StairMaster®

CORE HEALTH & FITNESS

8Gx

OWNER'S MANUAL

CONTACT SUPPORT NOW

TABLE OF CONTENTS

IMPORTANT SAFETY INSTRUCTIONS **2**

IMPORTANT LABEL LOCATIONS **4**

PRODUCT SPECIFICATIONS **4**

PART IDENTIFICATION **6**

OPERATION - OPENHUB LCD CONSOLES **7**

CONSOLE KEY FUNCTIONS **7**

DISPLAY MEASUREMENTS **8**

BLUETOOTH DEVICE PAIRING **9**

WORKOUT SELECTION KEYS AND PROGRAM DEFINITIONS **10**

WFI TEST PROGRAM **11**

PROGRAM PROFILES **12**

OPERATION - OPENHUB TOUCHSCREEN CONSOLES **13**

SCREEN VIEWS **15**

WORKOUT SELECTION KEYS AND PROGRAM DEFINITIONS **17**

8G/8Gx MENU MAP **18**

MAINTENANCE MODE - LCD **19**

ASSEMBLY **22**

FIRST TIME SETUP **44**

OPENHUB LED **44**

MAINTENANCE **47**

TOOLS **47**

MAINTENANCE SCHEDULE **48**

REPLACEMENT PARTS **49**

9-5345 - StairMaster 8Gx **49**

SUPPORT & SERVICE **69**

To watch the installation procedure scan or click below:

QR.COREHANDF.COM/8GXINSTALL

WARNING!

Before using this product, it is essential to read the ENTIRE Owner's Manual and ALL installation instructions. The Owner's Manual describes equipment assembly and instructs members on how to use correctly and safely.

Read all warnings posted on the machine.

Health related injuries may result from incorrect or excessive use of exercise equipment. Core Health & Fitness strongly recommends you to encourage your members to discuss their health program or fitness regimen with a health care professional, especially if you or they have not exercised for several years, are over 35, or have known health conditions.

DANGER: to reduce the risk of electrical shock:

1. Always unplug the machine from the electrical outlet before cleaning or servicing.
2. This product is factory-equipped with a specific DC Power Supply to permit connection to the proper electric circuit. Make sure that the product is connected to a dedicated power line having an outlet with the same configuration as that of the plug.
3. Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the product is properly grounded. Do not modify the plug provided with the product. NO adapter should be used with this product. If the product must be reconnected for use on a different type of electric circuit, the reconnection should be made by qualified service personnel in order to avoid a hazard.
4. This machine is not intended to be serviced by the end user, refer servicing to qualified personnel only.
5. If the power supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons in order to avoid hazard.
6. Keep the cord away from heated surfaces. Unplug power cord when the machine is unattended and before performing any preventative maintenance such as cleaning or replacing a worn part.
7. Do not operate unit in damp or wet locations.

WARNING: to reduce the risk of serious injury to persons using this equipment, read and follow all of these warnings:

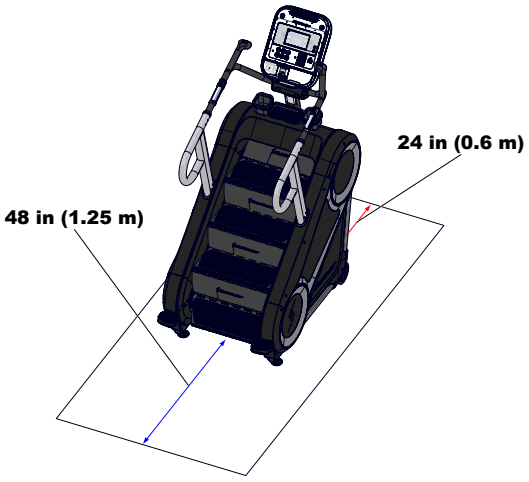


Fig. 1 Required Clearance

1. Assemble and operate the machine on a solid level surface. Position the machine with a minimum of 48 inches (1.25 meters) of clearance to allow for ease of mounting and dismounting. Allow for 24 inches (0.6 meters) of clearance behind the machine. A ceiling height of 10' (3.0 meters) is recommended to accommodate most users. These dimensions are the recommended minimum distances.

   The actual area for access and passage shall be the responsibility of the facility and should take into account this training envelope, Americans with Disabilities Act Accessibility Guidelines (ADAAG) requirements and any required local codes or regulations (www.access-board.gov/ada).

The clear safety area recommendations are accurate as of the time of this manual publication, Core Health & Fitness strongly recommends that you review the latest applicable standards from:

ASTM standards for Stationary Training Equipment (https://www.astm.org/)
and ISO standards for Stationary Training Equipment (https://www.iso.org)

2. Do not exceed the maximum allowable user weight limit of:

- 400 lbs. (181 kg.)

3. Users under 80 lbs (36 kg) will result in equipment not functioning as intended.

4. This equipment is designed for use in a commercial gymnasium or health club. It is the purchaser's sole responsibility to properly instruct its end users and supervising personnel as to the proper operating procedures of all equipment.

5. The safety and integrity of this machine can only be maintained when the equipment is regularly examined for damage and wear and repaired. It is the sole responsibility of the owner of this equipment to ensure that regular maintenance is performed.

6. Inspect equipment before each use. Replace all parts at the first sign of wear or damage. If in doubt about a certain part, **DO NOT** use the equipment until the part is replaced. Failure to replace worn or damaged parts may result in serious injury or even death.

7. Replace any "Caution", "Warning", or "Danger" labels that are illegible or damaged.

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

9. This equipment should only be used in a supervised environment.

10. Familiarize yourself with the location of the STOP buttons on the console and right handrail. If you experience difficulties during the workout, pushing the STOP button will bring the machine to a stop.

11. Children should not be allowed to use this equipment. To avoid possible injury, children should be kept at a safe distance when this equipment is in use.

12. Always wear closed toe shoes when operating this machine.

13. Serious injury is possible if caution is not used while exercising on this machine.

14. Use care when getting on or off the machine. Always use a courtesy step and handrail in tandem when ingress/digressing this machine. Do not step off of the machine while it is moving. Press the STOP button and wait for the machine to come to a complete stop before dismounting.

15. Keep body limbs, hair, and clothing clear of all moving parts. Face forward at all times and never attempt to turn around while the machine is moving.

16. Do not operate the machine if the shrouds are removed or if the power cord is damaged in any manner. Keep all air openings free from dirt or any material that would block the flow of air to the motor.

17. Do not over exert yourself during exercise. Stop exercising if you feel pain or tightness in your chest, become short of breath or feel faint. If you feel pain or experience any abnormal symptoms, stop exercising and consult your health care provider.

18. ⚠ **WARNING**: Heart rate monitoring systems may be inaccurate. Over-exercising may result in serious injury or death. If you feel faint stop exercising immediately

19. Noise emission under load is higher than without load.

SAVE THESE INSTRUCTIONS

IMPORTANT LABEL LOCATIONS

This page shows the location of the warning labels and communication stickers placed on the equipment as part of the manufacturing process. It is critical that owners maintain the integrity and placement of these stickers. If you find any stickers missing or damaged the replacement numbers are shown on the support site and following pages. See Support and Service to order replacements. Console warnings can be found in the relevant console Owner's Manual.

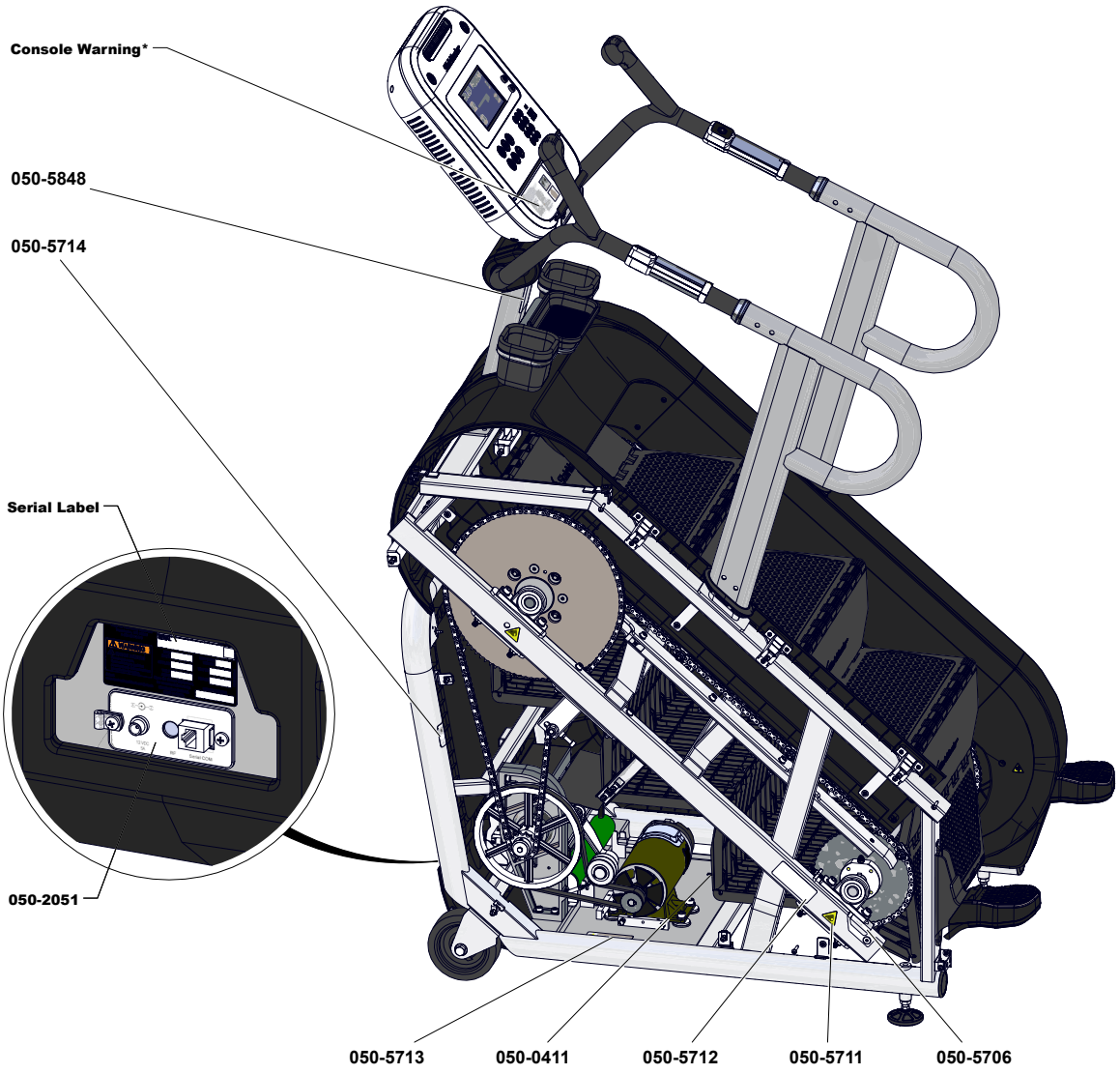


Fig. 2 8Gx shown with LCD OpenHub Console

PRODUCT SPECIFICATIONS

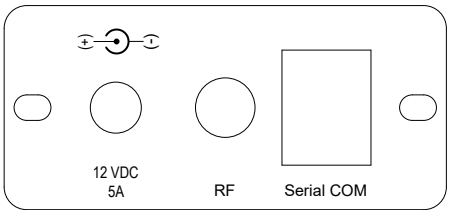
SKU: 9-5345 **Desc:** **8Gx**

Unit Weight[1]		Width		Length		Height		Max User Weight	
498	lbs	**34**	in	**58**	in	**76.7**	in	**400**	lbs
226	kg	**86**	cm	**147**	cm	**195**	cm	**181**	kg)

1 Shipping Weight: 597 lbs (271 kg)

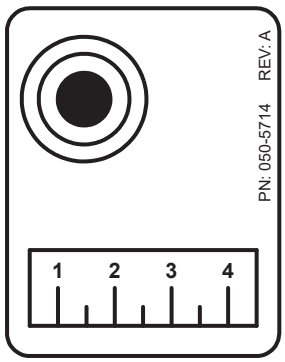
050-5711

WARNING LABEL, CHAIN PINCH



050-2051

LABEL, BASE PLATE, VLAD

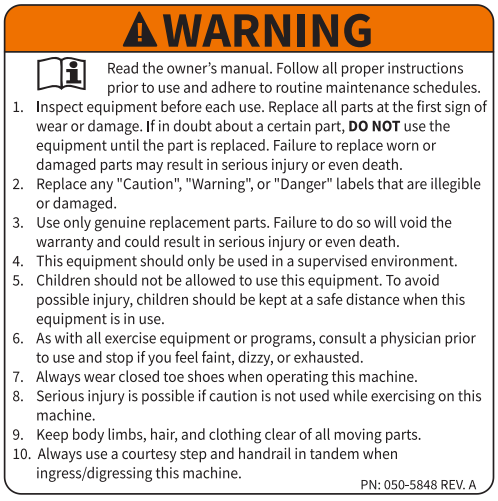


050-5714

INSTRUCTION LABEL, MEASURE POINT

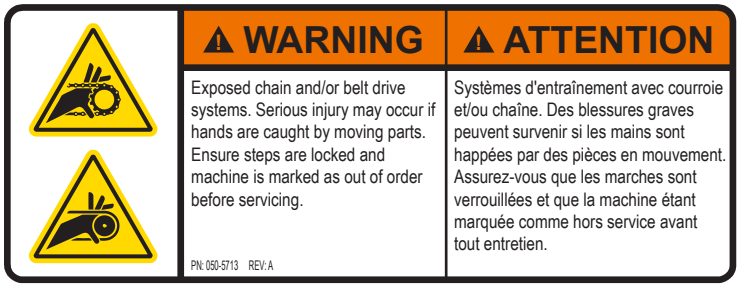
050-5712

INSTRUCTION LABEL, ADJ. EQUALLY



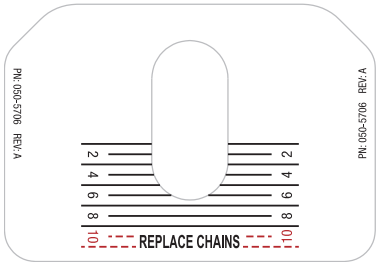
050-5848

LABEL, GENERAL WARNING, COMMERCIAL STAIRCLIMBER



050-5713

CAUTION LABEL, MOVING PARTS



050-5706

LABEL, HASH MARK, BLOCK ADJ., 10G

050-0411

LABEL, GROUND UL/CSA

Notice: images may not be to scale

PART IDENTIFICATION

Fig. 3 8Gx shown with Embedded OpenHub Console

#	Part	#	Part	#	Part
A	Console	E	Main Frame	I	Step
B	Safety Stop (Button)	F	Transport Wheel	J	Handrail
C	Phone / Cupholder	G	Leveling Foot	K	Heart Rate Grips
D	Shrouds / Housing	H	Courtesy Step		

CONSOLE KEY FUNCTIONS

QUICK START Key

Enables manual operation using a default weight, SPEED and a default time limit.

NOTE: Default time and weight are adjustable through Maintenance Mode.

STOP Button

Press the STOP button to enter pause mode. Workout will be suspended and a countdown timer will begin counting down from 2 minutes. To re-start workout press the Key. To end the workout push the STOP button again

FUNCTION NOTE: This machine has a safety feature to help prevent users from accidentally increasing the machine speed to a level that is too high for them. When pressing the level up button to increase speed, there are two stop points at level 10 and level 15 which function as follows: when increasing level, the machine will not allow the user to increase the level past the stop point until the actual machine speed has reached the set level. For example, if a user is at level 5 and repeatedly pressed the level up button, it will allow the set level to go up to level 10, but no further until the actual machine speed has reached level 10. Once the machine speed has reached the set level, the user can increase the level further.

Fig. 4 8Gx shown with LCD OpenHub Console

Fan Button

Cycles the fan between three settings: High, Low and Off

Numeric Keypad

Use to enter specific values for program parameters during program setup. During a program, these keys may be used to change level.

Up/Down Buttons

Cycle between options during setup mode, adjust level up and down during workout mode

DISPLAY MEASUREMENTS

	SPEED	Displays the current speed in Steps per Minute
	LEVEL	Displays the current level, from 1-25
	KCAL	Displays accumulated calories burned
	WATTS/METS	Alternates display of current user Watts and METS

WORKOUT PROFILE Displays profile of past and upcoming speed levels relative to one another

SEGMENT TIMER Below the Workout Profile area is a segment timer that counts down the time remaining in the current segment.

TOP DISPLAY WINDOW

The top display window includes several measures:

TIME	Current total workout time
FLOORS	Current total number of floors climbed
STEPS	Current total number of steps climbed
HEART RATE	Current HR in beats per minute, if available

BLUETOOTH DEVICE PAIRING

Bluetooth Device Pairing with Bluetooth Button: Pushing the button puts the console into discover mode. The console will be available for pairing for up to 60 seconds to pair with a compatible App. The button will flash while searching for pairing, and the display will show the unique console code. Once a device is paired with the console, the light will stop flashing and remain on to indicate the connection. Visit our website for a list of compatible Apps.

Pairing with Apple Watch: OpenHub consoles marked with this icon have the capability to connect using Near Field Communication (NFC) with Apple Watch (must be running WatchOS 4.2 or later and have option **Detect Gym Equipment** set to **On** in Watch settings for Workout App.)

Pairing with Samsung Galaxy Watch: OpenHub consoles marked with the Samsung icon also have the capability to connect with Samsung Galaxy Watch (must be running software 4.8 or later and have **NFC** set to **On**)[1].

To connect: Hold the watch near the icon on the console (this is where the NFC reader is located). When the display and watch detect each other, the Bluetooth button on the display will flash and then turn solid blue, and watch will ask user to confirm connection with the display. Once connection is confirmed by user, it will finalize and data will begin to pass between console and watch. It is possible to make this connection either before the workout begins (recommended), or at any time during an active workout. At the end of workout, the connection will be terminated.

Note: when Apple Watch is connected to display, the Calories display window will show both Active and Total Calories per Apple Watch calculations.

1 See **support.corehandf.com/Software** for version numbers and update instructions

WORKOUT SELECTION KEYS AND PROGRAM DEFINITIONS

GOAL BASED PROGRAMS

When a goal based program is selected, user will then have the option to select from a list of program profiles, see PROGRAM PROFILES section for details on the profile options

	Time Goal	Allows entry of a set workout time goal
	Calorie Goal	Allows entry of a set number of calories to burn during workout.
	Distance Goal	Allows entry of a set number floors to climb during workout (1 Floor = 16 Steps)

CONSOLE KEY FUNCTIONS

	Manual	Similar to Quick Start, but allows user to enter a time goal and weight for more accurate calorie measurement
	Landmark Challenge	Choose from 1 of 14 different famous buildings to climb
	Training Tools	Access to HR Zone Trainer

CPAT: Candidate Physical Aptitude Test, used to test firefighters in the United States. Consists of a 20 second warm up phase at 50 steps/minute, followed by a 3 minute test phase at 60 steps/minute.

HR ZONE TRAINER: Program requires telemetry HR belt. User will be asked to select a Target Heart Rate (THR). Once the workout begins, the machine will slowly increase effort level to bring user into the range of THR, and will adjust resistance automatically to keep user HR in that range. To choose a different THR at any time during the workout, use the numeric keypad to enter the new THR (between 50-190 beats/minute)

WFI TEST PROGRAM

The WFI test assesses aerobic capacity expressed as VO2max. The results are calculated and recorded in milliliters (ml) of oxygen per kilogram (kg) of body weight per minute (V02 max).

These aerobic assessments are submaximal and are based on the heart rate response during graded exercise. Accurate estimation of maximal heart rate (MHR) is critical to the submaximal prediction used in these assessments. A new formula for calculating maximal heart rate is utilized with these protocols, it more accurately accounts for age-related reduction of MHR. Be aware that the heart rate can be affected by variables such as body temperature, hydration state, anxiety, stress and medications. In addition to heart rate, body mass (height-to-weight ratio), is also a significant variable in both prediction equations. The relationship between height and weight is recorded as Body Mass Index (BMI). It is important to note that BMI is not being used in these aerobic protocols to estimate body composition; but rather, is used to represent the mass of each participant.

Test Protocol

The test starts at 46 steps/min for 2 minutes, then 53 steps/min for 1 minute (warm-up period). The test time includes the warm-up time. The test is a series of 1-minute intervals with increasing work loads on each subsequent minute.

Note: Once the test starts, the user should not maintain a hold or lean on the handrails; this will result in overestimation of aerobic capacity.

The test is complete when the heart rate exceeds the Target Heart Rate (THR) for 15 seconds. The total Test Time (TT) begins from the time the user starts on the StepMill, to the point at which the user exceeds their THR. It does not include the final 15 second qualification period that the heart rate was above the THR.

The qualification period is to verify the user's heart rate does not exceed the target, and then drop down to the THR or below for 15 seconds, if it does, then the test continues.

Once the test is completed, the user should cool down for a minimum of 2 minutes at 39 steps/min.

The test is aborted with no results if any of the following occurs:

- The user stops or pauses the workout at any point during the test.
- The key is pressed.
- The THR has not been met after 16 minutes previous work level.
- The Heart Rate signal is lost.
- The equipment malfunctions.

PROGRAM PROFILES

These profiles are selected in combination with the Goal Based programs.

Manual Profile

Manual allows you to control the speed of the machine during the workout, while accurately calculating exercise statistics based on your weight. The workout profile in the display window is divided into 20 equal intervals within the selected workout time.

Fat Burner Profile

Fat Burner is a 20-interval workout designed with moderate changes in intensity level designed to stimulate fat store assimilation for users on a weight control program. Any changes to speed during workout will change levels for rest of workout.

The Calorie Burner Profile

Calorie Burner is a 20 interval workout designed for users wanting to increase their aerobic capacity. The changes of the intensity in the program are greater than the changes in the Fat Burner program, and are designed specifically to tax the cardio respiratory system.

The profile in the center display indicates relative intensity. Any changes to speed during workout will change levels for rest of workout.

The Intervals Profile

Intervals is an interval workout containing 8 alternating rest intervals with 7 exercise intervals.

An interval cycle consists of a work phase and a rest phase. You may scale the rest intensity level and the work intensity level independently - which will be saved for the remainder of the workout.

Bell-Shaped

Profile The Bell-shaped is a 20 interval workout that steadily increases intensity for the first half of the workout, and then decreases over the second half of the workout. Any changes to Level during the workout will alter the remaining intervals in the profile by the same amount.

Build Profile

The Build is a 20 interval workout that steadily increases intensity over the course of the workout. Any changes to Level during the workout will alter the remaining intervals in the profile by the same amount.

Mystery Challenge Profile

The Mystery Challenge is a 20 interval workout with intensity changes randomly selected and applied to create a unique workout profile every time. Any changes to Level during the workout will alter the remaining intervals in the profile by the same amount.

Steady Profile

The Steady is a 20 interval workout that includes a warm-up period, then goes to a selected intensity level and remains there for the duration of the workout. Any changes to Level during the workout will alter the remaining intervals in the profile by the same amount.

OPTIONS DURING WORKOUT MODE

Changing Step Rate/Level

- Use the buttons to adjust the level up and down

Pausing Workout

- Stop stepping to enter pause mode. Workout will be suspended and a countdown timer will begin counting down from 30 seconds. To re-start workout begin stepping.

End of Workout

- When program goal is reached, or the count-down timer reaches 0 in pause mode, the workout ends and the display will show the total workout statistics and clear.

Fig. 5 8Gx Functions

CONSOLE & HANDLEBAR FUNCTIONS

	F	QUICK START Key	Enables manual operation using a default weight, SPEED and a default time limit. **NOTE:** Default time and weight are adjustable through Maintenance Mode.
	G	STOP Button	Press the STOP button to enter pause mode. Workout will be suspended and a countdown timer will begin counting down from 2 minutes. To re-start workout press the Key. To end the workout push the STOP button again
	C	Flag Button	Displays language options, appears only on home screen
	D	Unit Button	Unit toggle, appears only on home screen

H	Level Adjustment	Allows user to increase/decrease program level
A	Main Menu	Workout controls, varies by unit. See the Menu Map in the Console Manual for complete details.

BLUETOOTH DEVICE PAIRING B

Bluetooth Device Pairing with Bluetooth Button: Pushing the button puts the console into discover mode. The console will be available for pairing for up to 60 seconds to pair with a compatible App. The button will flash while searching for pairing, and the display will show the unique console code. Once a device is paired with the console, the light will stop flashing and remain on to indicate the connection. Visit our website for a list of compatible Apps.

Fig. 6

Pairing with Apple Watch E : OpenHub consoles marked with this icon have the capability to connect using Near Field Communication (NFC) with Apple Watch (must be running WatchOS 4.2 or later and have option **Detect Gym Equipment** set to **On** in Watch settings for Workout App.)

Pairing with Samsung Galaxy Watch: OpenHub consoles marked with the Samsung icon also have the capability to connect with Samsung Galaxy Watch (must be running software 4.8 or later and have **NFC** set to **On**)[1].

To connect: Hold the watch near the icon on the console (this is where the NFC reader is located). When the display and watch detect each other, the Bluetooth button on the display will flash and then turn solid blue, and watch will ask user to confirm connection with the display. Once connection is confirmed by user, it will finalize and data will begin to pass between console and watch. It is possible to make this connection either before the workout begins (recommended), or at any time during an active workout. At the end of workout, the connection will be terminated.

Note: when Apple Watch is connected to display, the Calories display window will show both Active and Total Calories per Apple Watch calculations.

1 See support.corehandf.com/software for version numbers and update instructions

SCREEN VIEWS

Fig. 7 Screen Elements

During most workouts, users can select from multiple screen view options by tapping the icons G at the bottom of screen. Screens vary by unit, all screens are shown in the Service Manual.

- Simple — Key workout stats in a large and easily readable format
- Progress — Workout stats plus graphical representation of segments
- Quick — Workout stats plus customizable buttons to select incline/speed with single button press
- Entertainment — View video from connected TV feed, or HDMI streaming from personal device
- Apps View — (networked product only) Select from a preset list of on-board Apps, including: YouTube, Facebook, Instagram, Twitter, Reddit, Pinterest, BBC, NPR (list subject to change at any time)

Fig. 8 Apps View

Other controls vary by unit:

	A	Fan Button	Cycles the fan between three settings: **High**, **Low** and **Off**
	C	Bluetooth	Button is grayed out if no device is connected to the console.
	D	Adjustment Buttons	Allows user to increase/decrease level or steps.
	E	Exit/Back	This button has the same function as pressing stop button, puts display into the pause screen.
		Wallpaper	Select to set the screen background.

Display Measurements B

Measurements are displayed at top of screen during workout, tapping any of the measurement boxes allows user to select alternative measures to display and may include the following measurements:

Calories	Active/Total calories burned Note: When connected to Apple Watch only
Cal/Hour	Current rate of calorie burn
Floors	Current floors climbed
Steps	Current steps climbed
Time	Current total workout time
Watts	Current user Watts
METS	Current user METS
Floors/Min	Current climbing speed
Heart Rate	Current HR in beats per minute, if available

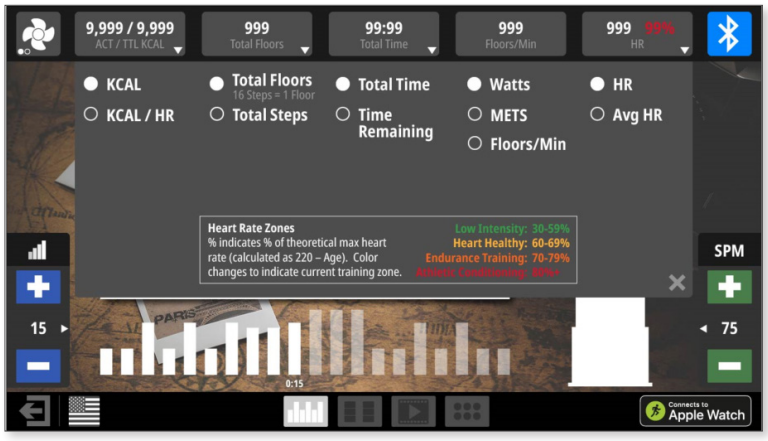


Fig. 9 Display Measurement Dropdown

WORKOUT SELECTION KEYS AND PROGRAM DEFINITIONS

On the main screen are several choices:

Quick Start Program will request user information to create more accurate calorie burn and heart rate zone calculations, then begin a fixed time (default length can be adjusted in maintenance mode) manual workout

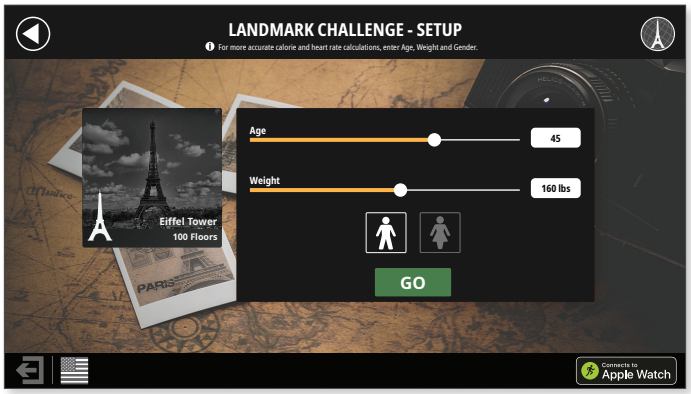


Fig. 10 Landmark Challenge

Landmark Challenge Choose from different famous buildings to climb.

Build a Workout

Custom Interval Training
Time Goal
Floor Goal
Calorie Goal
Training Tools

Fig. 11 Stairmaster Twenty

Stairmaster 20 A set of 5 different 20 minute High Intensity Interval Training (HIIT) program options, allowing users of all fitness levels to create a workout that allows them to experience the benefit of adding HIIT to their workout routine

RunTV A set of first person videos, allows users to choose from a variety of running paths to visually enhance their workout

8G/8Gx MENU MAP

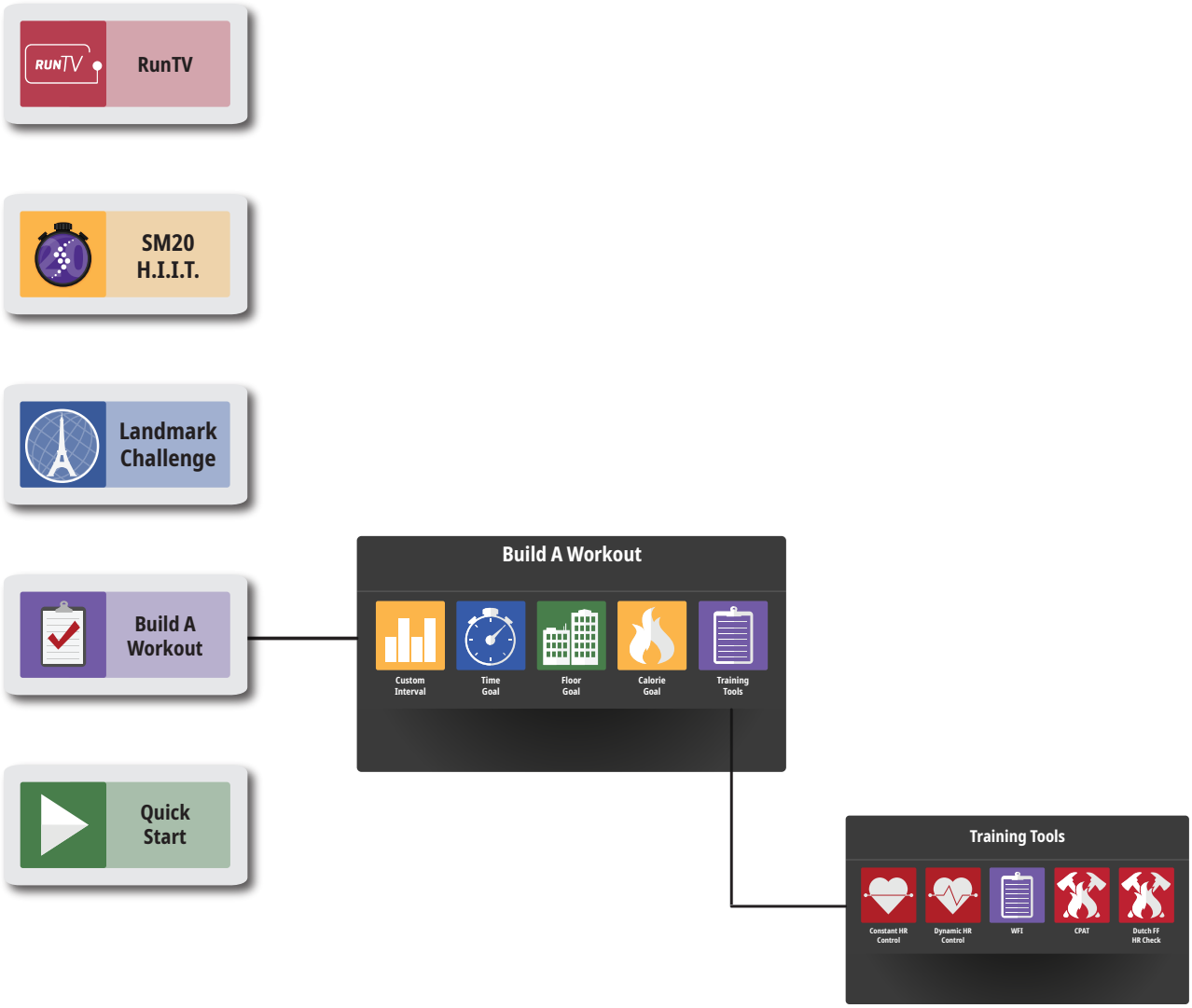


Fig. 12 8G/8Gx Menu Map

LCD OPENHUB CONSOLE

Maintenance Mode allows access to service and diagnostic information, as well as provides the ability to adjust certain program default parameters. To enter Maintenance Mode:

1. Press and hold the 0, 2 and OK keys together.
2. A beep will sound and MAINTENANCE MODE will display momentarily in the Information Window.
3. Release all keys. **SERIAL NO #####** will display.
4. Use the buttons to scroll to desired item then tap OK to select.

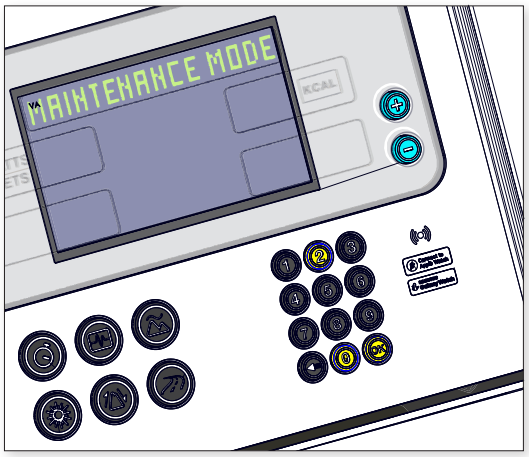


Fig. 13

The following keys are available in MAINTENANCE MODE:

⊕ ⊖	**Level Keys**	**Increase and Decrease LEVEL Keys:** Adjust the value of the displayed parameter up and down, respectively, in increments of 1 unit. These keys do not save the new value.
1 2 3 4 5 6 7 8 9 0	**Numeric Keypad**	**Numeric Keypad:** Allows you to enter specific values for numeric parameters. These keys do not save the new value.
OK	**OK Key**	Updates (saves) the values of all parameters in non-volatile memory, and exits Maintenance Mode.

NOTE: To exit Maintenance Mode without saving any values or settings, press the key.

A complete list of the items that you may display and change in Maintenance Mode:

Item	Min	Max	Default	Notes
SW VERSION	01.00	99.99	N/A	Display software version (set by factory)
LCB VERSION	01.01	99.99	N/A	Load Control Board software version (set by factory)
SERIAL #	0	65535	N/A	Serial number (set by factory)
RUN HRS	0	65535	N/A	Total operating hours
MAINT HRS	0	9999	N/A	Total operating hours since last reset
FLOORS	0	65535	N/A	Total floors climbed
UNITS (ENGLISH/METRIC)	English	Metric	English	English = pounds, feet; Metric = kilograms, meters
DEFAULT TIME (5-180)	5	180	120	Default time used by programs

Item	Min	Max	Default	Notes
WEIGHT (LBS) (50-350)	50	350	176	Default user weight used in calorie calculations if not entered by user
INTENSITY (1-9)	1	9	1	Default starting level
AGE (5-99)	5	99	40	Default user age used if not entered by user
CHR PERCENT: (10-90)	10	90	70	
LANG (ENG,,,,,,)	N/A	N/A	English	Language is English (ENGL), Dutch (DUTC), French (FREN), German (GERM), Portuguese (PORT), Spanish (SPAN), Swedish (SWED), Italian (ITAL) or Katakana (KATA).
CSAFE (ON/OFF)	N/A	N/A	ON	Turns CSAFE function ON or OFF
AUTO FAN (ON/OFF)	N/A	N/A	ON	Turns AUTO FAN function ON or OFF
MODEL (STAIRCLIMBER/ STEPMLL /NTM CONFIG RQD)	N/A	N/A	NTM CONFIG REQUIRED	Set console to STAIRCLIMBER/ STEPMILL/NTM CONFIG REQUIRED
PROGRAM STATS	N/A	N/A		
DISPLAY TEST	N/A	N/A	0	Access to LCD Test function
KEYPAD TEST	N/A	N/A	0	Access to Keypad Test function
HEART RATE TEST	N/A	N/A		Access to Heart Rate System Test function
SERIAL PORT TEST	N/A	N/A		Access to Serial Port Test function
CSAFE TEST	N/A	N/A	0	Access to CSAFE Test function
FAN TEST	N/A	N/A	0	Access to Fan Test function
MEASUREMENTS	N/A	N/A		Access to Integral Measurements function (for use by Authorized Maintenance Technician)
LAST ERROR LIST	N/A	N/A		
LCB COMM	N/A	N/A		Number of times a “LCB Communication” condition occurred since last reset
STUCK KEY	N/A	N/A		Number of times a “Stuck Key” condition occurred since last reset
BACKLIGHT	1	100	50	
CONTRAST	1	100	50	

Item	Min	Max	Default	Notes
SPM OVERFLOW	N/A	N/A		Number of times machine shut down due to higher than expected step rate.
MAX SPM	110	140	120	
KEY REPEAT	ON	OFF	ON	Turns KEY REPEAT function ON or OFF
SET DEFAULTS	N/A	N/A		Select to restore console defaults
CLEAR ERRORS	N/A	N/A		Select to clear error logs
RESET CONSOLE	N/A	N/A		Resets Console to default factory settings
UPDATE SW	N/A	N/A		Updates console software from USB
SPEED SCROLL	1	10	5	Scrolling speed of the display with 1 being the fastest.

MAINTENANCE MODE - TOUCHSCREEN

To enter maintenance mode on 15"-19" Capacitive Touch Embedded display, in sequence press the top left corner, then top right, then top left again.

To enter maintenance mode on the 10" touchscreen display, in sequence press the top left corner, then top right corner, then the Logo.

The maintenance menus for the touchscreen displays contain many of the same options as for the LCD displays, as well as a few extra options related directly to touchscreens, such as touchscreen calibration and an option to upload background images. Refer to the touchscreen manual for more information.

To watch the installation procedure scan or click below:

QR.COREHANDF.COM/8GXINSTALL

Required Tools:

- Metric Allen Key Set
- Torque Wrench
- Metric Open-Ended Wrench Set
- Phillips Head Screwdriver

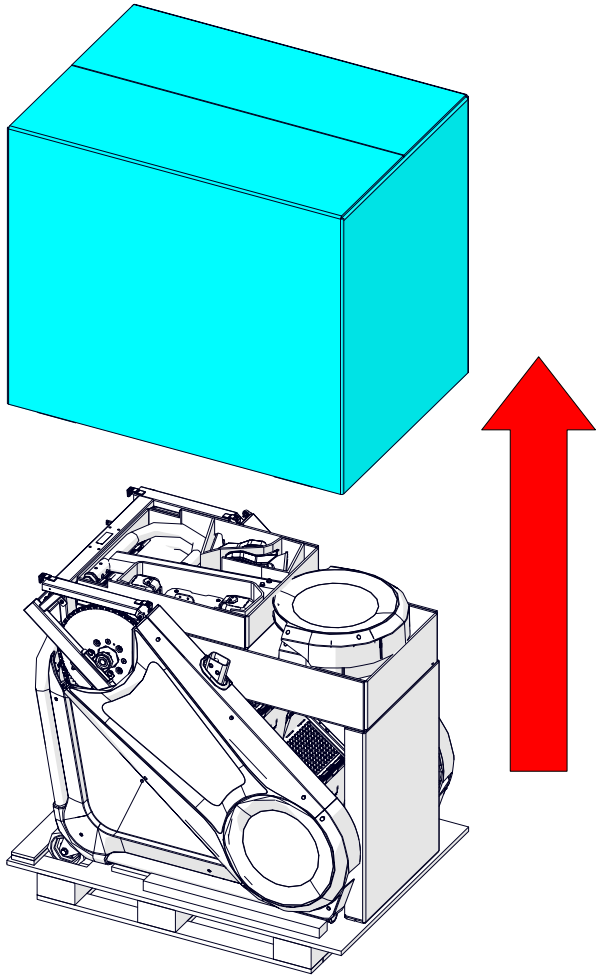


Fig. 14

PACKAGING REMOVAL:

Unit is heavy and requires two people for assembly.

Carefully remove all packaging materials that wrap the equipment.
DO NOT USE A KNIFE OR BOX CUTTER AS YOU MAY DAMAGE THE EQUIPMENT.

⚠ **NOTE: Do not use grease during assembly.**

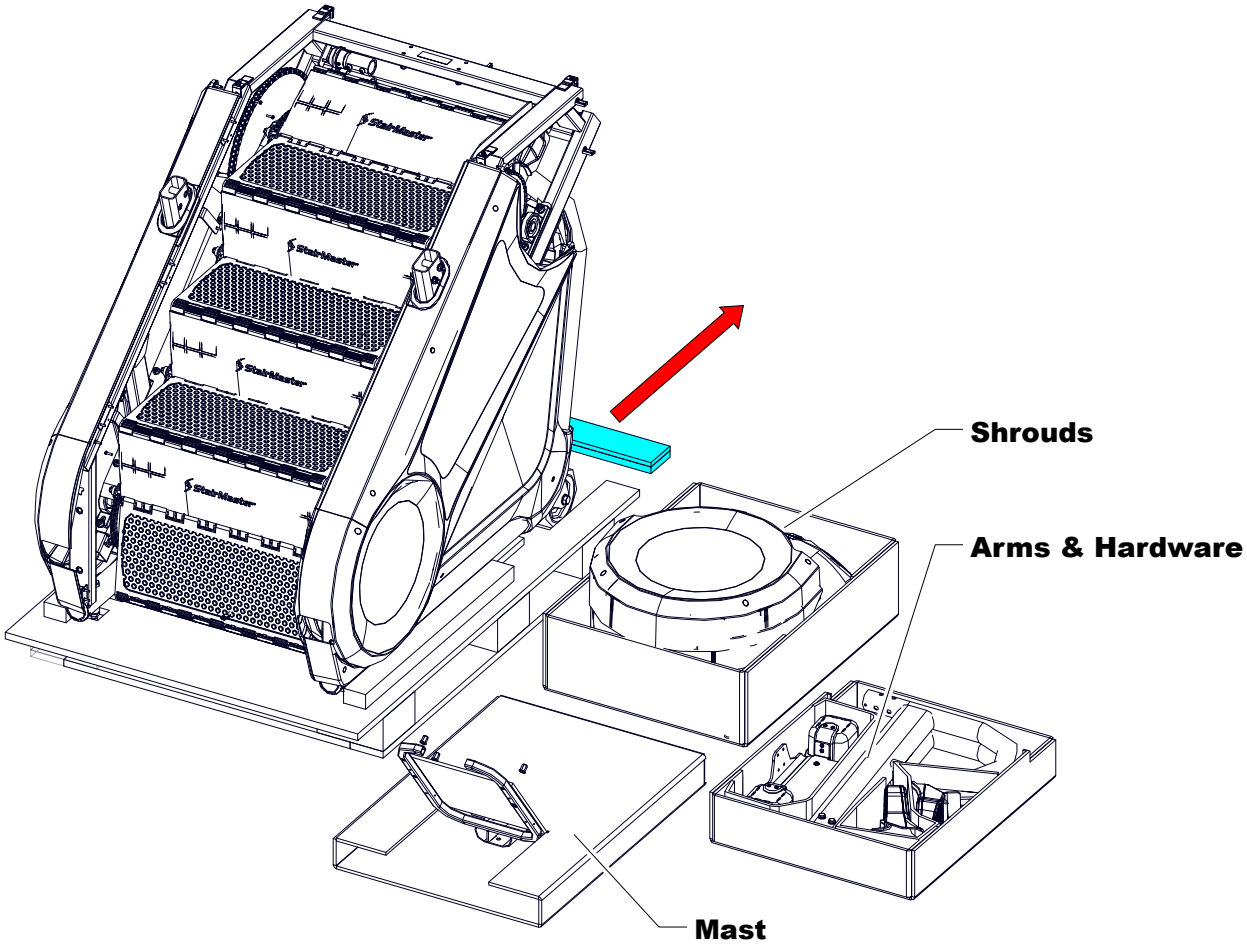


Fig. 15

1. Move pallet to directly in front of final unit location.
2. Remove 3 sub-component packages from the pallet and set aside for later assembly. Console is shipped separately.
3. Once all packaging has been removed, lay all parts out in a clean open area to prepare for assembly. Should any component not be present or if you have any operational questions, please refer to **SUPPORT & SERVICE**
4. Knock out the pallet plank directly behind the unit transport wheels.

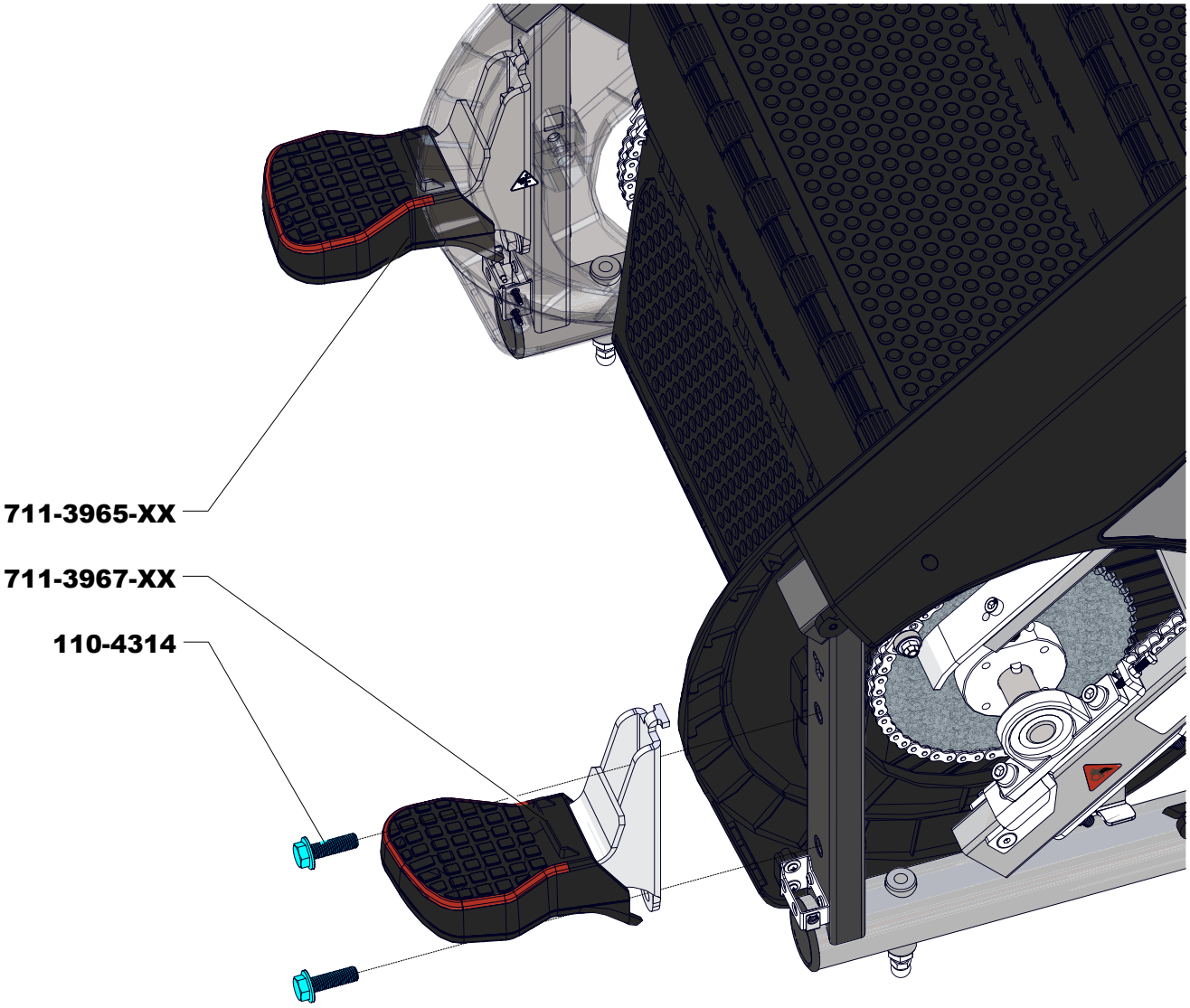


Fig. 16

5. Remove lower right and left shrouds and set aside.
6. Install left and right courtesy step assemblies and secure with four screws 110-4314. Ensure orientation of foot plastics as shown in Fig. 16 with curved points towards the centerline of the machine.

   ⚠ **Note:** Use a torque wrench to tighten to 130-140 Nm (95-103 ft-lb)

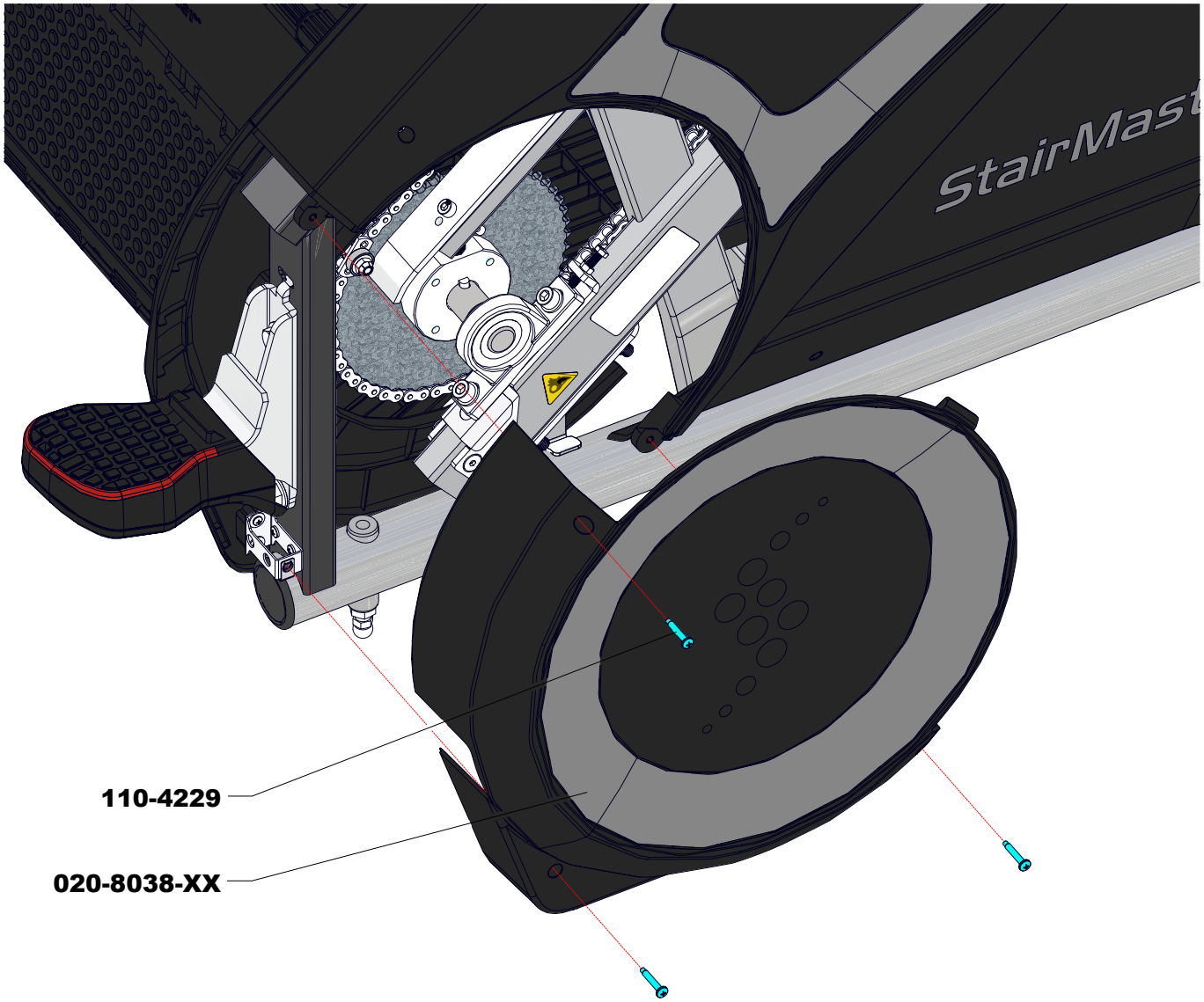


Fig. 17

7. Install the lower right shroud removed in step 5 and secure with three screws 110-4229.
8. Repeat to install lower left shroud.

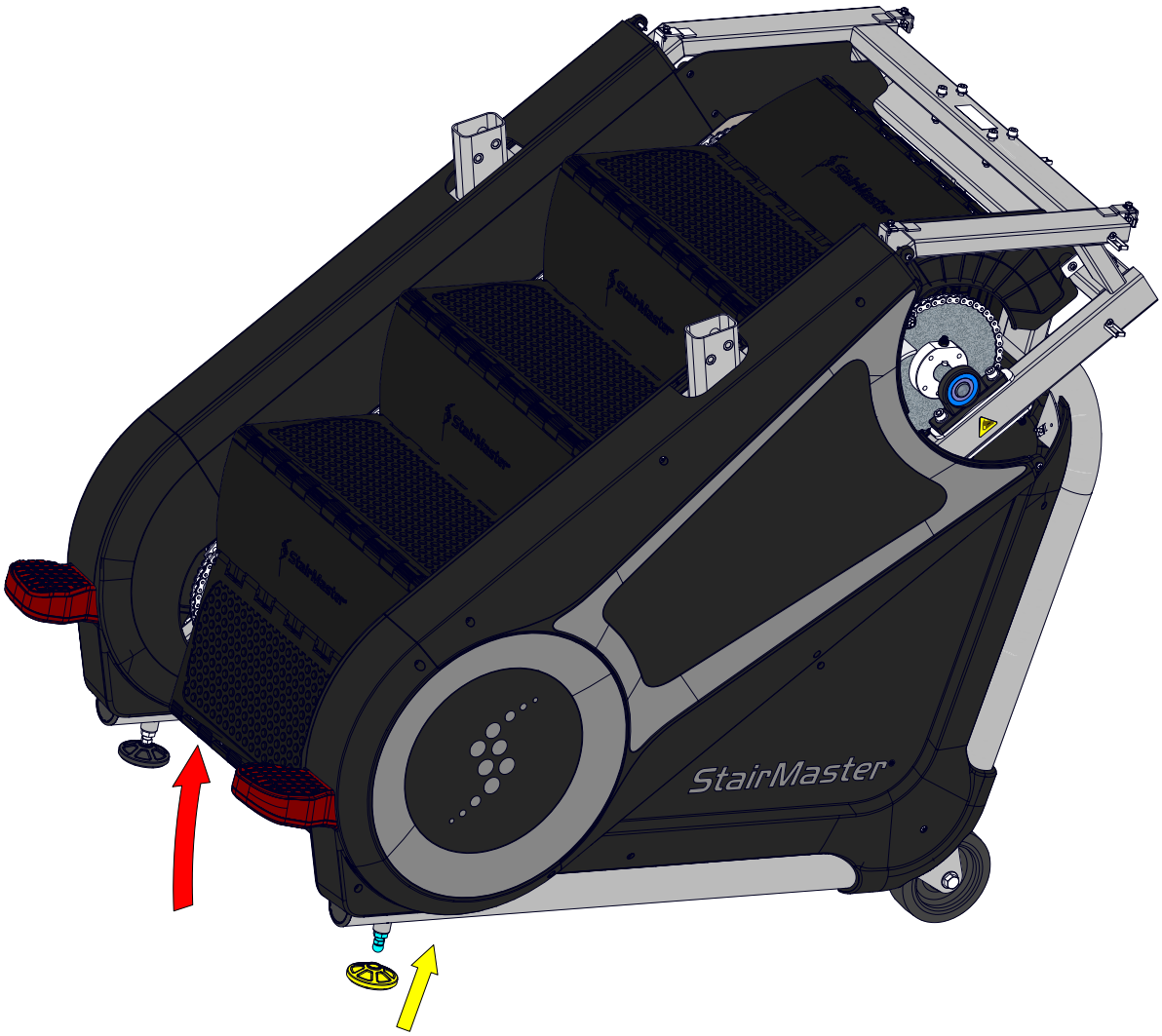


Fig. 18

9. Use installed courtesy steps to tip up unit on pallet and install leveling feet into the already installed post left and right.
10. Roll unit off pallet backwards to desired location.

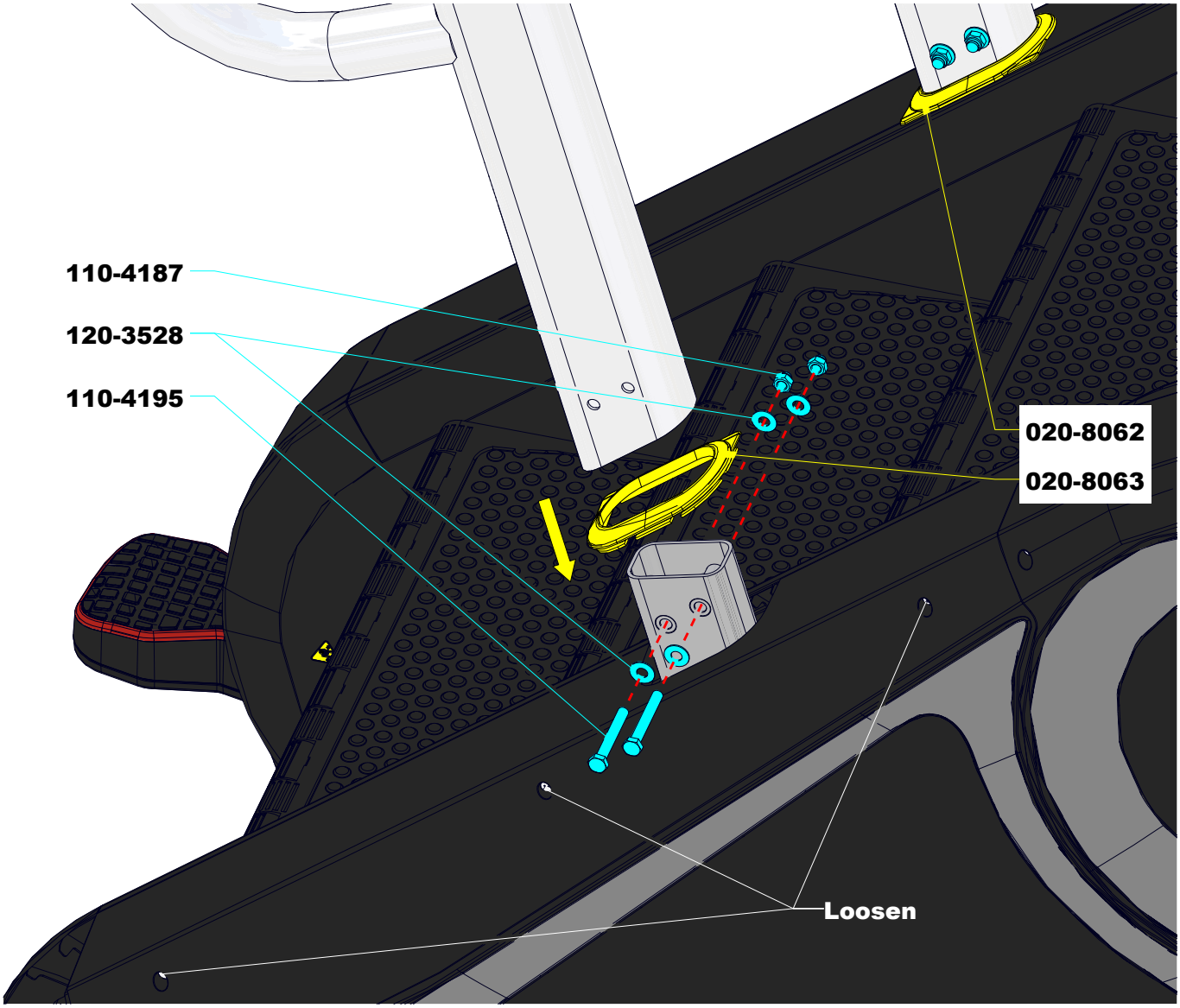


Fig. 19

11. Use a hand screwdriver to loosen three indicated screws on the upper shroud to install the right grommet 020-8063.

12. Repeat on left with grommet 020-0862.

13. Install arms using two bolts 110-4195, four washers 120-3528, and two nuts 110-4187 per side. Acorn nuts should face inside as shown.

⚠ **Note:** Do not fully tighten this step.

14. Use a hand screwdriver to tighten the shroud screws loosened in steps 11 and 12. Take care to avoid damaging the plastic shrouds.

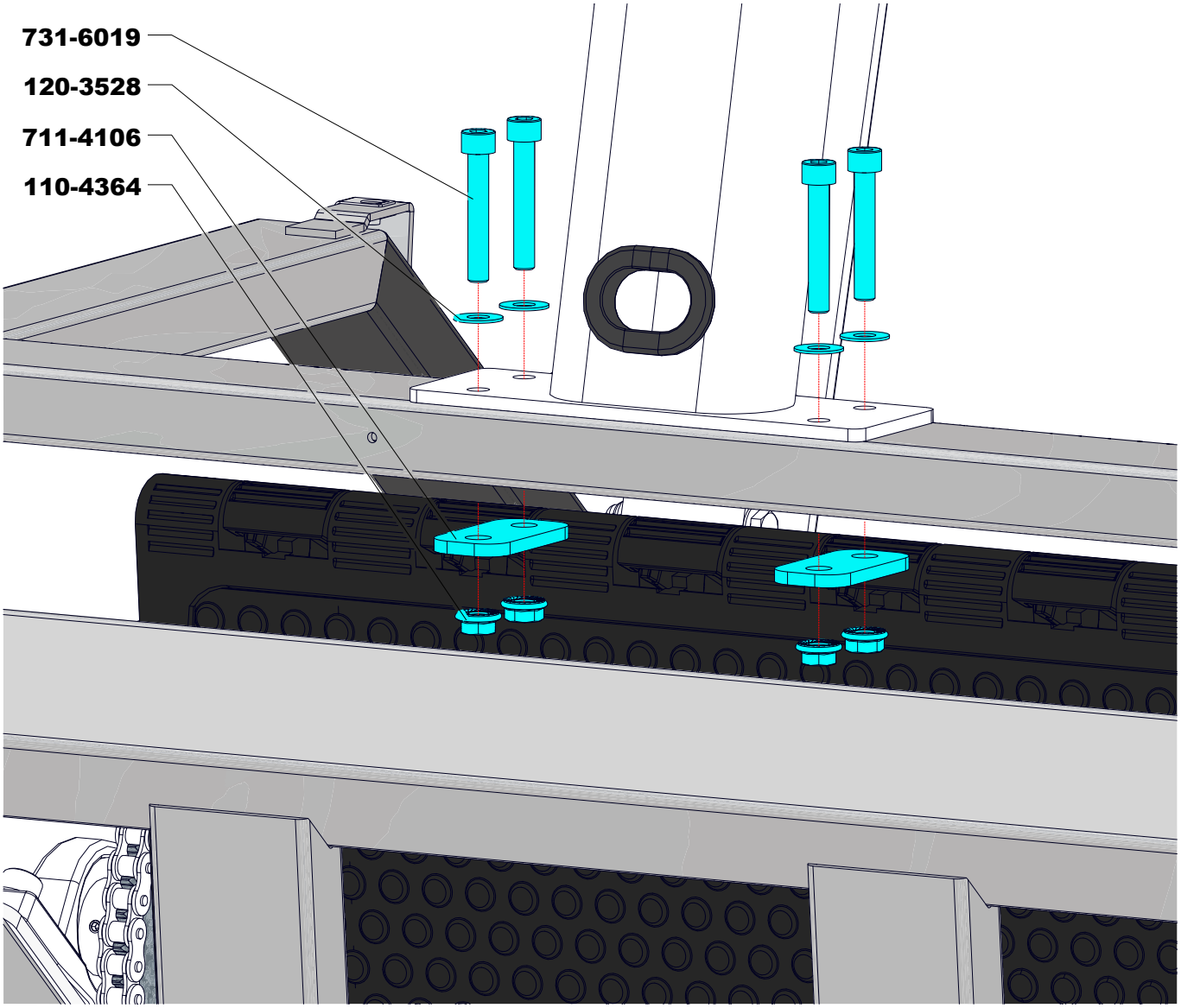


Fig. 20

15. Install the mast weldment with four screws 731-6019, four washers 120-3528, two compression plates 711-4106, and four nuts 110-4364.

⚠ **Note:** Do not fully tighten this step.

16. Route console wires through mast.

- Upper mast hole (to arms): 711-4064 & 711-4065
- Lower Mast Hole: 711-3494 to LCB
- Refer to Console Owner's Manual for other wiring

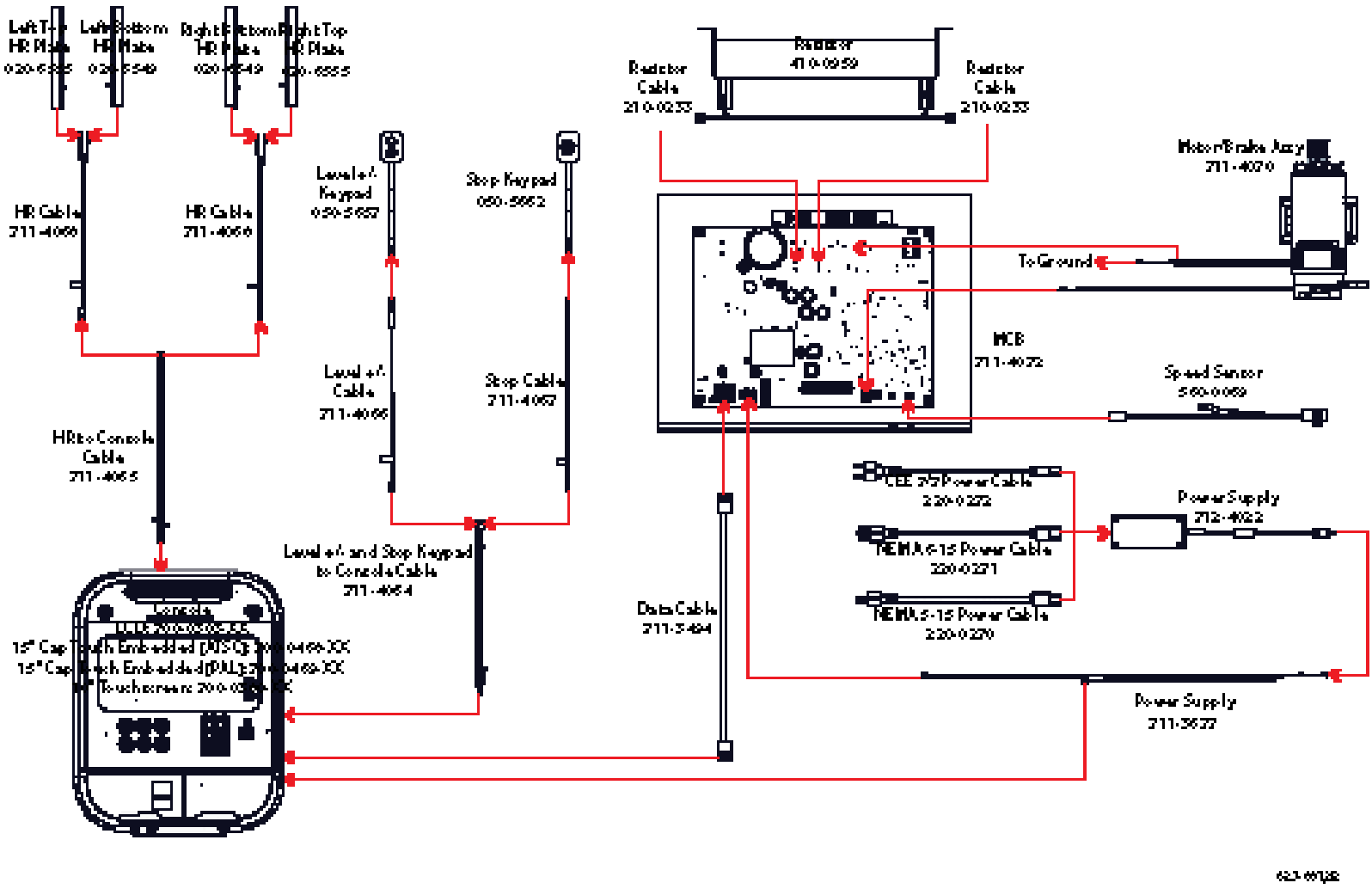


Fig. 21 8Gx Wiring Diagram

17. Slide the handrails into the secured arm assembly. When laying out pre-wired arms, the wiring should go behind the mast for proper assembly.

18. Connect handrail wiring per the wiring diagram above.

Left Side

a. Plug the +/- keypad cable 711-4066 into the cable 711-4064.

b. Plug the HR cable 711-4068 from the left contact plates into 711-4065.

Right Side

c. Plug the STOP keypad cable 711-4067 into the cable 711-4064.

d. Plug the right HR cable 711-4068 from the contact plates into 711-4065.

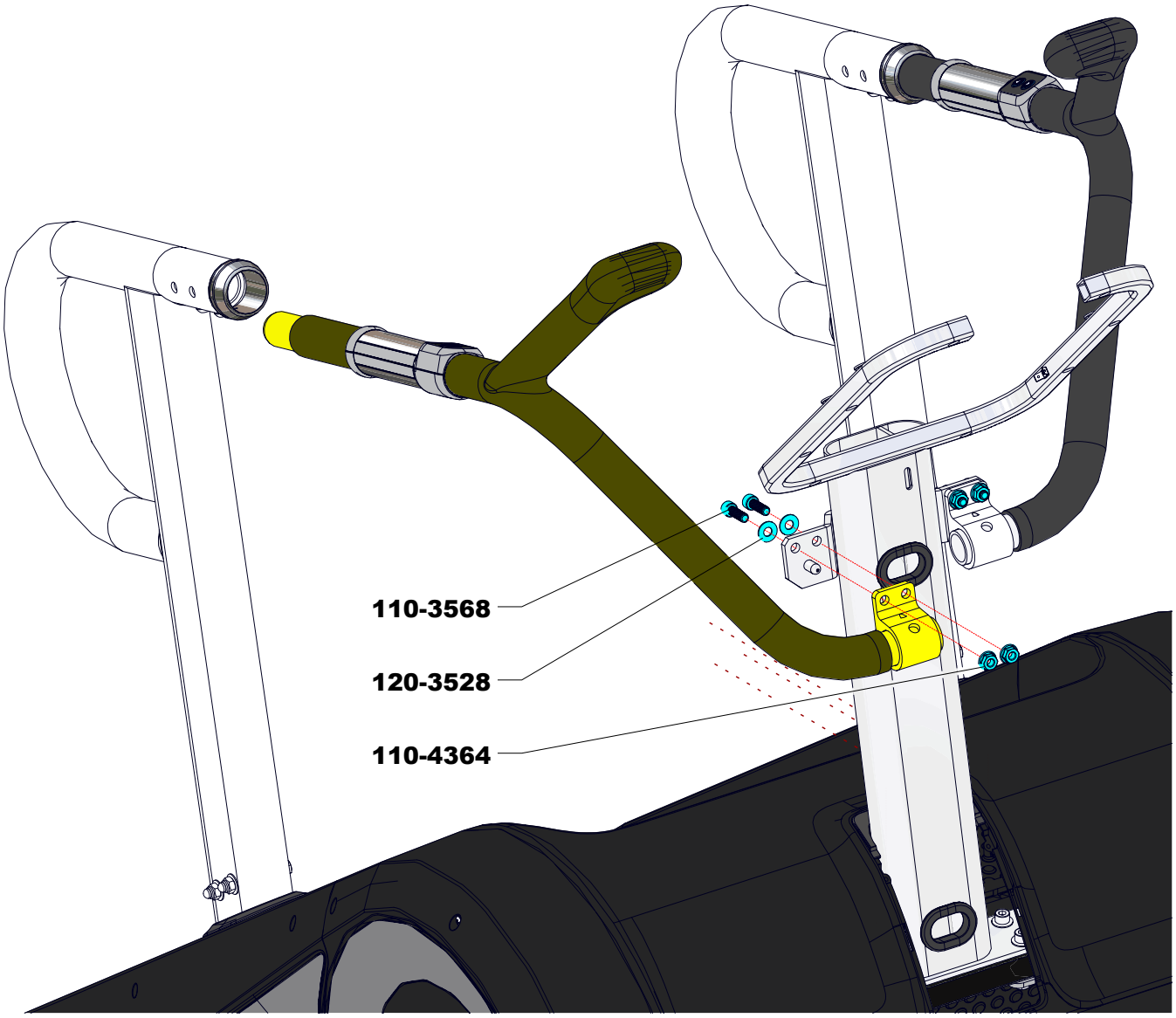


Fig. 22

19. Connect handrails to mast with two screws 110-3568, two washers 120-3528, and two nuts 110-3672 each side.

⚠ **Note:** Do not fully tighten this step.

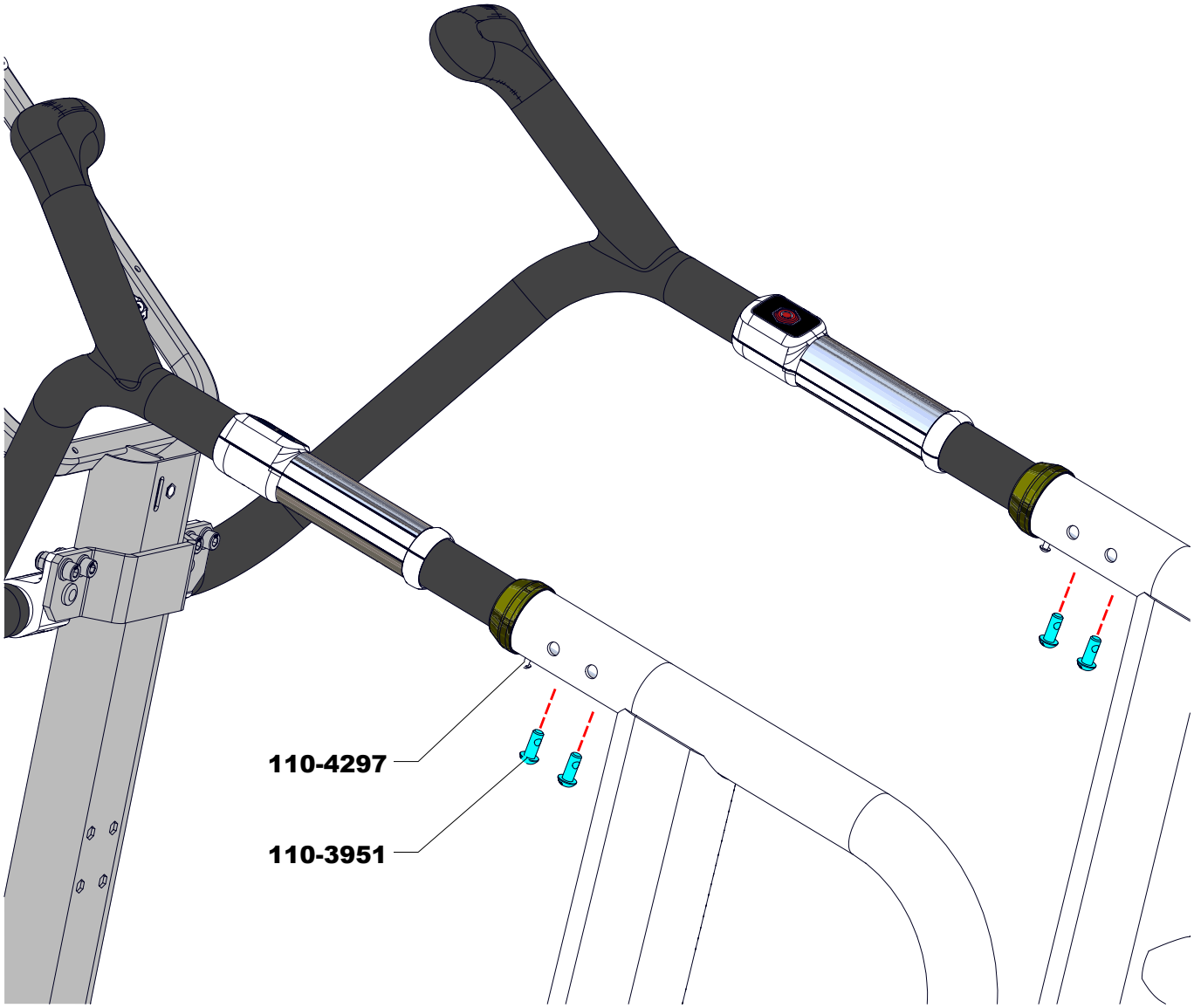


Fig. 23

20. Secure handrails to arms with four screws 110-3951.

⚠ **Note:** Do not fully tighten this step.

21. Tighten beauty ring screws 110-4297.

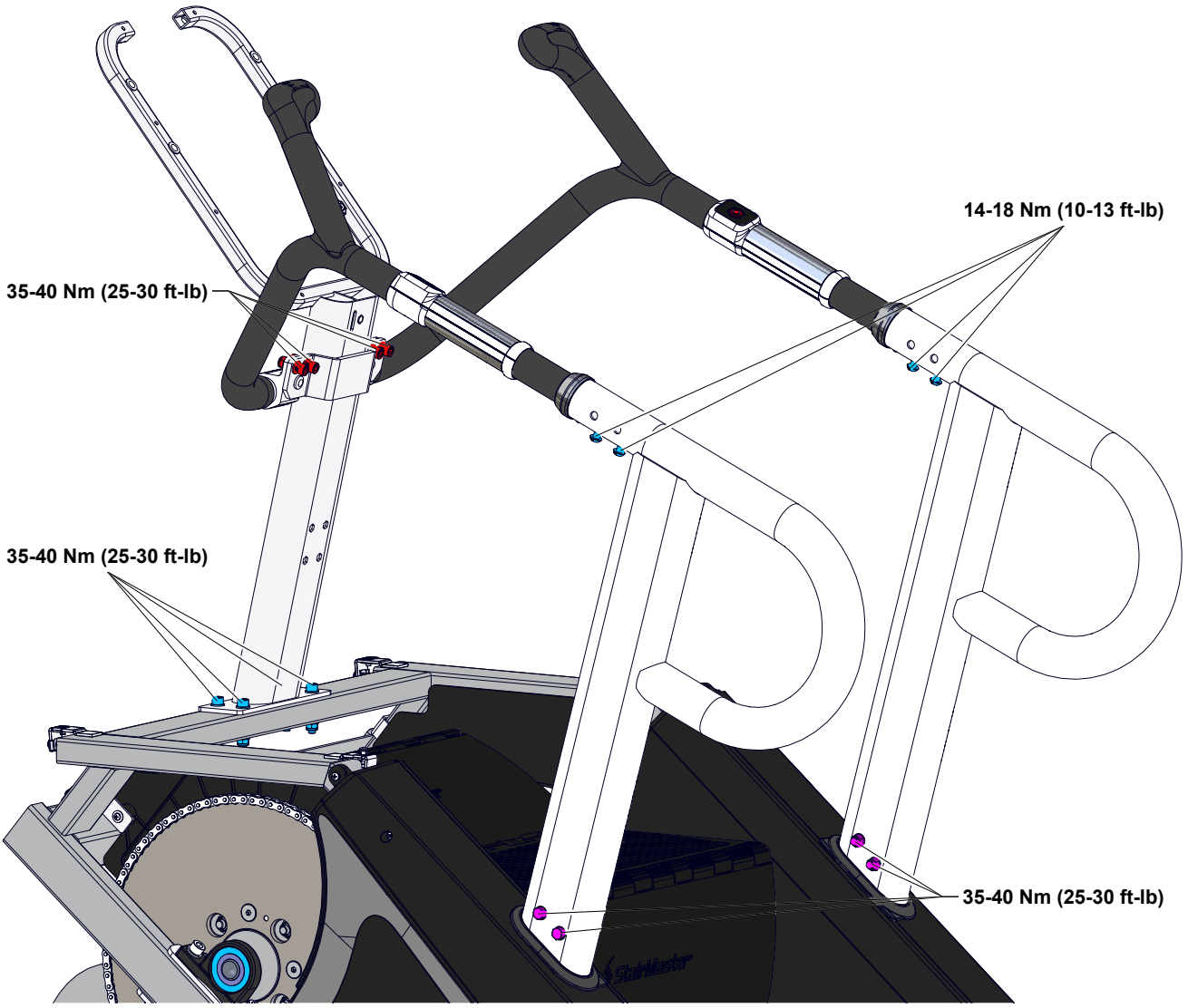


Fig. 24

22. Use a torque wrench to tighten all mast/handrail connections.

a. Tighten the upper handrails to mast screws to 35-40 Nm (25-30 ft-lb)
b. Tighten the mast to frame screws to 35-40 Nm (25-30 ft-lb)
c. Tighten the lower handrails to upper handrails screws to 14-18 Nm (10-13 ft-lb)
d. Tighten the lower handrails to frame screws to 35-40 Nm (25-30 ft-lb)

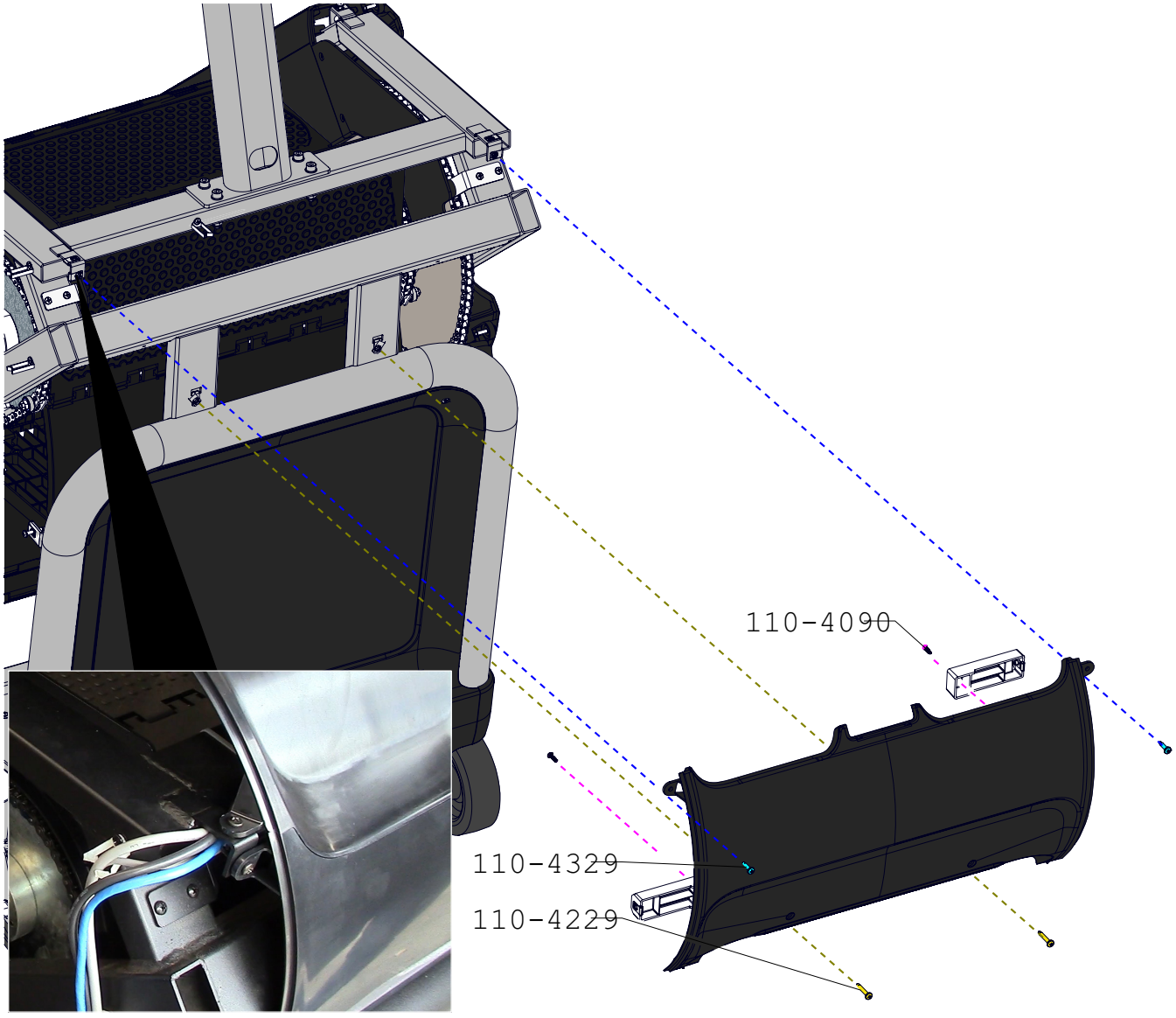


Fig. 25

23. Mount two brackets 740-9685 onto the center low shroud 020-8051-XX using screw 110-4090.

24. Install the center low shroud using two screws 110-4229 (lower) and two screws 110-4329 (upper).

⚠ **Note:** Take care that no wire is pinched by screws prior to tightening hardware (See Fig. 25 inset).

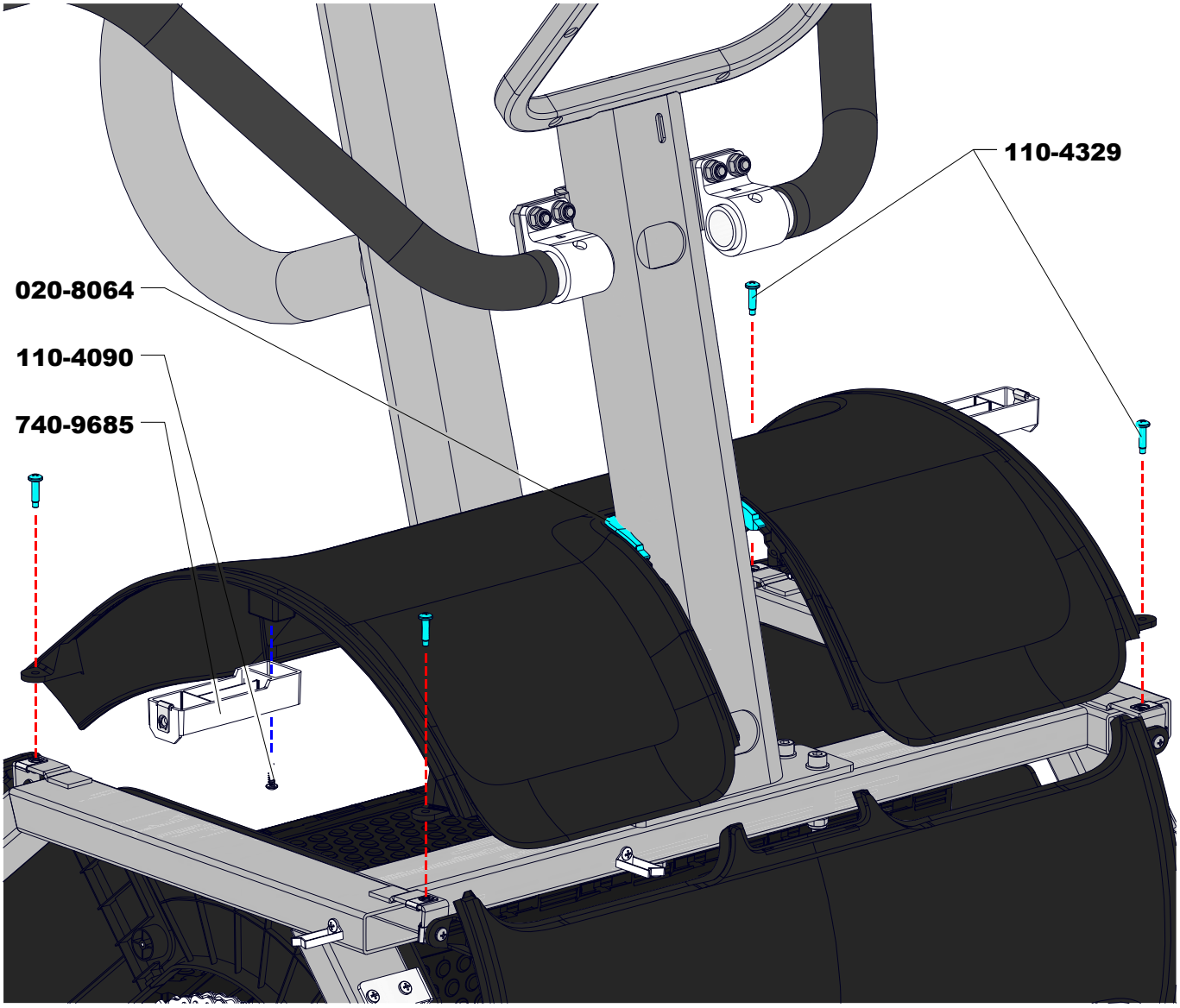


Fig. 26

25. Mount two brackets 740-9685 into center top shroud 020-8052-XX using screw 110-4090.

26. Install center top shroud using four screws 110-4329.

27. Install grommet 020-8064.

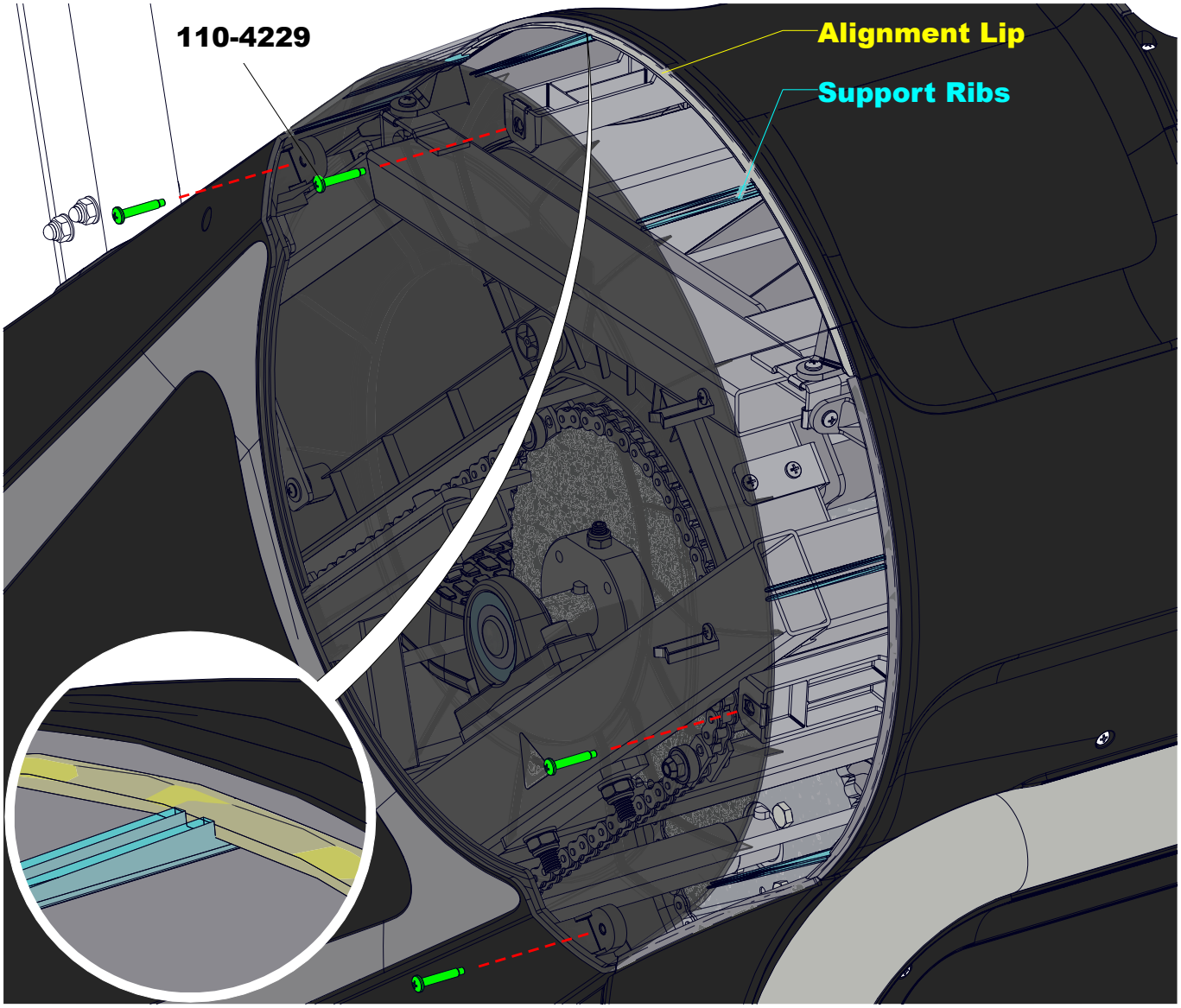


Fig. 27

28. Install left (020-8041-XX) and right (020-8042-XX) side top shrouds using four screws 110-4229 each.

⚠ **Note:** When properly installed, the 6 support ribs on the left and right side top shrouds will snugly fit on the alignment lip of the center top shroud. Ensure a proper fit before tightening hardware.

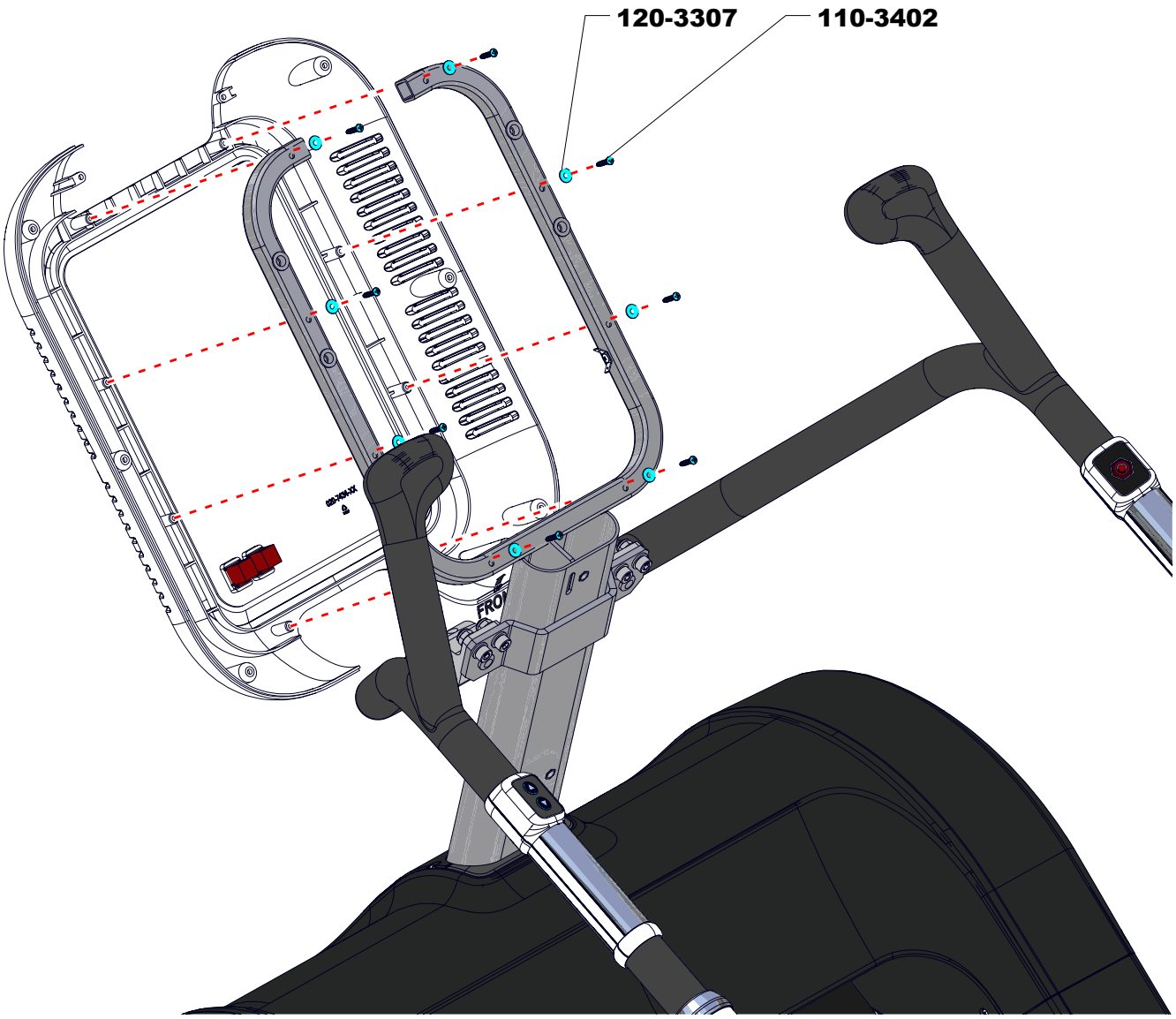


Fig. 28

Console installation instructions are for the LCD console 700-0303-XX only.
For other consoles, refer to their owner's manual for installation instructions on a G/FC Frame.

29. Secure the rear console shroud 020-7434-XX to the mast with eight washers 120-3307 and 8 screws 110-3402.

Note: the location in Fig. 29 marked as Prewired comes connected in the box. Disconnect prior to installation. Two persons are recommended for ease of installation.

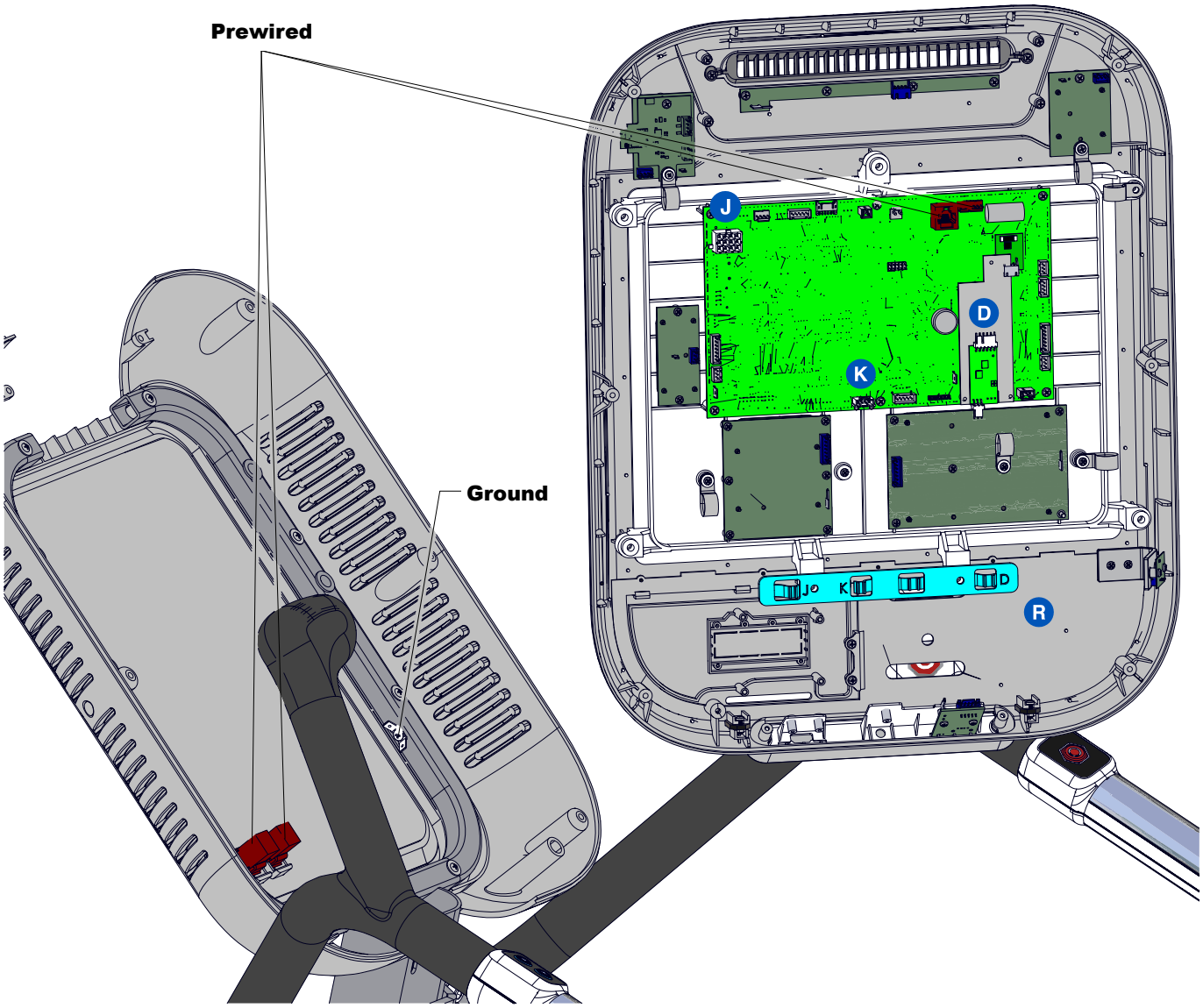


Fig. 29

30. Plug the main cable 711-3494 into the location marked J in Fig. 29.

31. Plug the heart rate cable 711-4065 into the location marked D in Fig. 29.

32. Plug the keypad cable 711-4064 into the location marked K in Fig. 29.

33. Route wires through bracket marked R in Fig. 29.

34. Plug in left & right ground onto the quick connect tabs on the mast.

Note: Installation instructions are for the LCD console 700-0303-XX only.
For other consoles, refer to their owner's manual for installation instructions on a G/FC Frame.

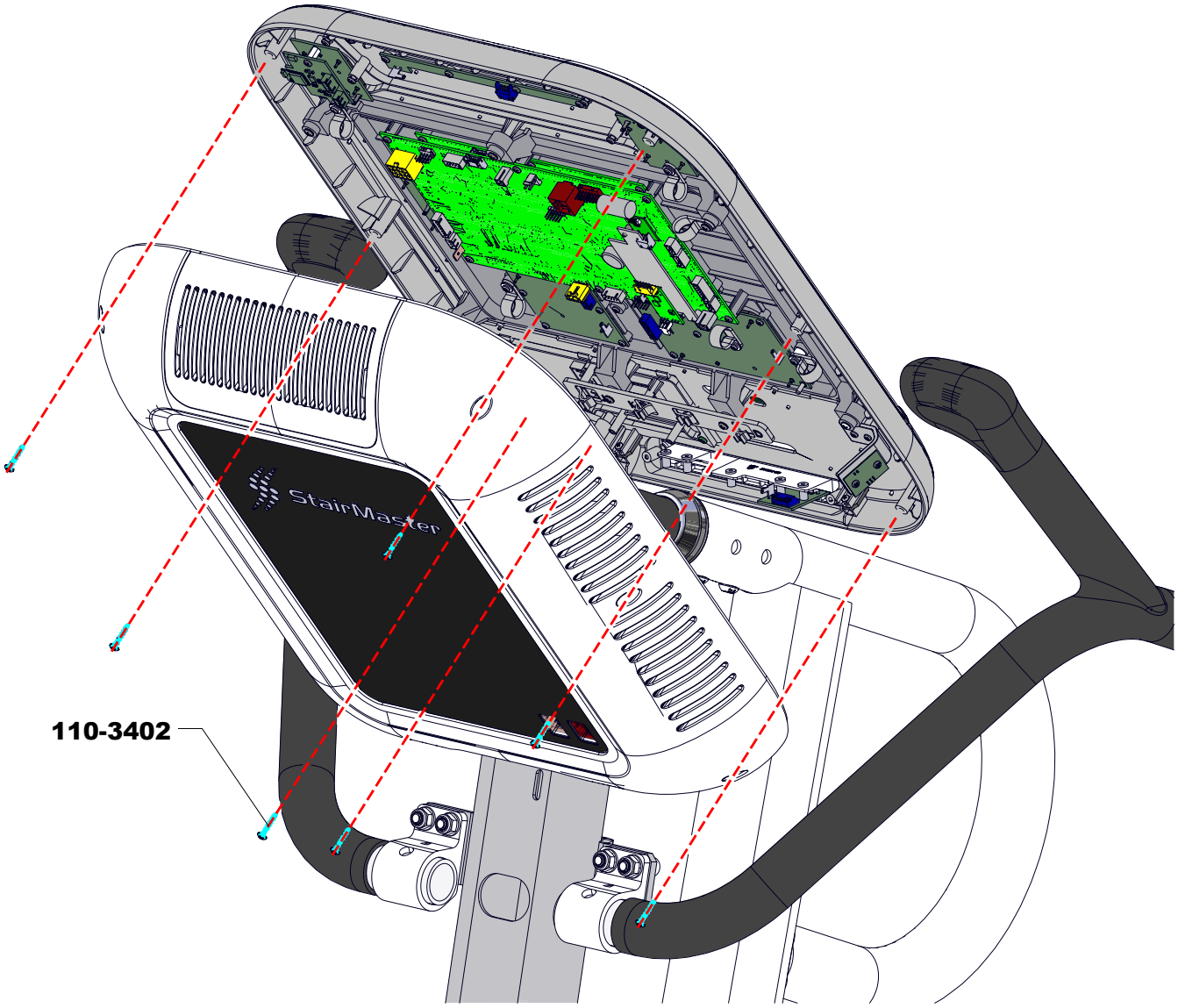


Fig. 30

35. Reconnect the prewired rear plugs to the main board.

36. Secure the console face to the console back with seven screws 110-3402.

Note: Installation instructions are for the LCD console 700-0303-XX only.
For other consoles, refer to their owner's manual for installation instructions on a G/FC Frame.

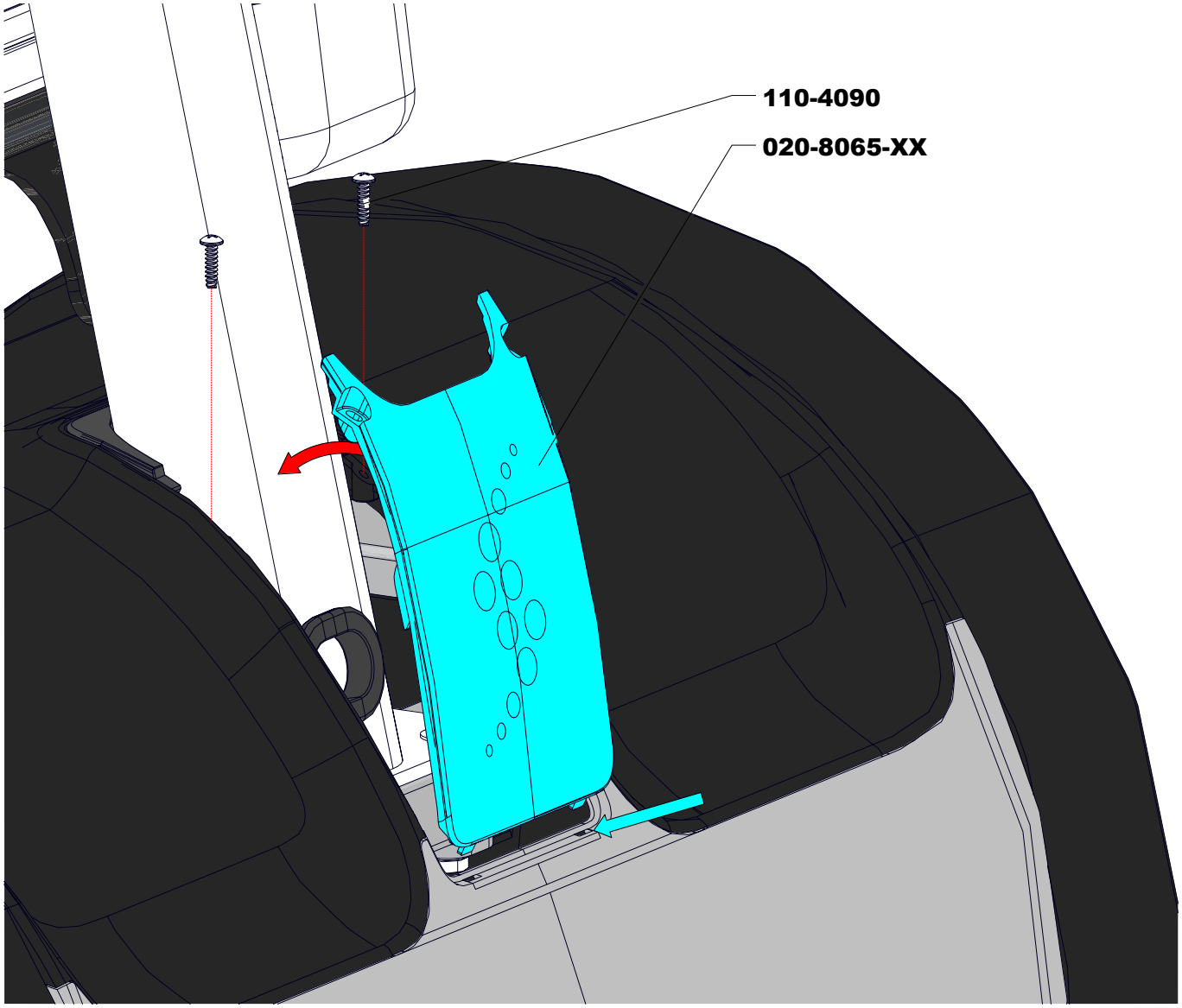


Fig. 31

37. Place the two tabs from the center grommet 020-8065-XX into the slots in shroud 020-8051-XX then rotate shroud to mast.

38. Secure center grommet using two screws 110-4090.

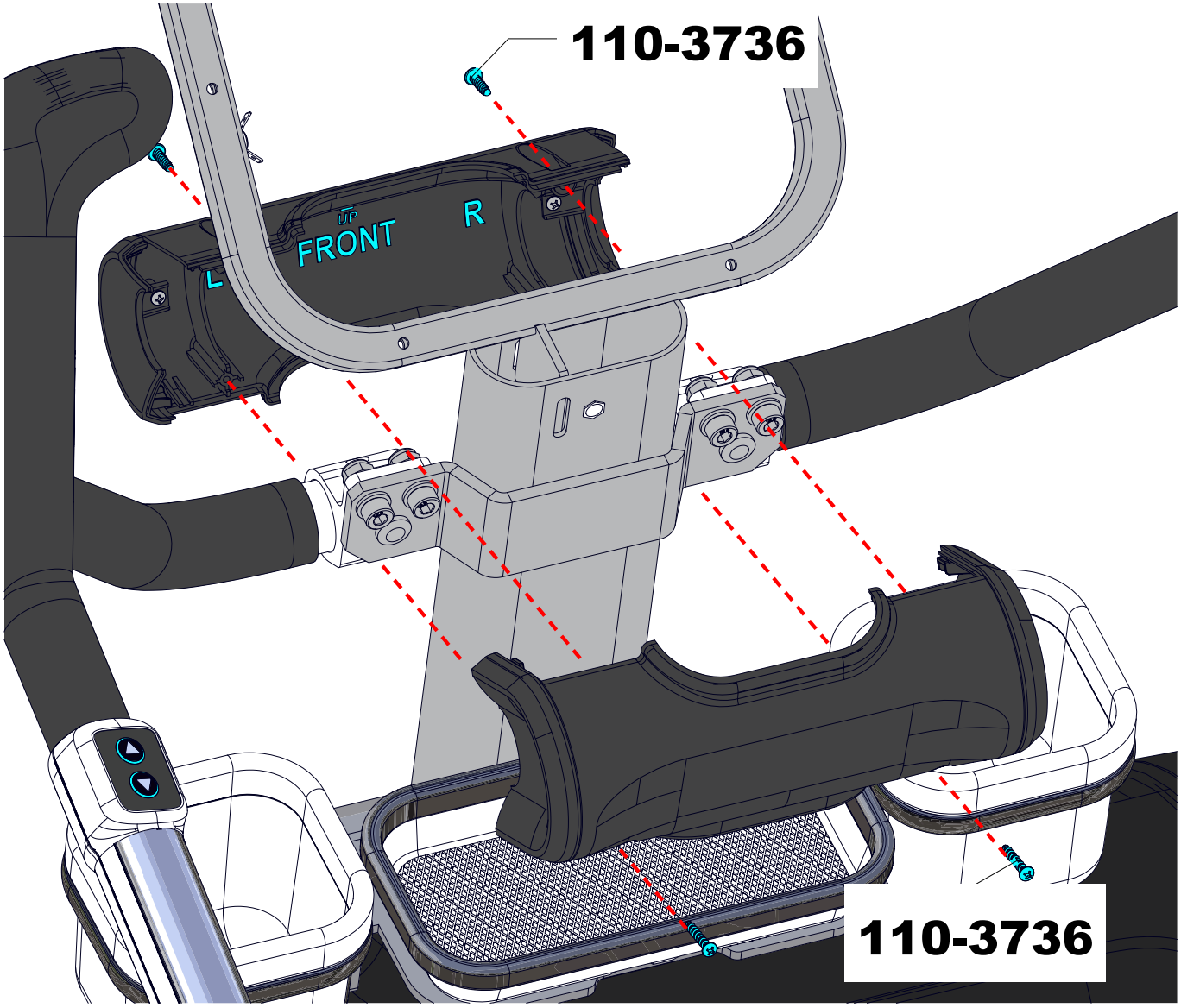


Fig. 32 Console not shown for clarity

39. Install front and back assembly to mast using four screws 110-3736. Directions are indicated on the inside of each part in relief.

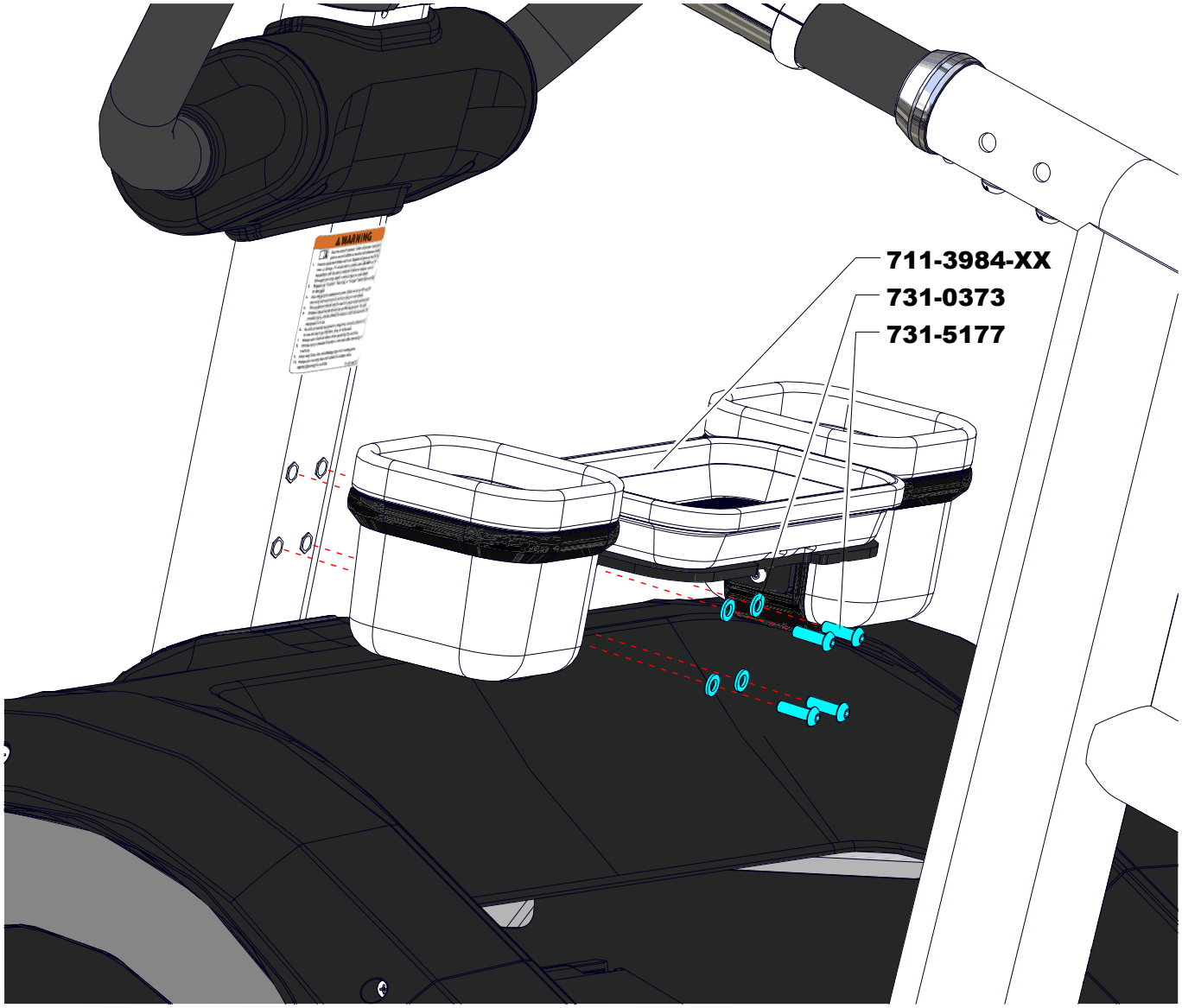


Fig. 33

40. Install cupholder assembly using four screws 731-5177 and four washers 731-0373.

⚠ **Note:** Use a torque wrench to tighten to 5-8 Nm (44-70 in-lb)

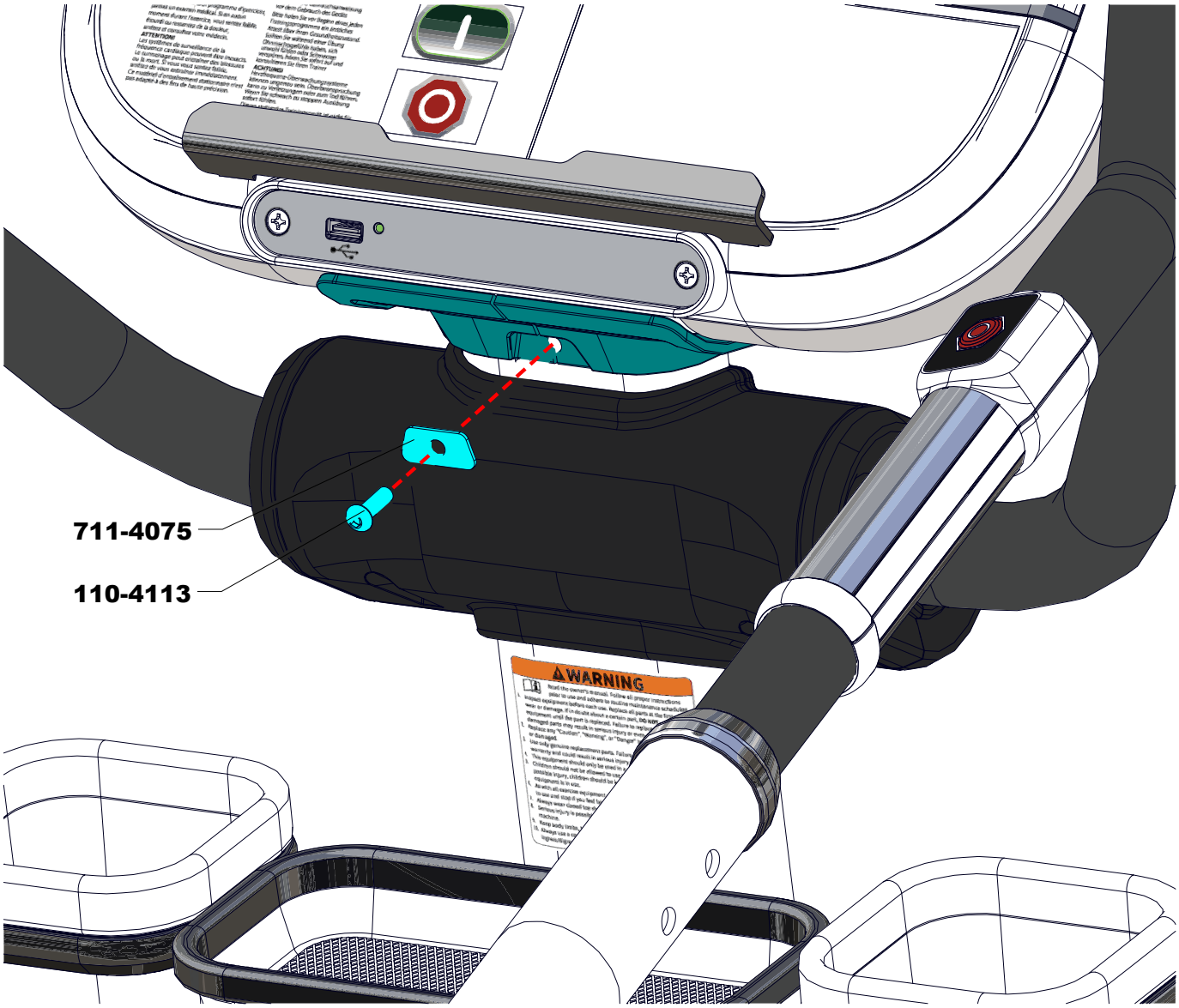


Fig. 34 LCD Console Shown

41. Secure the neck grommet to the mast using one screw 110-4113 and washer plate 711-4075.

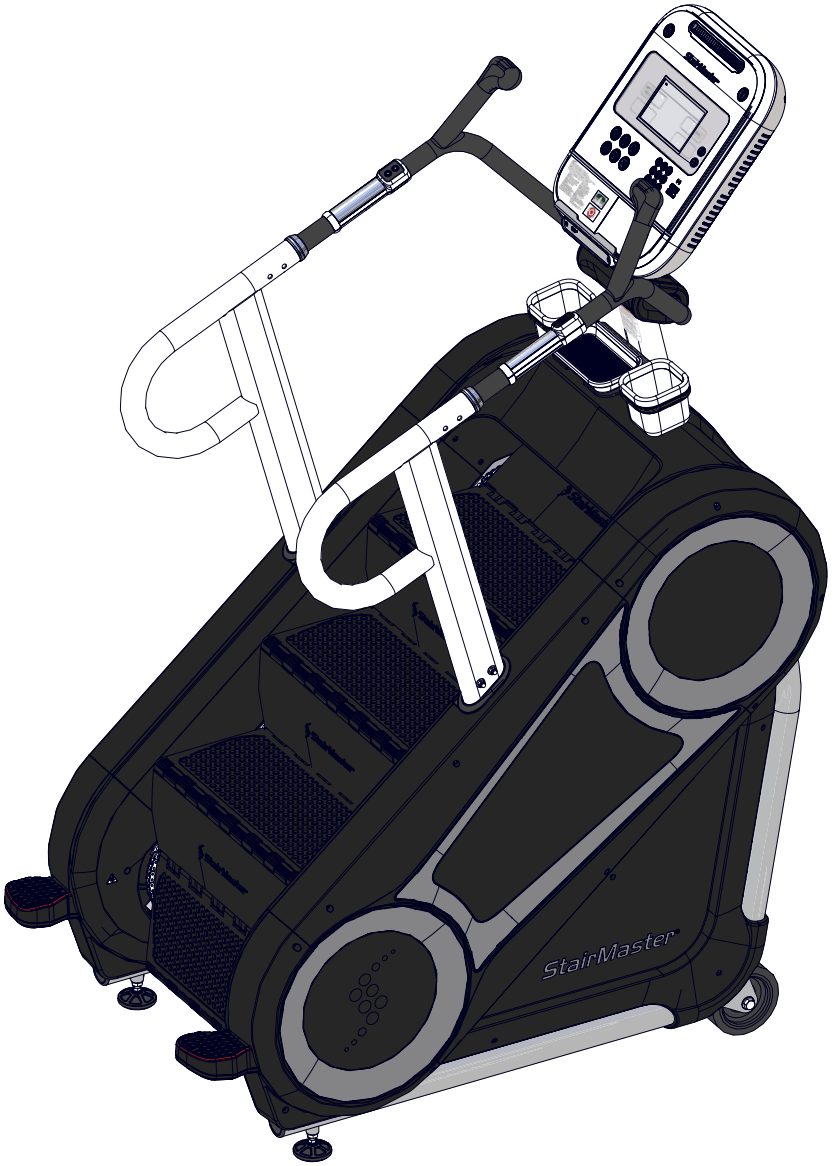


Fig. 35 LCD Console Shown

42. Assembly is complete. For LCD console proceed to **FIRST TIME SETUP** on the next page.

OPENHUB LED

Fig. 36 Incorrectly configured console at power up

1. Power on unit.

   Note: Console should come pre-configured for unit and when powered up should show the Choose Workout screen (see Fig. 38 on page 46). If incorrectly configured it will show the error in the Information Window as shown above.

Fig. 37

2. Press and hold the 0, 2 and OK keys together.
3. A beep will sound and “MAINTENANCE MODE” will display momentarily in the Information Window.
4. Release all keys. “SERIAL NO #####” will display in the Information Window.
5. Use the + − buttons to scroll until the Information Window displays **CONSOLE** then tap OK.
6. If incorrect, use the + − buttons to change value to **8GX** then tap OK otherwise tap I to exit.

Fig. 38

7. Console has been configured.

   Note: For customization please refer to MAINTENANCE MODE - LCD on page 19.

TOOLS

Working on this product will require basic and/or sometimes specialty tools based on the type of service that will be performed at any time. To assist, we recommend having the tools listed available when performing maintenance.

Tool		
Metric Allen Key Set	Screwdriver Set, Phillips	Multi-Meter
Metric Open-Ended Wrench Set	Screwdriver Set, Flat	USB - Flash Drive
Large Adjustable Crescent Wrench	Torque Wrench	Zip Ties
Metric Socket Set	Loctite 680	

MAINTAIN ALL EQUIPMENT: Preventative maintenance is the key to smooth operating equipment as well as keeping the product in safe operating condition. Failure to conduct preventative maintenance by the owner may cause the product to operate in an unsafe manner. Equipment needs to be inspected and maintained at regular intervals per the preventative maintenance schedule provided in this manual.

MAINTENANCE SCHEDULE

With durable, high performance components, this equipment is designed for heavy usage with minimal maintenance required. To keep it in top condition, perform regular daily, weekly and monthly preventive maintenance routines outlined below.

The safety and integrity of this machine can only be maintained when the equipment is regularly examined for damage and wear and repaired. It is the sole responsibility of the owner of this equipment to ensure that regular maintenance is performed. Worn or damaged parts must be replaced immediately or the equipment removed from service until the repair is made.

	Daily	Weekly	Monthly	Bi-Annually
General Maintenance				
Check Safety & Warning Labels	X			
Spot Check Step Chains	X			
Lubrication				
Drive Chains[1]			OR EVERY 300 HOURS	
Pillow Block Bearings[2]				X
Cleaning				
Clean Console[3]	X			
Clean Side Covers[4]	X			

INSPECTION

Inspect the frame for any rust, bubbling, or paint chips during the daily cleaning. The salt in perspiration can damage the unpainted surfaces. Repair the damaged area with a touch-up paint kit purchased from StairMaster® (see Support & Service for order information).

⚠ **CAUTION**: Cleaning products may be harmful/irritating to your skin, eyes, etc. Use protective gloves and eye protection. Do not inhale or swallow any cleaning product. Protect surrounding area/clothing from exposure. Use in a well-ventilated area. Follow all product manufacturer's warnings. CORE Health and Fitness cannot be held responsible for damage or injuries resulting from the use or misuse of cleaning products.

Preventive Maintenance Cautions

- While maintaining equipment you will want to avoid spraying any liquids directly onto any surface of the unit. Always spray cleaning solutions onto a clean towel first then wipe the unit.
- Do not use glass cleaners or any other household cleaners on the console. The console should be cleaned with a damp cloth and dried on a daily basis. Cleaning solutions can be made of a 5:1 dilution ratio, where 5 parts water are mixed with 1 part of Simple Green®, Fantastik®, or 409®. Do not spray water, or cleaner directly onto console USB Port.

1 30W Oil
2 Multi-Purpose Grease
3 Clean with a water dampened cloth & wipe dry after cleaning.
4 Clean exterior with soap and water or a diluted household cleaner.

Replacement parts for this unit are available through SUPPORT & SERVICE. Parts listed are shown on the following pages and interactive drawings available on Core Connect. Listed parts may change, please check Core Connect for latest versions and other SKU's covered by this manual:

9-5345 - StairMaster 8Gx

Arms & Selected Wiring 61
Center Mast & Phone Holder Detail 62
Chains, Axles & Bearing Plates 63
Courtesy Step Detail & Other Frame Parts 64
Drive Belt Detail 65
Inner Shrouds & Hardware 66
Step Kits, Mast & Arms, Selected Wiring 67
Left Side Shrouds & Hardware 68
Lower Axle Detail 69
Mast/Frame Detail 70
Motor & LCB Detail 71
Power Detail 72
Rear Shrouds & Hardware 73
Right Shrouds & Hardware 74
RPM Sensor Detail 75
Step Detail 76
Upper Axle & Idler Assembly Detail 77

Part Number	Qty	Description
020-7433-XX	1	PLASTIC, PHONE, HOLDER
020-7543	1	MAT, RUBBER, PHONE HOLDER
020-7705-XX	2	RING, ACCENT, FRONT CAGE, HIIT M & X
020-7908	3	KEY, 3/16" x 3/16" x 7/8"
020-7954-XX	1	SHROUD, FRONT, LOWER, GAUNTLET II
020-7980-XX	1	BRACKET, PHONE HOLDER, 10G
020-8037-XX	1	SHROUD, PLASTIC, SIDE, BOTTOM, RADIAL, L, 8GX
020-8038-XX	1	SHROUD, PLASTIC, SIDE, BOTTOM, RADIAL, R, 8Gx
020-8039-XX	1	SHROUD, PLASTIC, SIDE, CENTER, L, 8GX
020-8040-XX	1	SHROUD, PLASTIC, SIDE, CENTER, R, 8Gx
020-8041-XX	1	SHROUD, PLASTIC, SIDE, TOP, RADIAL, L, 8GX
020-8042-XX	1	SHROUD, PLASTIC, SIDE, TOP, RADIAL, R, 8GX
020-8045-XX	1	SHROUD, PLASTIC, SKIRT, UPPER, L, 8GX
020-8046-XX	1	SHROUD, PLASTIC, SKIRT, UPPER, R, 8GX
020-8051-XX	1	SHROUD, PLASTIC, CENTER, LOW, 8GX
020-8052-XX	1	SHROUD, PLASTIC, CENTER, TOP, 8GX
020-8055	4	FORMED, STEEL, MOUNT BRACKET 5, 8GX
020-8056	2	FORMED, STEEL, MOUNT BRACKET 6, 8GX
020-8057-XX	1	SHROUD, PLASTIC, CNTR. TRANSITION, REAR, 8GX
020-8058-XX	1	SHROUD, PLASTIC, CNTR. TRANSITION, FRONT, 8GX

Part Number	Qty	Description
020-8060-XX	1	SHROUD, PLASTIC, CNTR. SIDE CAP, R1, 8GX
020-8061-XX	1	SHROUD, PLASTIC, CNTR. SIDE CAP, L1, 8GX
020-8062	1	SHROUD, GROMMET, HANDRAIL, L, 8GX
020-8063	1	SHROUD, GROMMET, HANDRAIL, R, 8GX
020-8064	1	SHROUD, GROMMET, CENTER 2, 8GX
020-8065-XX	1	SHROUD, GROMMET, CENTER 1, 8GX
020-8066-XX	1	SHROUD, PLASTIC, SKIRT, CNTR., L, 8GX
020-8067-XX	1	SHROUD, PLASTIC, SKIRT, CNTR., R, 8GX
020-8068-XX	1	SHROUD, PLASTIC, CNTR. SIDE CAP, R2, 8GX
020-8069	1	GROMMET, DISPLAY NECK, 8GX
020-8077-XX	1	SHROUD, PLASTIC, CNTR. SIDE CAP, L2, 8GX
020-8080	1	FORMED, ALUMINUM PLATE, HEAT SHIELD, SM
020-8082	1	SHROUD, PLASTIC, MCB SHIELD, SM
050-0411	1	LABEL, GROUND
050-2051	1	LABEL,BASE PLATE,VLAD
050-5657	1	KEYPAD, SPEED PLUS MINUS, GAUNTLET II
050-5662	1	KEYPAD, SECONDARY STOP, 10G
050-5706	2	LABEL, HASH MARK, BLOCK ADJ., 10G
050-5711	4	LABEL, CAUTION, PINCH, CHAIN DRIVE
050-5712	2	LABEL, INSTRUCTION, ADJ. EQUALLY

Part Number	Qty	Description
050-5713	1	LABEL, WARNING, EXPOSED CHAIN/BELT
050-5714	1	LABEL, MEASURE POINT, 10G
050-5848	1	LABEL, GENERAL WARNING, COMMERCIAL STAIRCLIMBER
110-1823	2	NUT, THIN, JAM,1/2-13 x 5/16 THICK, BZ, GR-5
110-3309	2	BOLT, 1/2-13x3, HE, CS, ZP, TAP, GR8
110-3323	2	SCREW, M8x1.25, 55mm, FHM, HK, AS, ECB, Gr-12.9
110-3404	2	SCREW, M4x0.7x10L,PHT,PH,CS,BO
110-3504	4	Screw, M10x1.5, 40mm, SHCS, HK, AS, NP, EC-B, Gr-12.9
110-3548	2	Nut, Jam, M8x1.25mm, CS, ZP
110-3568	5	SCREW, M8x1.25, 25mm, SHC, HK, AS, BEC, NP, Gr 12.9
110-3637	8	SCREW, M4X0.7, 6mm, THM, PH, CS, NKL
110-3671	58	NUT, "U", BARREL, TAPERED, M5x0.8mm
110-3672	5	NUT, M8 X 1.25, CS, NYLOC, BLK E-COAT, GR-10
110-3673	5	NUT, M6X1, CS, JAM, BLK E-COAT, GR-8
110-3736	4	SCREW, #8-18, 1", HI-LOW, PHT, PH, CS, BZ
110-3919	8	SCREW,M10x1.5,110MM,SHC,HK,AS,GR12.9,NKL,PT
110-3924	3	SCREW,M6x1.0,10mm,HHC,HE,AS,GR12.9,NKL,FT
110-3951	4	SCREW, M8x1.25, 20mm, HK, AS, BEC, NP, Gr 12.9
110-3961	5	SCREW, M8x1.25, 45mm, SHC, HK, AS, BEC, NP, Gr 12.9
110-3970	5	SCREW,M6x1.0,35mm,HHC,HE,AS,ZC,GR12.9
110-3973	20	NUT,M10X1.5,AS,ZC,NYLON
110-4000	8	SCREW, M8x1.25, 35mm, SHC, HK, AS, BEC, Gr 12.9, NP
110-4015	1	SCREW, M4X0.7, 16mm, SHC, HK, AS, ZP, CL 10.9
110-4090	40	SCREW, #8-18, 0.625in, HI-LO, PHT, PH, AS, ZP
110-4113	1	SCREW,M6 X1.0, 20mm, BHS,HK, ECB
110-4114	4	Washer, M6, Ø6.5xØ16x1mm, ECB
110-4139	4	SCREW,M6x1.0,20mm,SHC,HK,AS,GRD-12.9,DAC-ZP
110-4187	4	NUT, DOMED CAP, NYLOC, M8x1.25, CS, BEC, GRD. 8, DIN 986
110-4195	4	SCREW,M8x1.25,60mm,HHC,HE,AS,12.9,BEC,PT
110-4199	1	SCREW, SPRING ANCHOR, M8x1.25 STUD
110-4218	2	WASHER, M6, 7x32x1.5mm, CS, ZP
110-4226	32	SCREW, ST4.8x1.6x13, PHTF, PH, CS, BZ, SF, 8.8
110-4229	36	SCREW, M5x0.8x30, PHM, PH, CS, BZ, DP
110-4297	2	SCREW, M4x0.7, 6mm, BHC, HK, CS, BEC, Gr 8.8
110-4314	4	SCREW, M12 X 1.75, 50mm, FHC, HE, AS, ZP, Grd-10.9
110-4329	8	SCREW, M5x0.8x20, PHM, PH, CS, BZ, DP
110-4364	24	NUT, M8x1.25, AS, NP, FLANGE, SERRATED
110-4377	2	NUT, 1/2-13, THIN, NYLON LOCK
120-3030	4	WASHER, 1/2 X 1.0625 OD X .093
120-3246	4	WASHER, M6, ISO 7089
120-3371	16	WASHER, ID: 4.3mm, OD: 14mm, THK: 1mm, SS
120-3387	12	WASHER, M8, 8.6x16x1.6mm, BLK E-COAT
120-3418	16	WASHER, M10, FLAT, 10.5x20x2, CS, BCE
120-3427	6	WASHER, M8, 8.4x14.0x1mm, FLAT, CS, BEC
120-3448	4	WASHER, FLAT, M10, 10.5mm ID x 20mm OD, 2mm THK
120-3454	4	SPACER, 10.2MM ID, 36MM OD, MOTOR, 4-TR
120-3455	8	WASHER, RUBBER, 14.1MMX36MMX5MM
120-3528	16	WASHER, M8, 8.5x19x1mm, CS, BLK E-COAT

Part Number	Qty	Description
130-1699	1	BELT, RB PRO
130-1788	2	WHEEL, OD: 6", BORE: 5", PP, NF
130-1791	1	ASSY, SPROCKET, Ø5/8"ID, 14T, #40
130-1954	1	ASSY, CHAIN, #40, 1/2", DRIVE W/ MSTRLINK, 8GX
140-3232	1	CLAMP, WIRE, SADDLE, 1.0"
140-3485-KT	2	KIT, ADJUST, FOOT, TC
140-3588	1	CLAMP, SCREW MOUNT, BCS POWER
140-3722	2	Grommet Rubber 1.625
140-3779	4	SNAP RING, EXTERNAL, SPIRAL, 30mm
140-3783	1	SPRING, EXTENSION, DBL. HOOK, SM
220-0270	1	ADAPTER,CORD LINE, NEMA 5-15
220-0271	1	ADAPTER,CORD LINE, NEMA 6-15
220-0272	1	ADAPTER, CORD LINE, CEE 7/7
240-6901	2	TAB, QUICK DISCONNECT, .250 TIN, PAIR
410-0959	1	ASSY, RESISTOR, 47OHM, 750W
701-0021-XX-KT	2	KIT, ASSY, CUP HOLDER, W/ SCREWS
701-0386-XX	1	ASSY, CENTER CONSOLE, 10G
711-3494	1	CABLE, MAIN INTERFACE, EXTENDED, SM
711-3596	6	PLATE, COMPRESSION, P. BLOCK PATTERN
711-3644	1	ASSY, WHEEL, DISK, RPM, 10G
711-3656	1	ASSY, PULLEY, W/ SET SCREW, 230mm, J10, 10G
711-3756	1	ASSY, HARNESS, CSAFE, 10G
711-3757	1	ASSY, ELECT, FRONT, 10G
711-3770	2	PLATE, NUT, JACK SCREW BASE, MOTOR YAW/PITCH
711-3776	2	ASSEM., PLASTICS, HEART RATE, NO KEYPAD, 10G
711-3905	8	ASSY, STEP, RISE/RUN SET, 8GX
711-3935	1	ASSY., AXLE, TOP, 8GX
711-3942	1	ASSY, AXLE, BOTTOM, 8GX
711-3945	1	BRACKET, ADJUST, PILLOW BLOCK, LEFT, 8GX
711-3946	1	BRACKET, ADJUST, PILLOW BLOCK, RIGHT, 8GX
711-3957	8	KIT, STEP AXLE, HARDWARE
711-3958	1	ASSY, TORQUE TRANSFER MODULE, 8GX
711-3963	1	ASSY, SENSOR, RPM, NRG
711-3964	1	ASSY, BASE MODULE, TORQUE TRANSFER, 8GX
711-3965-XX	1	ASSY, STEP, COURTESY, LEFT, 8GX
711-3967-XX	1	ASSY, STEP, COURTESY, RIGHT, 8GX
711-3969	1	PLATE, WASHER, BOLT PATTERN, 8GX
711-3972	1	ASSY., IDLER, TRANSFER LINE, 8GX
711-3985-XX	1	ASSY, MAST, DISPLAY, RIVET NUTS, 8GX
711-4014	6	ASSEM.,SHROUD MOUNT 1 w/HARDWARE, SM
711-4015	4	ASSEM.,SHROUD MOUNT 2 w/HARDWARE, SM
711-4016	2	ASSEM.,SHROUD MOUNT 3 w/HARDWARE, SM
711-4054	1	ASSY, TENSIONER, BELT, MOTOR, 8GX
711-4061-XX	2	ASSY, SIDE FRAME W/ HARDWARE, 8GX
711-4062	1	ASSY, PVC DIP, HALDRAIL UPPER, LEFT, 8GX
711-4063	1	ASSY, PVC DIP, HALDRAIL UPPER, RIGHT, 8GX
711-4064	1	CABLE, +/- & STOP, FRAME TO DISPLAY, 8GX
711-4065	1	CABLE, HEART RATE, FRAME TO DISPLAY, 8GX

Part Number	Qty	Description
711-4066	1	CABLE, +/-, KEYPAD, 8GX
711-4067	1	CABLE, STOP BUTTON, KEYPAD, 8GX
711-4068	2	CABLE, HEART RATE, PLATE, 8GX
711-4070	1	ASSY, MOTOR W/ BRAKE & SHIELD, 8GX
711-4072	1	ELECTRONICS, LCB, 8GX
711-4074	1	KIT, HARDWARE PACK, 8GX
711-4075	1	PLATE, WASHER, SHROUD GROMMET, 8GX
711-4079-XX	1	ASSEM., PLASTIC SHROUD, BRANDED, SM, 8GX, L
711-4080-XX	1	ASSEM., PLASTICS SHROUD, BRANDED, SM, 8GX, R
711-4102-XX	1	ASSEM., LOW SKIRT SHROUD, L, 8GX
711-4103-XX	1	ASSEM., LOW SKIRT SHROUD, R, 8GX
711-4104	1	ASSY, PLATE, RUNNER, BEARING, LEFT, 8GX
711-4105	1	ASSY, PLATE, RUNNER, BEARING, RIGHT, 8GX
711-4106	2	PLATE, COMPRESSION, NECK MOUNT, 8GX
712-4022	1	POWER SUPPLY, 90-260VAC/12VDC 5A MIN
721-1287	1	VIDEO COAX
731-0373	4	WASHER,PLAIN,M6
731-0512	2	STICKER,WARNING,PINCH
731-0584	4	SCREW,#8-18,3/8",PHT,PH
731-2346	4	WASHER,M10,FENDER,BZ
731-2855	2	CAP END 60MM TUBE
731-2969	1	WASHER,M16,NP
731-5177	4	SCREW,M6 X1.0, 20mm, BHS,HK,NP
731-6019	4	SCREW,M8 X1.25,50mm,SHC,HK, ZP
740-4552	4	PILLOW BLOCK, Ø25mm ID
740-7186	4	Screw, M5x0.8, 12mm, BHC, HK, SS
740-7896	2	Screw, M4.2, 12mm, PHT, PH, SS
SM27268	2	ASSY,STEP DRIVE CHAIN W/LINK

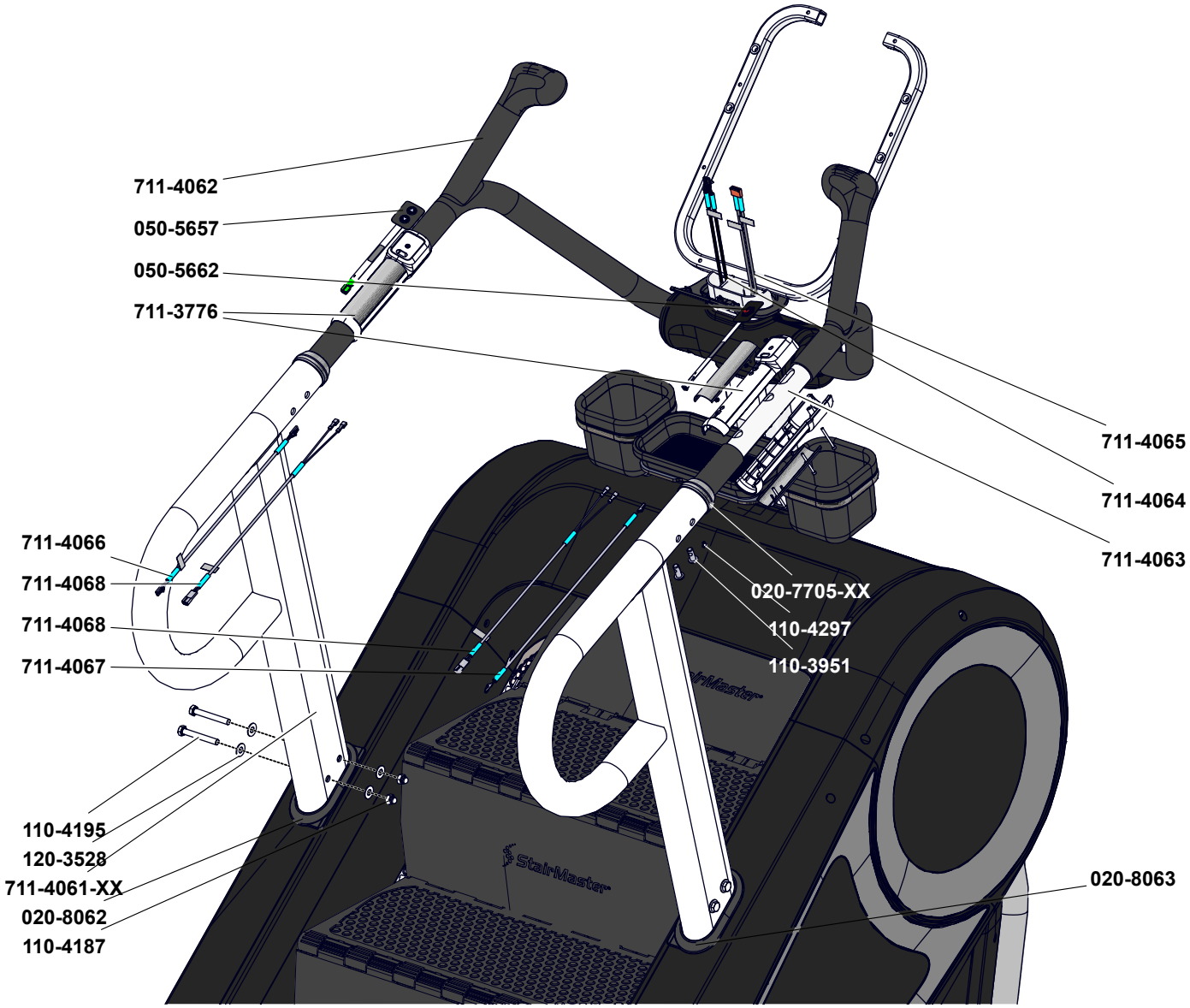

711-4062
050-5657
050-5662
711-3776
711-4065
711-4064
711-4063
711-4066
711-4068
711-4068
711-4067
020-7705-XX
110-4297
110-3951
110-4195
120-3528
711-4061-XX
020-8062
110-4187
020-8063

Fig. 39

CENTER MAST & PHONE HOLDER DETAIL

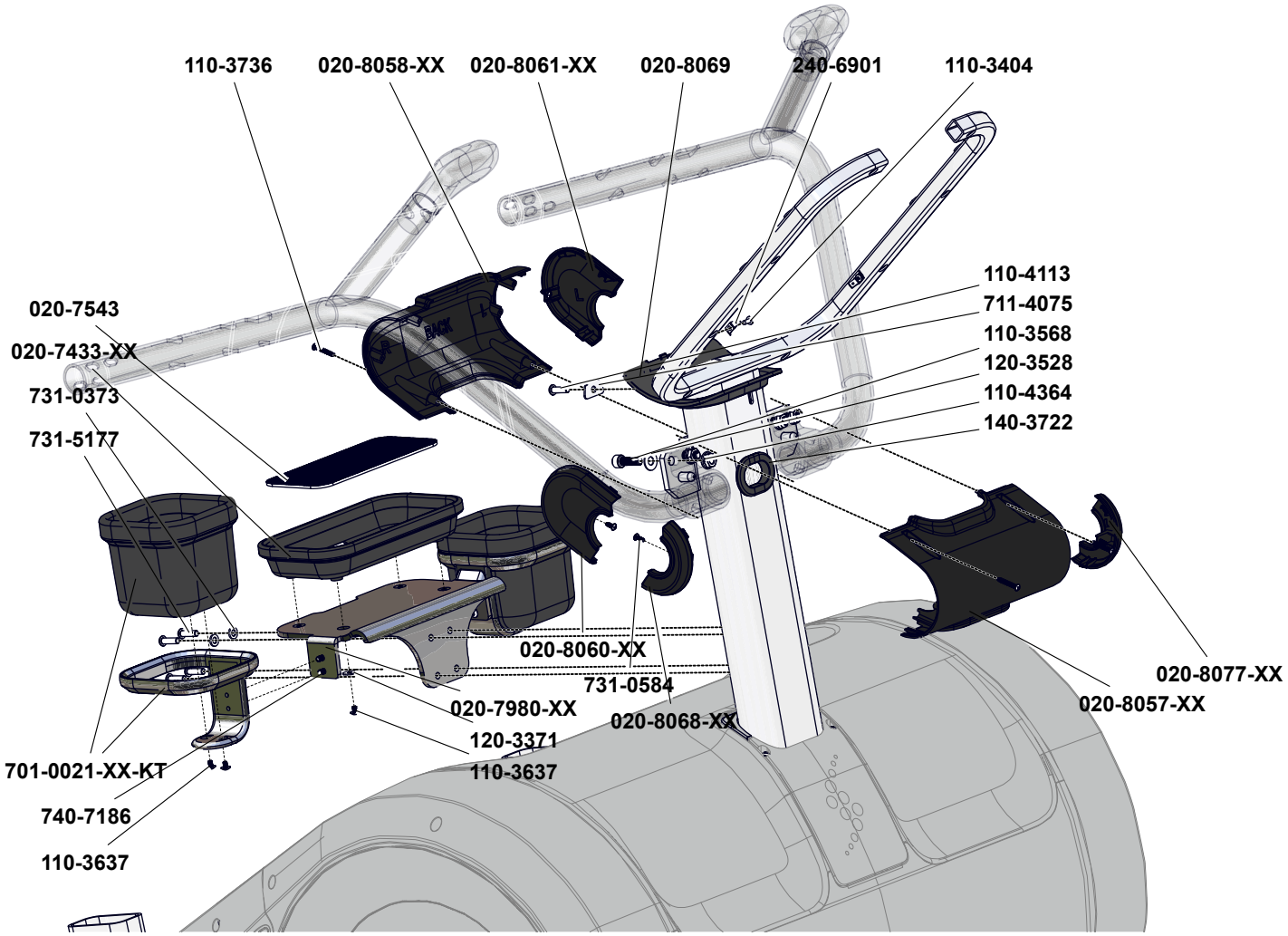


Fig. 40

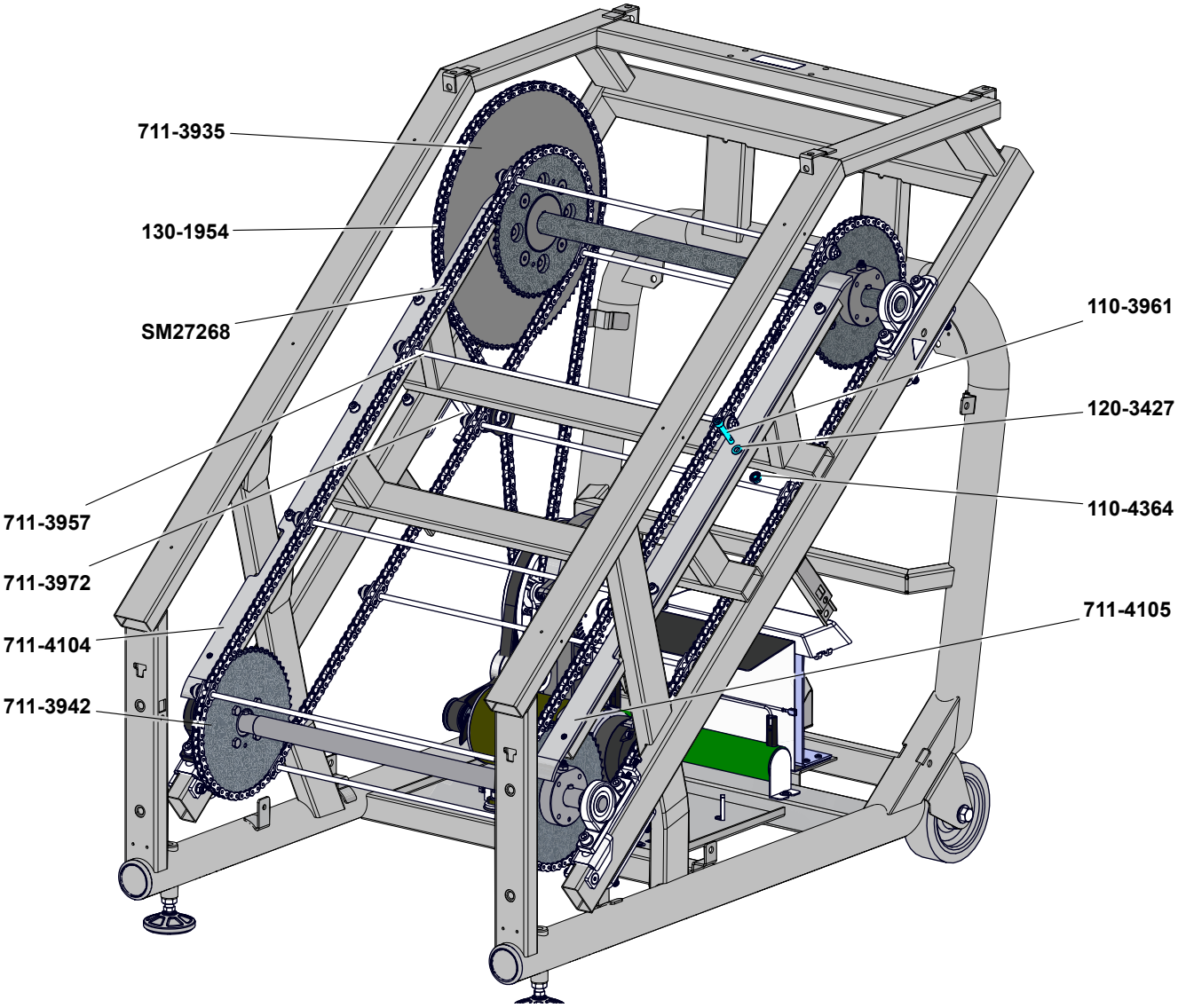

711-3935
130-1954
SM27268
711-3957
711-3972
711-4104
711-3942
110-3961
120-3427
110-4364
711-4105

Fig. 41

COURTESY STEP DETAIL & OTHER FRAME PARTS

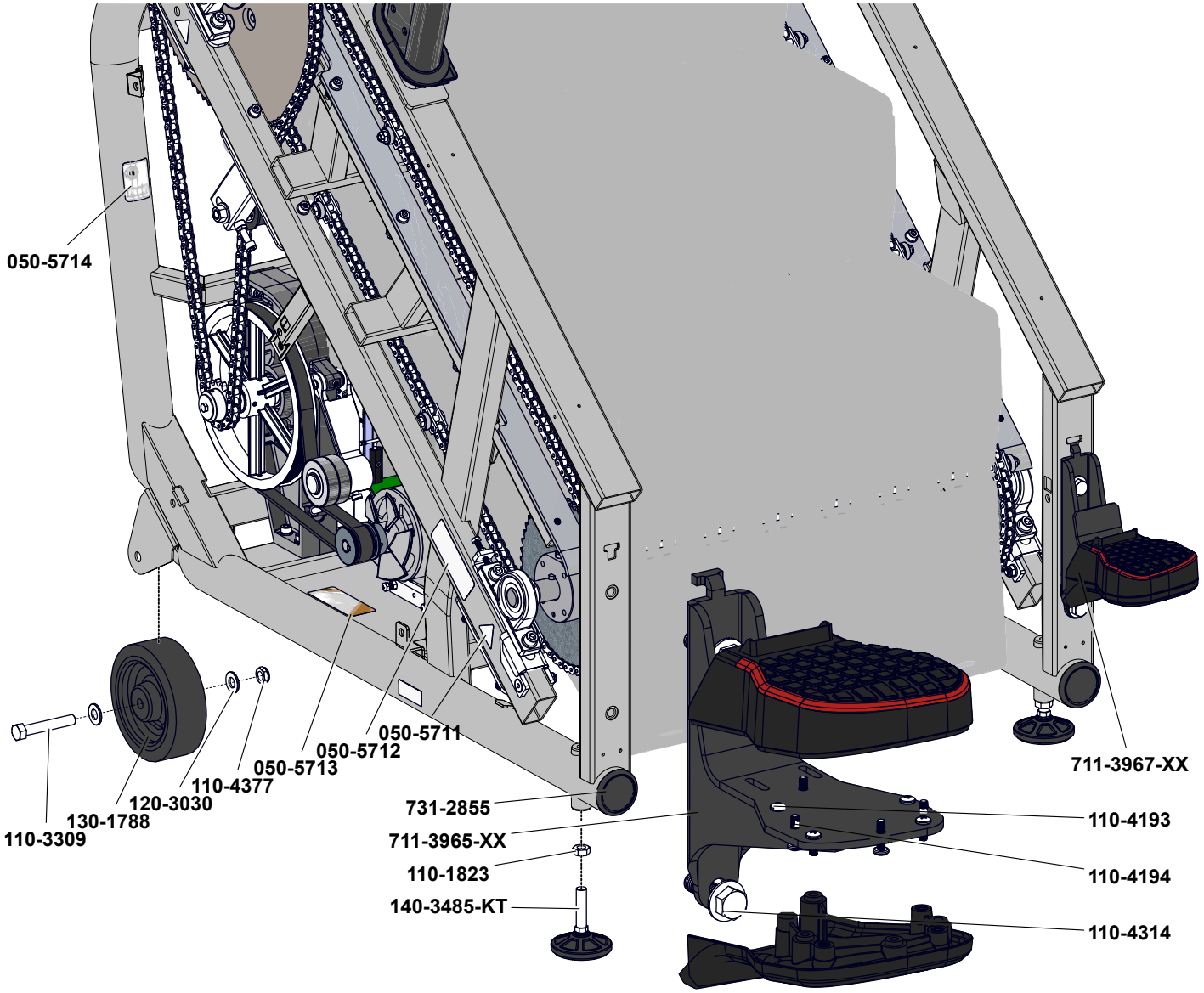


Fig. 42

DRIVE BELT DETAIL

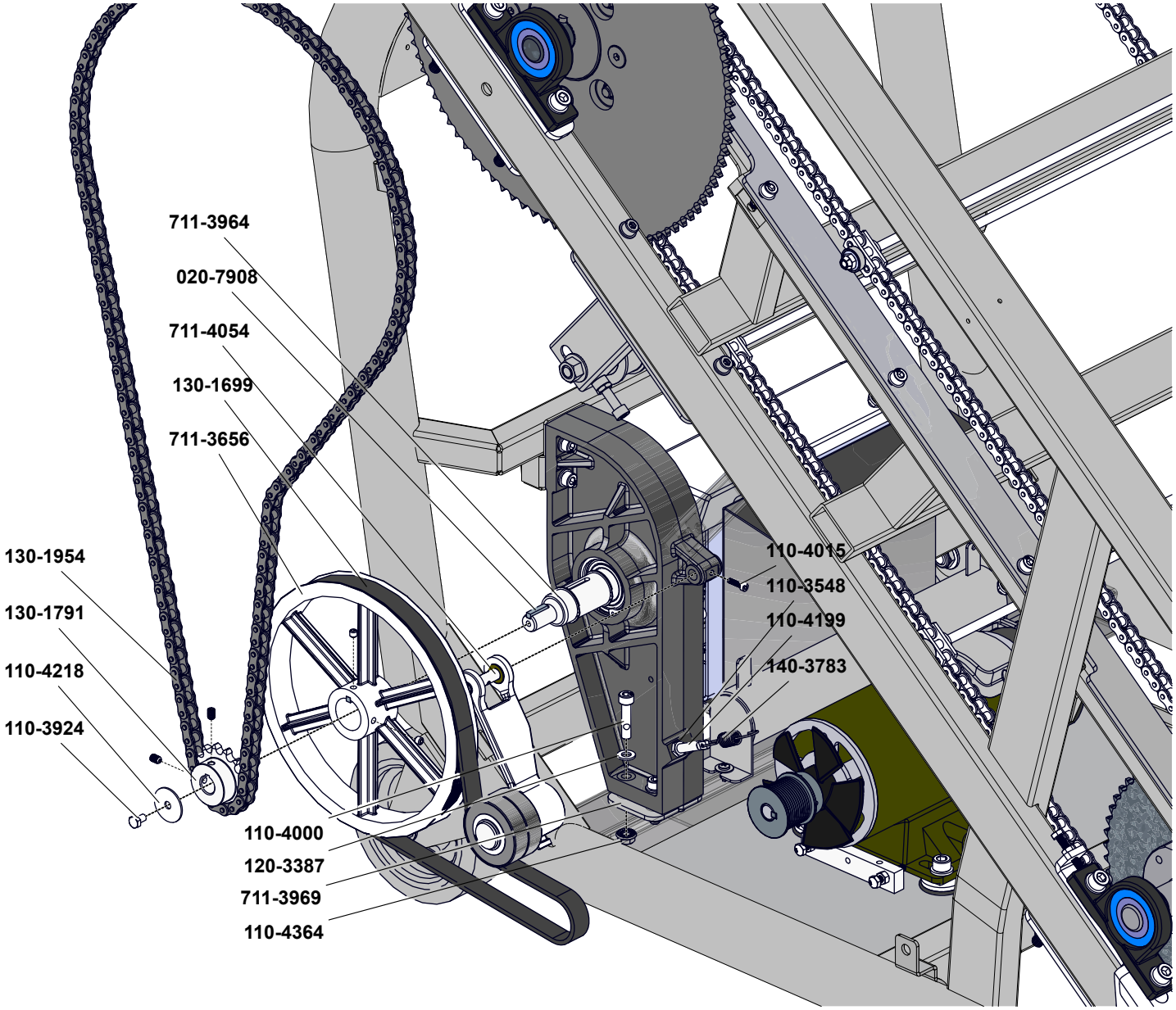


Fig. 43

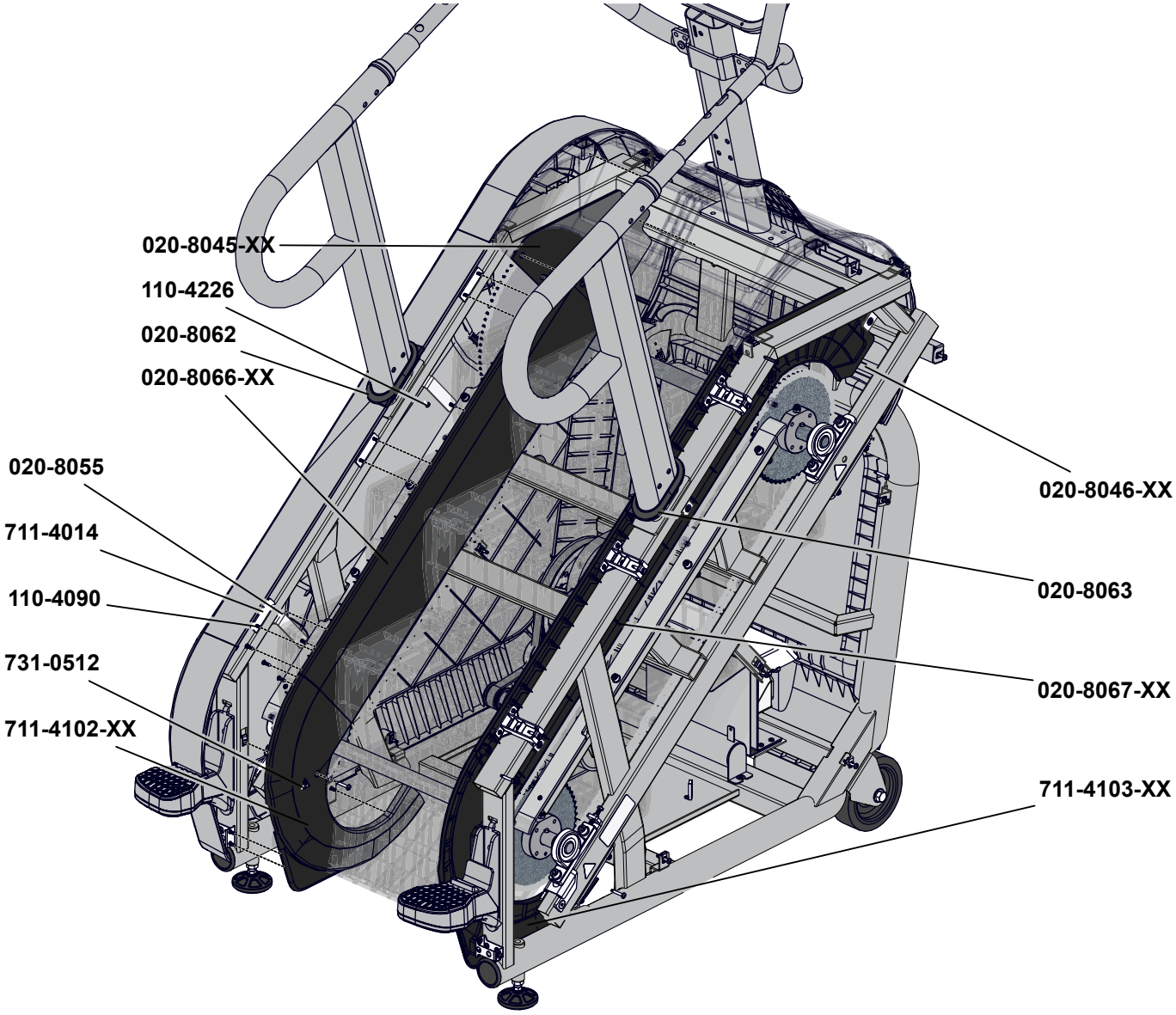

020-8045-XX
110-4226
020-8062
020-8066-XX
020-8055
711-4014
110-4090
731-0512
711-4102-XX
020-8046-XX
020-8063
020-8067-XX
711-4103-XX

Fig. 44

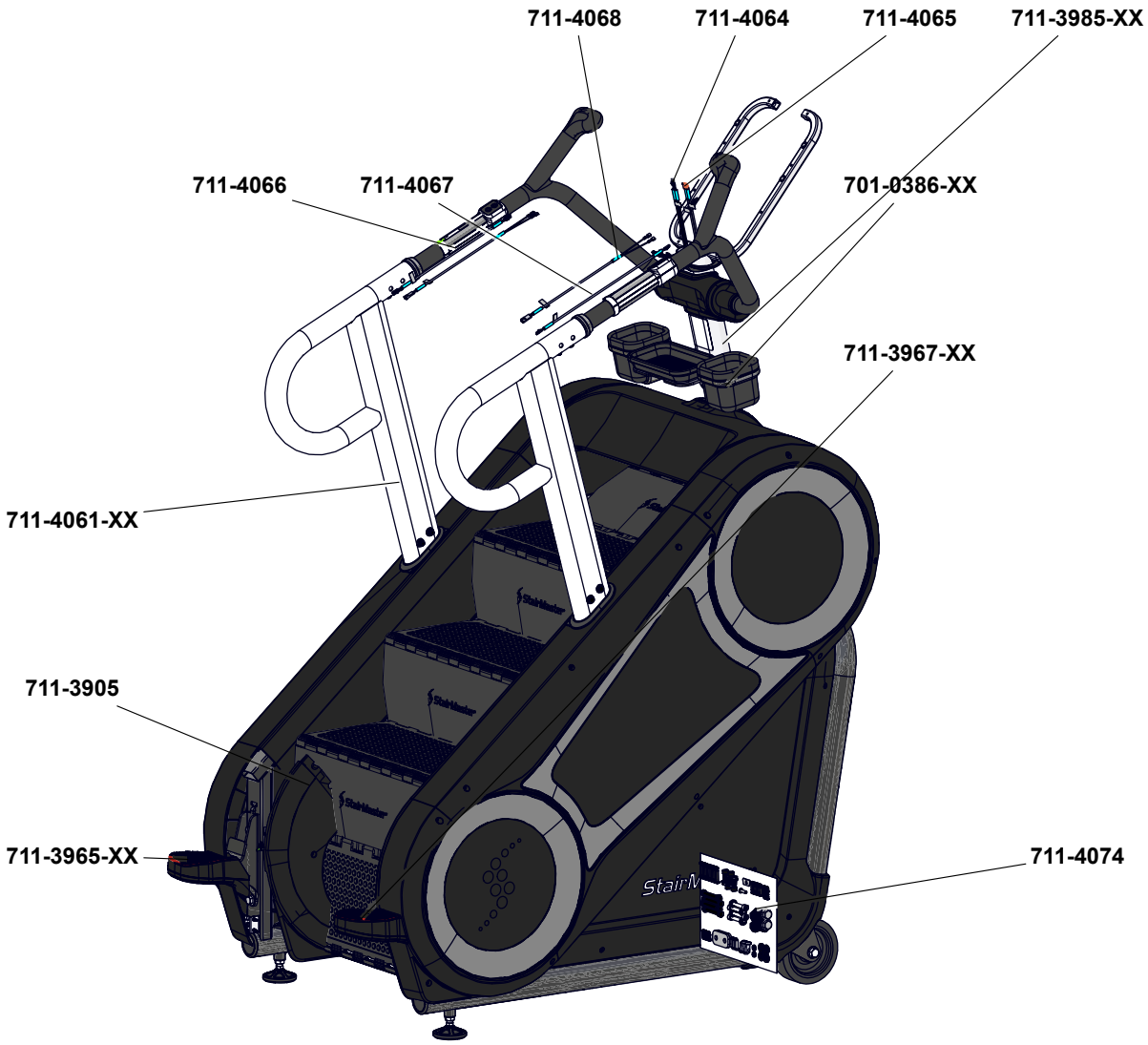

711-4068
711-4064
711-4065
711-3985-XX
711-4066
711-4067
701-0386-XX
711-3967-XX
711-4061-XX
711-3905
711-3965-XX
711-4074

Fig. 45

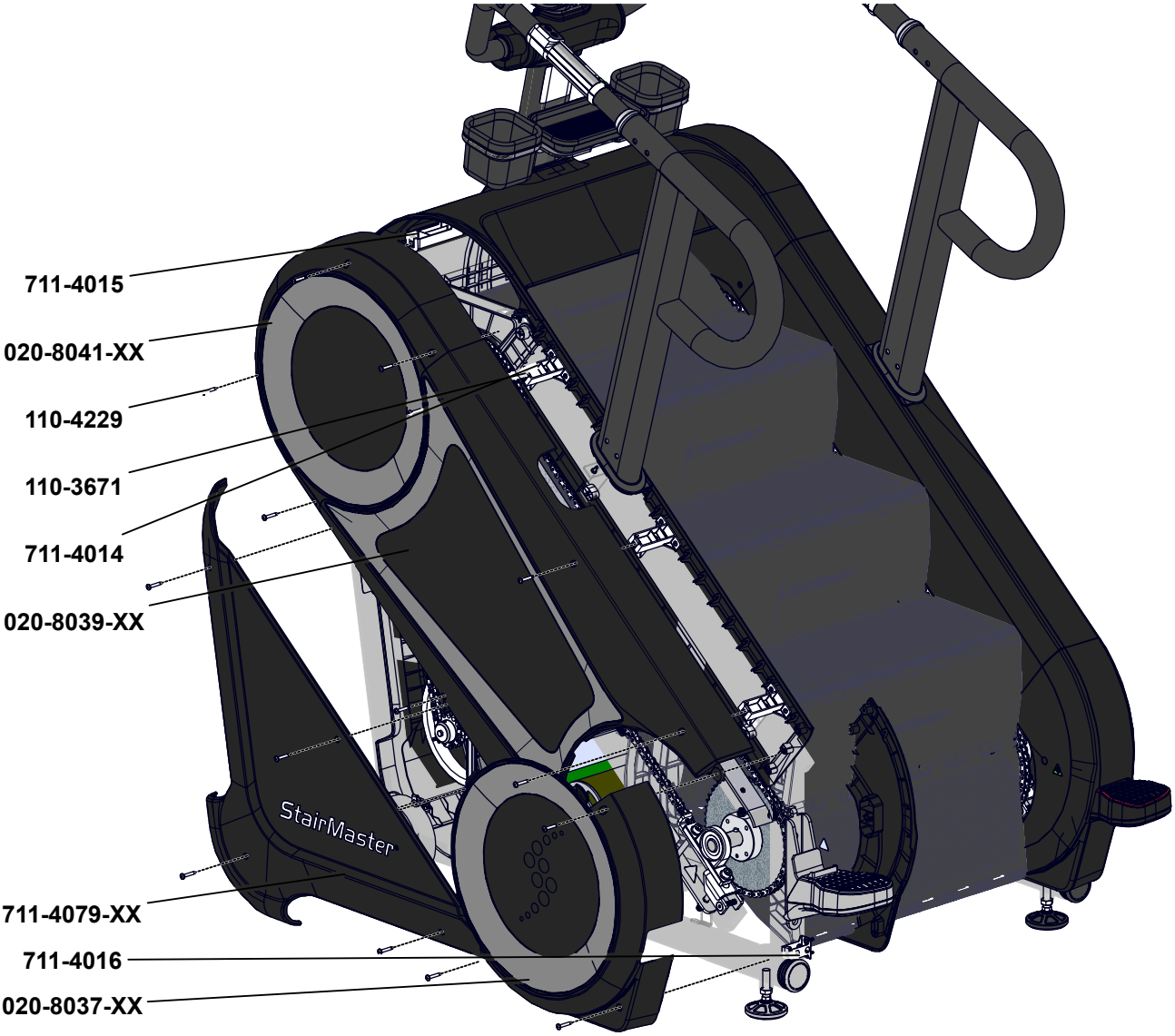

711-4015
020-8041-XX
110-4229
110-3671
711-4014
020-8039-XX
711-4079-XX
711-4016
020-8037-XX
StairMaster

Fig. 46

LOWER AXLE DETAIL

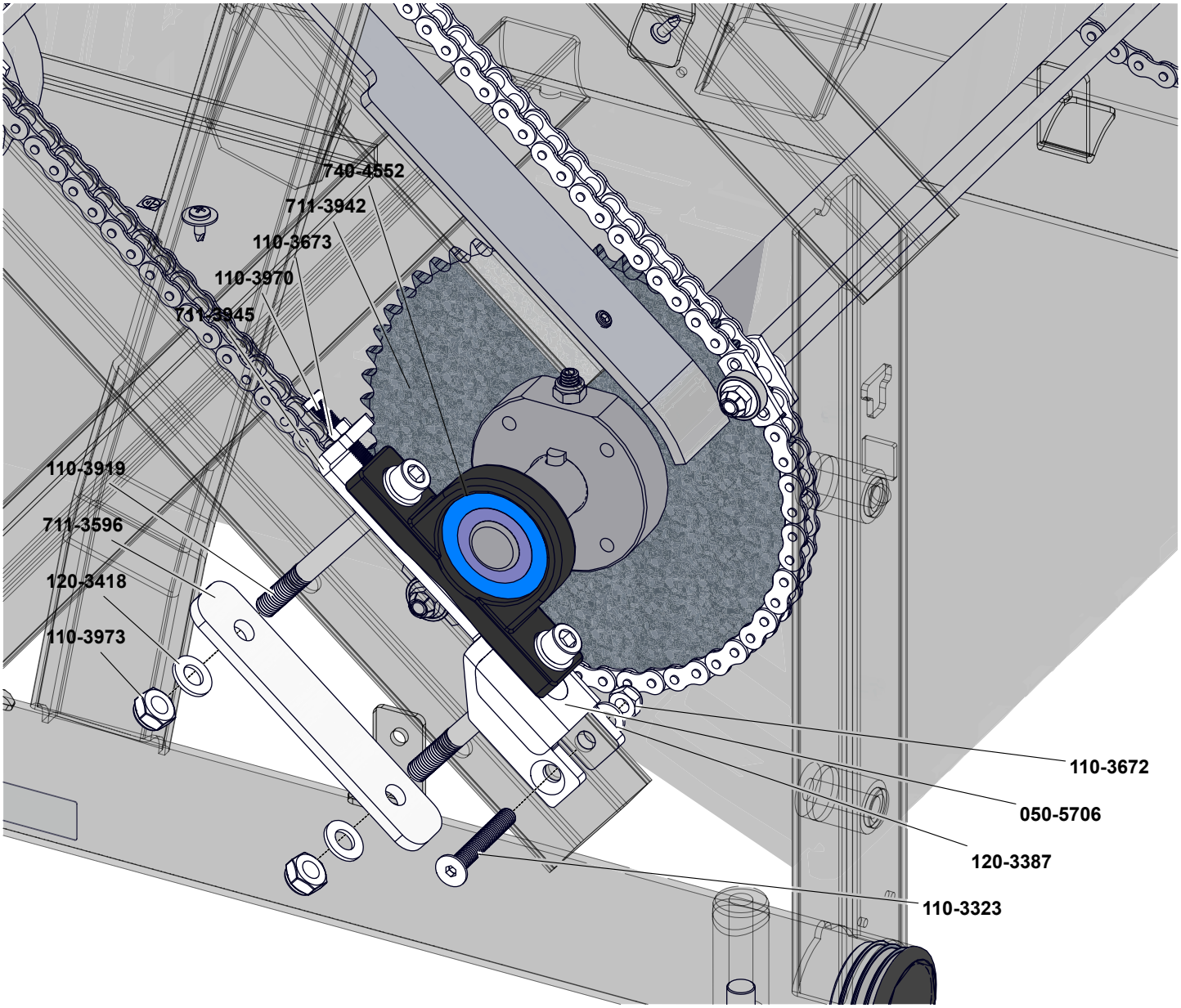


Fig. 47

MAST/FRAME DETAIL

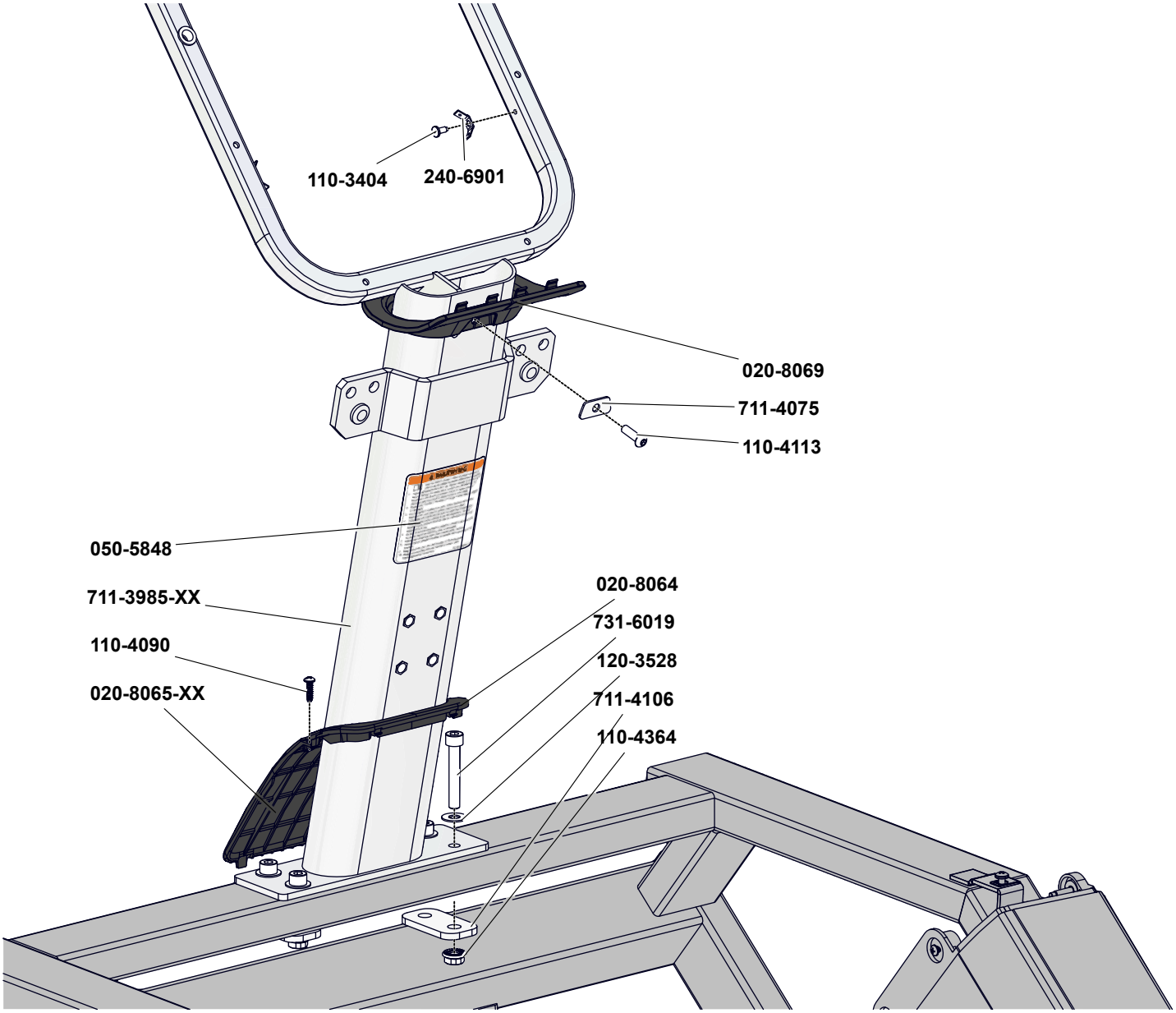


Fig. 48

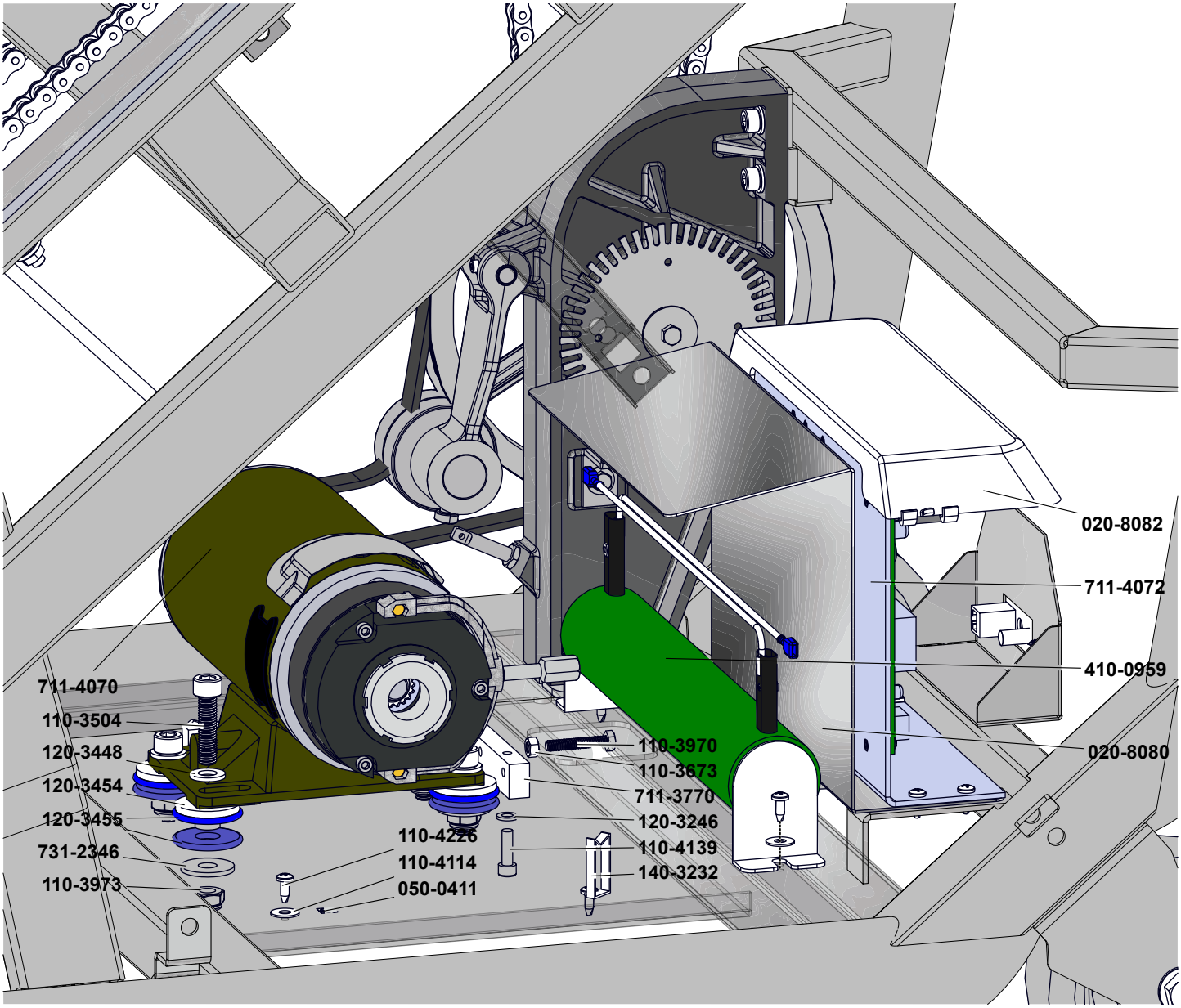

020-8082
711-4072
410-0959
020-8080
711-4070
110-3504
120-3448
120-3454
120-3455
731-2346
110-3973
110-4226
110-4114
050-0411
110-3970
110-3673
711-3770
120-3246
110-4139
140-3232

Fig. 49

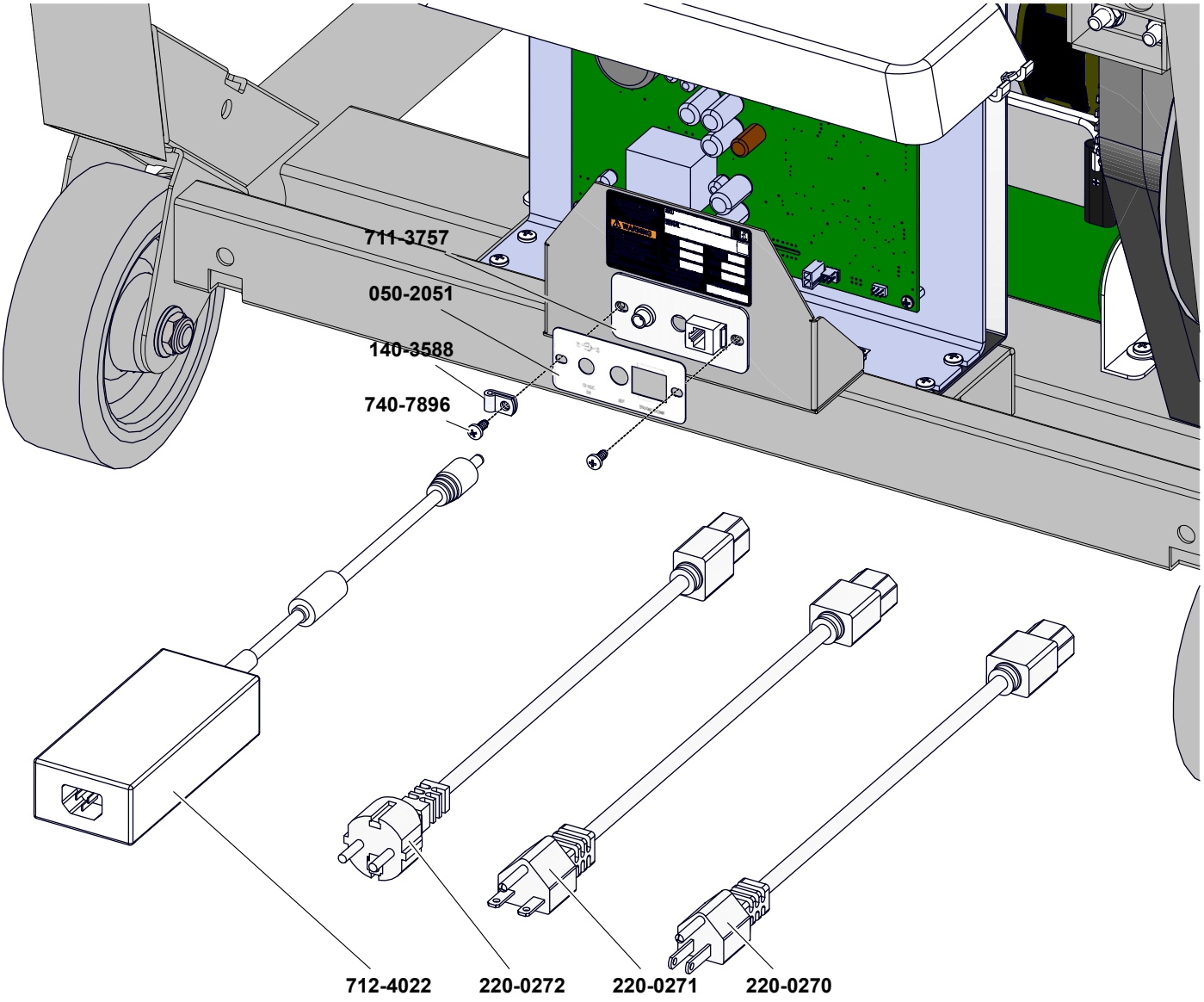

711-3757
050-2051
140-3588
740-7896
712-4022
220-0272
220-0271
220-0270

Fig. 50

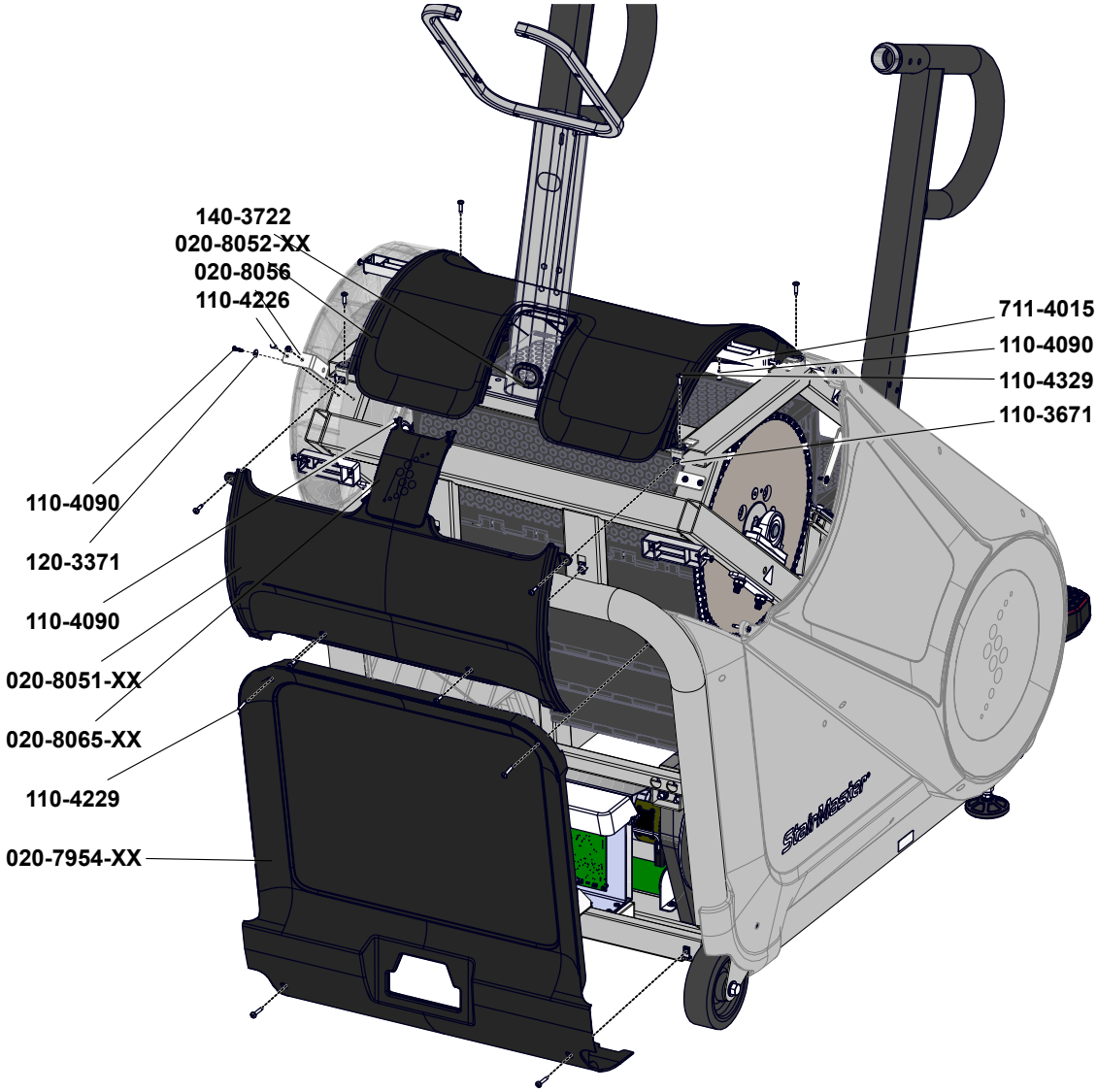

140-3722
020-8052-XX
020-8056
110-4226
711-4015
110-4090
110-4329
110-3671
110-4090
120-3371
110-4090
020-8051-XX
020-8065-XX
110-4229
020-7954-XX

Fig. 51

RIGHT SHROUDS & HARDWARE

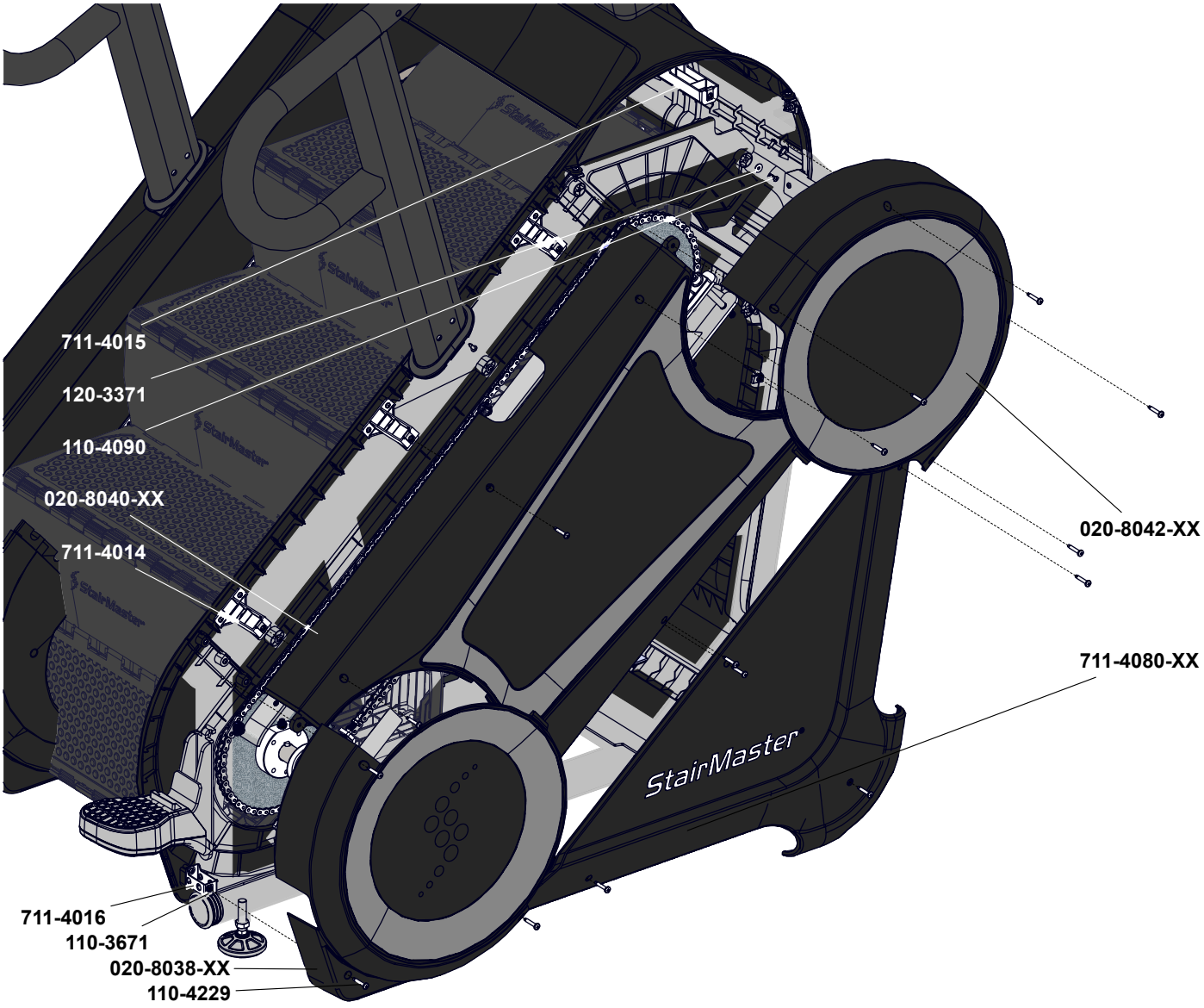


Fig. 52

RPM SENSOR DETAIL

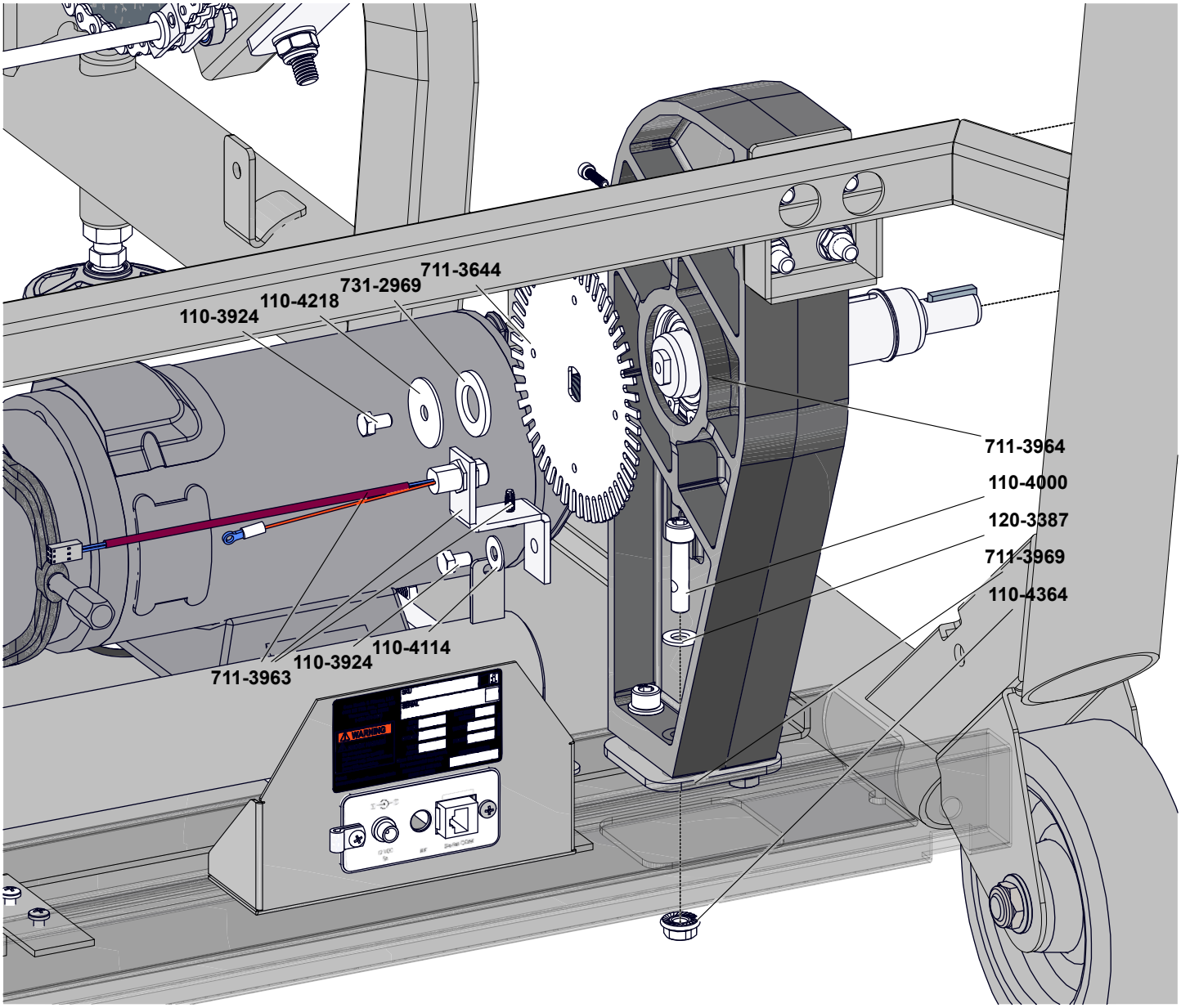


Fig. 53

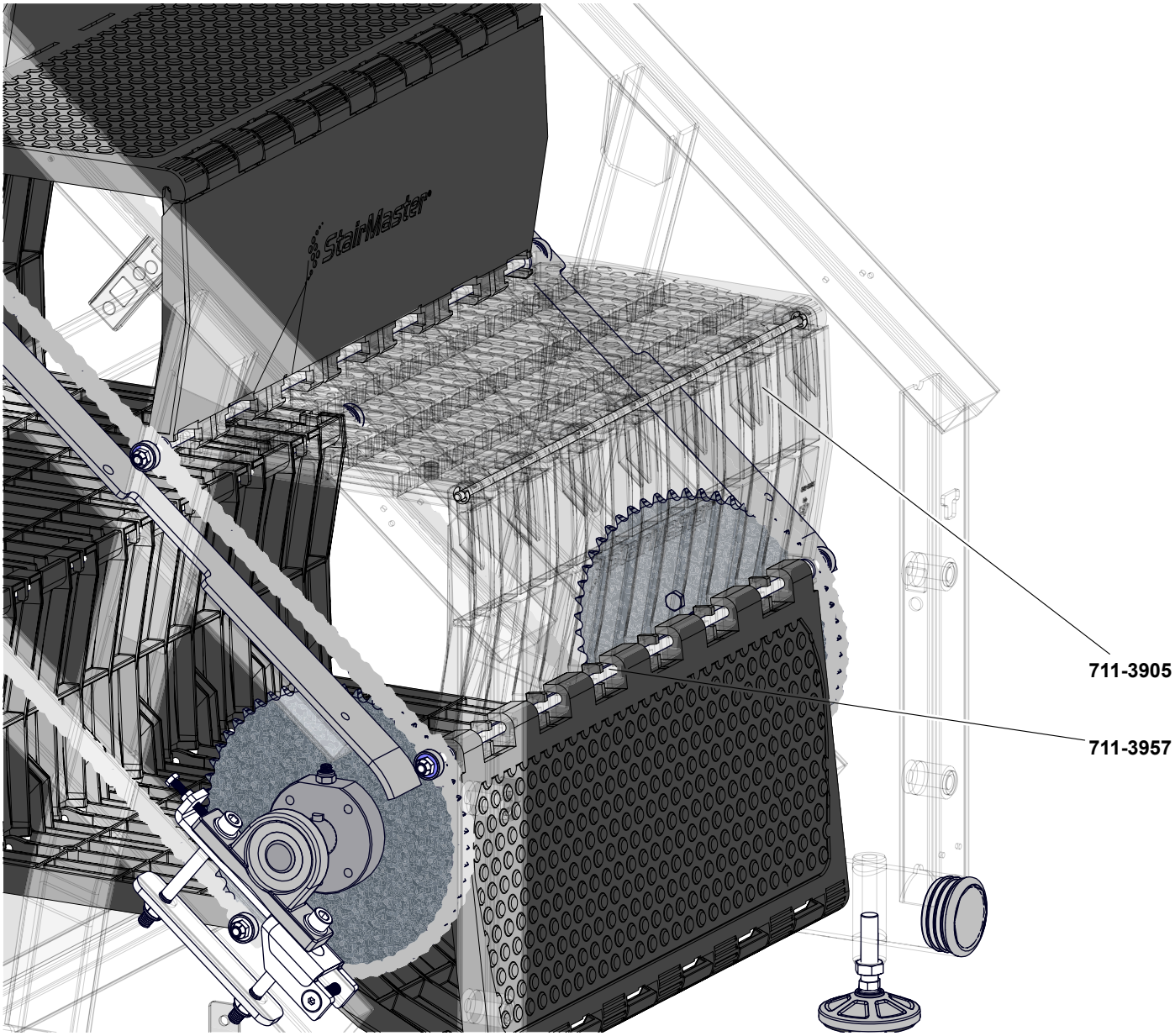


Fig. 54

UPPER AXLE & IDLER ASSEMBLY DETAIL

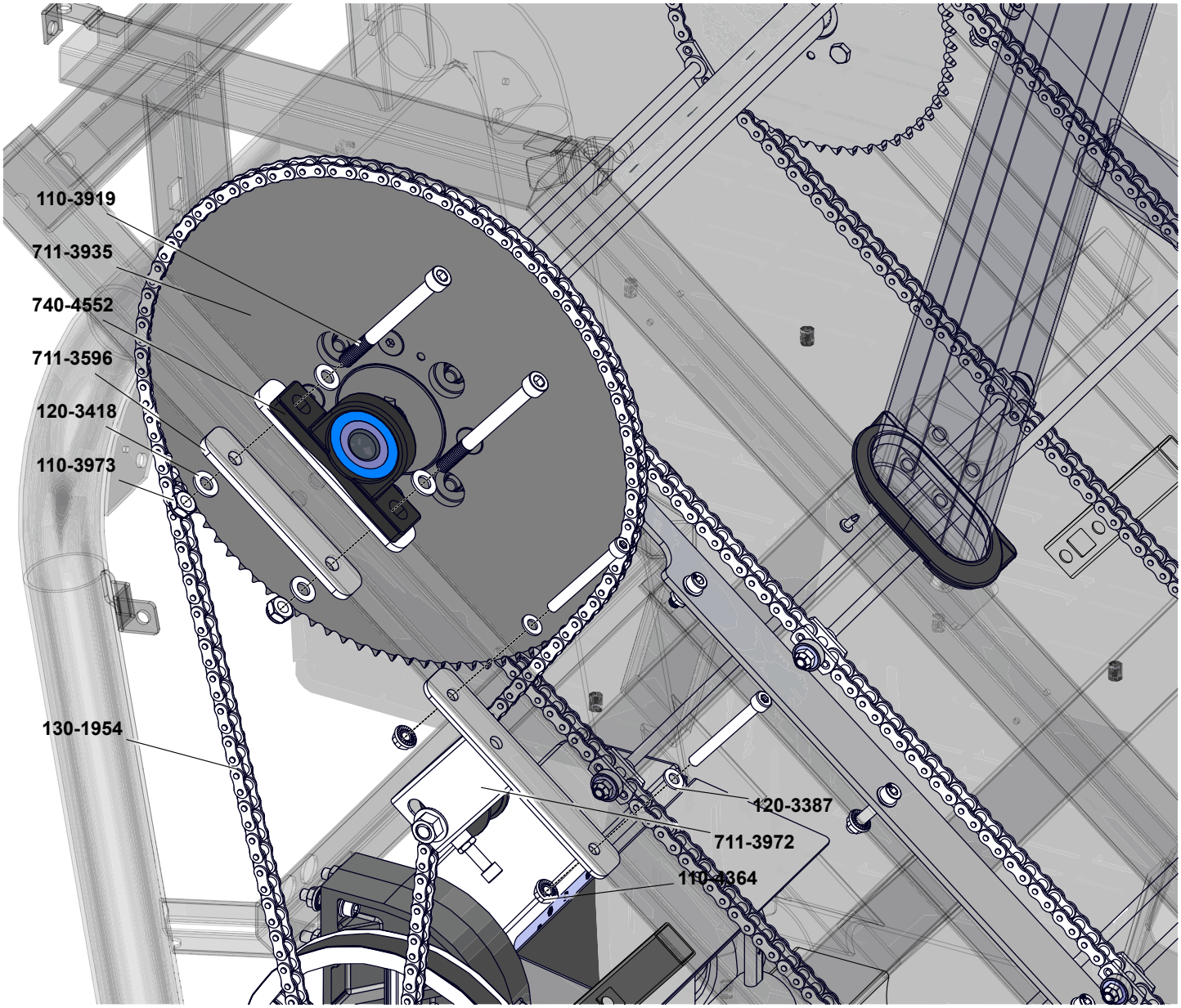
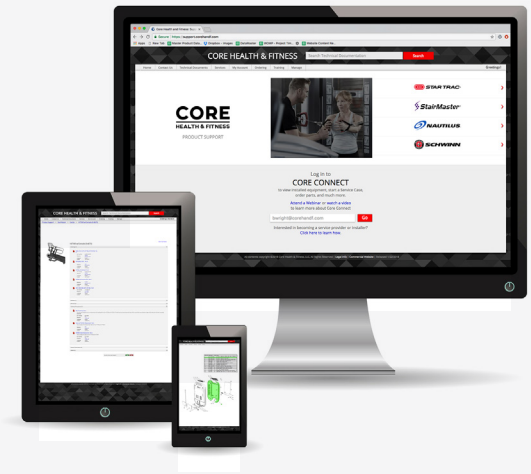


Fig. 55

CORE CONNECT

Core Connect is your portal to all things service! Whether you need to order parts or register your warranty, Core Connect is the most effective way to get what you need fast and keep your facility operating smoothly.



OFFERS 24-HOUR SELF SERVICE ACCESS TO:

- General Inquiries
- Warranty Registration
- Preventative Maintenance
- Service Requests
- Parts Orders
- Automated partner payment
- Product technical library
- Transparency on service performance
- 24-Hour Automated Assistant
- Live Chat

GET IT ON Google Play

Download on the App Store

Core Connect is accessible through our app on mobile devices

To request access scan or visit:

CONNECT.COREHANDF.COM

To help us support you, please provide the following information when requesting assistance with your equipment:

- Facility Name & Address
- Product Serial Number
- Description of Issue

Our goal is to provide fast, reliable support to all your product support requests. We strive to answer all support requests under an average hold time of 3 minutes, all support emails within 1 business day and all field service requests within 48 hours.

PREVENTATIVE MAINTENANCE

Protect your product & assure it always runs like new with a Core Advantage Preventative Maintenance or Extended Warranty Package. Contact your service manager for more information: servicecontracts@corehandf.com

For Technical Support, Service, Parts Orders or any Customer Service needs, please contact us by phone, email, or through our 24 hour support site:

PHONE & EMAIL SUPPORT AVAILABLE: MONDAY - FRIDAY 6AM - 5PM PST
4400 NE 77th Avenue, Suite 250 Vancouver, WA 98662
Tel: (360) 326-4090 • (800) 503-1221 • support@corehandf.com

Warranty information: https://corehandf.com/warranty

© 2022 CORE HEALTH & FITNESS LLC

PART NUMBER 637-8809, REV B

All rights reserved. Star Trac, the Star Trac logo and StairMaster are registered trademarks of Core Health & Fitness, LLC. Schwinn and Nautilus are registered trademarks of Nautilus Inc. used under license to Core Health & Fitness LLC. Throwdown is a registered trademark of Throwdown Industries, LLC.