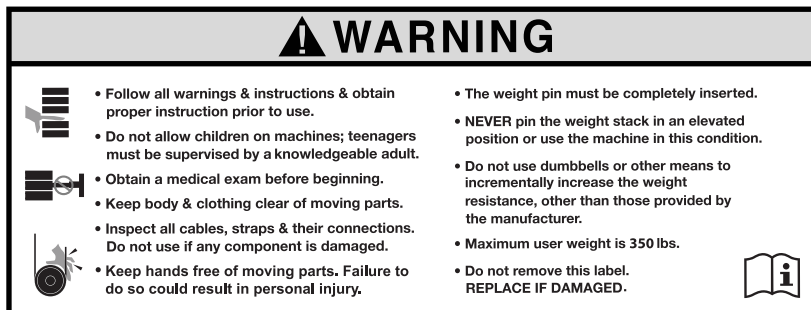
Decal 2



Decal 3



Decal 4 (Part of the instruction placard)



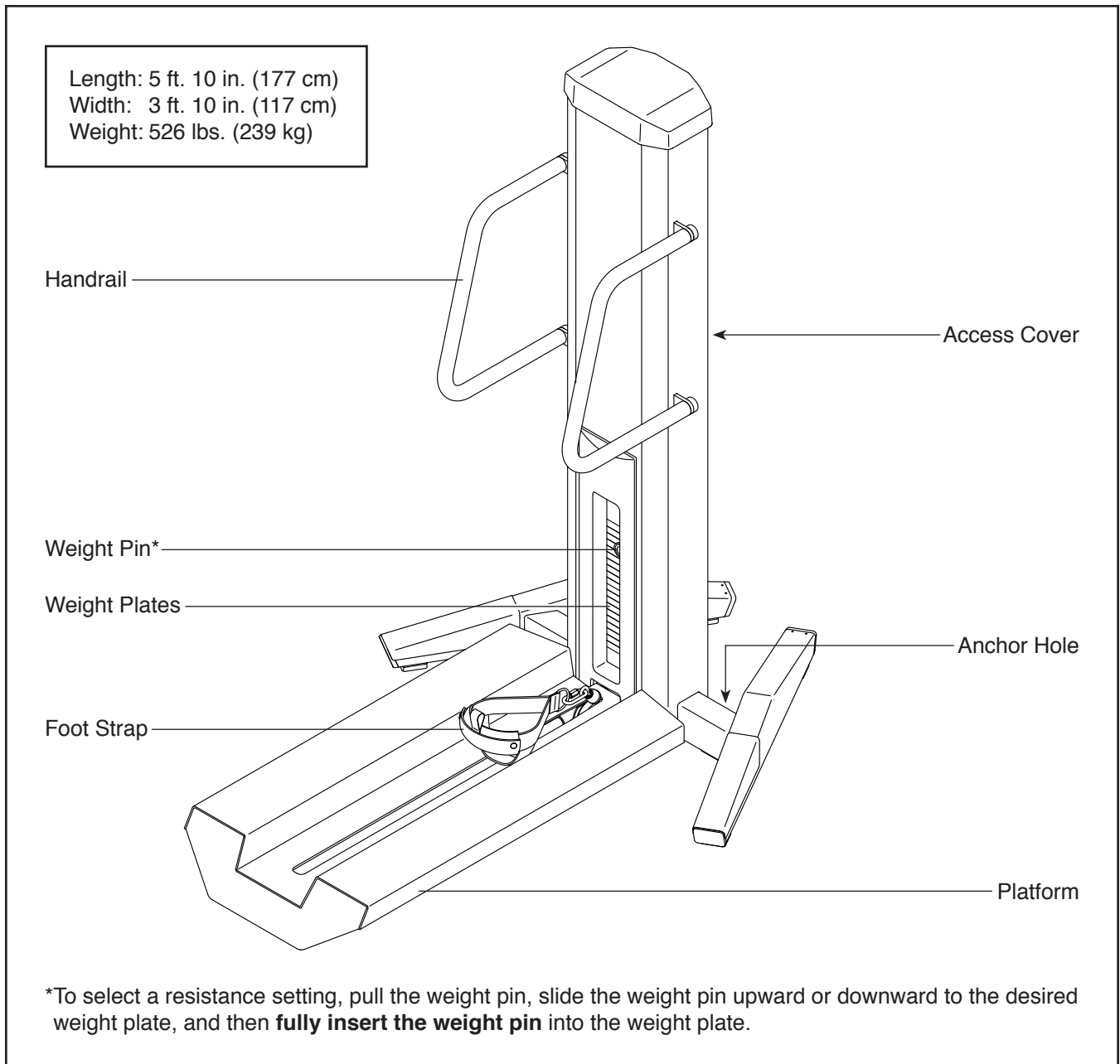
BEFORE YOU BEGIN

Thank you for selecting the innovative FREEMOTION® TOTAL GLUTE /HAMSTRING strength equipment. With unrestricted motion, you can work your body's muscle groups together—the same way you do naturally—to train more effectively.

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.



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

Upholstery and Frame—General Cleaning

1. Clean the strength equipment using a soft cloth dampened with a light solution of mild soap and warm water. If necessary, use a soft bristle brush with the cleaning solution.
2. Rinse the area thoroughly using a soft cloth dampened with clean water. Dry thoroughly.

Upholstery—Difficult Stains

1. 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 let the cleaning solution sit for a few minutes.
2. Rinse the area thoroughly using a soft cloth dampened with clean water. Dry thoroughly.
3. Repeat these steps if necessary using a soft bristle brush.

Optional Method for Difficult Stains

1. Rub the stained area gently using a soft cloth dampened with rubbing alcohol.
2. Rinse the area thoroughly using a soft cloth dampened with clean water. Dry thoroughly.

CAUTION: When using any cleaning product, try it first in an unnoticeable place to ensure that there is no damage to the material. 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 damage or injuries resulting from the use or misuse of cleaning products. **IMPORTANT:** Do not use abrasive cleaners, which may scratch the strength equipment. Strong cleaners and abrasives will damage decals; use caution around decals. Do not use solvents such as lacquer thinner, kerosene, gasoline, or similar liquids.

WEEKLY MAINTENANCE

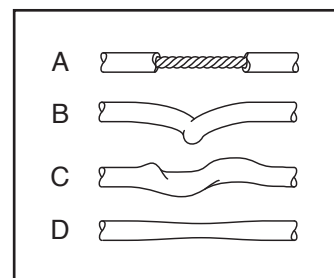
Hardware

Check all nuts and bolts and tighten them as required. **IMPORTANT:** All FREEMOTION cushions have dense plywood supports with tee-nuts that are used to bolt the cushions to the strength equipment. Because the tee-nuts are held by the plywood, they will not withstand the torque that standard nuts and bolts will. When tightening the bolts 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. Note: Your strength equipment may not have cushions.

Cable

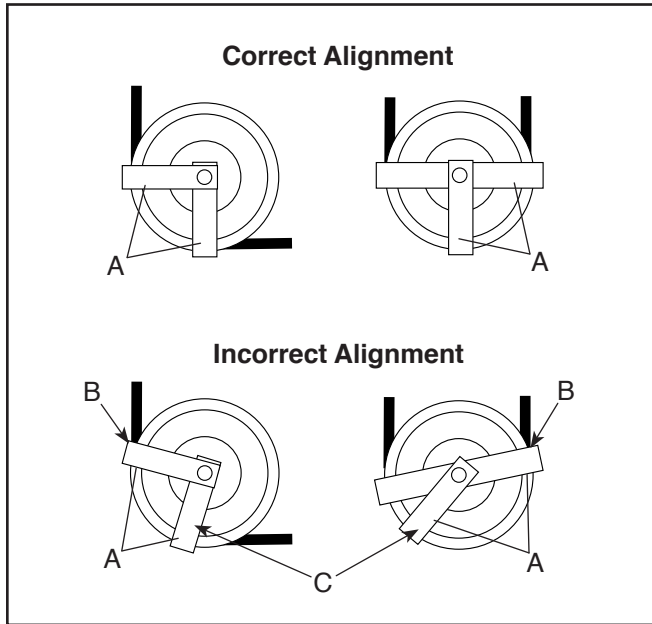
1. Check the cable for proper tension (see CABLE ADJUSTMENT on page 8).
2. Check the entire length of the cable by slowly performing one repetition on the strength equipment; inspect the cable that is exposed on the exterior of the strength equipment and the cable inside the tower. Run your fingers along the cable, paying close attention at the bends and attachment points. Watch for the following conditions, which may indicate a worn cable in need of replacement.

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



Cable Traps

Check the cable traps (A) to ensure that they are not rubbing (B) against the cables and that they are holding the cables in the grooves of the pulleys. If a cable trap is incorrectly aligned (C), loosen the locknut slightly, readjust the cable trap as necessary, and retighten the locknut.



MONTHLY MAINTENANCE

Grips

Check the grips and replace them if needed. Note: Your strength equipment may not have grips.

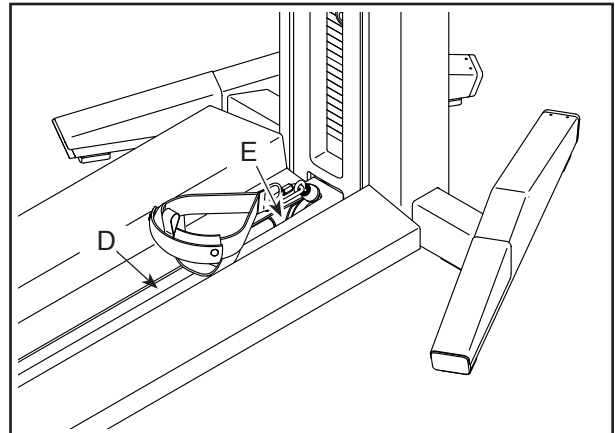
Weight Guide Lubrication

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

Linear Bearing Lubrication

To purchase grease for the linear bearings, see HOW TO CONTACT CUSTOMER CARE on the back cover of this manual. Approved alternatives are LUBRIPLATE® MAG-00, 76 DYNALIFE® L-EP 000, CASTROL® HD 000, and SUPER LUBE® 00/000 grease. **IMPORTANT: To avoid permanently damaging the linear bearings, do not use any other type of grease.**

1. Using a soft cloth, clean the pulley bracket guide (D); **make sure to remove the accumulated grease and debris from the ends of the pulley bracket guide.**



2. Insert the weight pin into the weight stack, and have a second person pull the foot strap until the pulley bracket (E) is in the center of the pulley bracket guide (D).
3. Apply drops of the specified grease all around the pulley bracket guide (D) in front of and behind the pulley bracket (E).
4. Have the second person pull the foot strap repeatedly so that the pulley bracket (E) moves along the entire length of the pulley bracket guide (D) several times.
5. Repeat steps 3 and 4 once or twice more until the grease begins to accumulate near the ends of the pulley bracket guide (D). Then, wipe off the accumulated grease.

CABLE ADJUSTMENT

For the strength equipment to function correctly, the cables must be tensioned correctly. To check the tension of the cables, first pull the weight pin and slide it to the bottom of the weight stack; **do not insert the weight pin into a weight plate**. Next, slowly raise and lower the weight carriage by performing one repetition. The weight carriage should come to rest just on top of the top weight plate when the repetition is completed.

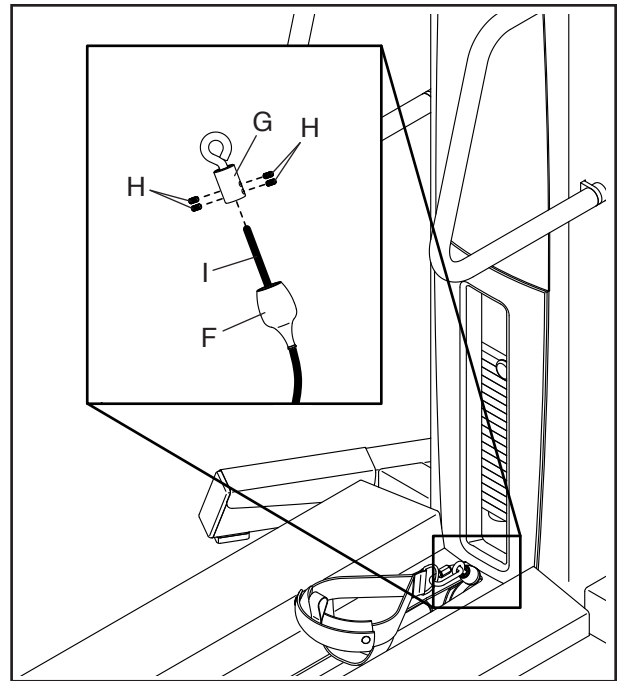
If there is not enough tension on the cables, the weight carriage will not be lifted immediately when the repetition is begun. Ideally, the cable should not move more than 1/2 inch (1.3 cm) from the resting position before the weight carriage is lifted. If there is not enough tension on a cable, adjust the cables as described in the following steps.

Short Cable Adjustment

Tools required: 1/8" hex key, cable cutters, torque wrench, utility knife

IMPORTANT: Make this adjustment only if there is slack in the short cable. This adjustment is only for increasing the cable tension, because it requires shortening the cable.

1. To create slack in the short cable, pull the weight pin, pull the foot strap out 6 to 8 inches (15 to 20 cm), and then insert the weight pin into the third weight plate and into the tube on the bottom of the weight carriage.
2. Push the black rubber cable stop (F) off the aluminum cable lock (G) and slide the cable stop downward a few inches.
3. Loosen the four set screws (H) in the cable lock (G), and pull the cable (I) free. Note: The drawing shows the set screws removed; however, it is not necessary to remove the set screws.

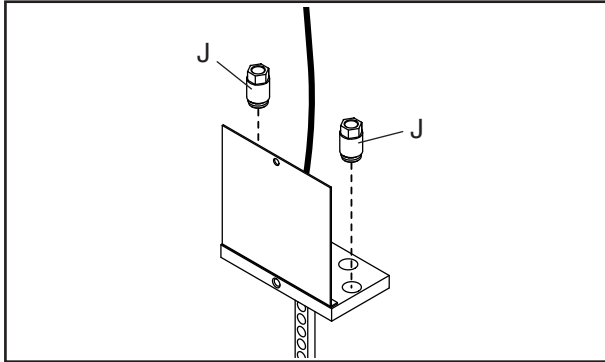


4. Cut off one inch of the cable end (I) using cable cutters. **IMPORTANT:** Using any other tool may flatten or disrupt the end strands so that it may be difficult to reinsert the cable into the hole of the cable lock (G).
5. Cut off one inch of the black cable sheath from the end of the cable (I).
6. Reinsert the cable (I) and the sheath into the cable lock (G) so that all of the bare cable is in the hole.
7. Retighten the four set screws (H) into the threaded holes. Tighten the set screws equally until they contact the cable (I). Then, tighten each screw alternately 1/4 turn, until all are set to 85 inch/pounds (9.6 Newton-meters).
8. Slide the rubber cable stop (F) over the cable lock (G), remove the weight pin, and return the foot strap to the resting position.
9. Check for proper tension on the cable as described in CABLE ADJUSTMENT, on page 8.

WEIGHT STACK SERVICING

Servicing the weight stack involves replacing the bushings in the weight carriage. To order these parts, see HOW TO CONTACT CUSTOMER CARE on the back cover of this manual.

1. Remove the tower cover and then remove the back access cover by sliding it upward until the two sets of tabs release.
2. Loosen the top bolt or nuts on each weight guide. Then, remove the bolts or nuts and let the weight guides slide down to the floor.
3. Slide the weight carriage upward off the weight guides. Note: For increased clearance, pull the weight guides toward the back of the tower.
4. Unscrew and remove the two weight guide bushings (J) from the weight carriage. Discard the weight guide bushings.



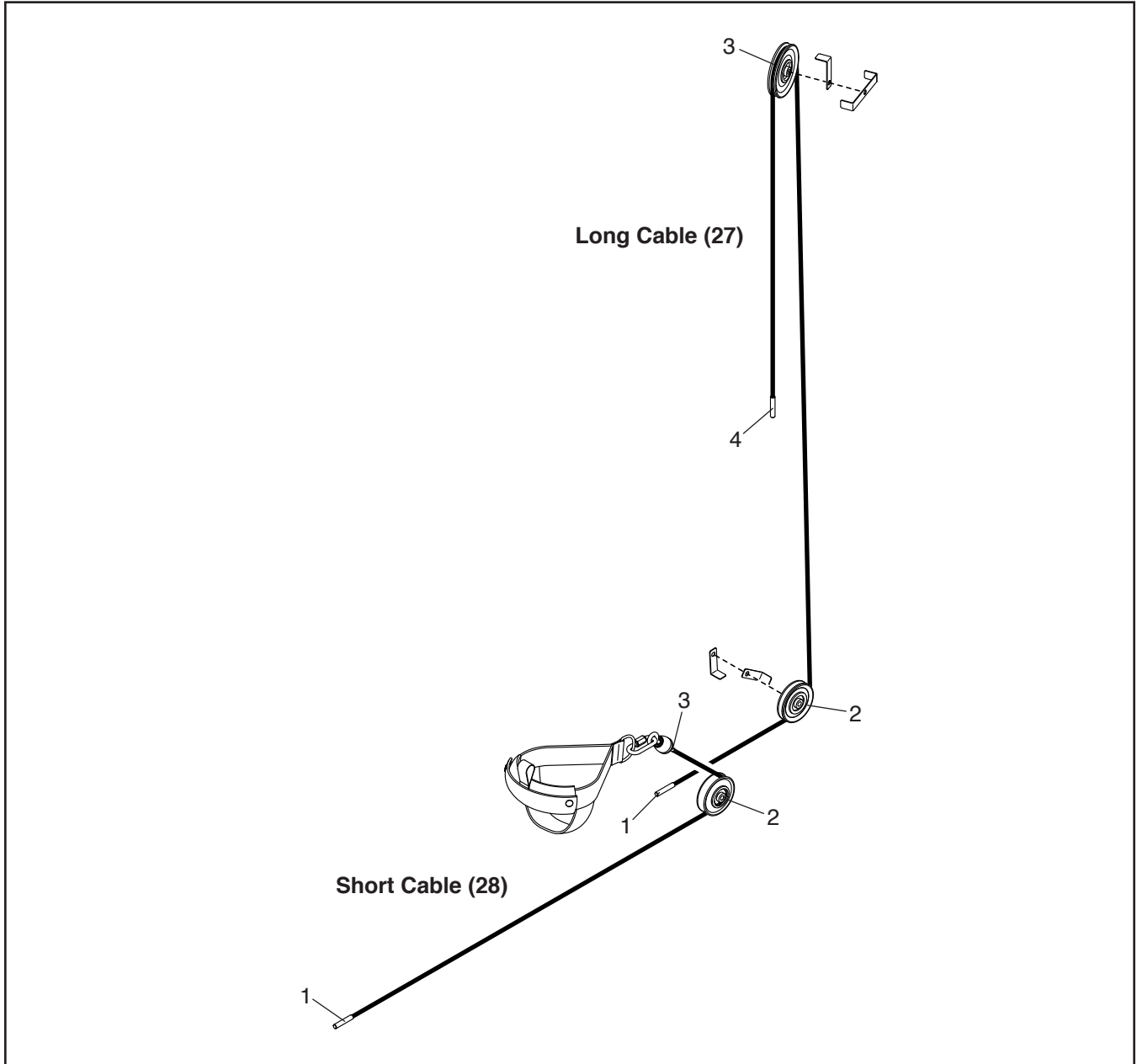
5. Tighten two new weight guide bushings (J) into the weight carriage. **Do not overtighten the weight guide bushings. If they are overtightened, they may make a chattering noise when they move on the weight guides.**
6. Clean and lubricate the weight guides by wiping them with a soft cloth containing 10W-40 or 10W-30 lightweight motor oil. Apply only a light coating over the entire length. **Do not use TEFLON®-based lubricants.**
7. Replace the weight carriage on the weight guides.
8. Reattach the weight guides to the top of the tower.
9. Pull the weight pin and slide it to the bottom of the weight stack; **do not insert the weight pin into a weight plate.** Next, pull the foot strap, lifting the weight carriage all of the way to the top. Then, slowly return the foot strap to the resting position.

If the weight carriage sticks, loosen one of the weight guide bolts or nuts. Then, lift the weight carriage to the top again, and retighten the weight guide bolt or nuts. Check the full travel again and readjust the weight guides if necessary.

10. Slowly perform a repetition and have someone make sure that a cable is not derailed from a pulley or rubbing on a cable trap.
11. Reattach the access cover and the tower cover.

CABLE DIAGRAM

The diagram below shows the proper routes of the cables. The numbers show the correct route of each cable. Use the diagram to make sure that the cables and the cable traps are assembled correctly. If a cable is not correctly routed, the strength equipment will not function properly and damage may occur. **Make sure that the cable traps do not touch or bind the cable.**



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PART LIST

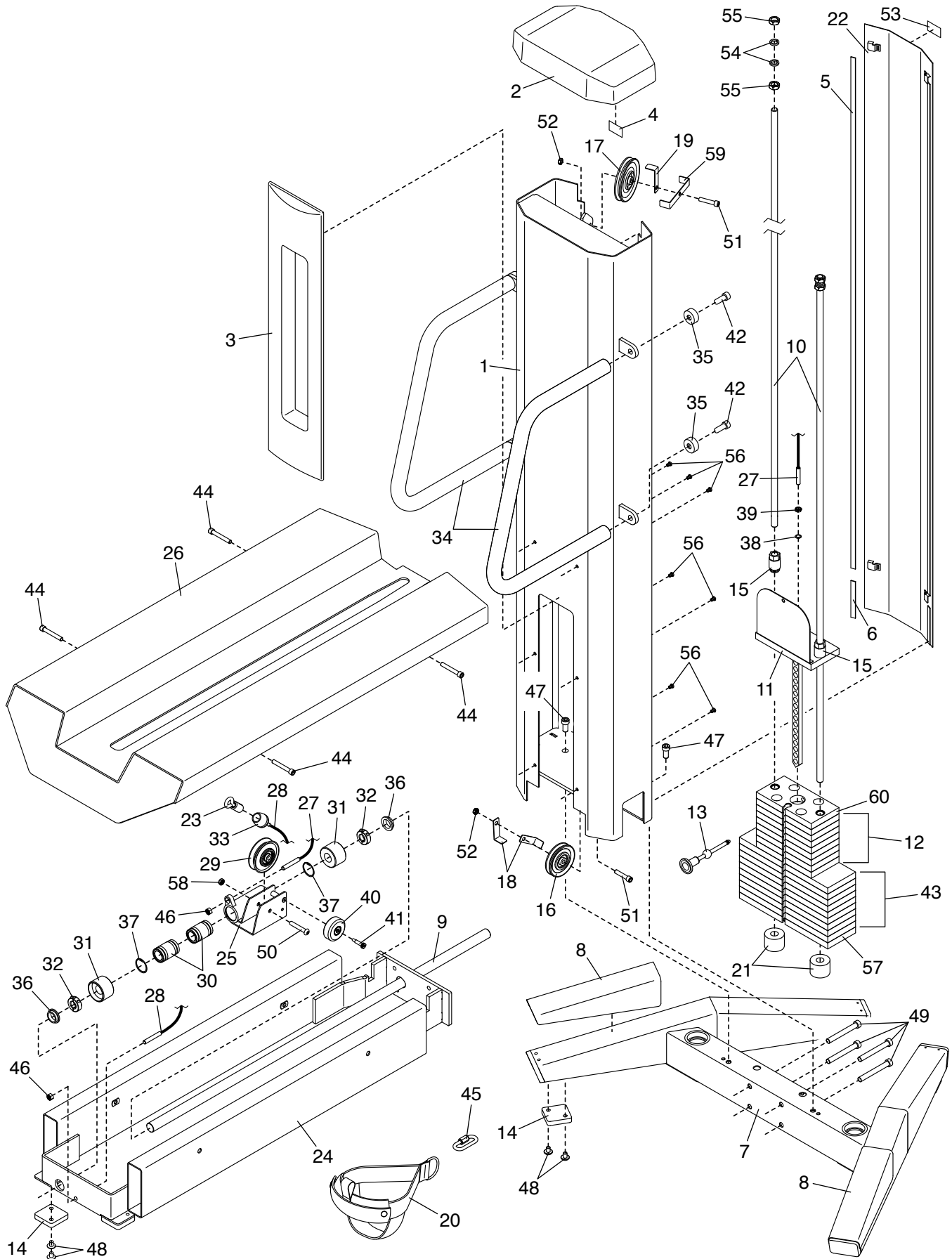
Model No. G629.0 R0419A

Key No.	Qty.	Description	Key No.	Qty.	Description
1	1	Tower	32	2	Clamp
2	1	Tower Cover	33	1	Cable Cover
3	1	Lower Cover	34	2	Handrail
4	1	Loop Fastener Tape	35	4	Handrail Cover
5	2	Long Magnet Strip	36	2	Flange Bushing
6	2	Short Magnet Strip	37	2	Internal Snap Ring
7	1	Tower Base	38	1	3/8" Serrated Washer
8	2	Wear Cover	39	1	3/8" Jam Nut
9	1	Pulley Bracket Guide	40	1	Roller
10	2	Weight Guide	41	1	Roller Axle
11	1	Weight Carriage	42	4	1/2" x 1" Button Screw
12	8	Small Weight Plate	43	9	Large Weight Plate
13	1	Weight Pin	44	4	3/8" x 2 1/2" Screw
14	6	Foot	45	1	Quick Link
15	2	Weight Guide Bushing	46	2	3/8" Locknut
16	1	Small Aluminum Pulley	47	2	1/2" x 1" Screw
17	1	Large Aluminum Pulley	48	12	3/8" x 1/2" Screw
18	2	Small Cable Trap	49	4	1/2" x 4" Screw
19	1	Large Cable Trap	50	1	3/8" x 2 1/4" Bolt
20	1	Foot Strap	51	2	3/8" x 1 3/4" Bolt
21	2	Weight Bumper	52	2	3/8" Jam Locknut
22	1	Access Cover	53	1	Hook Fastener Tape
23	1	Cable Lock	54	4	5/8" Split Washer
24	1	Platform Base	55	4	5/8" Jam Nut
25	1	Pulley Carriage	56	7	1/4" x 3/8" Screw
26	1	Platform	57	1	Large Bottom Weight Plate
27	1	Long Cable	58	1	3/8" Black Jam Locknut
28	1	Short Cable	59	1	Dual Cable Trap
29	1	V-pulley	60	1	Small Top Weight Plate
30	2	Linear Bearing	*	—	Owner's Manual
31	2	Pulley Bracket Bumper			

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

Model No. G629.0 R0419A



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

Call: 1-800-201-2109, Mon.–Fri. 6 a.m.–6 p.m. MT

Email: customercare@freemotionfitness.com

Write:

Freemotion Fitness
1500 South 1000 West
Logan, UT 84321-9813
United States

Outside the United States

Call: 001-800-527-5417 or 001-435-786-3521,

Mon.–Fri. 6 a.m.–3 p.m. USA Mountain Time

Email: intlcustomercare@freemotionfitness.com

LIMITED WARRANTY

WARRANTY PERIODS AND COVERAGE

Freemotion Fitness warrants this product to be free from defects in workmanship and material under normal use and service conditions. Parts and labor are warranted for one (1) year, unless otherwise specified on the invoice.

The warranty period commences on the invoice date of purchase. Any parts repaired or replaced during this warranty period will be warranted for the remainder of the original warranty period.

CONDITIONS AND LIMITATIONS

The following will void the warranty on this product:

1. This warranty applies only to the original owner and is non-transferable.
2. The labor warranty applies only to products sold in the US and Canada. Contact your authorized Freemotion Fitness dealer for details on labor coverage in your country.
3. Any misuse, abuse, or improper service.
4. Users in excess of the maximum user weight listed in this manual. Note: This product may not have a maximum user weight.
5. Damage caused by moving the product or improper storage including moving or storing the product on its side.
6. Use or storage of the product outdoors or in high-humidity environments including spa and pool areas.
7. Damage caused by improper wiring or insufficient electrical current. Note: This product may not have wiring.

This warranty shall not apply to the following:

1. Cosmetic items including grips, decals, and labels.

2. Pick-up and delivery or freight charges involved with a repair.
3. Any problem as a result of improper assembly or delivery.

WHAT TO DO IF SERVICE IS REQUIRED

Freemotion Fitness warranty service may be obtained by contacting the authorized dealer from which you purchased this product. Make sure to retain your original invoice and serial number information. If this product experiences a failure under the warranty terms set forth, Freemotion Fitness shall provide at their option either repair, replacement, or refund of the purchase price. Freemotion Fitness compensates service providers for warranty trips within their service area. You may be charged additionally for service calls beyond this service area.

Freemotion Fitness 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; damages with respect to any economic loss, loss of property, loss of revenues or profits, loss of enjoyment or use, or cost of removal or installation; or other consequential damages. Some regions do not allow the exclusion or limitation of consequential damages. Accordingly, the above limitation may not apply to you. This warranty gives you specific rights, and you may have other rights that vary from region to region.

TO CONTACT FREEMOTION FITNESS

See HOW TO CONTACT CUSTOMER CARE above.