

NordicTrack®

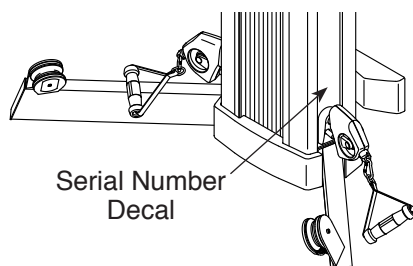
FUSION CST

nordictrack.com

Model No. NTSY14016.0

Serial No. _____

Write the serial number in the space above for reference.



ACTIVATE YOUR WARRANTY

To register your product and activate your warranty today, go to my.nordictrack.com.

CUSTOMER CARE

For service at any time, go to nordictrackservice.com.

Or call 1-866-608-1798
Mon.–Fri. 6 a.m.–6 p.m. MT
Sat. 8 a.m.–12 p.m. MT

Please do not contact the store.

⚠ CAUTION

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

USER'S MANUAL

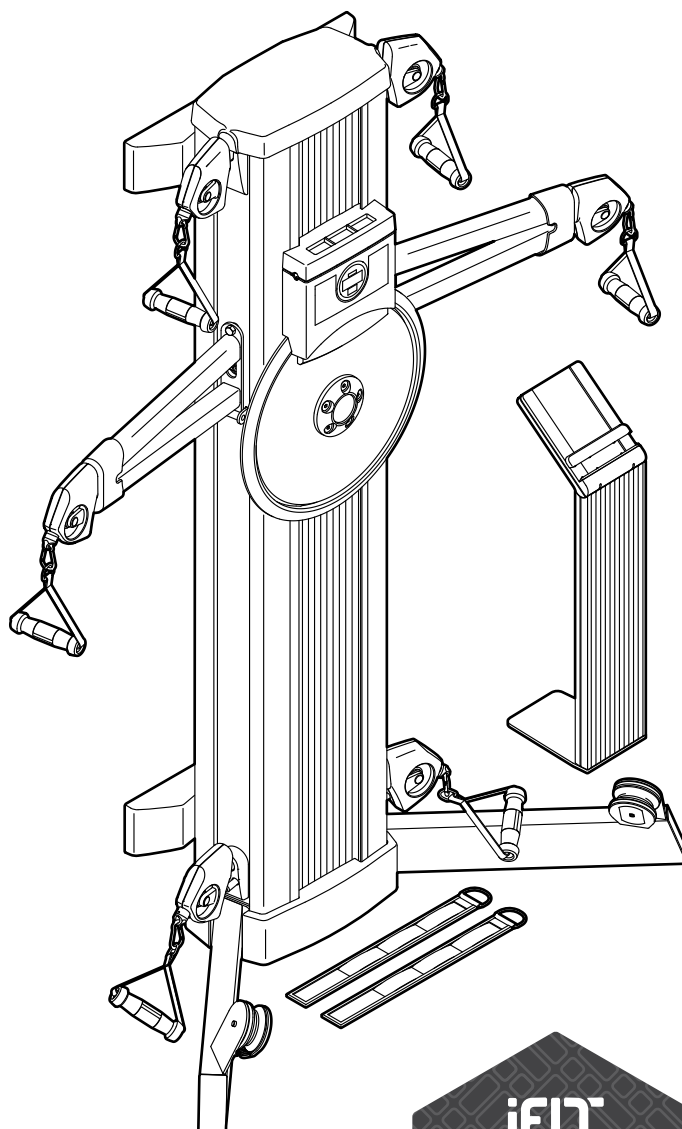
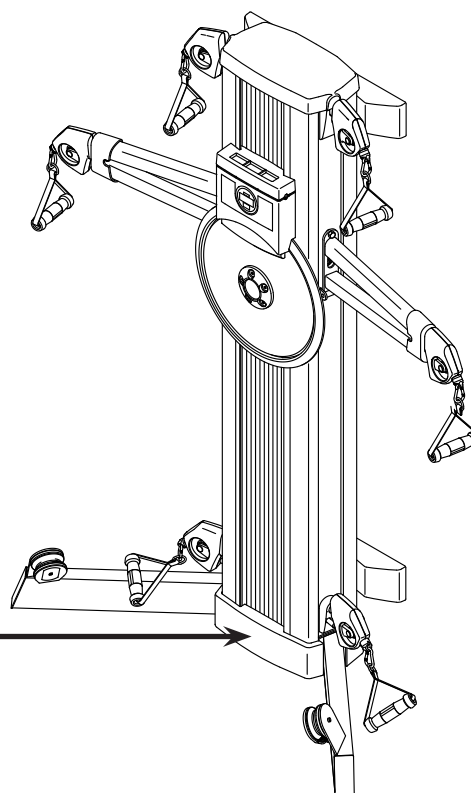


TABLE OF CONTENTS

WARNING DECAL PLACEMENT	2
IMPORTANT PRECAUTIONS	3
BEFORE YOU BEGIN	5
ASSEMBLY	6
THE CHEST HEART RATE MONITOR	17
HOW TO USE THE STRENGTH SYSTEM	18
FCC INFORMATION	22
MAINTENANCE AND TROUBLESHOOTING	23
CARDIO EXERCISE GUIDELINES	25
STRENGTH EXERCISE GUIDELINES	26
PART LIST	28
EXPLODED DRAWING	30
ORDERING REPLACEMENT PARTS	Back Cover
LIMITED WARRANTY	Back Cover

WARNING DECAL PLACEMENT

This drawing shows the location(s) of the warning decal(s).
If a decal is missing or illegible, see the front 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	
•Follow all warnings & instructions & obtain proper instruction prior to use. •Obtain a medical exam before beginning. •Inspect the machine, do not use if damaged. •Keep body & clothing clear of moving parts. •Failure to do so could result in personal injury. •Do not use with any accessory not provided by the manufacturer.	•Do not allow children on/or near this machine; use by teenagers must be supervised by a knowledgeable adult. •Do not remove this label, REPLACE IF DAMAGED. •INSPECT ALL ROPES, STRAPS, MOVING PARTS, AND FASTENERS WEEKLY, REFER TO MAINTENANCE MANUAL.
	

NORDICTRACK and IFIT are registered trademarks of ICON Health & Fitness, Inc. Android is a trademark of Google Inc. The BLUETOOTH® word mark and logos are registered trademarks of Bluetooth SIG, Inc. and are used under license. IOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license.

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 system before using your strength system. ICON 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 system are adequately informed of all precautions.
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. The strength system is not intended for use by persons with reduced physical, sensory, or mental capabilities or lack of experience and knowledge, unless they are given supervision or instruction about use of the strength system by someone responsible for their safety.
4. Use the strength system only as described in this manual.
5. The strength system is intended for home use only. Do not use the strength system in a commercial, rental, or institutional setting.
6. Keep the strength system indoors, away from moisture and dust. Do not put the strength system in a garage or covered patio, or near water.
7. Place the strength system on a level surface with at least 6 ft. (1.8 m) of clearance around the strength system. To protect the floor or carpet from damage, place a mat under the strength system.
8. Obtain professional advice and have a qualified person install the brackets to ensure adequate support. Serious injury could result if the brackets are improperly installed.
9. The location on the wall to which the brackets are fastened must be capable of supporting a working load of 600 lbs. (272 kg). Do not fasten the brackets to a dry-wall surface or to a cinder block surface.
10. Inspect and properly tighten all parts each time the strength system is used. Replace any worn parts immediately.
11. Keep children under age 13 and pets away from the strength system at all times.
12. Users weighing more than 300 lbs. (136 kg) should not use the strength system.
13. Wear appropriate clothes while exercising; do not wear loose clothes that could become caught on the strength system. Always wear athletic shoes for foot protection.
14. Keep hands and feet away from moving parts.
15. Pull and release the handles and ankle straps in a controlled manner.
16. Make sure that the ropes remain on the pulleys at all times. If the ropes bind while you are exercising, stop immediately and make sure that the ropes are on the pulleys.
17. 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.

PROTECT

YOUR FITNESS EQUIPMENT
WITH AN EXTENDED SERVICE PLAN



Your new fitness equipment is not an ordinary purchase; it is an investment in your health and well being for years to come.

As the leading provider of manufacturer's extended service plans, ICON strives to protect your equipment and your future.

Please review the following service plans and find one that best fits your needs.

PREVENTIVE MAINTENANCE SERVICE PLANS

Equipment Price	3-Year Plan	5-Year Plan
\$0.00 to \$1000.00	\$199.99	\$289.99
\$1001.00 to \$1500.00	\$259.99	\$379.99
\$1501.00 to \$2500.00	\$339.99	\$489.99
(Bikes/Systems Only) \$0.00 to \$2500.00	\$139.99	NA

Features:

- Includes an annual preventive maintenance and performance check at your convenience
- Unlimited in-home repairs; no shipping required
- Covers parts and labor on all manufacturer's defects, as well as wear and tear on parts
- Up to 5 years of coverage available

STANDARD SERVICE PLANS

Equipment Price	1-Year Plan	2-Year Plan	3-Year Plan
\$0.00 to \$300.00	\$29.99	\$39.99	\$59.99
\$301.00 to \$1000.00	\$89.99	\$119.99	\$149.99
\$1001.00 to \$2000.00	\$109.99	\$139.99	\$179.99
\$2001.00 to \$3000.00	\$179.99	\$209.99	\$239.99

Features:

- Unlimited in-home repairs; no shipping required
- Covers parts and labor on all manufacturer's defects, as well as wear and tear on parts
- Up to 3 years of coverage available

To protect your fitness equipment today, please
call Customer Care at **1-800-677-3838.**
Or, visit us online at **www.utserv.com.**



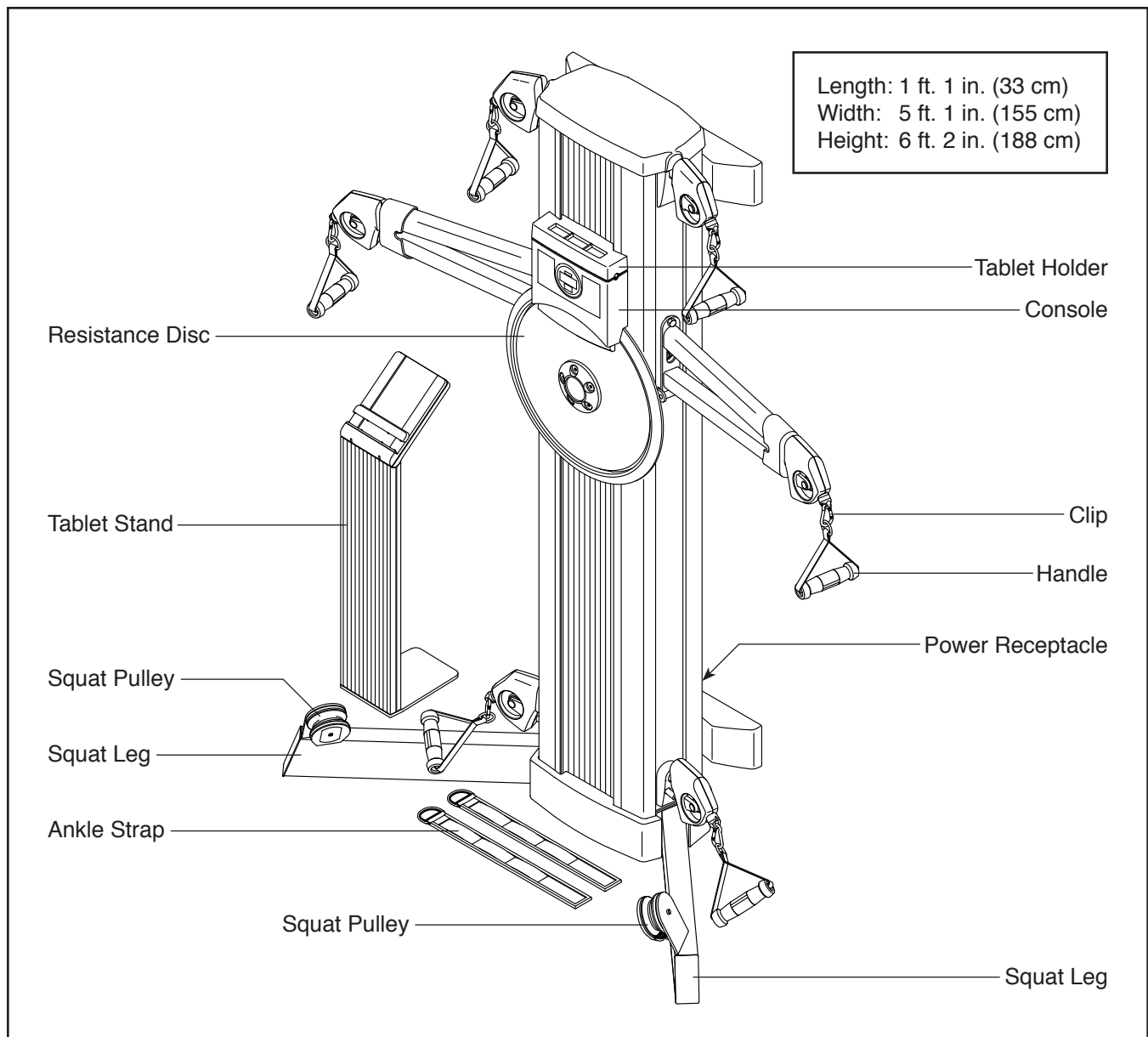
BEFORE YOU BEGIN

Congratulations for selecting the revolutionary NORDICTRACK® FUSION CST strength system. The FUSION CST strength system is unlike any ordinary strength system. Whether your goal is to tone your body, build dramatic muscle size and strength, or improve your cardiovascular system, the strength system has an array of innovative features that will help you to achieve the specific results you want.

after reading this manual, please see the front 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 familiarize yourself with the parts that are labeled in the drawing below.

For your benefit, read this manual carefully before you use the strength system. If you have questions



ASSEMBLY

- Due to the size and weight of the strength system, assembly requires two or three persons.
- Place all parts in a cleared area and remove the packing materials. Do not dispose of the packing materials until you finish all assembly steps.
- Left parts are marked “L” or “Left” and right parts are marked “R” or “Right.”
- Assembly may be easier if you have your own set of wrenches. To avoid damaging parts, do not use power tools for assembly steps 4 to 14.
- In addition to the included tool(s), assembly requires the following tools:
 - Drill with a 1/4" bit or a 7/8" bit
 - Pencil
 - Ratchet
 - Stud finder
 - Adjustable wrench

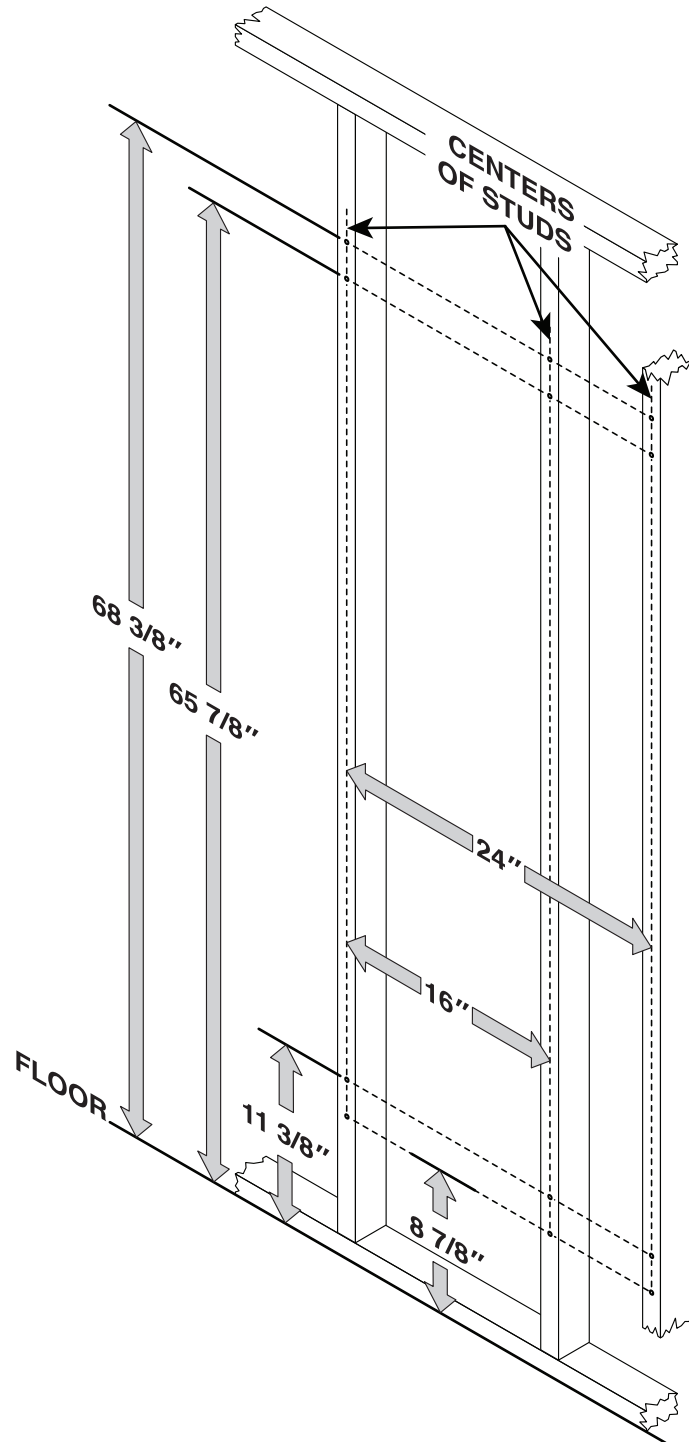
The Two Stages of the Assembly Process

Wall Bracket Assembly— You will first fasten the brackets to wood or metal studs in your wall.

Strength System Assembly— You will then attach the strength system to your wall and assemble the strength system covers, tower arms, and accessories.

Wall Bracket Assembly

- **IMPORTANT:** Obtain professional advice and have a qualified person install the brackets to ensure adequate support.
- **IMPORTANT:** Do not fasten the brackets to a drywall surface or to a cinder block surface.
- The location on the wall to which the brackets are fastened must be capable of supporting a working load of 600 lbs. (272 kg). **IMPORTANT:** The brackets and the strength system should not be used by persons weighing more than 300 lbs. (136 kg).
- The brackets must be securely fastened to the centers of wood or metal wall studs in a wall that is at least 7 ft. (213 cm) high, above a flat surface that is at least 6 ft. (183 cm) long and 6 ft. (183 cm) wide. This placement provides sufficient space to use the strength system effectively.
- Taking your height into consideration, make sure that there will be adequate clearance between the strength system and the ceiling to perform the exercises that you wish to perform with the strength system.
- **The upper brackets.** The upper hole in each bracket must be positioned $68\frac{3}{8}$ in. (174 cm) above the floor. Measuring from upper hole to upper hole, the brackets must be positioned 16–24 in. (41–61 cm) apart.
- **The lower brackets.** The lower hole in each bracket must be positioned $8\frac{7}{8}$ in. (22.5 cm) above the floor. Measuring from lower hole to lower hole, the brackets must be positioned 16–24 in. (41–61 cm) apart.
- If you are fastening the brackets to a concrete surface, you will also need eight $\frac{3}{8}$ " lag screws (not included) designed for use with eight concrete lag anchors (not included). Follow the manufacturer's instructions to install the $\frac{3}{8}$ " lag screws and the concrete lag anchors.



1.

⚠ WARNING: Serious injury could result if the Slide Brackets (60) or Wall Brackets (61) are improperly installed. Obtain professional advice and have a qualified person install the Slide Brackets or Wall Brackets. Do not fasten the Slide Brackets or Wall Brackets to a drywall surface or to a cinder block surface.

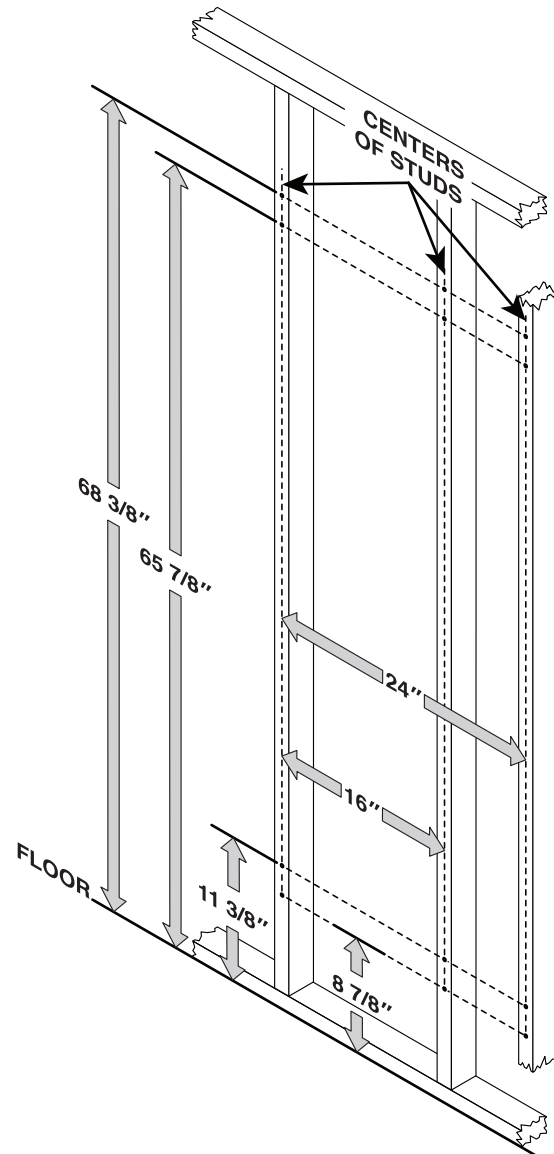
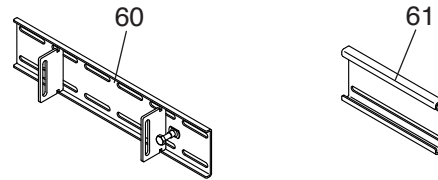
Identify the Slide Brackets (60) and the Wall Brackets (61).

Using your stud finder, locate the centers of two wood or metal wall studs. **IMPORTANT: Each Bracket (60, 61) must be fastened to the center of a wood or metal wall stud. The wall studs can be no more than 24 in. (61 cm) and no less than 16 in. (41 cm) apart.**

If your wall studs are 16 in. (41 cm) apart, go to step 2. You will use only the Slide Brackets (60) to assemble the strength system. Note: Save the unused Wall Brackets (61) in case you need to mount the strength system differently in the future.

If your wall studs are 24 in. (61 cm) apart, go to step 3. You will use the Slide Brackets (60) and the Wall Brackets (61).

1



2. Align a Slide Bracket (60) along the centers of the wall studs. Using your pencil, mark the locations of the slots on the wall studs. Then, remove the Slide Bracket.

Repeat these actions for the other Slide Bracket (60).

Using your drill, drill pilot holes in the marked locations on the wall. Drill 1/4" pilot holes in wood wall studs. Drill 7/8" pilot holes in metal wall studs. **IMPORTANT: The pilot holes must be drilled straight and perpendicular to the center of the wall stud.**

Wood Wall Studs. If you are installing the Slide Bracket (60) in wood wall studs, see the upper drawing. Locate the 3/8" x 3" Screws (103) and the 3/8" x 1 1/4" Washers (104). Align a Slide Bracket with two sets of pilot holes. Using your ratchet or drill, tighten four Screws with four Washers into the Slide Bracket and the pilot holes. **Start all the Screws, and then fully tighten them.**

Metal Wall Studs. If you are installing the Slide Bracket (60) in metal wall studs, see the center drawing. Locate the M10 x 100mm Toggle Bolts (105). Align a Slide Bracket with two sets of pilot holes. Using your ratchet or drill, tighten four Toggle Bolts into the Slide Bracket and the pilot holes; **make sure to orient the Toggle Bolts so that the wings (A) will open vertically.** Start all the Toggle Bolts, and then fully tighten them.

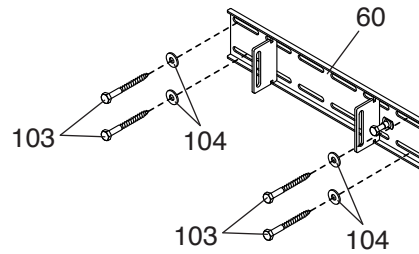
Repeat these actions for the other Slide Bracket (60).

Make sure that each Slide Bracket (60) is flush with the wall and that the 3/8" x 3" Screws (103) or the M10 x 100mm Toggle Bolts (105) are firmly tightened. Pull firmly on each Slide Bracket. There must not be any movement or play in the Slide Brackets.

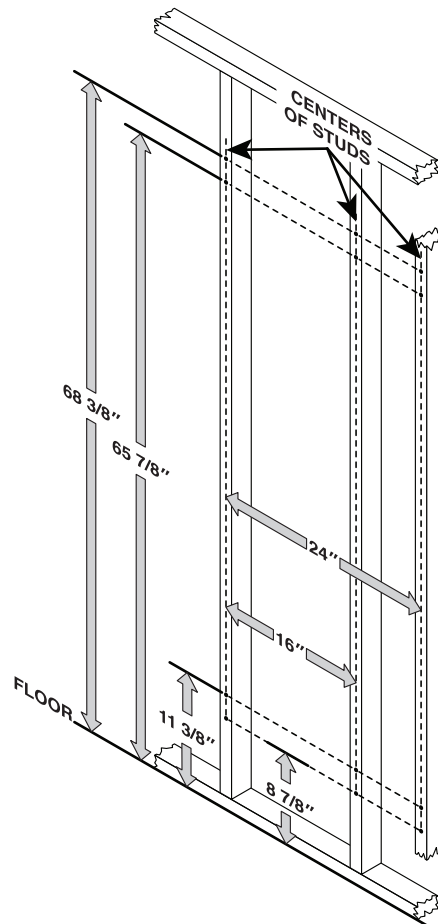
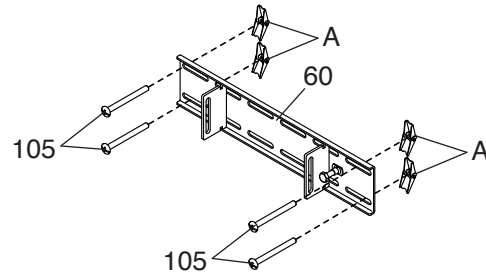
Then, go to step 4.

2

Wood Studs



Metal Studs



3. **See the upper drawing.** Slide a Wall Bracket (61) onto each side of a Slide Bracket (60).

Align the Slide Bracket (60) assembly along the centers of the wall studs. Adjust the Wall Brackets (61) as needed. Using your pencil, mark the locations of the slots on the wall studs. Then, remove the Slide Bracket assembly.

Repeat these actions for the other Slide Bracket (60) assembly.

Using your drill, drill pilot holes in the marked locations on the wall. Drill 1/4" pilot holes in wood wall studs. Drill 7/8" pilot holes in metal wall studs. **IMPORTANT: The pilot holes must be drilled straight and perpendicular to the center of the wall stud.**

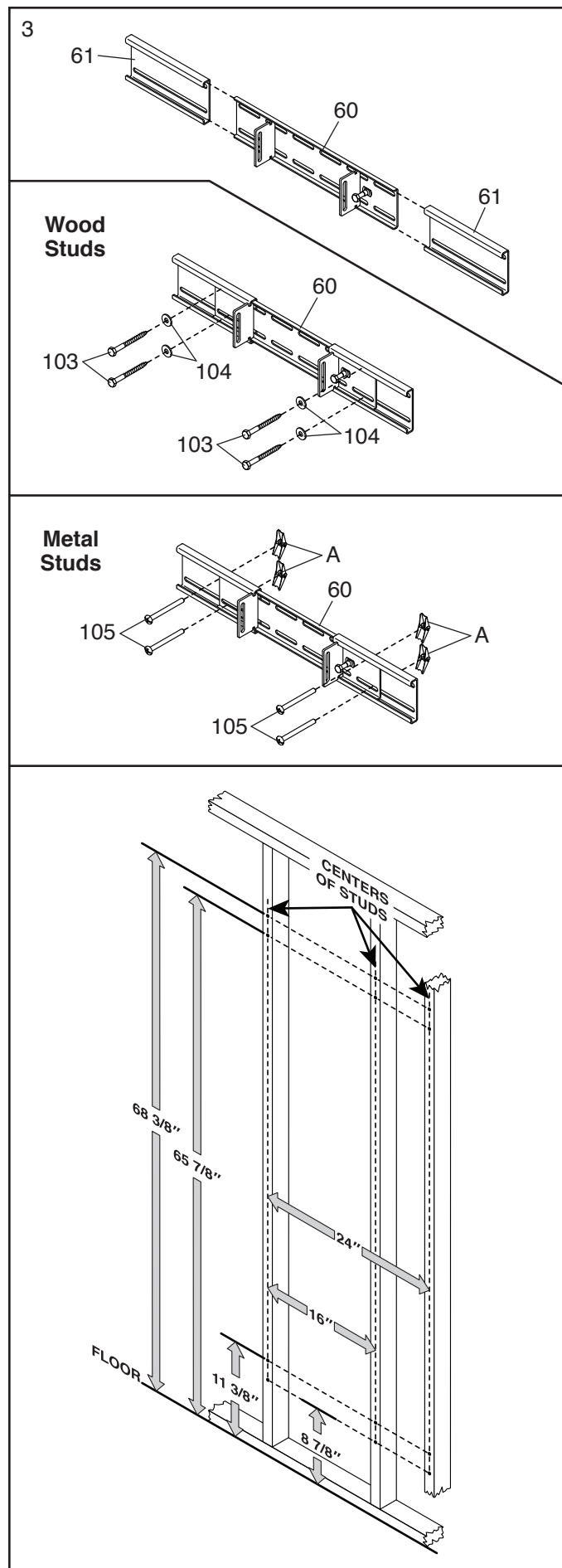
Wood Wall Studs. If you are installing the Slide Bracket (60) assembly in wood wall studs, see the second drawing. Locate the 3/8" x 3" Screws (103) and the 3/8" x 1 1/4" Washers (104). Align a Slide Bracket assembly with two sets of pilot holes. Using your ratchet or drill, tighten four Screws with four Washers into the Slide Bracket assembly and the pilot holes. **Start all the Screws, and then fully tighten them.**

Metal Wall Studs. If you are installing the Slide Bracket (60) assembly in metal wall studs, see the third drawing. Locate the M10 x 100mm Toggle Bolts (105). Align a Slide Bracket assembly with two sets of pilot holes. Using your ratchet or drill, tighten four Toggle Bolts into the Slide Bracket assembly and the pilot holes; **make sure to orient the Toggle Bolts so that the wings (A) will open vertically.** **Start all the Toggle Bolts, and then fully tighten them.**

Repeat these actions for the other Slide Bracket (60) assembly.

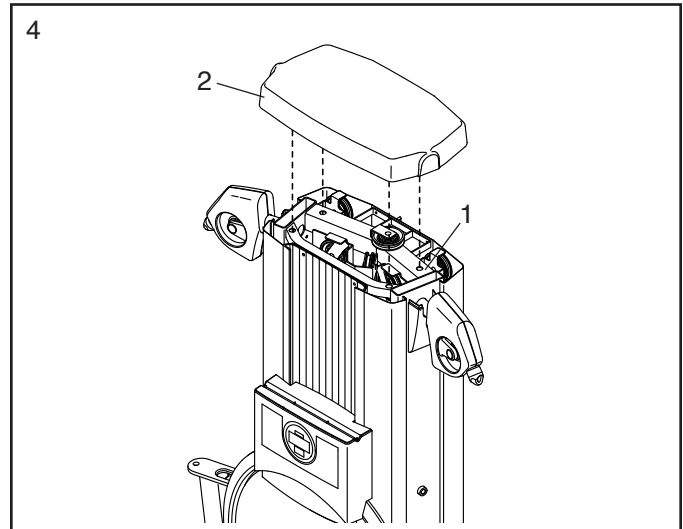
Make sure that each Slide Bracket (60) is flush with the wall and that the 3/8" x 3" Screws (103) or the M10 x 100mm Toggle Bolts (105) are firmly tightened. Pull firmly on each Slide Bracket. There must not be any movement or pull in the Slide Brackets.

Then, go to step 4.



Strength System Assembly

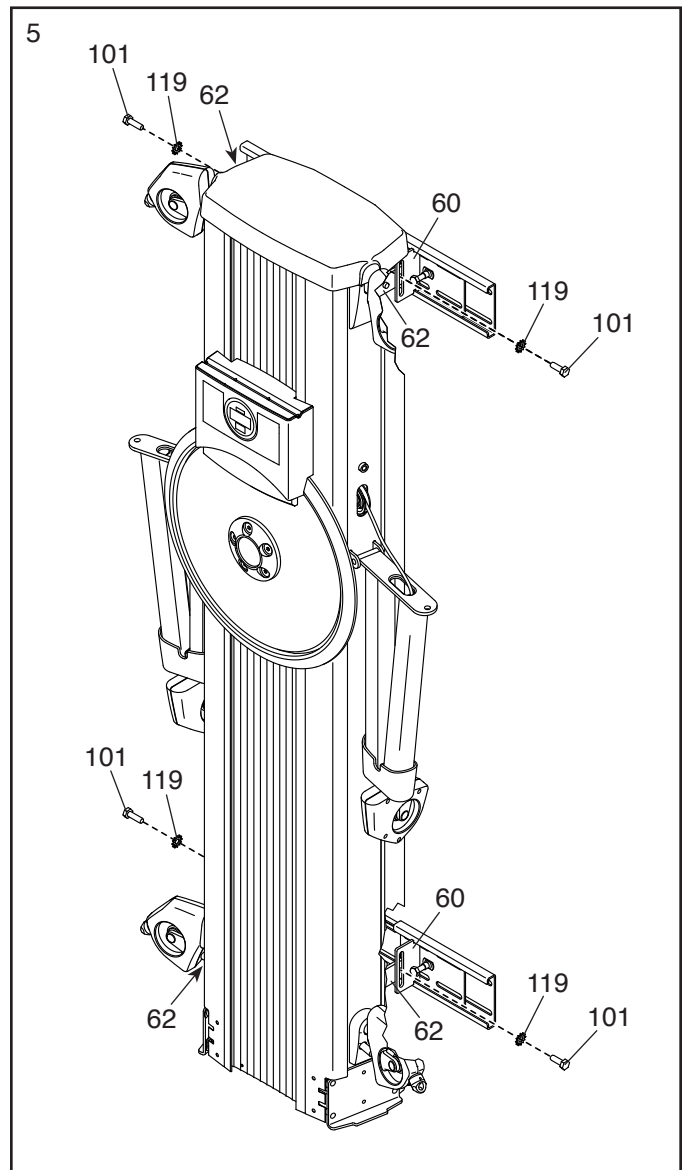
4. Orient the Tower Top Cover (2) as shown, and press it onto the top of the Frame (1).



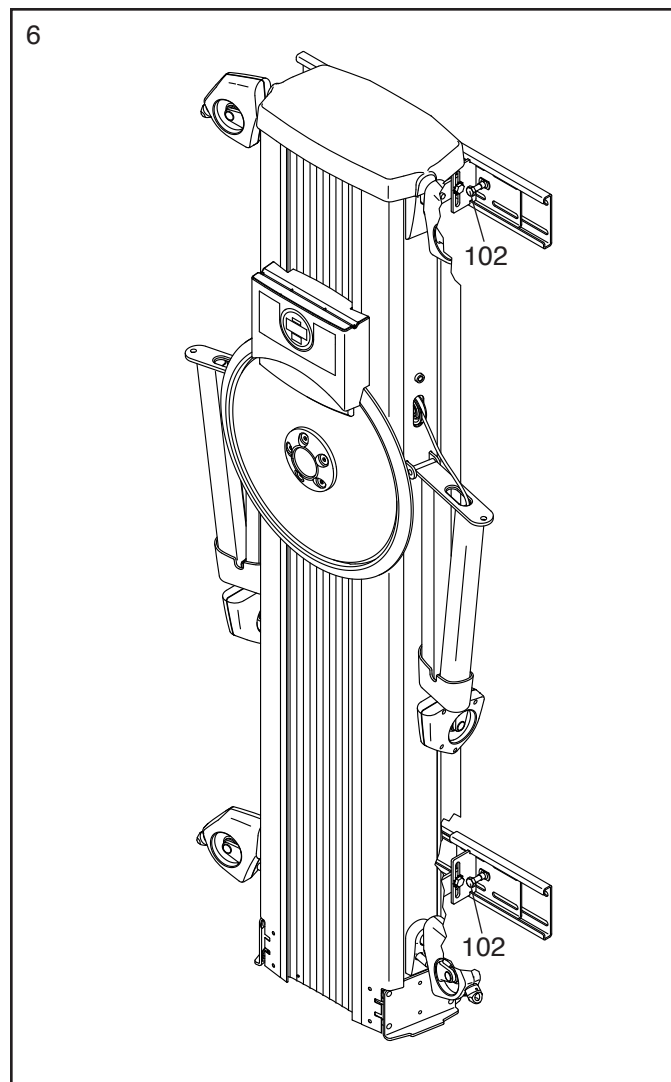
5. With the help of one or two other persons, move the strength system near the wall and align the four Tower Brackets (62) on the strength system with the two Slide Brackets (60) on the wall. **Tip: To protect the floor or carpet from damage, place a mat under the strength system.**

Tip: Do not confuse the M10 x 20mm Patch Screws (101) with the M10 x 25mm Screws (not shown).

Attach each Tower Bracket (62) to a Slide Bracket (60) with an M10 x 20mm Patch Screw (101) and an M10 Star Washer (119); **start all the Patch Screws, and then tighten them.**

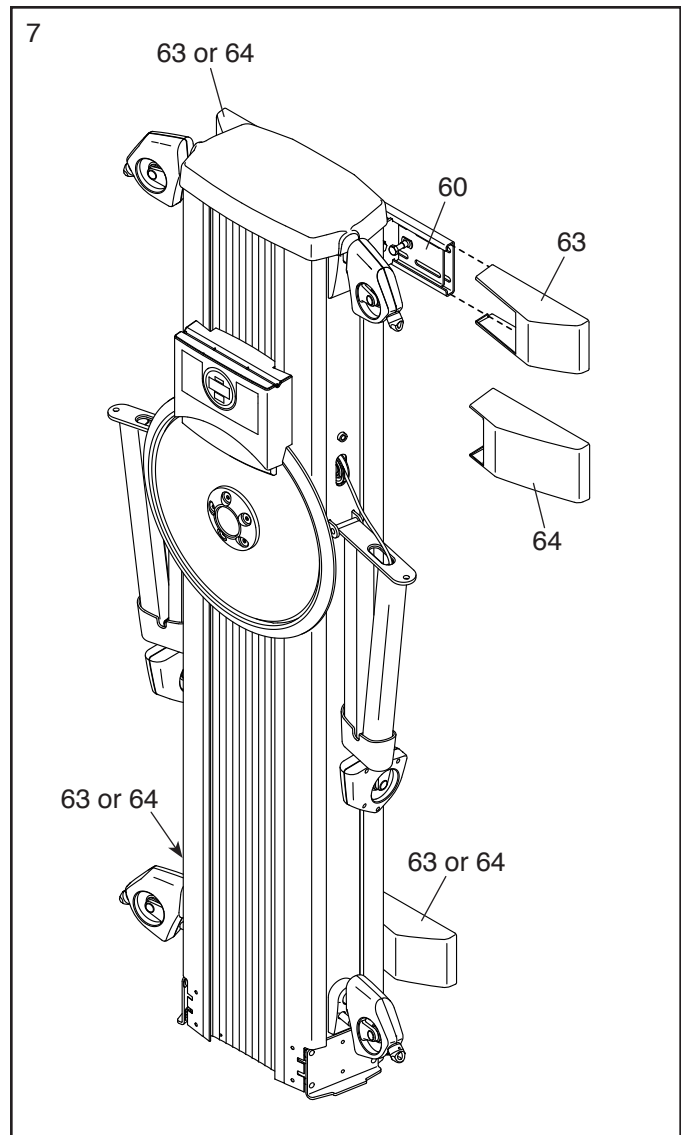


6. Firmly tighten the four indicated M10 x 20mm Bolts (102) (only one side is shown).



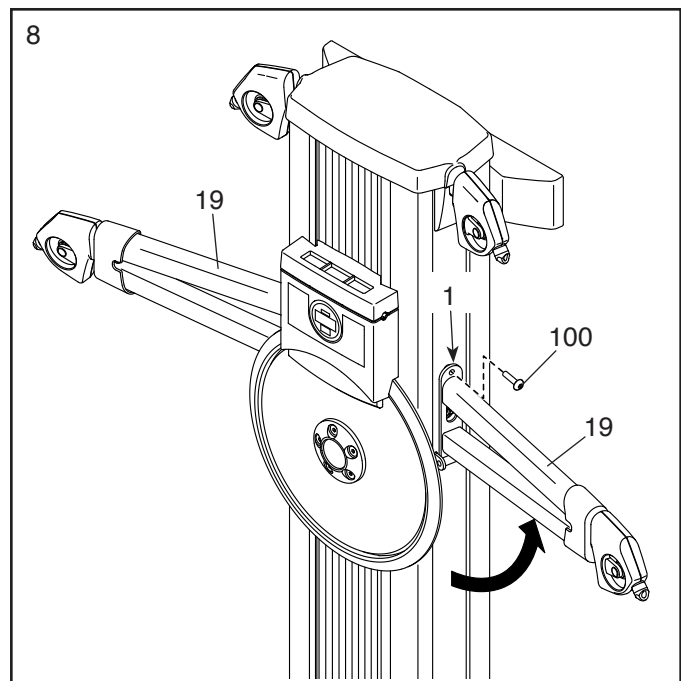
7. Identify the four Slide Covers (63) and the four Wall Covers (64). **Slide the Slide Cover or the Wall Cover that best fits onto each Slide Bracket (60).**

Note: Save the unused Slide Covers (63) or Wall Covers (64) in case you need to mount the strength system differently in the future.



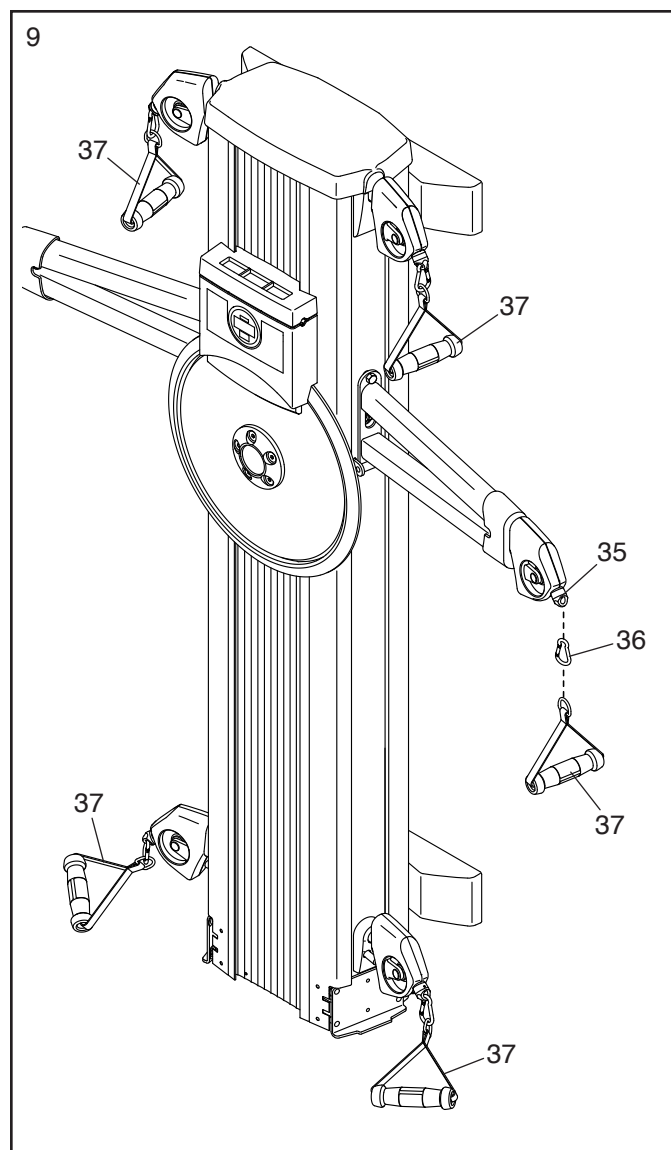
8. **Tip: Avoid pinching the Rope (not shown).** With the help of another person, pivot the right Tower Arm (19) upward and secure it to the Frame (1) with an M10 x 30mm Screw (100).

Repeat this step for the left Tower Arm (19).



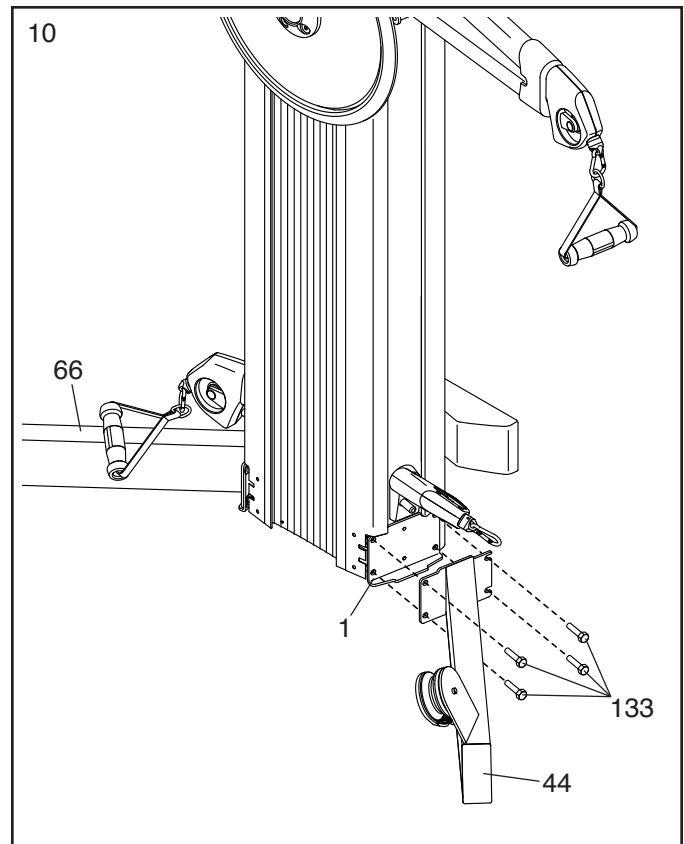
9. Attach a Handle (37) to a Rope End (35) with a Clip (36).

Attach the other Handles (37) in the same way.

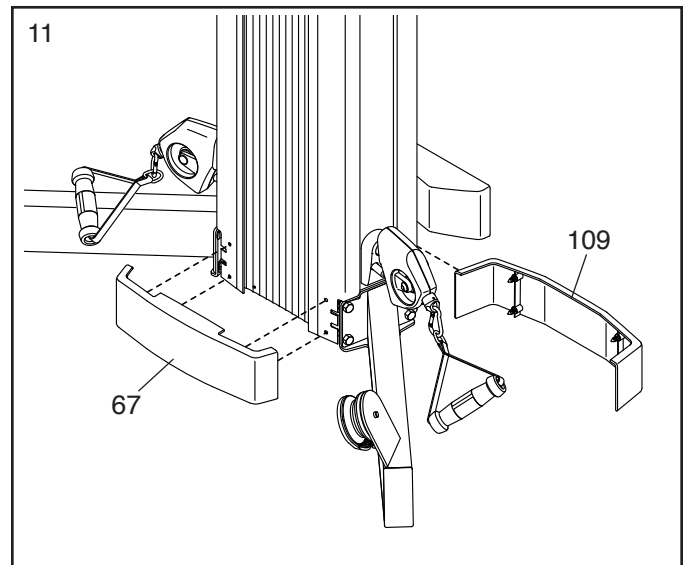


10. Attach the Right Squat Leg (44) to the right side of the Frame (1) with four M10 x 25mm Hex Screws (133); **start all the Hex Screws, and then tighten them.**

Attach the Left Squat Leg (66) in the same way.

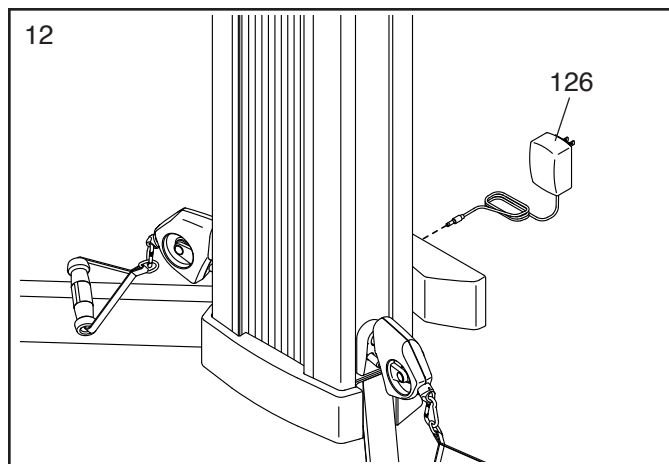


11. Identify the Front and Rear Bottom Covers (67, 109) and press them into place as shown.



12. Plug the Power Adapter (126) into the receptacle on the rear of the strength system.

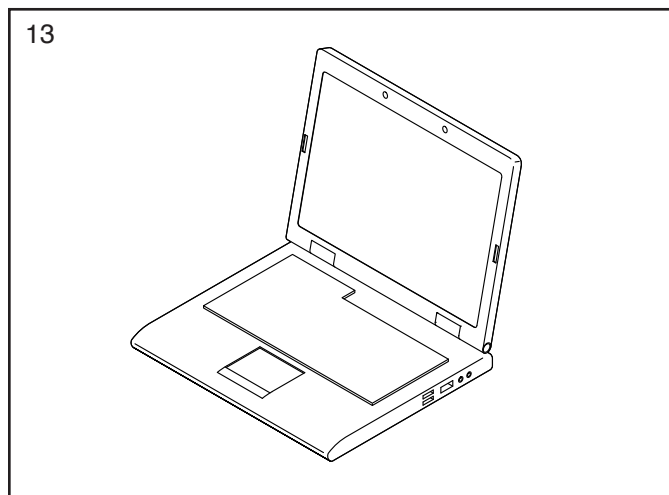
Note: To plug the Power Adapter (126) into an outlet, see HOW TO PLUG IN THE POWER ADAPTER on page 18.



13. **Go to my.nordictrack.com on your computer and register your product.**

- documents your ownership
- activates your warranty
- ensures priority customer support if assistance is ever needed

Note: If you do not have internet access, call Customer Care (see the front cover of this manual) and register your product.



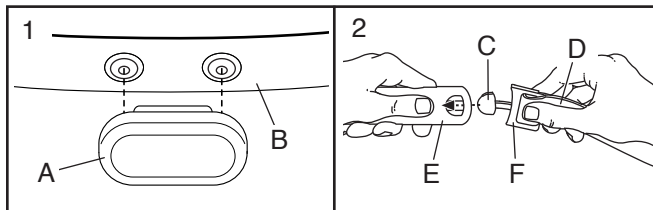
14. **Make sure that all parts have been properly tightened.** The use of the remaining parts will be explained in HOW TO USE THE STRENGTH SYSTEM, beginning on page 18.

Before using the strength system, pull each handle a few times to make sure that the ropes move smoothly around the pulleys. If one of the ropes does not move smoothly, find and correct the problem.

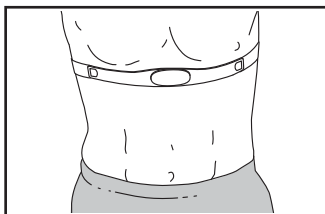
THE CHEST HEART RATE MONITOR

HOW TO PUT ON THE HEART RATE MONITOR

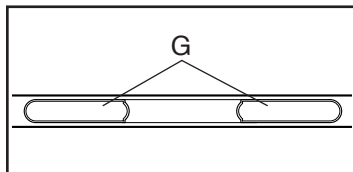
If the heart rate monitor looks like the one shown in **drawing 1**, press the transmitter (A) onto the snap fasteners on the chest strap (B). If the heart rate monitor looks like the one shown in **drawing 2**, insert the tab (C) on one end of the chest strap (D) into one end of the transmitter (E). Then, press the end of the transmitter under the buckle (F) on the chest strap; the tab should be flush with the transmitter.



Next, wrap the heart rate monitor around your chest in the location shown; the heart rate monitor must be under your clothes, tight against your skin. Make sure that the logo is right-side-up. Then, attach the other end of the chest strap. Adjust the length of the chest strap, if necessary.



Next, pull the transmitter and the chest strap away from your body a few inches and locate the two electrode areas (G). Using saliva or contact lens solution, wet the electrode areas. Then, return the transmitter and the chest strap to a position against your chest.



CARE AND MAINTENANCE

- Thoroughly dry the electrode areas with a soft towel after each use. Moisture may keep the heart rate monitor activated, shortening the life of the battery.

- Store the heart rate monitor in a warm, dry place. Do not store the heart rate monitor in a plastic bag or other container that may trap moisture.
- Do not expose the heart rate monitor to direct sunlight for extended periods of time, and do not expose it to temperatures above 122°F (50°C) or below 14°F (-10°C).
- Do not excessively bend or stretch the heart rate monitor when using or storing it.
- To clean the transmitter, use a damp cloth and a small amount of mild soap. Then, wipe the transmitter with a damp cloth and thoroughly dry it with a soft towel. Never use alcohol, abrasives, or chemicals to clean the transmitter. Hand wash and air dry the chest strap.

TROUBLESHOOTING

- If the heart rate monitor does not function when positioned as described at the left, move it slightly lower or higher on your chest.
- If heart rate readings are not displayed until you begin perspiring, re-wet the electrode areas.
- For the console to display heart rate readings, you must be within arm's length of the console.
- If there is a battery cover on the back of the transmitter, replace the battery with a new battery of the same type.
- The heart rate monitor is designed to work with people who have normal heart rhythms. Heart rate reading problems may be caused by medical conditions such as premature ventricular contractions (pvc's), tachycardia bursts, and arrhythmia.
- The operation of the heart rate monitor can be affected by magnetic interference from high power lines or other sources. If you suspect that magnetic interference is causing a problem, try relocating the fitness equipment.

HOW TO USE THE STRENGTH SYSTEM

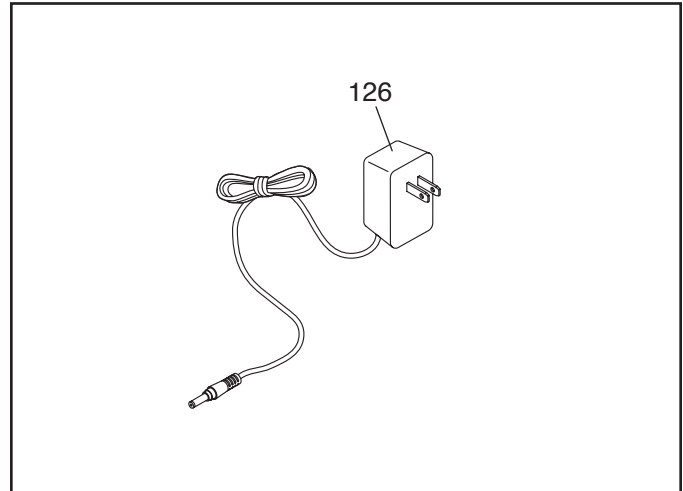
This section explains how to adjust the strength system. See the EXERCISE GUIDELINES on page 25 and page 26 for important information about how to get the most benefit from your exercise program. Also, refer to the accompanying exercise guide to see the correct form for each exercise.

Make sure that all parts are properly tightened each time the strength system is used. Replace any worn parts immediately.

HOW TO PLUG IN THE POWER ADAPTER

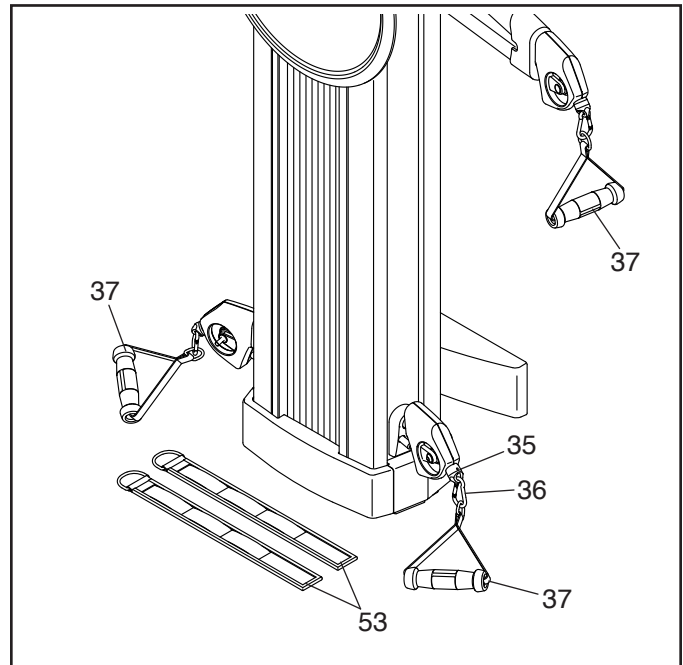
IMPORTANT: If the strength system has been exposed to cold temperatures, allow it to warm to room temperature before you plug in the Power Adapter (126). If you do not do this, you may damage the console displays or other electronic components.

Plug the Power Adapter (126) into the receptacle on the rear of the strength system. Then, plug the Power Adapter into an appropriate outlet that is properly installed in accordance with all local codes and ordinances.



HOW TO ATTACH THE HANDLES AND ANKLE STRAPS

Attach a Handle (37) or an Ankle Strap (53) to a Rope End (35) with a Clip (36). **Attach the other Handles or Ankle Strap in the same way.**



HOW TO USE THE TABLET HOLDER

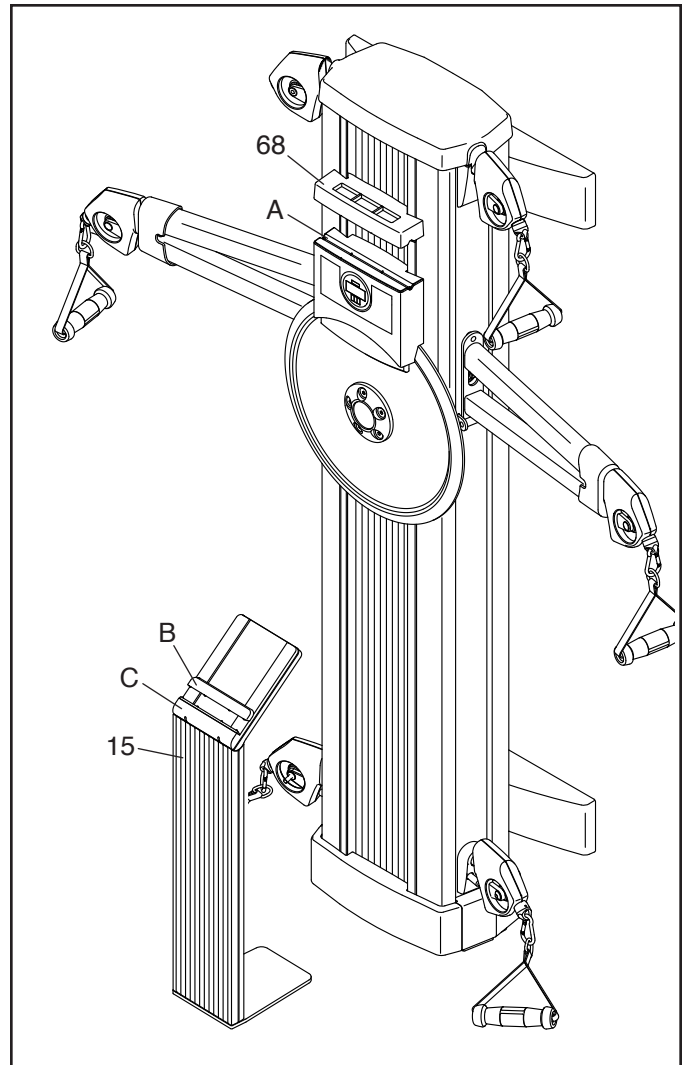
IMPORTANT: The Tablet Holder (68) is designed for use with most full-size tablets. Do not place any other electronic device or object in the Tablet Holder. Do not set anything on top of the Tablet Holder.

To insert a tablet into the Tablet Holder (68), slide it upward, set the tablet in the tray (A), and then pull the Tablet Holder downward over the top edge of the tablet. **Make sure that the tablet is firmly secured in the Tablet Holder.** Reverse these actions to remove the tablet from the Tablet Holder.

HOW TO USE THE TABLET STAND

IMPORTANT: The Tablet Stand (15) is designed for use with most full-size tablets. Do not place any other electronic device or object in the Tablet Stand.

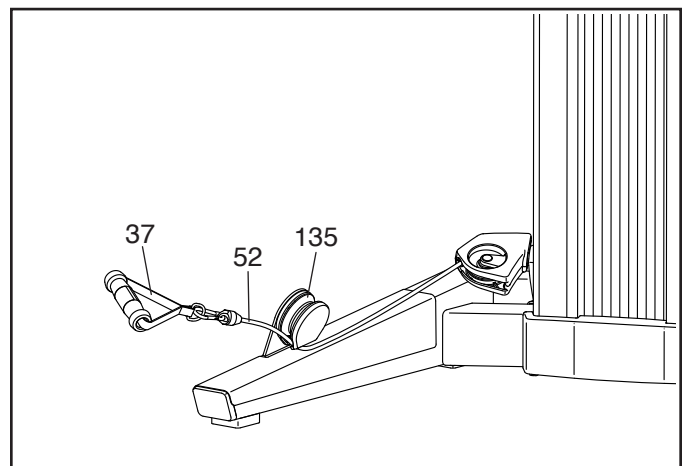
To insert a tablet into the Tablet Stand (15), lift the slide (B) upward, and then set the tablet in the tray (C). Then, pull the slide downward over the top edge of the tablet. **Make sure that the tablet is firmly secured in the Tablet Stand.** Reverse these actions to remove the tablet from the Tablet Stand.



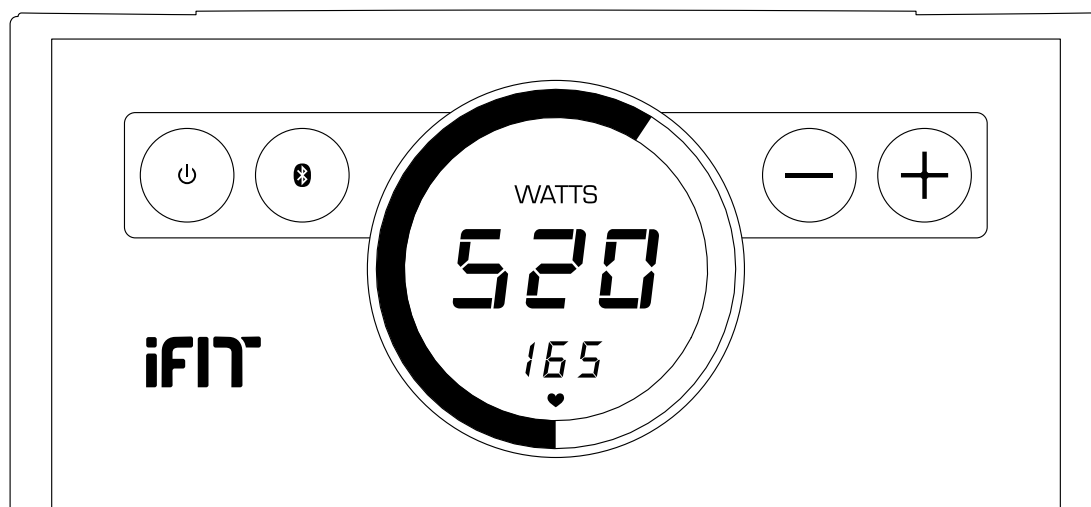
HOW TO USE THE SQUAT PULLEYS

Pull a lower Handle (37) outward and route the Rope (52) under the Squat Pulley (135); **make sure that the Rope is securely routed under the Squat Pulley.**

Repeat this action for the other Squat Pulley (not shown).



CONSOLE DIAGRAM



FEATURES OF THE CONSOLE

The advanced console offers an array of features designed to make your workouts more effective and enjoyable.

Interactive iFit App

Download the interactive iFit app to access the advanced features of your FUSION CST.

The iFit app provides you with an interactive and immersive workout experience, with high-energy, time-saving combination strength and cardio workouts led by virtual personal trainers. Each iFit workout automatically adjusts the resistance of the strength system as you exercise.

Using the iFit app, you can also record and track your workout and health information so you can see your progress towards your fitness goals.

Manual Workouts

You can also perform manual workouts with the strength system. While you exercise, you can change the resistance of the strength system with the touch of a button. The console will display continuous exercise feedback about your power output in watts.

Chest Heart Rate Monitor

During your workouts, you can measure your heart rate using the included chest heart rate monitor.

To download the iFit app, see this page. To use the console, see page 21. To connect your heart rate monitor to the console, see page 22.

Note: If there is a sheet of plastic on the display, remove the plastic.

HOW TO DOWNLOAD THE IFIT APP

On your iOS® device or Android™ tablet, open a web browser and go to **iFit.com/fusion**.

Follow the instructions on the website to download the appropriate iFit app. **Make sure that the BLUETOOTH option is enabled on your device.** Note: The iFit app for Android is available only for tablets. Some strength system models may include a tablet.

Then, open the iFit app and follow the instructions to set up an iFit account, customize settings, and get started using iFit workouts, setting goals, and tracking your progress.

HOW TO USE THE CONSOLE

1. Press the power button to turn on the console.

When you turn on the console, the display will turn on. The console will then be ready for use.

2. Begin exercising and change the resistance as desired.

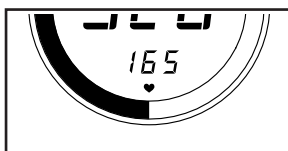
As you exercise, change the resistance by pressing the increase and decrease buttons.

Note: After you press a button, it will take a moment for the strength system to reach the selected resistance level.

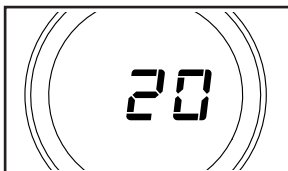
3. Follow your progress with the displays.

The console can show the following workout information:

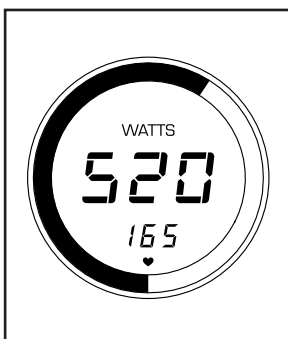
Heart Rate (heart symbol)—This display will show your heart rate in beats per minute when you wear the included chest heart rate monitor (see step 4).



Resistance—This display will show the resistance level for a few seconds each time the resistance level changes.



Watts—This display will show your approximate maximum power output in watts for each stroke.



Watts Meter—The watts meter will light up to provide a visual representation of your approximate maximum power output in watts for each stroke.

4. Wear the included chest heart rate monitor and measure your heart rate if desired.

You can wear the included chest heart rate monitor to measure your heart rate. To use the chest heart rate monitor, see THE CHEST HEART RATE MONITOR on page 17. Note: The console is compatible with all BLUETOOTH® Smart heart rate monitors.

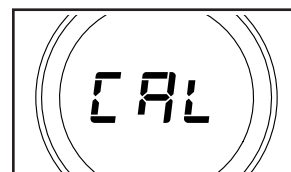
To connect your heart rate monitor to the console, see HOW TO CONNECT YOUR HEART RATE MONITOR TO THE CONSOLE on page 22.

When your heartbeat is detected, your heart rate will be shown in the display.

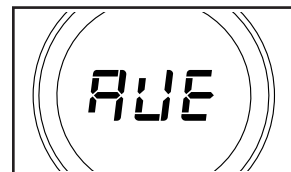
5. Stop exercising and view your exercise summary if desired.

A few moments after you stop exercising, the console will pause and show your exercise summary:

Calories (Cal)—This display will show the approximate number of calories you have burned during your workout.



Average Maximum Power Output (Ave)—This display will show your average maximum power output in watts for your workout.



Note: If you do not resume exercising after a few moments, the workout information will be reset and the display will turn off.

6. When you are finished exercising, turn off the console.

Press the power button repeatedly to turn off the console manually. The console will enter a pause mode, display the exercise summary, enter a countdown mode, and then reset the workout information and turn off the display.

If the strength system is idle for several minutes, the console will turn off automatically.

HOW TO CONNECT YOUR HEART RATE MONITOR TO THE CONSOLE

To use the included chest heart rate monitor, see THE CHEST HEART RATE MONITOR on page 17.

Note: The console is compatible with all BLUETOOTH Smart heart rate monitors.

To connect your heart rate monitor to the console, press the Bluetooth Smart button on the console; the console pairing number will appear in the display. When a connection is established, the LED on the console will flash red twice.

Note: If there is more than one compatible heart rate monitor near the console, the console will connect to the heart rate monitor with the strongest signal.

To disconnect your heart rate monitor from the console, press and hold the Bluetooth Smart button on the console until the LED on the console turns solid green.

Note: All BLUETOOTH connections between the console and other devices (including any tablets, heart rate monitors, and so forth) will be disconnected.

FCC INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC CAUTION: To assure continued compliance, use only shielded interface cables when connecting to computer or peripheral devices. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

MAINTENANCE AND TROUBLESHOOTING

HOW TO MAINTAIN THE STRENGTH SYSTEM

Regular maintenance is important for optimal performance and to reduce wear. Inspect and properly tighten all parts each time the strength system is used. Replace any worn parts immediately.

To clean the strength system, use a damp cloth and a small amount of mild detergent. **IMPORTANT: To avoid damage to the console, keep liquids away from the console and keep the console out of direct sunlight.**

CONSOLE TROUBLESHOOTING

If the console does not turn on, make sure that the power adapter is fully plugged in.

If the console does not display your heart rate when you use the chest heart rate monitor, see TROUBLESHOOTING on page 17.

If a replacement power adapter is needed, call the telephone number on the cover of this manual. IMPORTANT: To avoid damaging the console, use only a manufacturer-supplied regulated power adapter.

HOW TO ADJUST THE REED SWITCH

If the console does not display correct feedback, the reed switch should be adjusted.

To adjust the reed switch, **first unplug the power adapter**, and then follow the steps below.

See assembly step 11 on page 15. Remove the Front and Rear Bottom Covers (67, 109) from the bottom of the strength system.

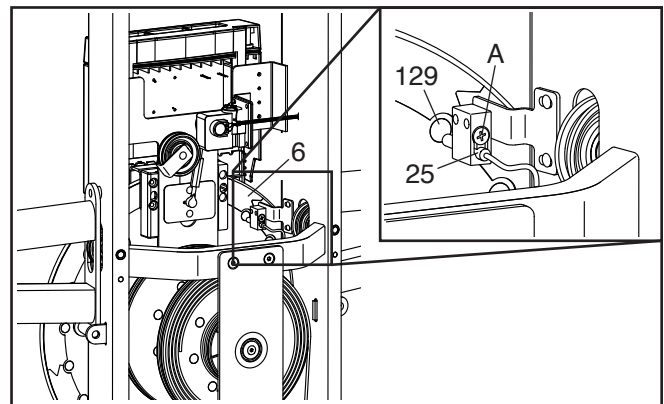
See assembly step 7 on page 13. Remove the four Slide Covers (63) or Wall Covers (64) from the Slide Brackets (60).

See assembly step 6 on page 12. Loosen the four M10 x 20mm Bolts (102).

See assembly step 5 on page 11. Remove the four M10 x 20mm Patch Screws (101) and M10 Star Washers (119) from the four Tower Brackets (62). Then, with the help of one or two other persons, move the strength system away from the wall.

See EXPLODED DRAWING B on page 31. Identify the Rear Shroud (59). Remove the four #8 x 3/4" Screws (86) and the Rear Shroud from the strength system.

Next, locate the Reed Switch (25). Slightly loosen the indicated Screw (A).



Then, rotate the Resistance Disc (6) until a Magnet (129) is aligned with the Reed Switch (25). Slide the Reed Switch slightly toward or away from the Magnet. Then, retighten the Screw (A).

Plug in the power adapter and rotate the Resistance Disc (6) for a moment. Repeat these actions until the console displays correct feedback.

When the reed switch is correctly adjusted, reattach the rear shroud. Next, see assembly steps 5 to 7 and reattach the strength system to the brackets. Then, see assembly step 11 and reattach the covers. Plug in the power adapter.

HOW TO TIGHTEN THE ROPES

The ropes may stretch over time. If there is slack in the ropes before resistance is felt, the ropes should be tightened. To tighten the ropes, **first unplug the power adapter**, and then follow the steps below.

See assembly step 11 on page 15. Remove the Front and Rear Bottom Covers (67, 109) from the bottom of the strength system.

See assembly step 7 on page 13. Remove the four Slide Covers (63) or Wall Covers (64) from the Slide Brackets (60).

See assembly step 6 on page 12. Loosen the four M10 x 20mm Bolts (102).

See assembly step 5 on page 11. Remove the four M10 x 20mm Patch Screws (101) and M10 Star Washers (119) from the four Tower Brackets (62). Then, with the help of one or two other persons, move the strength system away from the wall.

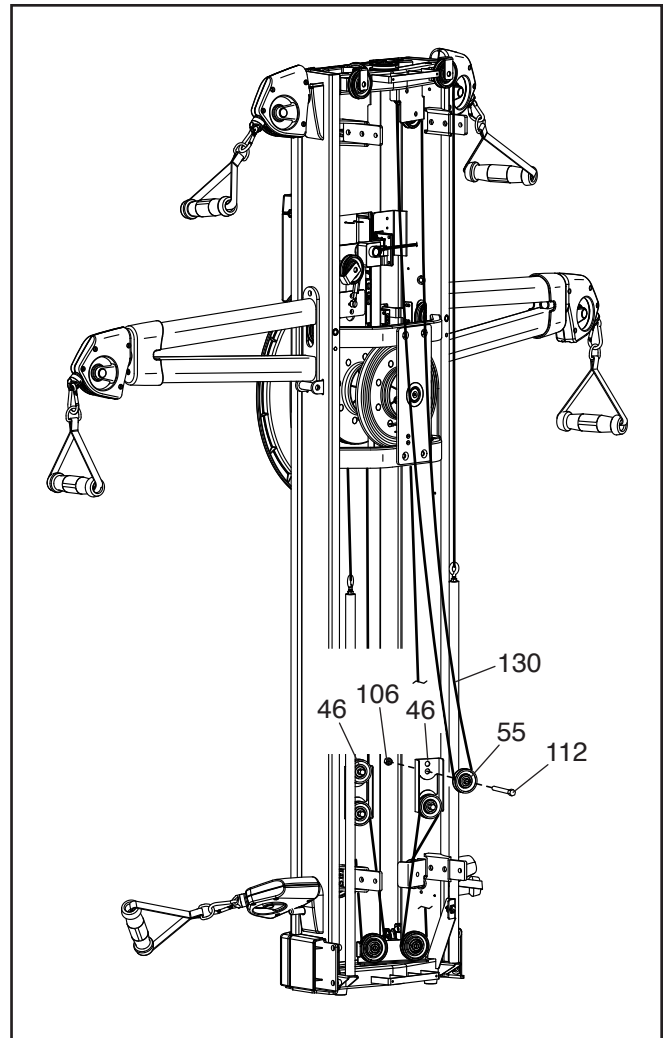
See EXPLODED DRAWING B on page 31. Identify the Rear Shroud (59). Remove the four #8 x 3/4" Screws (86) and the Rear Shroud from the strength system.

See the drawing at the right. Locate a Pulley Carriage (46). Remove the M8 Jam Nut (106), the M8 x 33mm Bolt (112), and the Small Pulley (55) from the upper hole in the Pulley Carriage.

Reattach the Small Pulley (55) to the other hole in the Pulley Carriage (46). **Make sure that the Rope (130) and the Small Pulley move smoothly.**

Locate the other Pulley Carriage (46) and repeat these actions.

Next, see assembly steps 5 to 7 and reattach the strength system to the brackets. Then, see assembly step 11 and reattach the covers. Plug in the power adapter.



CARDIO EXERCISE GUIDELINES

⚠️ WARNING: Before beginning this or any exercise program, consult your physician. This is especially important for persons over age 35 or persons with pre-existing health problems.

The heart rate monitor is not a medical device. Various factors may affect the accuracy of heart rate readings. The heart rate monitor is intended only as an exercise aid in determining heart rate trends in general.

These guidelines will help you to plan your exercise program. For detailed exercise information, obtain a reputable book or consult your physician. Remember, proper nutrition and adequate rest are essential for successful results.

EXERCISE INTENSITY

Whether your goal is to burn fat or to strengthen your cardiovascular system, exercising at the proper intensity is the key to achieving results. You can use your heart rate as a guide to find the proper intensity level. The chart below shows recommended heart rates for fat burning and aerobic exercise.

165	155	145	140	130	125	115	♥
145	138	130	125	118	110	103	♥
125	120	115	110	105	95	90	♥
20	30	40	50	60	70	80	

To find the proper intensity level, find your age at the bottom of the chart (ages are rounded off to the nearest ten years). The three numbers listed above your age define your “training zone.” The lowest number is the heart rate for fat burning, the middle number is the heart rate for maximum fat burning, and the highest number is the heart rate for aerobic exercise.

Burning Fat—To burn fat effectively, you must exercise at a low intensity level for a sustained period of time. During the first few minutes of exercise, your body uses carbohydrate calories for energy. Only after the first few minutes of exercise does your body begin to use stored fat calories for energy. If your goal is to burn fat, adjust the intensity of your exercise until your heart rate is near the lowest number in your training zone. For maximum fat burning, exercise with your heart rate near the middle number in your training zone.

Aerobic Exercise—If your goal is to strengthen your cardiovascular system, you must perform aerobic exercise, which is activity that requires large amounts of oxygen for prolonged periods of time. For aerobic exercise, adjust the intensity of your exercise until your heart rate is near the highest number in your training zone.

WORKOUT GUIDELINES

Warming Up—Start with 5 to 10 minutes of stretching and light exercise. A warm-up increases your body temperature, heart rate, and circulation in preparation for exercise.

Training Zone Exercise—Exercise for 20 to 30 minutes with your heart rate in your training zone. (During the first few weeks of your exercise program, do not keep your heart rate in your training zone for longer than 20 minutes.) Breathe regularly and deeply as you exercise; never hold your breath.

Cooling Down—Finish with 5 to 10 minutes of stretching. Stretching increases the flexibility of your muscles and helps to prevent post-exercise problems.

EXERCISE FREQUENCY

To maintain or improve your condition, complete three workouts each week, with at least one day of rest between workouts. After a few months of regular exercise, you may complete up to five workouts each week, if desired. Remember, the key to success is to make exercise a regular and enjoyable part of your everyday life.

STRENGTH EXERCISE GUIDELINES

FOUR TYPES OF STRENGTH WORKOUTS

Note: A “repetition” is one complete cycle of an exercise, such as one sit-up. A “set” is a series of repetitions.

Muscle Building—Work your muscles near their maximum capacity and progressively increase the intensity of your exercise. Adjust the intensity level of an individual exercise as follows:

- Change the amount of resistance used.
- Change the number of repetitions or sets performed.

Use your own judgment to determine the amount of resistance that is right for you. Begin with 3 sets of 8 repetitions for each exercise you perform. Rest for 3 minutes after each set. When you can complete 3 sets of 12 repetitions without difficulty, increase the amount of resistance.

Toning—Tone your muscles by working them to a moderate percentage of their capacity. Select a moderate amount of resistance and increase the number of repetitions in each set. Complete as many sets of 15 to 20 repetitions as possible without discomfort. Rest for 1 minute after each set. Work your muscles by completing more sets rather than by using high amounts of resistance.

Weight Loss—To lose weight, use a low amount of resistance and increase the number of repetitions in each set. Exercise for 20 to 30 minutes, resting for a maximum of 30 seconds between sets.

Cross Training—Combine strength training and aerobic exercise by following this type of program:

- Strength training workouts on Monday, Wednesday, and Friday.
- 20 to 30 minutes of aerobic exercise on Tuesday and Thursday.
- One full day of rest each week to give your body time to regenerate.

WORKOUT GUIDELINES

Familiarize yourself with the equipment and learn the proper form for each exercise. Use your own judgment

to determine the appropriate length of time for each workout, and the numbers of repetitions and sets to complete. Progress at your own pace and be sensitive to your body’s signals. Follow each workout with at least one day of rest.

Warming Up—Start with 5 to 10 minutes of stretching and light exercise. A warm-up increases your body temperature, heart rate, and circulation in preparation for exercise.

Working Out—Include 6 to 10 different exercises in each workout. Select exercises for every major muscle group, emphasizing areas that you want to develop. To give balance and variety to your workouts, vary the exercises from workout to workout.

Cooling Down—Finish with 5 to 10 minutes of stretching. Stretching increases the flexibility of your muscles and helps to prevent post-exercise problems.

EXERCISE FORM

Move through the full range of motion for each exercise and move only the appropriate parts of the body. Perform the repetitions in each set smoothly and without pausing. The exertion stage of each repetition should last about half as long as the return stage. Exhale during the exertion stage of each repetition and inhale during the return stroke. Never hold your breath.

Rest for a short period of time after each set:

- Muscle Building—Rest for three minutes after each set.
- Toning—Rest for one minute after each set.
- Weight Loss—Rest for 30 seconds after each set.

STAYING MOTIVATED

For motivation, keep a record of each workout. Write the date, the exercises performed, the resistance used, and the numbers of sets and repetitions completed. Record your weight and key body measurements once a month. To achieve good results, make exercise a regular and enjoyable part of your life.

SUGGESTED STRETCHES

The correct form for several basic stretches is shown at the right. Move slowly as you stretch; never bounce.

1. Toe Touch Stretch

Stand with your knees bent slightly and slowly bend forward from your hips. Allow your back and shoulders to relax as you reach down toward your toes as far as possible. Hold for 15 counts, then relax. Repeat 3 times. Stretches: Hamstrings, back of knees and back.

2. Hamstring Stretch

Sit with one leg extended. Bring the sole of the opposite foot toward you and rest it against the inner thigh of your extended leg. Reach toward your toes as far as possible. Hold for 15 counts, then relax. Repeat 3 times for each leg. Stretches: Hamstrings, lower back and groin.

3. Calf/Achilles Stretch

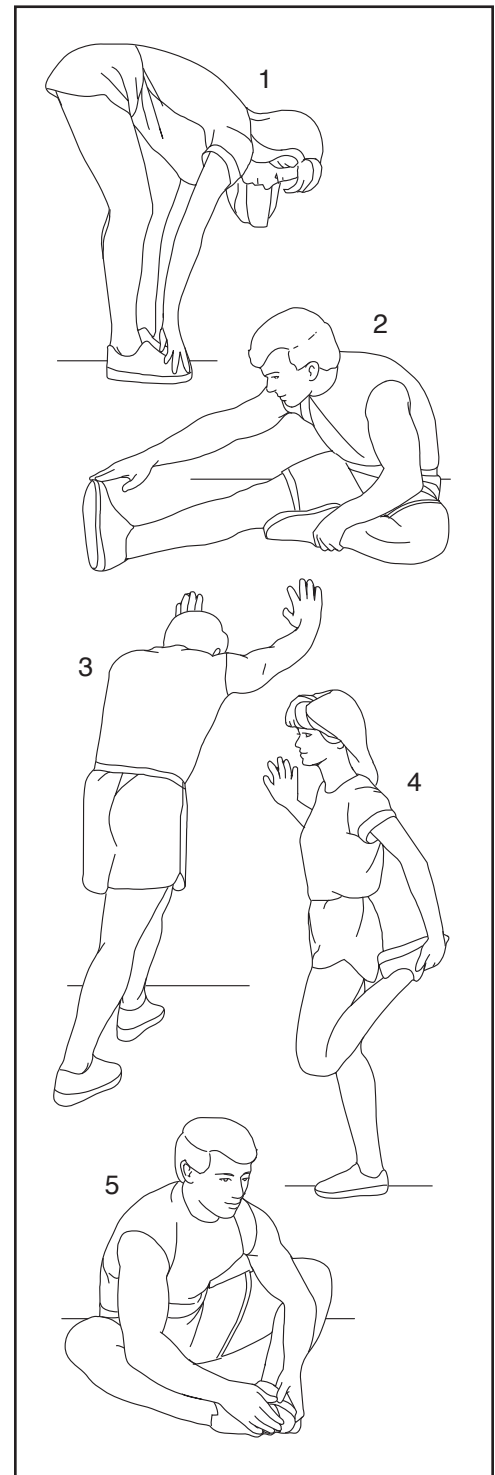
With one leg in front of the other, reach forward and place your hands against a wall. Keep your back leg straight and your back foot flat on the floor. Bend your front leg, lean forward and move your hips toward the wall. Hold for 15 counts, then relax. Repeat 3 times for each leg. To cause further stretching of the achilles tendons, bend your back leg as well. Stretches: Calves, achilles tendons and ankles.

4. Quadriceps Stretch

With one hand against a wall for balance, reach back and grasp one foot with your other hand. Bring your heel as close to your buttocks as possible. Hold for 15 counts, then relax. Repeat 3 times for each leg. Stretches: Quadriceps and hip muscles.

5. Inner Thigh Stretch

Sit with the soles of your feet together and your knees outward. Pull your feet toward your groin area as far as possible. Hold for 15 counts, then relax. Repeat 3 times. Stretches: Quadriceps and hip muscles.



PART LIST

Model No. NTSY14016.0 R1217A

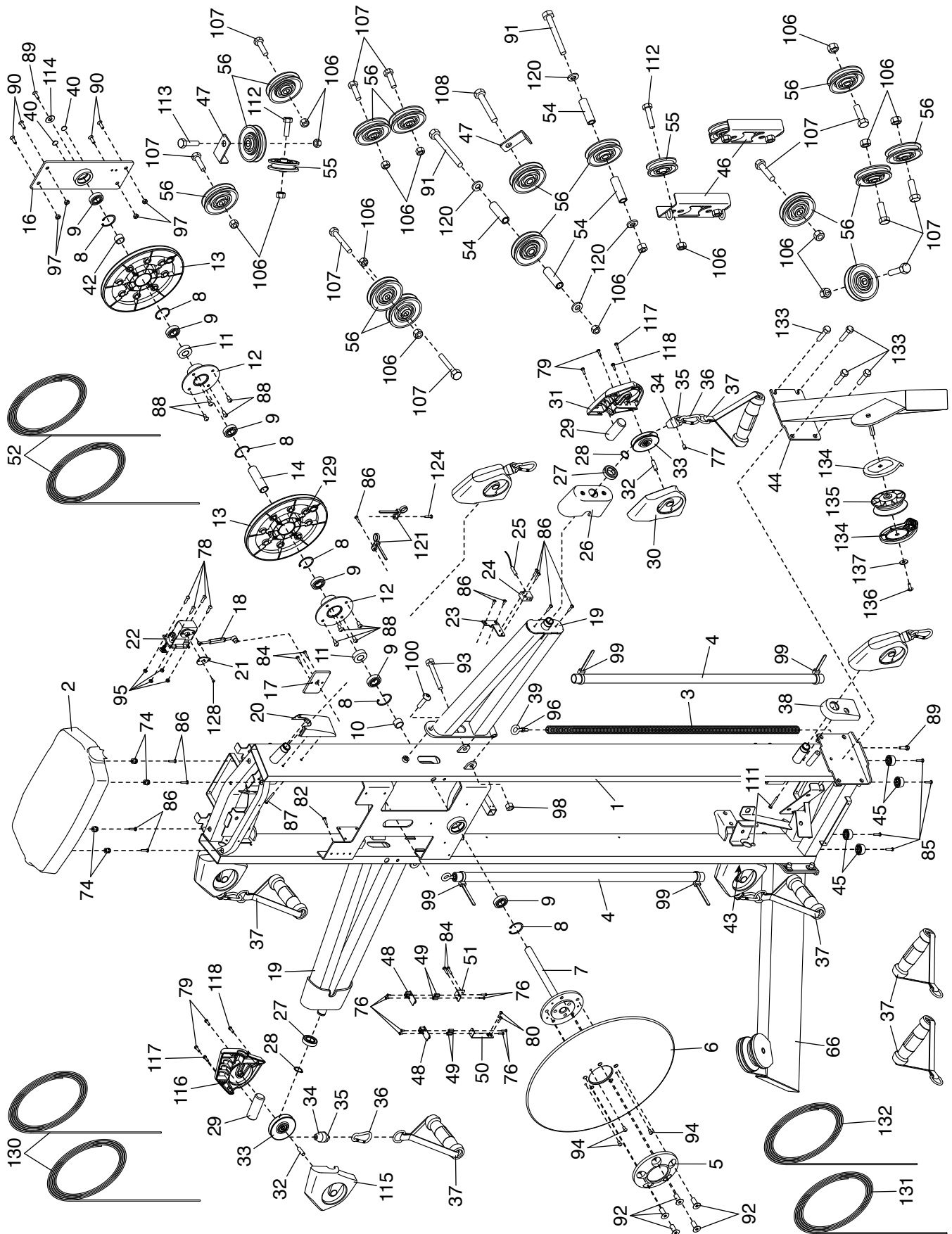
Key No.	Qty.	Description	Key No.	Qty.	Description
1	1	Frame	51	1	Short Sensor Bracket
2	1	Tower Top Cover	52	2	201" Rope
3	2	Spring	53	2	Ankle Strap
4	2	Spring Cover	54	4	Arm Pulley Spacer
5	1	Disc Cover	55	5	Small Pulley
6	1	Resistance Disc	56	15	Large Pulley
7	1	Resistance Axle	57	1	Shroud Cover
8	6	Retention Ring	58	1	Front Shroud
9	6	Main Bearing	59	1	Rear Shroud
10	1	Front Hub Spacer	60	2	Slide Bracket
11	2	Bearing Spacer	61	4	Wall Bracket
12	2	Pulley Hub	62	4	Tower Bracket
13	2	Mechanism Pulley	63	4	Slide Cover
14	1	Pulley Spacer	64	4	Wall Cover
15	1	Tablet Stand	65	1	Disc Shield
16	1	Tower Bracket	66	1	Left Squat Leg
17	1	Slide Frame Bracket	67	1	Front Bottom Cover
18	1	Resistance Arm Assembly	68	1	Tablet Holder
19	2	Tower Arm	69	1	Tablet Holder Bracket
20	2	Upper Tower Cover	70	1	Slide Frame
21	1	Resistance Disc	71	1	Magnet Bracket
22	1	Resistance Motor	72	1	Light Bar
23	1	Reed Switch Bracket	73	1	Console
24	1	Reed Switch Clamp	74	4	Snap Clip
25	1	Reed Switch/Wire	75	8	Tree Fastener
26	2	Tower Arm Cover	76	8	#4 x 6mm Screw
27	6	Swivel Bearing	77	6	M4 x 5mm Set Screw
28	6	Snap Ring	78	4	M4 x 12mm Bolt
29	6	Counterweight	79	12	M4 x 30mm Machine Screw
30	3	Right Pulley Cover A	80	2	#6 x 3/8" Screw
31	3	Right Pulley Cover B	81	2	#8 x 3/8" Screw
32	6	Swivel Pulley Axle	82	1	#8 x 1/2" Console Screw
33	6	Swivel Pulley	83	8	#8 x 1/2" Screw
34	6	Rope Collar	84	4	#8 x 5/8" Screw
35	6	Rope End	85	4	#8 x 3/4" Tek Screw
36	6	Clip	86	30	#8 x 3/4" Screw
37	6	Handle	87	4	#8 x 1 1/4" Screw
38	1	Right Tower Cover	88	8	M6 x 16mm Screw
39	2	Eyebolt	89	3	M6 x 20mm Hex Screw
40	2	Bumper	90	4	M8 x 35mm Bolt
41	1	Power Receptacle/Wire	91	2	M8 x 115mm Bolt
42	1	Rear Hub Spacer	92	5	M10 x 25mm Flat Head Screw
43	1	Left Tower Cover	93	2	M10 x 67mm Bolt
44	1	Right Squat Leg	94	3	M6 x 13mm Screw
45	4	Foot	95	4	M4 Locknut
46	2	Pulley Carriage	96	2	M6 Nut
47	2	Cable Trap	97	4	M8 Locknut
48	2	D Sensor	98	10	M10 Locknut
49	4	Standoff	99	4	Zip Tie
50	1	Tall Sensor Bracket	100	2	M10 x 30mm Screw

Key No.	Qty.	Description	Key No.	Qty.	Description
101	4	M10 x 20mm Patch Screw	121	7	Mounted Zip Tie
102	12	M10 x 20mm Bolt	122	1	Sensor Wire
103	8	3/8" x 3" Screw	123	1	Extension Wire
104	8	3/8" x 1 1/4" Washer	124	1	#8 x 5/8" Tek Screw
105	8	M10 x 100mm Toggle Bolt	125	1	Main Wire
106	19	M8 Jam Nut	126	1	Power Adapter
107	11	M8 x 30mm Bolt	127	4	#8 x 3/4" Machine Screw
108	1	M8 x 30mm Patch Screw	128	1	#6 x 3/8" Screw
109	1	Rear Bottom Cover	129	36	Magnet
110	2	#8 x 5/8" Flat Head Screw	130	2	169 1/2" Rope
111	2	#8 x 1 3/8" Screw	131	1	82" Rope
112	5	M8 x 33mm Bolt	132	1	73" Rope
113	1	M8 x 68mm Bolt	133	8	M10 x 25mm Hex Screw
114	1	M10 Washer	134	4	Guide
115	3	Left Pulley Cover A	135	2	Squat Pulley
116	3	Left Pulley Cover B	136	2	M6 x 12mm Screw
117	6	M4 x 20mm Screw	137	2	M6 Washer
118	6	M4 x 25mm Screw	138	1	Chest Heart Rate Monitor
119	4	M10 Star Washer	*	—	User's Manual
120	4	M8 Washer			

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.

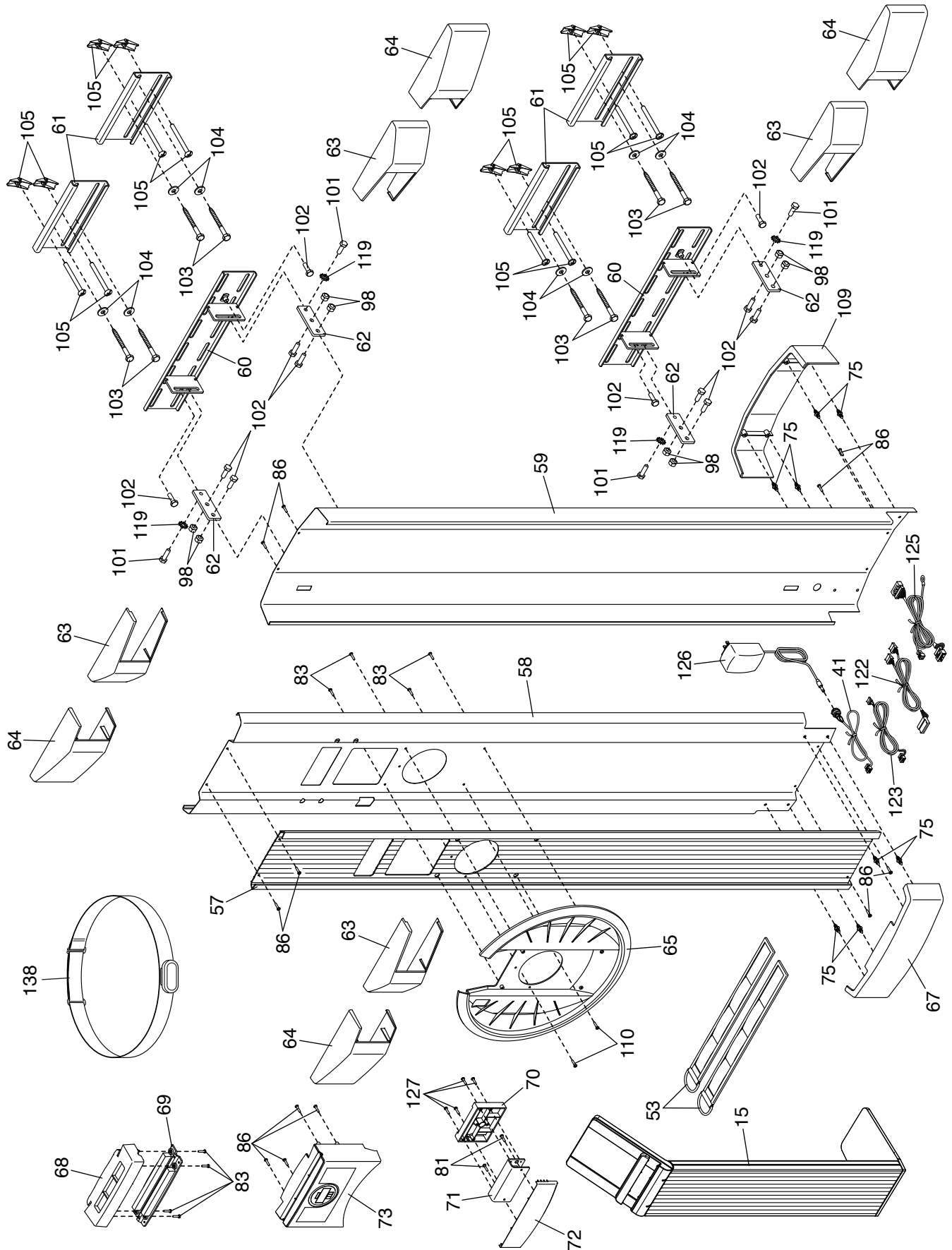
EXPLODED DRAWING A

Model No. NTSY14016.0 R1217A



EXPLODED DRAWING B

Model No. NTSY14016.0 R1217A



ORDERING REPLACEMENT PARTS

To order replacement parts, please see the front cover of this manual. To help us assist you, be prepared to provide the following information when contacting us:

- the model number and serial number of the product (see the front cover of this manual)
- the name of the product (see the front cover of this manual)
- the key number and description of the replacement part(s) (see the PART LIST and the EXPLODED DRAWING near the end of this manual)

LIMITED WARRANTY

IMPORTANT: To protect your fitness equipment with an extended service plan, see page 4.

ICON Health & Fitness, Inc. (ICON) warrants this product to be free from defects in workmanship and material, under normal use and service conditions. The frame is warranted for the lifetime of the original purchaser (customer). Parts and labor are warranted for one (1) year from the date of purchase.

This warranty extends only to the original purchaser (customer) and is not transferrable. ICON's obligation under this warranty is limited to repairing or replacing, at ICON's option, the product through one of its authorized service providers. All repairs for which warranty claims are made must be preauthorized by ICON. If replacement parts are shipped while the product is under warranty, the customer will be responsible for a minimal handling charge. For in-home service, the customer may be responsible for a minimal trip charge. This warranty does not extend to freight damage to the product. This warranty will automatically be voided by the following conditions: (1) if the product is used as a store display model, (2) if the product is purchased or transported outside the USA, (3) if all instructions and warnings in this manual are not followed, (4) if the product is abused or improperly or abnormally used, or (5) if the product is used for commercial or rental purposes. No other warranty beyond that specifically set forth above is authorized by ICON.

ICON is not responsible or liable for the following damages: (1) indirect, special, or consequential damages arising out of or in connection with the use or performance of the product; (2) damages with respect to any economic loss, loss of property, loss of revenues or profits, loss of enjoyment or use, or costs of removal or installation; or (3) other consequential damages of any kind. Some states do not allow the exclusion or limitation of incidental or consequential damages. Accordingly, the above limitation may not apply to the customer.

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 are limited in their 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 the customer. This warranty provides specific legal rights; the customer may have other rights that vary from state to state.

For warranty service, please call the telephone number on the front cover of this manual. Please be prepared to provide the model number and serial number of the product (see the front cover of this manual).

ICON Health & Fitness, Inc., 1500 S. 1000 W., Logan, UT 84321-9813