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**NOTICE:** This document provides important safety instructions, adjustments, and general troubleshooting information for the maintenance of the Nautilus™ U618 Upright Bike.

**If you need assistance, please contact Customer Service (if purchased in US/Canada) or your local distributor (if purchased outside US/Canada). To find your local distributor, go to: [www.nautilusinternational.com](http://www.nautilusinternational.com)**


 **This icon means a potentially hazardous situation which, if not avoided, could result in death or serious injury. Read and understand all Warnings on this machine.**

Nautilus, Inc., [www.NautilusInc.com](http://www.NautilusInc.com), 5415 Centerpoint Parkway, Groveport, OH 43125 U.S.A. - Customer Service: North America (800) 605-3369, [csnls@nautilus.com](mailto:csnls@nautilus.com) | outside U.S. [www.nautilusinternational.com](http://www.nautilusinternational.com) | © 2016 Nautilus, Inc. | Nautilus, the Nautilus logo, and Nautilus Trainer are trademarks owned by or licensed to Nautilus, Inc. Inc., which are registered or otherwise protected by common law in the United States and other countries. Polar®, OwnCode®, Google Play™, Under Armour® and MyFitnessPal® are trademarks of their respective owners. App Store is a service mark of Apple Inc. The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc., and any use of such marks by Nautilus, Inc. is under license. | **ORIGINAL DOCUMENT - ENGLISH VERSION ONLY**

## Important Safety Instructions

 **This icon means a potentially hazardous situation which, if not avoided, could result in death or serious injury. Read and understand all Warnings on this machine.**

**Before servicing or using this equipment, obey the following warnings:**

 **Read and understand the Service Manual before working on the machine. Failure to obey the instructions and safety warnings could cause injury to the service technician or bystanders.**

**Disconnect all power to the machine before you service it.**

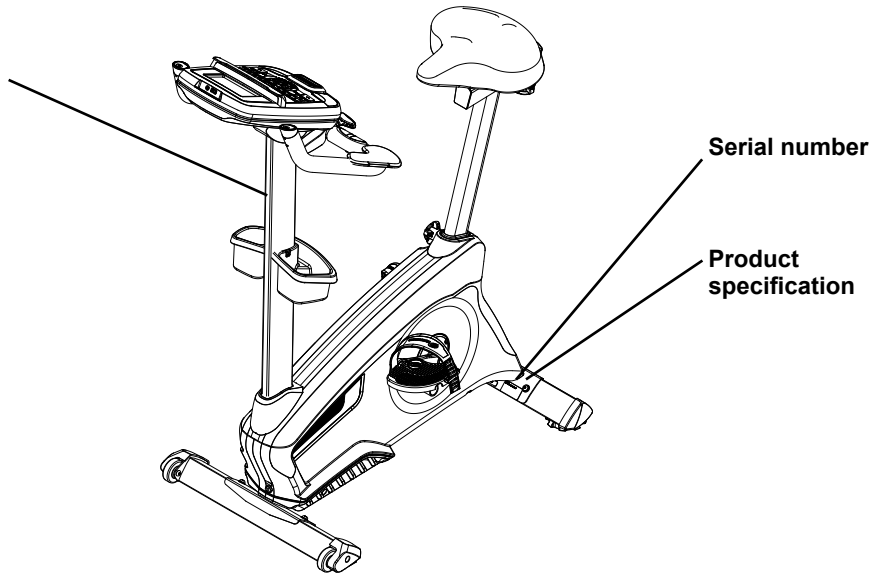
- Keep bystanders and children away from the product being serviced at all times.
- Make sure that the repair is done in an appropriate work space away from foot traffic and exposure to bystanders.
- Some components of the equipment can be heavy or awkward. Enlist the service of a second person when you do maintenance steps involving these components. Do not try to do heavy or awkward steps on your own.
- If replacement parts are necessary, use only genuine replacement parts and hardware supplied by Nautilus. Failure to use genuine replacement parts can cause a risk to users, keep the machine from operating correctly and void the warranty.
- Be sure that all warning stickers and instructional placards applied to the product stay present and in good condition when doing maintenance or replacing components. If at any time the Warning labels become loose, unreadable or dislodged, replace the labels. If purchased in US/Canada, contact Customer Service for replacement labels. If purchased outside US/Canada, contact your local distributor for them.
- Do not try to change the design or functionality of the machine being serviced as this can adversely affect user safety.
- Do not put the machine back in service until all shrouds, instructions, warning labels and correct functionality have been verified and tested for correct performance.

## Safety Warning Labels and Serial Number

### WARNING!

- Injury or death is possible if caution is not used while using this machine.
- Keep children and pets away.
- Read and follow all warnings on this machine.
- Refer to the Owner's Manual for additional warnings and safety information.
- The heart rate displayed is an approximation and should be used for reference only.
- Not intended for use by anyone under 14 years of age.
- The maximum user weight for this machine is 325 lbs ( 147 kg ).
- This machine is for home use only.
- Consult a physician prior to using any exercise equipment.

(The label on the product is available in English and French Canadian only.)



### Reading the Product Specification Decal

The Manufacture Date on the Product Specification Decal is a date code: YY/WW (year/week).

|                           |  |  |  |
|---------------------------|--|--|--|
| Manufacture Date Code:    |  |  |  |
| Date De Manufacture: YYWW |  |  |  |
|                           |  |  |  |
|                           |  |  |  |

## Specifications

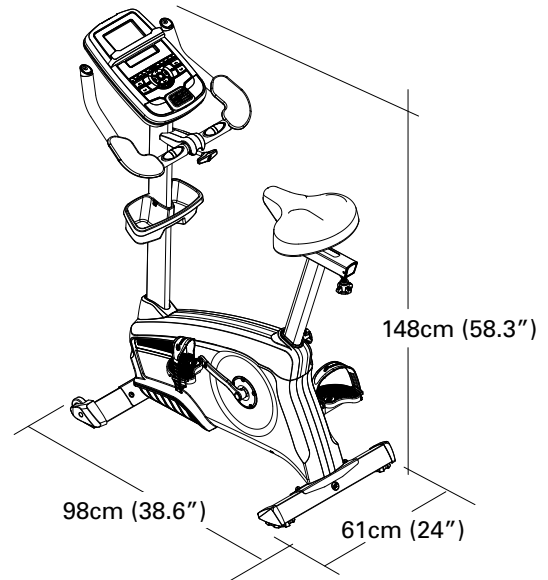
**Maximum User Weight:** 147.4 kg (325 lbs.)  
**Total Surface Area (footprint) of equipment:** 5670 cm<sup>2</sup>  
**Machine Weight:** 37.7 kg (83.1 lbs.)

### Power Requirements:

Input Voltage: 100 - 240V AC, 50/60Hz  
Output Voltage: 9VDC, 1.5A  
Heart Rate Chest Strap: 1 CR2032 battery



DO NOT dispose of this product as refuse. This product is to be recycled. For proper disposal of this product, please follow the prescribed methods at an approved waste center.



## FCC Compliance

**⚠** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The machine and power supply comply with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**Note:** This machine and power supply have 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, the user is encouraged to 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 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.



## Maintenance

Read all maintenance instructions fully before you start any repair work. In some conditions, an assistant is necessary to do the necessary tasks.

**⚠ Equipment must be regularly examined for damage and repairs. The owner is responsible to make sure that regular maintenance is done. Worn or damaged components must be repaired or replaced immediately. Only manufacturer supplied components can be used to maintain and repair the equipment.**

**If at any time the Warning labels become loose, unreadable or dislodged, replace the labels. If purchased in US/Canada, contact Customer Service for replacement labels. If purchased outside US/Canada, contact our local distributor for them.**

**Disconnect all power to the machine before you service it.**

### Daily:

Before each use, examine the exercise machine for loose, broken, damaged, or worn parts. Do not use if found in this condition. Repair or replace all parts at the first sign of wear or damage. After each workout, use a damp cloth to wipe your machine and Console free of moisture.

**Note:** Avoid excessive moisture on the Console.

**NOTICE:** If necessary, only use a mild dish soap with a soft cloth to clean the Console. Do not clean with a petroleum based solvent, automotive cleaner, or any product that contains ammonia. Do not clean the Console in direct sunlight or at high temperatures. Be sure to keep the Console free of moisture.

### Weekly:

Clean the machine to remove any dust, dirt, or grime from the surfaces. Check for smooth seat slider operation. If needed, apply a very thin coating of silicone lube to ease operation.

**⚠ Silicone lubricant is not intended for human consumption. Keep out of reach of children. Store in a safe place.**

**Note:** Do not use petroleum based products.

### Monthly

or after 20 hours:

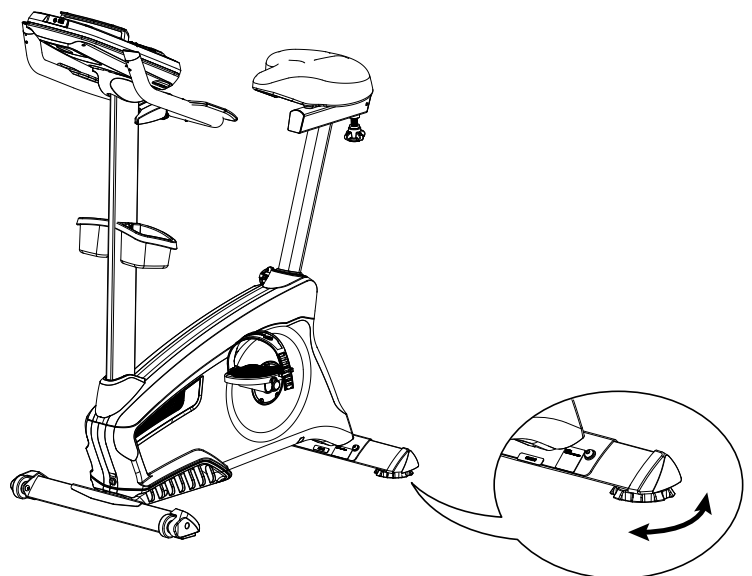
Check pedals and crank arms and tighten as necessary. Make sure all bolts and screws are tight. Tighten as necessary.

## Leveling Your Bike

Levelers are found on each side of the Rear Stabilizer. Turn the stabilizer foot to adjust

**⚠ Do not adjust the levelers to such a height that they detach or unscrew from the machine. Injury to you or damage to the machine can occur.**

Make sure the bike is level and stable before you exercise.



## Moving the Bike

To move the upright bike, carefully tilt the Handlebars toward you while pushing the front of the bike downward. Push the bike to the desired location.

**NOTICE:** Be careful when you move the bike. Abrupt motions can affect the computer operation.



## Bluetooth® Connectivity with the “Nautilus Trainer™” Fitness App

This fitness machine is equipped with Bluetooth® connectivity and can wirelessly sync with the “Nautilus Trainer™” Fitness App on supported devices. The Software App syncs with your fitness machine to track total calories burned, time, distance, and more. It records and stores every workout for quick reference. Plus, it automatically syncs your workout data with MyFitnessPal® and Under Armour® Connected Fitness to make hitting your daily calorie goal easier than ever! Track your results and share with friends and family.

1. Download the free Software App, named Nautilus Trainer™. The software app is available on the App Store and Google Play™.

**Note:** For a complete list of supported devices, review the software app on the App Store or Google Play™.

2. Follow the instructions on the Software App to sync your device to your exercise machine.
3. To sync your workout data with MyFitnessPal® or Under Armour® Connected Fitness, click on the desired program and login with your information.

**Note:** The “Nautilus Trainer™” Fitness App will automatically sync your workouts after the initial syncing.

## Workout with Other Fitness Apps

This fitness machine has integrated Bluetooth® connectivity which allows it to work with a number of digital partners. For our latest list of supported partners, please visit: [www.nautilus.com/partners](http://www.nautilus.com/partners)

## USB Charging

If a USB Device is attached to the USB Port, the Port will attempt to charge the Device.

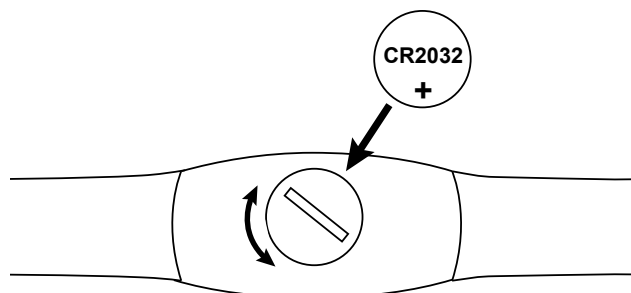
**Note:** Depending on the amperage of device, the power supplied from the USB Port may not be enough to operate the Device and charge it at the same time.

## Heart Rate Chest Strap Battery Replacement

The heart rate (HR) chest strap uses a CR2032 battery.

**⚠ Do not perform this procedure outdoors or in moist or wet locations.**

1. Using a coin, loosen the slotted cover on the battery bay. Remove the cover and battery.
2. When replacing the battery, insert it in the battery bay with the + symbol facing up.
3. Reinstall the cover on the strap.
4. Discard the old battery. Dispose of in accordance with local regulations and/or at approved recycling centers.
5. Inspect your chest strap to ensure function.



**⚠ Do not use until the equipment has been fully assembled and inspected for correct performance in accordance with the Owner's Manual.**

## Troubleshooting

| Condition/Problem                                    | Things to Check                          | Solution   |
|--|--|--|
| No display/partial display/<br>unit will not turn on | Check electrical (wall) outlet           | Make sure unit is plugged into a functioning wall outlet.  |
|  | Check connection on console              | Connection should be secure and undamaged. Replace adapter or connection at unit if either are damaged.  |
|  | Check data cable integrity               | All wires in cable should be intact. If any are visibly crimped or cut, replace cable.   |
|  | Check data cable connections/orientation | Be sure cable is connected securely and oriented properly. Small latch on connector should line up and snap into place.  |
|  | Check console display for damage         | Check for visual sign that console display is cracked or otherwise damaged. Replace Console if damaged.  |
|  | Console Display                          | If Console only has partial display and all connections are fine, replace the Console.   |
|  |  | If the above steps do not resolve the problem, contact Customer Service (if inside US/Canada) or your local distributor (if outside US/Canada).  |
| Unit operates but Contact HR not displayed           | HR cable connection at Console           | Be sure cable is connected securely to Console.  |
|  | Sensor grip                              | Be sure hands are centered on HR sensors. Hands must be kept still with relatively equal pressure applied to each side.  |
|  | Dry or calloused hands                   | Sensors may have difficulty with dried out or calloused hands. A conductive electrode cream (heart rate cream) can help make better conduct. These are available on the web or at medical or some larger fitness stores. |
|  | Handlebar                                | If tests reveal no other issues, Handlebars should be replaced.  |
| Unit operates but Telemetric HR not displayed        | Chest Strap (optional)                   | Strap should be "POLAR®" compatible and uncoded. Make sure strap is directly against skin and contact area is wet.   |
|  | Chest Strap Batteries                    | If strap has replaceable batteries, install new batteries.   |

| Condition/Problem  | Things to Check                                 | Solution  |
|--|---|---|
|  | Check User Profile                              | Select the Edit User Profile option for the User Profile. Go to the WIRELESS HR setting and make sure that the current value is set to ON.                                |
|  | Interference                                    | Try moving unit away from sources of interference (TV, Microwave, etc).   |
|  | Replace Chest Strap                             | If interference is eliminated and HR does not function, replace strap.  |
|  | Replace Console                                 | If HR still does not function, replace Console.   |
| Unit operates but Telemetric HR displayed incorrectly            | Interference                                    | Make sure that the HR receiver is not blocked by a personal electronic device in the left side of the media tray.   |
| No speed/RPM reading, Console displays "Please Pedal" error code | Check data cable integrity                      | All wires in cable should be intact. If any are cut or crimped, replace cable.  |
|  | Check data cable connections/orientation        | Be sure cable is connected securely and oriented properly. Small latch on connector should line up and snap into place.   |
|  | Check magnet position (requires shroud removal) | Magnet should be in place on pulley.  |
|  | Check Speed Sensor (requires shroud removal)    | Speed sensor should be aligned with magnet and connected to data cable. Realign sensor if necessary. Replace if there is any damage to the sensor or the connecting wire. |
| Resistance does not change (machine turns on and operates)       | Batteries (if equipped)                         | Replace batteries and check for proper operation.   |
|  | Check Console                                   | Check for visual sign that Console is damaged. Replace Console if damaged.  |
|  | Check data cable integrity                      | All wires in cable should be intact. If any are visibly crimped or cut, replace cable.  |
|  | Check data cable connections/orientation        | Be sure cable is connected securely and oriented properly. Reseat all connections. Small latch on connector should line up and snap into place.                           |
|  | Check Servo Motor (requires shroud removal)     | If magnets move, adjust until they are within the proper range. Replace Servo Motor if not functioning properly.  |
|  |   | If the above steps do not resolve the problem, contact Customer Service (if inside US/Canada) or your local distributor (if outside US/Canada).                           |
| Console shuts off (enters sleep mode) while in use               | Check electrical (wall) outlet                  | Make sure unit is plugged into a functioning wall outlet.   |
|  | Check connection on console                     | Connection should be secure and undamaged. Replace adapter or connection at unit if either are damaged.   |
|  | Check data cable integrity                      | All wires in the cable should be intact. If any are cut or crimped, replace cable.  |
|  | Check data cable connections/orientation        | Be sure cable is connected securely and oriented properly. Small latch on connector should line up and snap into place.   |
|  | Reset Machine                                   | Unplug unit from electrical outlet for 3 minutes. Reconnect to outlet.  |
|  | Check magnet position (requires shroud removal) | Magnet should be in place on pulley.  |
|  | Check Speed Sensor (requires shroud removal)    | Speed sensor should be aligned with magnet and connected to data cable. Realign sensor if necessary. Replace if there is any damage to the sensor or the connecting wire. |

| Condition/Problem  | Things to Check                          | Solution   |
|--|--|--|
| Fan will not turn on or will not turn off  | Check data cable integrity               | All wires in cable should be intact. If any are cut or crimped, replace cable.   |
|  | Check data cable connections/orientation | Be sure cable is connected securely and oriented properly. Small latch on connector should line up and snap into place.  |
|  | Reset machine                            | Unplug unit from electrical outlet for 3 minutes. Reconnect to outlet.   |
| Fan will not turn on, but Console operates   | Check for blockage of fan                | Unplug unit from electrical outlet for 5 minutes. Remove material from fan. If necessary, detach the Console to help with removal. Replace the Console if unable to remove blockage. |
| Unit rocks/does not sit level  | Check leveler adjustment                 | Adjust levelers until bike is level.   |
|  | Check surface under unit                 | Adjustment may not be able to compensate for extremely uneven surfaces. Move bike to level area.   |
| Pedals loose/unit difficult to pedal   | Check pedal to crank arm connection      | Pedal should be tightened securely to crank. Insure connection is not cross-threaded.  |
|  | Check crank arm to axle connection       | Crank should be tightened securely to axle. Be sure cranks are connected at 180 degrees from each other.   |
| Clicking sound when pedaling   | Check pedal to crank arm connection      | Remove pedals. Make sure there is no debris on threads, and reinstall the pedals.  |
| Seat post movement   | Check locking pin                        | Be sure adjustment pin is locked into one of the seat post adjustment holes.   |
|  | Check adjustment knob                    | Be sure knob is securely tightened.  |
| Console continuously cycles through program screens  | Console is in demonstration mode         | Hold down the PAUSE/END button and Left button together for 3 seconds.   |
| Workout results will not sync with Bluetooth® enabled device   | Current console mode                     | Machine must be in Idle Mode to sync. Push the PAUSE/END button until the Power-Up Mode screen is displayed.   |
|  | Total time of workout                    | A workout must be longer than 1 minute to be saved and posted by the Console.  |
|  | Fitness machine                          | Unplug unit from electrical outlet for 5 minutes. Reconnect to outlet.   |
|  | Bluetooth® enabled device                | Consult your device to be sure that the Bluetooth® wireless feature has been enabled on it.  |
|  | Fitness App                              | Review Specifications of Fitness App and confirm your device is compatible.  |
|  |  | Contact <a href="mailto:appsupport@nautilus.com">appsupport@nautilus.com</a> (if inside US/Canada) or your local distributor (if outside US/Canada) for further assistance.          |
| Workout results not posting from Nautilus Trainer™ to MyFitnessPal® / Under Armour® Connected Fitness. | Sync accounts                            | From the Menu icon on the Nautilus Trainer™ App, select the Sync to MyFitnessPal® or Under Armour® Connected Fitness.  |
|  | Sync fails                               | Review account and password for MyFitnessPal® / Under Armour® Connected Fitness.   |
|  |  | Contact <a href="mailto:appsupport@nautilus.com">appsupport@nautilus.com</a> (if inside US/Canada) or your local distributor (if outside US/Canada) for further assistance.          |

## Console Service Mode – x618 series Consoles

The Console Setup Mode lets you input the date and time, set the units of measurement to either English or Metric, change the machine type, control the sound settings ( on/ off), or see maintenance statistics (Total Run Hours – for service technician use only).

1. To go into the Console Setup Mode:

- For the later version of the console, hold down the PAUSE/END button and Increase (▲) button together for 3 seconds while in the Power-Up Mode.
- For the earlier version of the console, hold down the PAUSE/END button and Left button together for 3 seconds while in the Power-Up Mode.

**Note:** Push PAUSE/END to exit the Console Setup Mode and return to the Power-Up Mode screen.

2. The Console display shows the Date prompt with the current setting. To change, push the Increase/Decrease buttons to adjust the currently active value (flashing). Push the Left/Right buttons to change which segment is the currently active value (month / day / year).
3. Push OK to set.
4. The Console display shows the Time prompt with the current setting. Push the Increase/Decrease buttons to adjust the currently active value (flashing). Push the Left/Right buttons to change which segment is the currently active value (hour / minute / AM or PM).
5. Push OK to set.
6. The Console display shows the Units prompt with the current setting. To change, push OK to start the Units option. Push the Increase/Decrease buttons to change between “MILES” (Imperial English units) and “KM” (metric units).
- Note:** If the units change when there is data in User Statistics, the statistics convert to the new units.
7. Push OK to set.
8. The Console display shows the Sound Settings prompt with the current setting. Push the Increase/Decrease buttons to change between “ON” and “OFF”.
9. Push OK to set.
10. The Console display shows the TOTAL RUN HOURS for the machine.

To go to the next Console Setup Mode prompt, push the OK button.

To enter the Manufacturing Menu (MFG Menu):

- For the later version of the console, hold down the PAUSE/END button and Increase (▲) button together for 3 seconds while in the Power-Up Mode.
- For the earlier version of the console, hold down the PAUSE/END button and Left button together for 3 seconds while in the Power-Up Mode.

The Console display shows the Firmware Version string. Push the Up/Down buttons to move through the MFG Menu options. Push OK to make a selection.

- a. ENTER MFG TEST – This option is intended for use on the manufacturing production line only. It is a chained series of tests similar to the tests listed below, but optimized to be run on the production line. This chained test should not be used anywhere but on the production line.
- b. DEBUG TERMINAL – Not used.
- c. MOVE LIFT – (E618 elliptical only) Used to adjust a new lift motor. The Console displays “UP MX DN MN RT CAL”: Up arrow will move the lift motor to the maximum position; Down arrow will move the lift motor to the minimum position; Right arrow will perform a lift motor calibration by moving the lift motor to its minimum and maximum position. Note: Lift motor calibration is no longer required, so calibration is not needed.
- d. RESET MFG NVM – Resets MFG NVM (non volatile memory). Must be run before lift motor calibration if a valid lift table exists in NVM (lift motor has been calibrated before).
- e. RUN BEEP TEST – Sounds each system beep / tone / sequence in order. Press any key to exit
- f. RUN BUTTON TEST – The Console display shows the function of each button as buttons are pressed. If the display shows an incorrect function, the overlay on the Console may be incorrect for that model. If the display does not show a function, the firmware version may be incorrect. No beeps are sounded during this test.

To exit the test, push and hold one of the long key sequences (i.e. long Pause / End + Right or long Pause / End + Down).

g. RUN LED TEST – Drives LEDs to the following states:

1. All LEDs On 1 second
2. All LEDs Off 1 second
3. Sequence Segments 1 at a time – on 1 second, off 1 second

Press any key to exit test

h. RUN LCD TEST – Drives 3x5 and 1x5 LCD displays with the following patterns:

1. All segments on
2. All segments off
3. Set individual segments one at a time until all segments are illuminated.

Press any key to exit.

i. RESET CONSOLE – Resets the data from user inputs. The Console setup, user records and workout records will be reset to defaults. This option does not reset MFG NVM (non volatile memory).

11. The Console display shows the Software Version prompt.

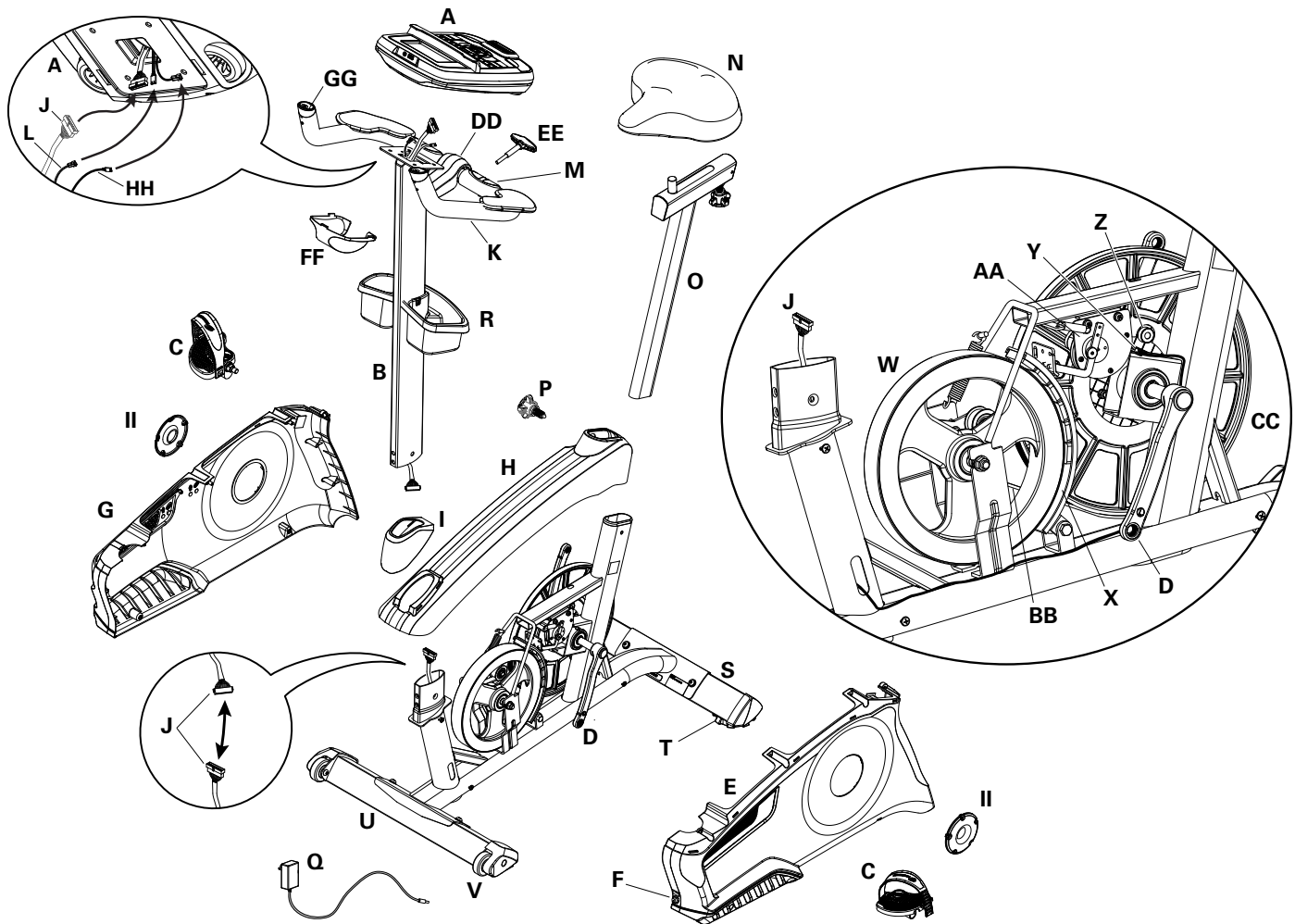
12. For the next prompt, push the OK button.

13 . The Console will display the Power-Up Mode screen.

## Maintenance Parts Exploded View

Your machine may differ. Use only as a guide.

U618



|   |              |   |                     |    |                           |
|---|--------------|---|---------------------|----|---------------------------|
| A | Console      | M | CHR Sensors         | Y  | RPM Sensor                |
| B | Console Mast | N | Seat                | Z  | Speed Sensor Magnet       |
| C | Pedals       | O | Seat Post w/ Slider | AA | Servo Motor               |
| D | Crank Arms   | P | Adjustment Knob     | BB | Drive Belt                |
| E | Left Shroud  | Q | AC Adapter          | CC | Drive Pulley              |
| F | Power Inlet  | R | Water Bottle Holder | DD | Handlebar Mount Cover     |
| G | Right Shroud | S | Rear Stabilizer     | EE | T-handle                  |
| H | Top Shroud   | T | Levelers            | FF | Console Pivot Shroud      |
| I | Mast Gasket  | U | Front Stabilizer    | GG | Remote Resistance Control |
| J | Data Cable   | V | Transport Wheels    | HH | Resistance Cable          |
| K | Handlebars   | W | Flywheel            | II | Cover, Crank Disc         |
| L | HR Cable     | X | Brake Assembly      |    |                           |



## REPLACEMENT PROCEDURE SKILL LEVEL

Level I : Low - very little mechanical knowledge or exposure.  
Level II : Intermediate - some experience with mechanical procedures  
Level III : Advanced - knowledgeable about mechanical procedures



**Disconnect all power to the machine before you service it.**

**When disposing of old parts, obey the applicable local and provincial requirements.**

For instructions to replace the following parts, please refer to the Assembly Manual for your bike:

- AC Adapter
- Seat
- Seat Post
- Front Stabilizer
- Rear Stabilizer
- Water Bottle Holder

**NOTICE:** This document provides instructions for the adjustment of the Drive Belt tension on the Nautilus™ U618 Upright Bike and R618 Recumbent Bike.

**If you need assistance, please contact Customer Service (if purchased in US/Canada) or your local distributor (if purchased outside US/Canada). To find your local distributor, go to: [www.nautilusinternational.com](http://www.nautilusinternational.com)**

**⚠ This icon means a potentially hazardous situation which, if not avoided, could result in death or serious injury. Read and understand all Warnings on this machine.**

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### Important Safety Instructions - Before servicing or using this equipment, obey the following warnings:

**⚠ Read and understand the Service Manual before working on the machine. Failure to obey the instructions and safety warnings could cause injury to the service technician or bystanders.**

**Disconnect all power to the machine before you service it.**

- Keep bystanders and children away from the product being serviced at all times.
- Make sure that the repair is done in an appropriate work space away from foot traffic and exposure to bystanders.
- Some components of the equipment can be heavy or awkward. Enlist the service of a second person when you do maintenance steps involving these components. Do not try to do heavy or awkward steps on your own.
- If replacement parts are necessary, use only genuine replacement parts and hardware supplied by Nautilus. Failure to use genuine replacement parts can cause a risk to users, keep the machine from operating correctly and void the warranty.
- Be sure that all warning stickers and instructional placards applied to the product stay present and in good condition when doing maintenance or replacing components. If at any time the Warning labels become loose, unreadable or dislodged, replace the labels. If purchased in US/Canada, contact Customer Service for replacement labels. If purchased outside US/Canada, contact your local distributor for them.
- Do not try to change the design or functionality of the machine being serviced as this can adversely affect user safety.
- Do not put the machine back in service until all shrouds, instructions, warning labels and correct functionality have been verified and tested for correct performance.

### Tools Required (not included)

#2 Phillips screwdriver



15mm open end wrench



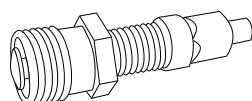
Small flathead screwdriver



15mm socket and wrench



Crank puller



**NOTICE:** It is necessary to remove the Shrouds for this procedure. Refer to the “Replace the Shrouds” procedure.

**⚠** **Disconnect all power to the machine before you service it.**

**Note:** Your machine may not match the image. For reference only.

1. Remove the Top Shroud, Left Shroud and Right Shroud from the Main Unit. Refer to the “Replace the Shrouds” procedure.

2. To test the Drive Belt tension:

- Push the Drive Belt downward at the midpoint (M) between the pulleys and measure the distance. The Drive Belt should have only 0.25” (0.64 cm) of give. See Figure 1.

Or:

- Hold the edges of the Drive Belt at the midpoint (M) and twist it (see Figure 2). It should turn only 90 degrees (1/4 turn, to vertical).

If the tension is correct, go to Step 6.

If the tension is too loose or too tight, adjust the position of the Flywheel. Continue to Step 3.

3. To loosen the Flywheel hardware (A), use a 15 mm open end wrench to hold the nut on one side steady and loosen the nut on the opposite side with a 15 mm socket and wrench.

4. Move the Flywheel in the Main Frame bracket as necessary to adjust the tension. Hold it in position and tighten the hardware.

**Note:** This step may require two people.

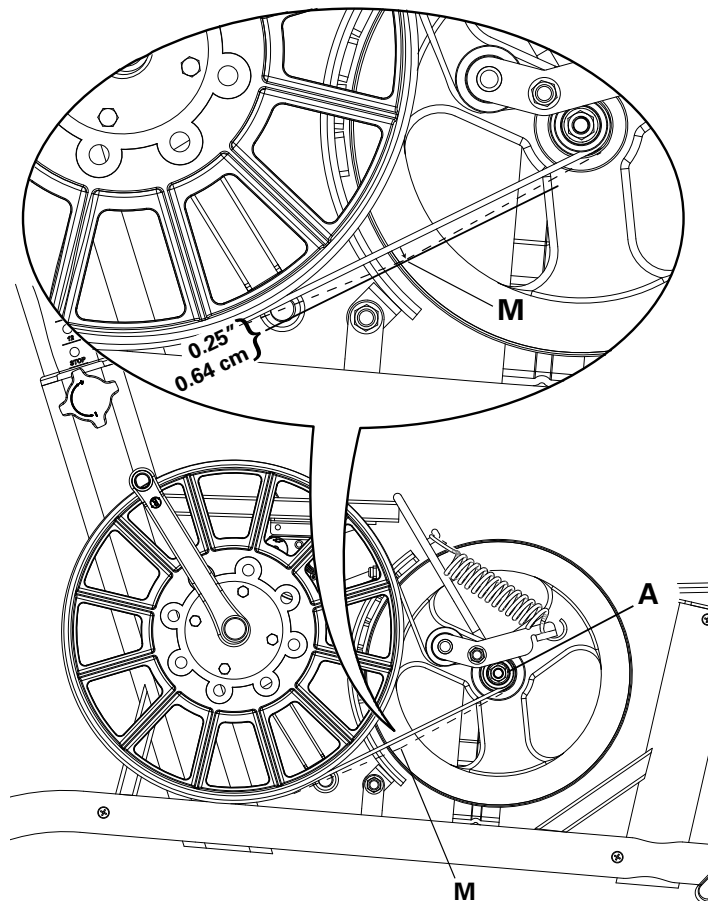
To tighten the Flywheel hardware, use a 15 mm open end wrench to hold the nut on one side steady and tighten the nut on the opposite side with a 15 mm socket and wrench.

5. Carefully turn the crank arms and check the movement of the drive belt. The Crank Arms and Flywheel should move as one.

**⚠** **Be sure to keep fingers clear of all pinch hazards when you turn the Drive Pulley.**

Adjust the belt tension again if necessary.

**Figure 1**



**(Main Frame bracket not shown for clarity)**

**Figure 2**



6. Reassembly is the reverse procedure.

*NOTICE:* Be sure not to crimp any cables.

## 7. Final Inspection

Inspect your machine to ensure that all hardware is tight and components are properly assembled.



**Do not use until the machine has been fully assembled and inspected for correct performance in accordance with the Owner's Manual.**

**NOTICE:** This document provides instructions for the calibration of the Brake tension on the Nautilus™ U618 Upright Bike.

**If you need assistance, please contact Customer Service (if purchased in US/Canada) or your local distributor (if purchased outside US/Canada). To find your local distributor, go to: [www.nautilusinternational.com](http://www.nautilusinternational.com)**

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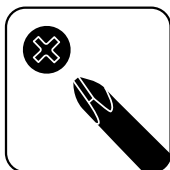
**⚠ Read and understand the Service Manual before working on the machine. Failure to obey the instructions and safety warnings could cause injury to the service technician or bystanders.**

**Disconnect all power to the machine before you service it.**

- Keep bystanders and children away from the product being serviced at all times.
- Make sure that the repair is done in an appropriate work space away from foot traffic and exposure to bystanders.
- Some components of the equipment can be heavy or awkward. Enlist the service of a second person when you do maintenance steps involving these components. Do not try to do heavy or awkward steps on your own.
- If replacement parts are necessary, use only genuine replacement parts and hardware supplied by Nautilus. Failure to use genuine replacement parts can cause a risk to users, keep the machine from operating correctly and void the warranty.
- Be sure that all warning stickers and instructional placards applied to the product stay present and in good condition when doing maintenance or replacing components. If at any time the Warning labels become loose, unreadable or dislodged, replace the labels. If purchased in US/Canada, contact Customer Service for replacement labels. If purchased outside US/Canada, contact your local distributor for them.
- Do not try to change the design or functionality of the machine being serviced as this can adversely affect user safety.
- Do not put the machine back in service until all shrouds, instructions, warning labels and correct functionality have been verified and tested for correct performance.

### Tools Required (not included)

#2 Phillips screwdriver



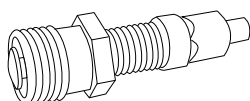
7mm open end wrench



Small flathead screwdriver



Crank puller



2.5" x 10" cardboard (3mm / 1/8" thick)  
and tape



**NOTICE:** It is necessary to remove the shrouds for this procedure. Refer to the “Replace the Shrouds” procedure.

**Note:** Your machine may not match the image. For reference only.

1. Disconnect and reconnect the AC Adapter from the wall outlet to turn the power off and on.

2. Push QuickStart and verify that the console shows that the default resistance level is 4.



**Disconnect all power and allow to sit for 5 minutes.**

3. Carefully remove the Seat Post, Left Shroud and Right Shroud. (Refer to the “Replace the Shrouds” procedure.) Do not remove the Console and Mast, and keep the Power Inlet cable (P) in the Shroud connected to the wiring harness on the motor (D). Slide the Mast Gasket and Top Shroud up the Mast. Lean the Top Shroud against the Seat Post mount to keep it clear of the pulley assembly.

**Note:** It may be necessary to remove the Water Bottle Holder.



4. Insert 2.5” x 10” cardboard between the Brake Magnet (A) and the Flywheel (B), and tape the cardboard to the Brake Magnet.

**Note:** Be sure the cardboard covers all of the Brake Magnet.

5. Turn the power on again.



**Machine is on. Current is active. There is risk of electrical shock.**

6. Use the console to set the resistance to the highest level. This moves the Brake Magnet Arm (A1) forward. After the Brake Magnet Arm stops at the highest resistance level, turn power off.



**Disconnect all power and allow to sit for 5 minutes.**





7. To adjust the Brake tension, loosen the 2 hex head bolts (C) and move the Servo Motor assembly (D) until the closest point on the Brake Magnet (A) is within 3.0 mm (1/8") of the Flywheel (B). Tighten the bolts.

**Note:** If the cardboard is not 3mm (1/8") thick, you can use the pages of a paperback book to measure the gap. Approximately 36 pages (sheets) = 3mm.

8. Turn the power on again. Use the console to check the resistance adjustment.



**Machine is on. Current is active. There is risk of electrical shock.**

**Note:** Before fully attaching the Shrouds, remove the cardboard from between the Brake Magnet (A) and the Flywheel (B). Power up the machine to verify that the Magnet Arm can move freely, and that the Brake Magnet and Flywheel do not touch.

#### 9. Final Inspection

Inspect your machine to ensure that all hardware is tight and components are properly assembled.



**Do not use until the machine has been fully assembled and inspected for correct performance in accordance with the Owner's Manual.**



**NOTICE:** This document provides instructions for the replacement of the Console on the Nautilus™ U618 Upright Bike and R618 Recumbent Bike.

**If you need assistance, please contact Customer Service (if purchased in US/Canada) or your local distributor (if purchased outside US/Canada). To find your local distributor, go to: [www.nautilusinternational.com](http://www.nautilusinternational.com)**

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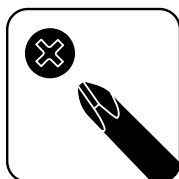
**⚠ Read and understand the Service Manual before working on the machine. Failure to obey the instructions and safety warnings could cause injury to the service technician or bystanders.**

**Disconnect all power to the machine before you service it.**

- Keep bystanders and children away from the product being serviced at all times.
- Make sure that the repair is done in an appropriate work space away from foot traffic and exposure to bystanders.
- Some components of the equipment can be heavy or awkward. Enlist the service of a second person when you do maintenance steps involving these components. Do not try to do heavy or awkward steps on your own.
- If replacement parts are necessary, use only genuine replacement parts and hardware supplied by Nautilus. Failure to use genuine replacement parts can cause a risk to users, keep the machine from operating correctly and void the warranty.
- Be sure that all warning stickers and instructional placards applied to the product stay present and in good condition when doing maintenance or replacing components. If at any time the Warning labels become loose, unreadable or dislodged, replace the labels. If purchased in US/Canada, contact Customer Service for replacement labels. If purchased outside US/Canada, contact your local distributor for them.
- Do not try to change the design or functionality of the machine being serviced as this can adversely affect user safety.
- Do not put the machine back in service until all shrouds, instructions, warning labels and correct functionality have been verified and tested for correct performance.

### Tools Required (not included)

#2 Phillips screwdriver







**Disconnect all power to the machine before you service it.**

**Note:** Your machine may not match the image. For reference only.

1. Press the edges of the Console Pivot Shroud to disengage the tabs from the Console. Remove the Console Pivot Shroud and set it safely aside.

2. Remove screws that attach Console to the Mast. Carefully lift the Console off the Mast.

3. Disconnect the Data Cable, Heart Rate Cable and Resistance Cable at the top of the Mast. Discard the Console and screws.

**Note:** Do not let the cables fall down inside the Mast. This step may require two people.

4. Installation is the reverse procedure.

5. Discard the old parts.

6. Inspect your machine to ensure that all hardware is tight and components are properly assembled.



**Do not use until the machine has been fully assembled and inspected for correct performance in accordance with the Owner's Manual.**

### Initial Setup

During the first power-up, the Console should be set up with the date, time, your preferred measurement units and machine type.

1. Date: Push the Increase/Decrease buttons to adjust the currently active value (flashing). Push the Left/Right buttons to change which segment is the currently active value (month / day / year).

2. Push OK to set.

3. Time: Push the Increase/Decrease buttons to adjust the currently active value (flashing). Push the Left/Right buttons to change which segment is the currently active value (hour / minute / AM or PM).

4. Push OK to set.

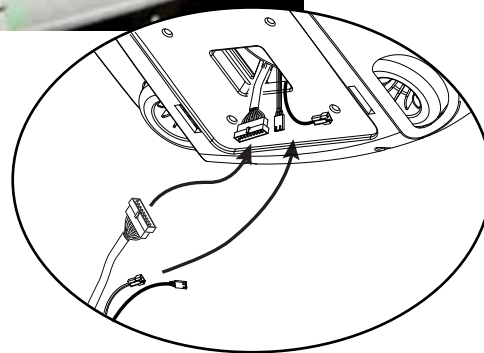
5. Units of Measurement: Push the Increase/Decrease buttons to adjust between "MILES" (Imperial English) or "KM" (metric).

6. Push OK to set.

7. The Console display shows the Machine Type prompt with the current setting. This menu option appears in the x614 series console only (not the x616 series consoles). Push the Increase/Decrease buttons to change between "BIKE" and Elliptical ("ELIP").

8. Push OK to set. The Console goes back to the Power-Up / Idle Mode screen.

**Note:** To adjust these selections, consult the "Console Service Mode" section.



**NOTICE:** This document provides instructions for the replacement of the Pedals on the Nautilus™ U618 Upright Bike and R618 Recumbent Bike.

**If you need assistance, please contact Customer Service (if purchased in US/Canada) or your local distributor (if purchased outside US/Canada). To find your local distributor, go to: [www.nautilusinternational.com](http://www.nautilusinternational.com)**

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**Disconnect all power to the machine before you service it.**

- Keep bystanders and children away from the product being serviced at all times.
- Make sure that the repair is done in an appropriate work space away from foot traffic and exposure to bystanders.
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- Do not put the machine back in service until all shrouds, instructions, warning labels and correct functionality have been verified and tested for correct performance.

### Tools Required (not included)

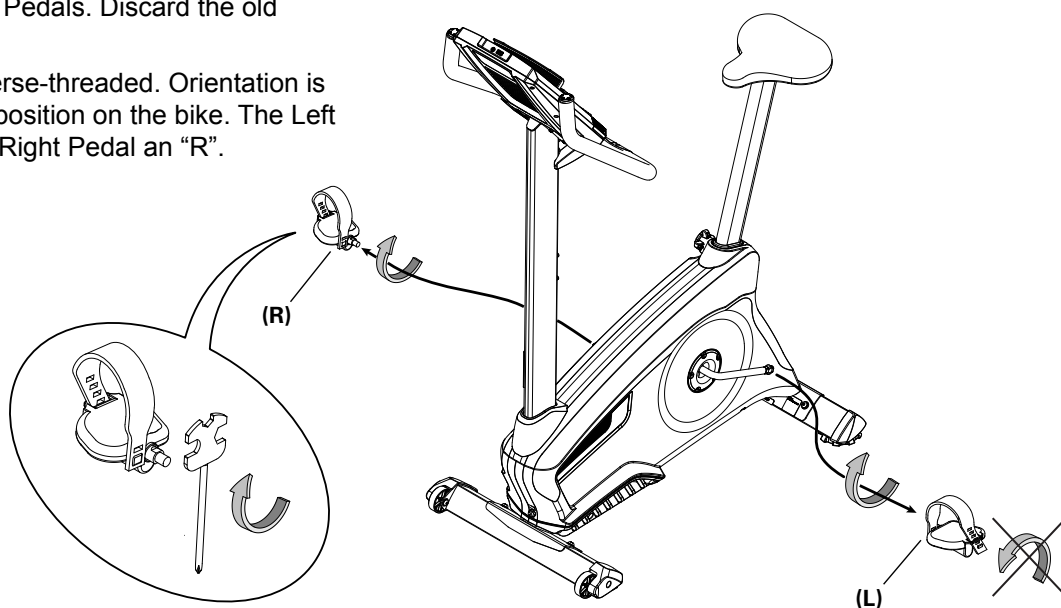
Pedal wrench



**Note:** Your machine may not match the image. For reference only.

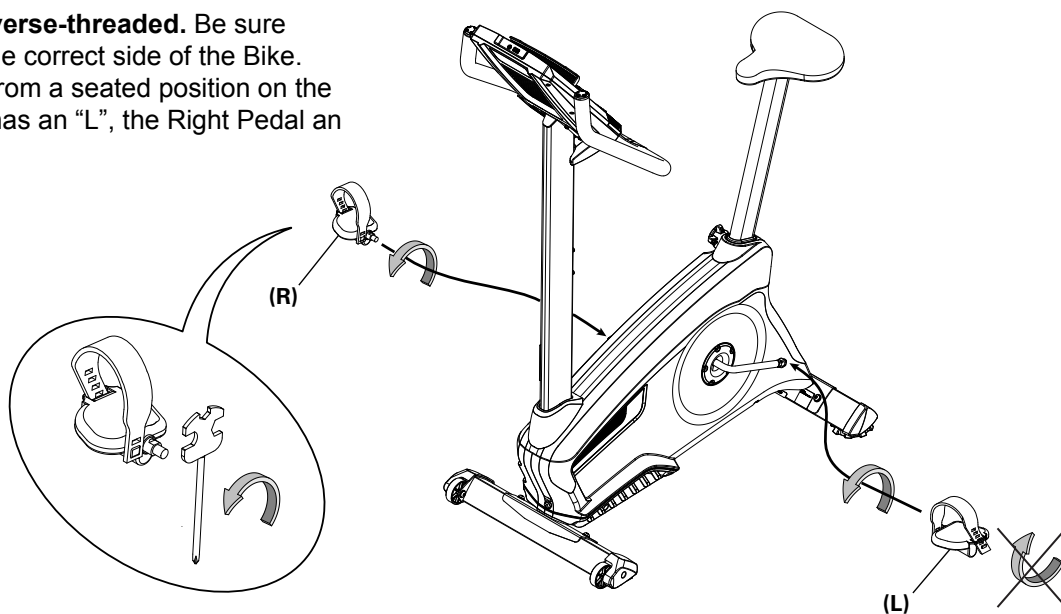
1. Loosen and remove the old Pedals. Discard the old Pedals.

**Note:** The Left Pedal is reverse-threaded. Orientation is based from a seated position on the bike. The Left Pedal has an “L”, the Right Pedal an “R”.



2. Install the new Pedals. Carefully align the threads and hand tighten to prevent cross-threading. Then tighten fully with pedal wrench.

**Note:** **The Left Pedal is reverse-threaded.** Be sure to attach Pedals on the correct side of the Bike. Orientation is based from a seated position on the bike. The Left Pedal has an “L”, the Right Pedal an “R”.



### 3. Final Inspection

Inspect your machine to ensure that all hardware is tight and components are properly assembled.

**⚠ Do not use until the machine has been fully assembled and inspected for correct performance in accordance with the Owner's Manual.**

**NOTICE:** This document provides instructions for the replacement of the Crank Arms on the Nautilus™ U618 Upright Bike and R618 Recumbent Bike.

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**Disconnect all power to the machine before you service it.**

- Keep bystanders and children away from the product being serviced at all times.
- Make sure that the repair is done in an appropriate work space away from foot traffic and exposure to bystanders.
- Some components of the equipment can be heavy or awkward. Enlist the service of a second person when you do maintenance steps involving these components. Do not try to do heavy or awkward steps on your own.
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- Do not put the machine back in service until all shrouds, instructions, warning labels and correct functionality have been verified and tested for correct performance.

### Tools Required (not included)

#2 Phillips screwdriver



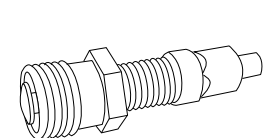
13mm wrench and socket



Flathead screwdriver



Crank puller



Adjustable wrench

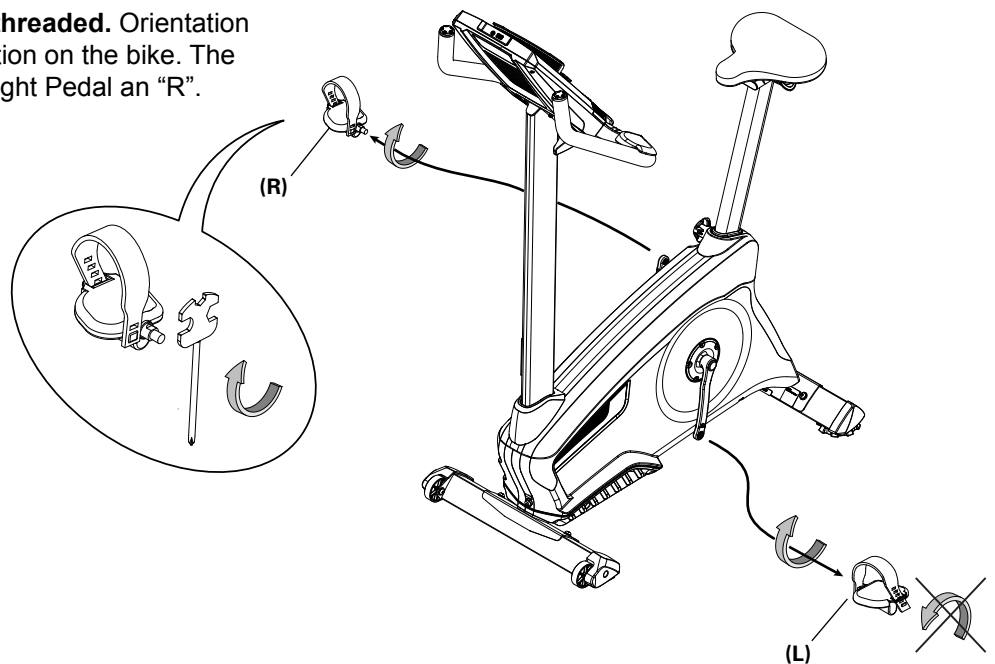
Pedal wrench



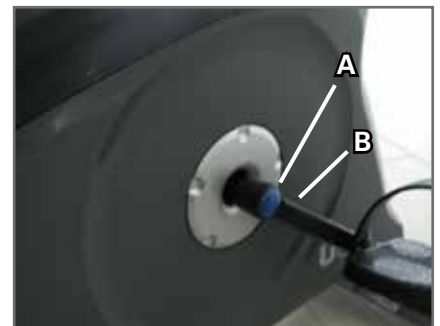
**Note:** Your machine may not match the image. For reference only.

1. Loosen and remove the old Pedals. Set them safely aside for reassembly.

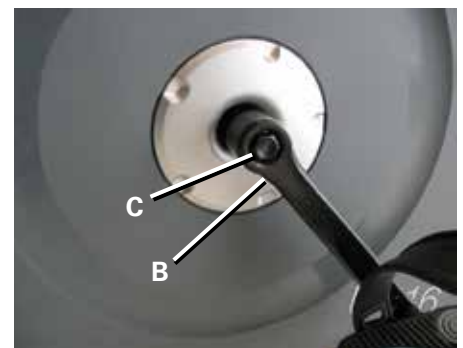
**Note: The Left Pedal is reverse-threaded.** Orientation is based from a seated position on the bike. The Left Pedal has an "L", the Right Pedal an "R".



2. Using a flathead screwdriver, remove the threaded Cap (A) from the Crank Arm (B) to expose the Hex Head Bolt (C).

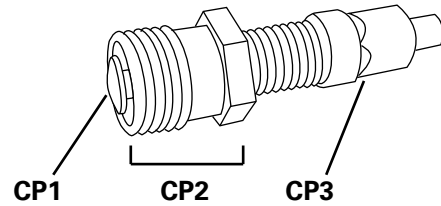


3. Using a wrench and socket, remove the Hex Head Bolt (C).

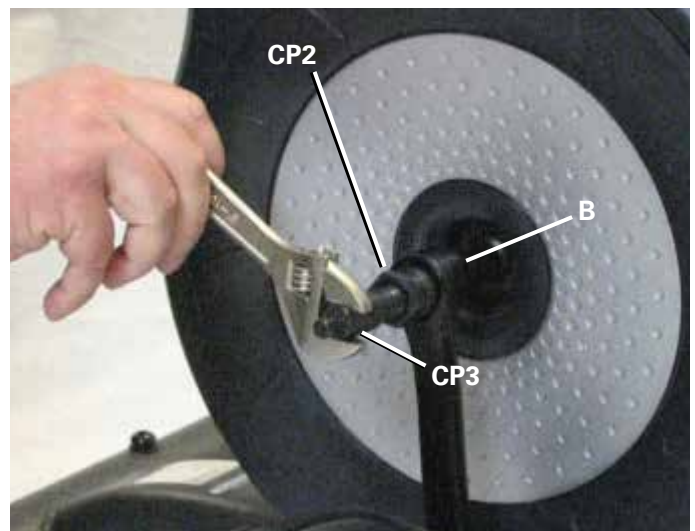


4. Thread the Crank Puller into the Crank Arm (B). When the Crank Puller is in the correct position, only 1-2 threads on the outer portion (CP2) of the Crank Puller should show.

**Note:** Be sure the end of the Bolt (CP1) of the Crank Puller is flush with the Nut (CP2) as shown, before use.



5. Using a wrench, turn the inner portion (CP3) of the Crank Puller clockwise. The Crank Arm (B) will slide off as it is tightened.



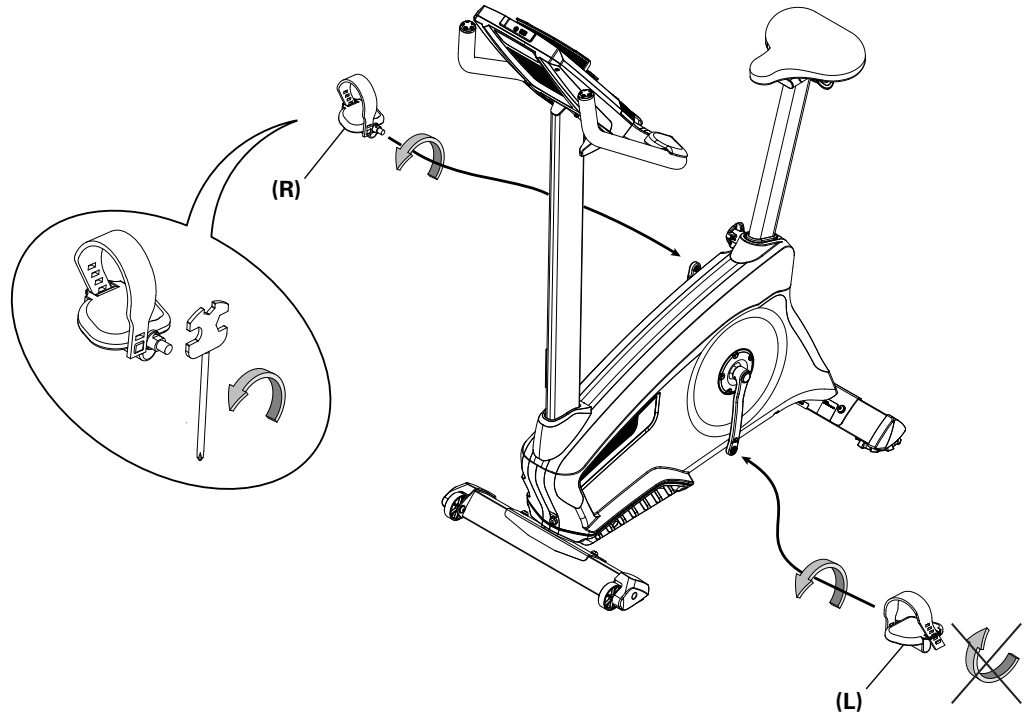
**Crank arm shown is on a 170 bike.**



6. Installation is the reverse procedure. Installation does not require the use of the crank puller. Be sure the Crank Arms are connected at 180° from each other.

To reinstall the Pedals, carefully align the threads and hand tighten to prevent cross-threading. Then tighten fully with pedal wrench.

**Note: The Left Pedal is reverse-threaded.** Be sure to attach Pedals on the correct side of the Bike. Orientation is based from a seated position on the bike. The Left Pedal has an “L”, the Right Pedal an “R”.



## 7. Final Inspection

Inspect your machine to ensure that all hardware is tight and components are properly assembled.

**⚠ Do not use until the machine has been fully assembled and inspected for correct performance in accordance with the Owner's Manual.**



**NOTICE:** This document provides instructions for the replacement of the Transport Wheels, Front Endcaps and Footpads on the Nautilus™ U618 Upright Bike, R618 Recumbent Bike, and E618 Elliptical Fitness Machine.

**If you need assistance, please contact Customer Service (if purchased in US/Canada) or your local distributor (if purchased outside US/Canada). To find your local distributor, go to: [www.nautilusinternational.com](http://www.nautilusinternational.com)**

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**Disconnect all power to the machine before you service it.**

- Keep bystanders and children away from the product being serviced at all times.
- Make sure that the repair is done in an appropriate work space away from foot traffic and exposure to bystanders.
- Some components of the equipment can be heavy or awkward. Enlist the service of a second person when you do maintenance steps involving these components. Do not try to do heavy or awkward steps on your own.
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- Do not try to change the design or functionality of the machine being serviced as this can adversely affect user safety.
- Do not put the machine back in service until all shrouds, instructions, warning labels and correct functionality have been verified and tested for correct performance.

#### Tools Required (not included)

6mm hex key



Static solid object (like a book or box)

#2 Phillips screwdriver (short)



13mm open end wrench

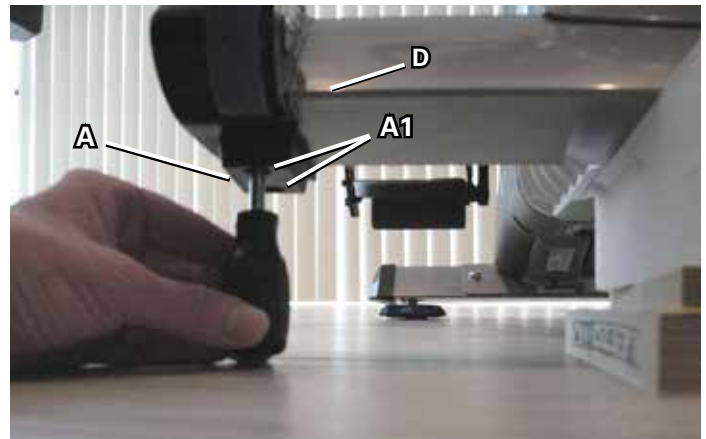




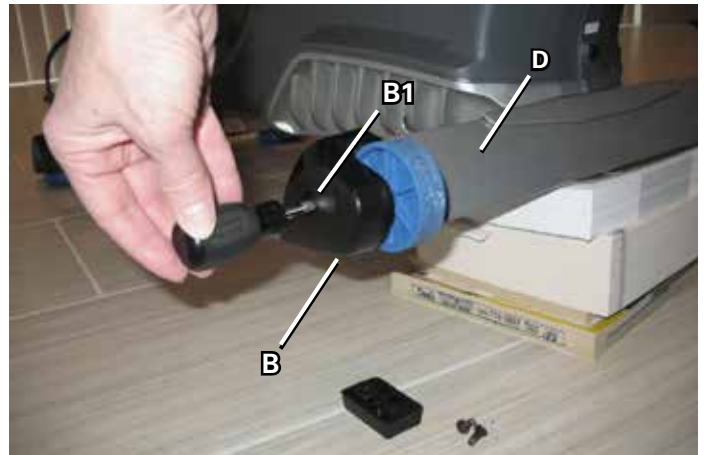
**Note:** Your machine may not match the image. For reference only.

1. Place a static object (like a book or box) under the front stabilizer (C). The static object should not be compressible.

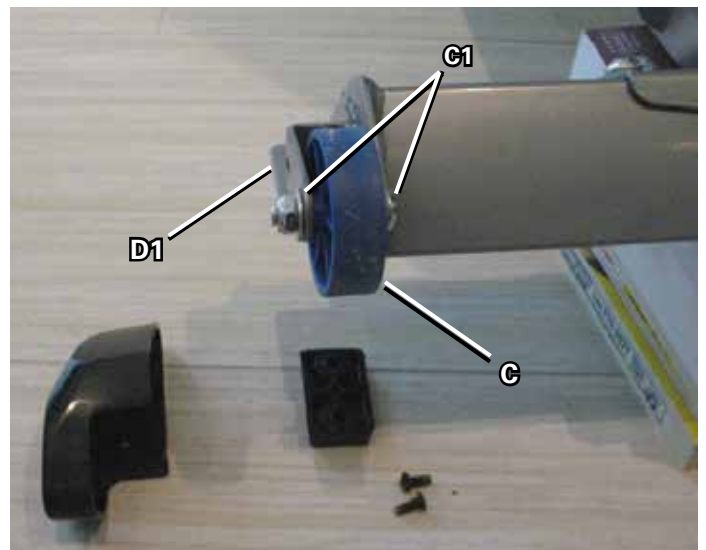
2. Using a short #2 Phillips screwdriver, loosen and remove the screws (A1) from the Footpad (A), and set them safely aside. Remove the Footpad from the front stabilizer (D). Set the Footpad and screws safely aside.



3. Loosen and remove the screw (B1) from the Endcap assembly (B) and set it safely aside. Remove the Endcap from the front stabilizer (D). Set the Endcap and screw safely aside.



4. Using the 6mm hex key and 13mm wrench, loosen and remove the hardware (C1) from the old Transport Wheel assembly (C). Remove the old Transport Wheel from the front stabilizer bracket (D1). Set the Transport Wheel and hardware safely aside.



5. Installation is the reverse procedure.

*NOTICE:* Before fully attaching the Endcap, be sure that the Transport Wheel can turn freely.

6. Dispose of the old parts.

## 7. Final Inspection

Inspect your machine to ensure that all hardware is tight and components are properly assembled.

**⚠ Do not use until the machine has been fully assembled and inspected for correct performance in accordance with the Owner's Manual.**

**NOTICE:** This document provides instructions for the replacement of the Shrouds on the Nautilus™ U618 Upright Bike.

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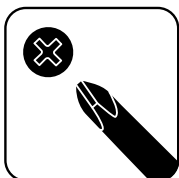
**⚠ Read and understand the Service Manual before working on the machine. Failure to obey the instructions and safety warnings could cause injury to the service technician or bystanders.**

**Disconnect all power to the machine before you service it.**

- Keep bystanders and children away from the product being serviced at all times.
- Make sure that the repair is done in an appropriate work space away from foot traffic and exposure to bystanders.
- Some components of the equipment can be heavy or awkward. Enlist the service of a second person when you do maintenance steps involving these components. Do not try to do heavy or awkward steps on your own.
- If replacement parts are necessary, use only genuine replacement parts and hardware supplied by Nautilus. Failure to use genuine replacement parts can cause a risk to users, keep the machine from operating correctly and void the warranty.
- Be sure that all warning stickers and instructional placards applied to the product stay present and in good condition when doing maintenance or replacing components. If at any time the Warning labels become loose, unreadable or dislodged, replace the labels. If purchased in US/Canada, contact Customer Service for replacement labels. If purchased outside US/Canada, contact your local distributor for them.
- Do not try to change the design or functionality of the machine being serviced as this can adversely affect user safety.
- Do not put the machine back in service until all shrouds, instructions, warning labels and correct functionality have been verified and tested for correct performance.

### Tools Required (not included)

#2 Phillips screwdriver



6mm hex key



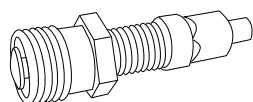
Flathead screwdriver



13mm wrench and socket (U616)



Crank puller

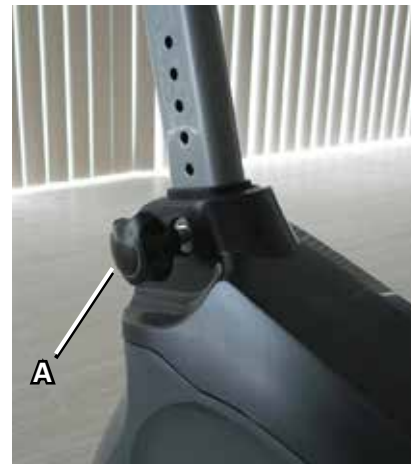




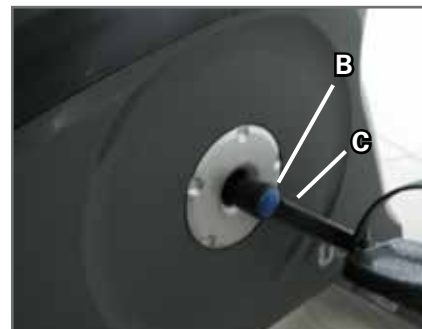
**Disconnect all power to the machine before you service it.**

**Note:** Your machine may not match the image. For reference only.

1. Remove the Seat Post and the Seat Adjustment Knob (A). Set them safely aside for reassembly.



2. Using a flathead screwdriver, remove the threaded Cap (B) from the Crank Arm (C) to expose the Hex Head Bolt (D).



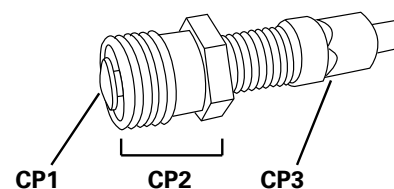
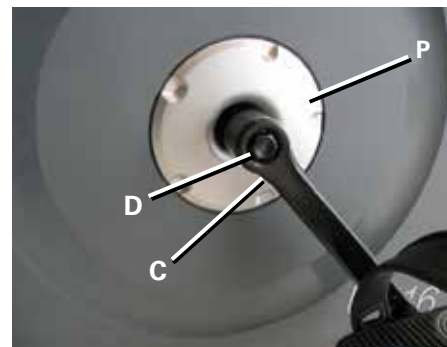
3. Using a wrench and socket, remove the Hex Head Bolt (D) .
4. Thread the Crank Puller into the Crank Arm (C). When the Crank Puller is in the correct position, only 1-2 threads on the outer portion (CP2) of the Crank Puller should show.

**Note:** Be sure the end of the Bolt (CP1) of the Crank Puller is flush with the Nut (CP2) as shown, before use.

5. Using a wrench, turn the inner portion (CP3) of the Crank Puller clockwise. The Crank Arm (C) will slide off as it is tightened.

Go to Step 8.

6. Twist the Crank Cover (P) toward the front of the machine to disengage the inner tabs. Carefully remove the Crank Covers and set them safely aside.



7. Slide the Mast Gasket up the Mast.

8. Remove the hardware (indicated) from the Mast. Gently pull the Mast out and disconnect the cables. Set the hardware, Mast and Mast Gasket safely aside.

*NOTICE:* Do not crimp the cables. This step may require two people.

**Note:** Do not let the cable fall down inside the Frame.

9. Bend the edges of the Top Shroud to disengage the inside tabs from the Main Assembly, and remove the Top Shroud.

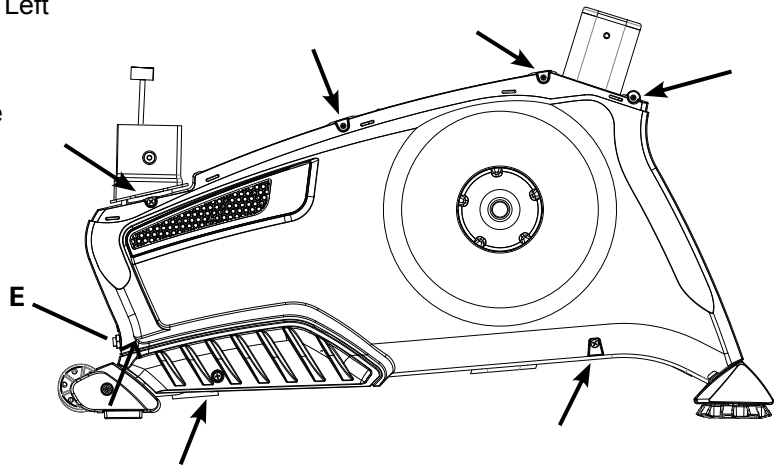


**Cable connectors**

10. Using a #2 Phillips Screwdriver, remove the 6 screws (indicated) that secure the Left Shroud. Remove the bottom screws first, and then the top screws. Slowly remove the Left Shroud.

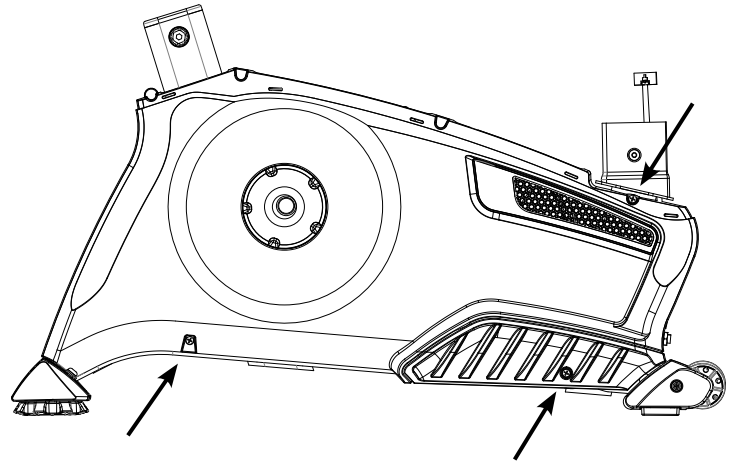
**Note:** Find the Power Inlet (E) in the Left Shroud. Disconnect the Power Inlet cable (E1) from the wiring harness (F).

**NOTICE:** Be sure not to crimp any cables.



**Power Inlet cable connection**

11. Using a #2 Phillips Screwdriver, remove the 3 screws that secure the Right Shroud. Remove the bottom screws first, and then the top screw. Slowly remove the Right Shroud.



12. Installation is the reverse procedure. Put the Left Shroud in position first to align the screws for the Right Shroud. Install the top screws first.

*NOTICE:* Be sure not to crimp any cables. Be sure the tabs in the Top Shroud snap into the Main Assembly.

Be sure the Crank Arms are connected at 180° from each other.

### 13. Final Inspection

Inspect your machine to ensure that all hardware is tight and components are properly assembled.

**⚠ Do not use until the machine has been fully assembled and inspected for correct performance in accordance with the Owner's Manual.**



**NOTICE:** This document provides instructions for the replacement of the Handlebar Assembly on the Nautilus™ U618 Upright Bike.

**If you need assistance, please contact Customer Service (if purchased in US/Canada) or your local distributor (if purchased outside US/Canada). To find your local distributor, go to: [www.nautilusinternational.com](http://www.nautilusinternational.com)**

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### Important Safety Instructions - Before servicing or using this equipment, obey the following warnings:

**⚠ Read and understand the Service Manual before working on the machine. Failure to obey the instructions and safety warnings could cause injury to the service technician or bystanders.**

**Disconnect all power to the machine before you service it.**

- Keep bystanders and children away from the product being serviced at all times.
- Make sure that the repair is done in an appropriate work space away from foot traffic and exposure to bystanders.
- Some components of the equipment can be heavy or awkward. Enlist the service of a second person when you do maintenance steps involving these components. Do not try to do heavy or awkward steps on your own.
- If replacement parts are necessary, use only genuine replacement parts and hardware supplied by Nautilus. Failure to use genuine replacement parts can cause a risk to users, keep the machine from operating correctly and void the warranty.
- Be sure that all warning stickers and instructional placards applied to the product stay present and in good condition when doing maintenance or replacing components. If at any time the Warning labels become loose, unreadable or dislodged, replace the labels. If purchased in US/Canada, contact Customer Service for replacement labels. If purchased outside US/Canada, contact your local distributor for them.
- Do not try to change the design or functionality of the machine being serviced as this can adversely affect user safety.
- Do not put the machine back in service until all shrouds, instructions, warning labels and correct functionality have been verified and tested for correct performance.

### Tools Required (not included)

#2 Phillips screwdriver



3' (91 cm) length of string

Small flathead screwdriver



6mm hex key





**Disconnect all power to the machine before you service it.**

**Note:** Your machine may not match the image. For reference only.

1. Press the edges of the Console Pivot Shroud to disengage the tabs from the Console. Remove the Console Pivot Shroud and set it safely aside.

2. Remove screws that attach Console to the Mast. Carefully lift the Console off the Mast.

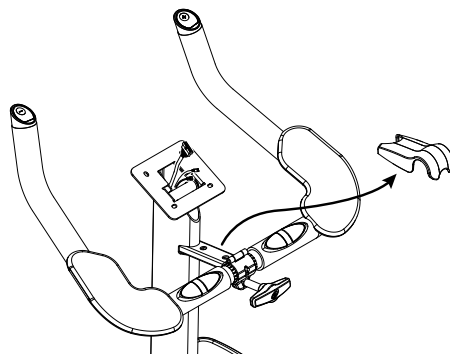


3. Disconnect the Data Cable, Heart Rate Cable and Resistance Cable at the top of the Mast. Set the Console and screws safely aside for reassembly.

**Note:** Do not let the cables fall down inside the Mast. This step may require two people.

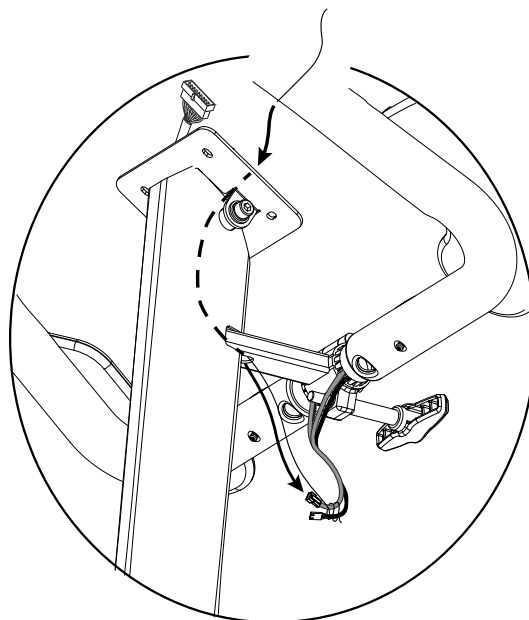


4. Remove the Handlebar Bracket Cover and set it safely aside for reassembly.



5. Tie the length of string to the end of the Heart Rate Cable and Resistance Cable at the top of the Mast. Grasp the section of HR Cable and Resistance Cable under the Handlebar Bracket and carefully pull the cables and string down through the Mast and out of the hole so that the string extends through the Mast and Handlebar Bracket.

**Note:** Do not let the Data Cable fall down inside the Mast.

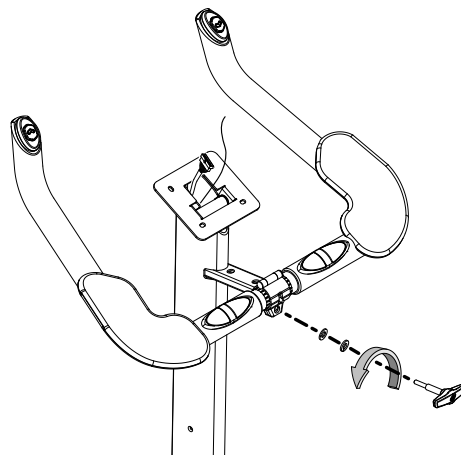




6. Remove the T-handle and washers that attach the Handlebar to the Mast. Set them safely aside for reassembly.

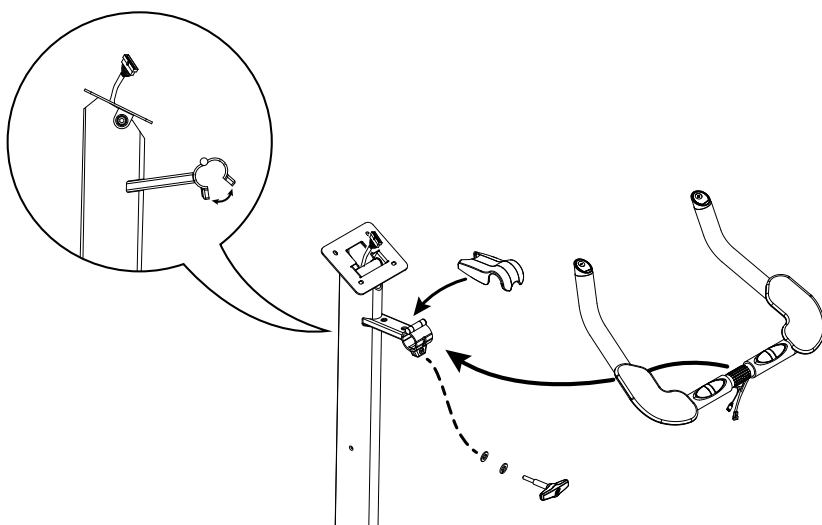
*NOTICE:* Hold the Handlebar so that it does not fall.

7. Untie the string from the HR Cable and Resistance Cable. Remove the old Handlebar and discard it.



8. Put the replacement Handlebar in the bracket, adjust the Handlebar to the desired angle, and install the T-handle through the holes.

*NOTICE:* Do not crimp the cables.



9. Tie the end of the string under the Handlebar Bracket to the ends of the HR cable and Resistance Cable. Carefully pull the cables through the slot under the Handlebar Bracket to the top of the mast. Fully tighten the T-handle to keep the Handlebar in position. Push the cover into position on the Handlebar Bracket.

*NOTICE:* Do not crimp the cables. Do not let the cables fall down in the Mast.

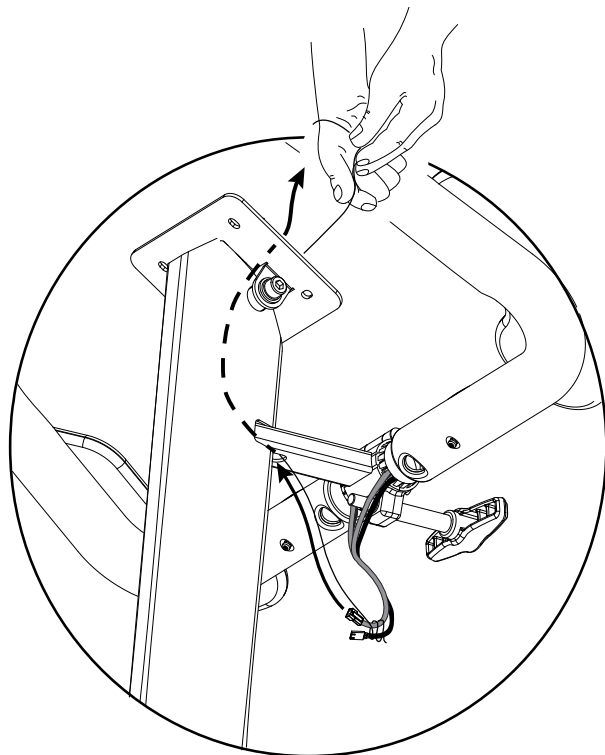
10. Connect the cables to the back of the Console and attach the Console to the Mast.

*NOTICE:* Do not crimp the cables.

#### 11. Final Inspection

Inspect your machine to ensure that all hardware is tight and components are properly assembled.

**⚠ Do not use until the machine has been fully assembled and inspected for correct performance in accordance with the Owner's Manual.**



**NOTICE:** This document provides instructions for the replacement of the Console Mast on the Nautilus™ U618 Upright Bike.

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### Important Safety Instructions - Before servicing or using this equipment, obey the following warnings:

**⚠ Read and understand the Service Manual before working on the machine. Failure to obey the instructions and safety warnings could cause injury to the service technician or bystanders.**

**Disconnect all power to the machine before you service it.**

- Keep bystanders and children away from the product being serviced at all times.
- Make sure that the repair is done in an appropriate work space away from foot traffic and exposure to bystanders.
- Some components of the equipment can be heavy or awkward. Enlist the service of a second person when you do maintenance steps involving these components. Do not try to do heavy or awkward steps on your own.
- If replacement parts are necessary, use only genuine replacement parts and hardware supplied by Nautilus. Failure to use genuine replacement parts can cause a risk to users, keep the machine from operating correctly and void the warranty.
- Be sure that all warning stickers and instructional placards applied to the product stay present and in good condition when doing maintenance or replacing components. If at any time the Warning labels become loose, unreadable or dislodged, replace the labels. If purchased in US/Canada, contact Customer Service for replacement labels. If purchased outside US/Canada, contact your local distributor for them.
- Do not try to change the design or functionality of the machine being serviced as this can adversely affect user safety.
- Do not put the machine back in service until all shrouds, instructions, warning labels and correct functionality have been verified and tested for correct performance.

### Tools Required (not included)

#2 Phillips screwdriver



5' (152 cm) length of string

Small flathead screwdriver



6mm hex key





**Disconnect all power to the machine before you service it.**

**Note:** Your machine may not match the image. For reference only.

1. Press the edges of the Console Pivot Shroud to disengage the tabs from the Console. Remove the Console Pivot Shroud and set it safely aside.

2. Remove screws that attach Console to the Mast. Carefully lift the Console off the Mast.

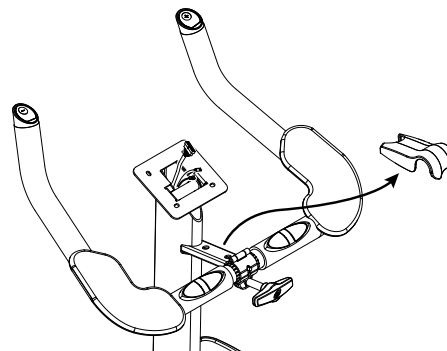


3. Disconnect the Data Cable, Heart Rate Cable and Resistance Cable at the top of the Mast. Set the Console and screws safely aside for reassembly.

**Note:** Do not let the cables fall down inside the Mast. This step may require two people.

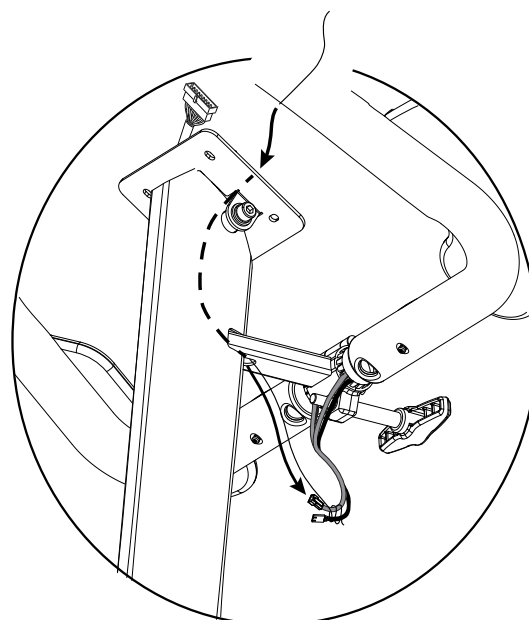


4. Remove the Handlebar Bracket Cover and set it safely aside for reassembly.



5. Grasp the section of HR Cable and Resistance Cable under the Handlebar Bracket and carefully pull the cables down through the Mast and out of the hole in the Handlebar Bracket.

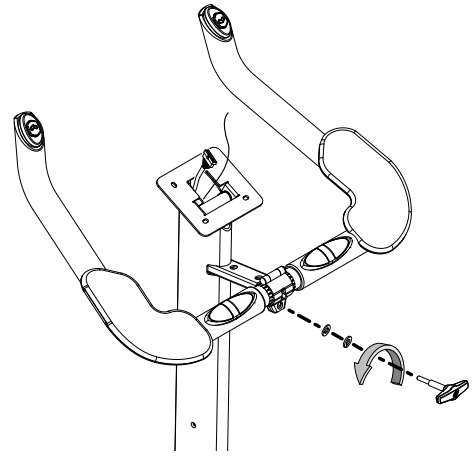
**Note:** Do not let the Data Cable fall down inside the Mast.



6. Remove the T-handle and washers that attach the Handlebar to the Mast. Set them safely aside for reassembly.

*NOTICE:* Hold the Handlebar so that it does not fall.

7. Remove the Handlebar and set it safely aside for reassembly.



8. Remove the Mast Gasket.

9. Remove the hardware (indicated) from the Mast. Gently pull the Mast out and disconnect the cables. Set the hardware, Mast Gasket and Top Shroud safely aside for reassembly. Discard the old Mast.

*NOTICE:* Do not crimp the cables. This step may require two people.

**Note:** Do not let the cables fall down inside the Frame.



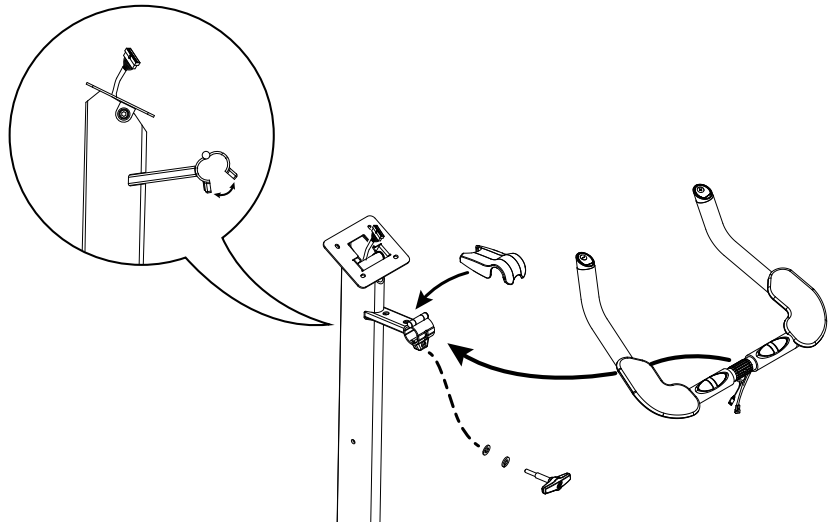
**Cable connectors**

10. Install the replacement Console Mast and the Mast Gasket on Main Assembly.

*NOTICE:* Make sure the Console Cable connector does not fall into the Console Mast. Align the clips on the cable connectors and make sure the connectors lock. Do not crimp Console Cable.

11. Put the Handlebar in the bracket, adjust the Handlebar to the desired angle, and install the T-handle through the holes and washers.

*NOTICE:* Do not crimp the cables.

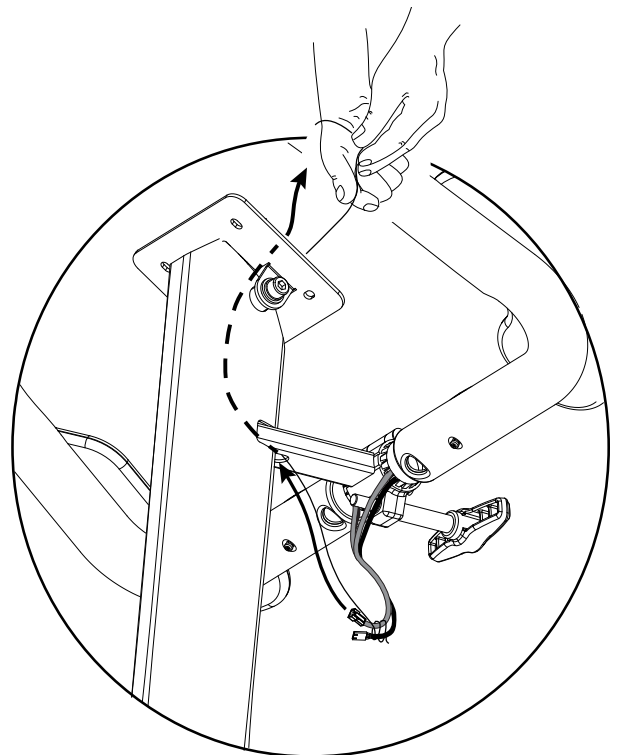


12. Use the pull cable in the Handlebar Bracket to route the HR cable and Resistance cable through the slot under the Handlebar Bracket to the top of the mast. Fully tighten the T-handle to keep the Handlebar in position. Push the cover into position on the Handlebar Bracket.

*NOTICE:* Do not crimp the cables. Do not let the cables fall down in the Mast.

13. Connect the cables to the back of the Console and attach the Console to the Mast.

*NOTICE:* Do not crimp the cables.



#### 14. Final Inspection

Inspect your machine to ensure that all hardware is tight and components are properly assembled.

**⚠ Do not use until the machine has been fully assembled and inspected for correct performance in accordance with the Owner's Manual.**

**NOTICE:** This document provides instructions for the replacement of the Data Cable in the Console Mast on the Nautilus™ U618 Upright Bike.

**If you need assistance, please contact Customer Service (if purchased in US/Canada) or your local distributor (if purchased outside US/Canada). To find your local distributor, go to: [www.nautilusinternational.com](http://www.nautilusinternational.com)**

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## Important Safety Instructions - Before servicing or using this equipment, obey the following warnings:

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- Do not put the machine back in service until all shrouds, instructions, warning labels and correct functionality have been verified and tested for correct performance.

### Tools Required (not included)

#2 Phillips screwdriver



5' (152 cm) length of string

Small flathead screwdriver



6mm hex key





**Disconnect all power to the machine before you service it.**

**Note:** Your machine may not match the image. For reference only.

1. Press the edges of the Console Pivot Shroud to disengage the tabs from the Console. Remove the Console Pivot Shroud and set it safely aside.
2. Remove screws that attach Console to the Mast. Carefully lift the Console off the Mast.



3. Disconnect the Data Cable, Heart Rate Cable and Resistance Cable at the top of the Mast. Set the Console and screws safely aside for reassembly.

**Note:** Do not let the cables fall down inside the Mast. This step may require two people.



4. Remove the Mast Gasket. Set it safely aside for reassembly.

5. Remove the hardware (indicated) from the Mast. Gently pull the Mast out and disconnect the cables. Set the hardware safely aside for reassembly.

**NOTICE:** Do not crimp the cables. This step may require two people.

**Note:** Do not let the cable fall down inside the Frame.

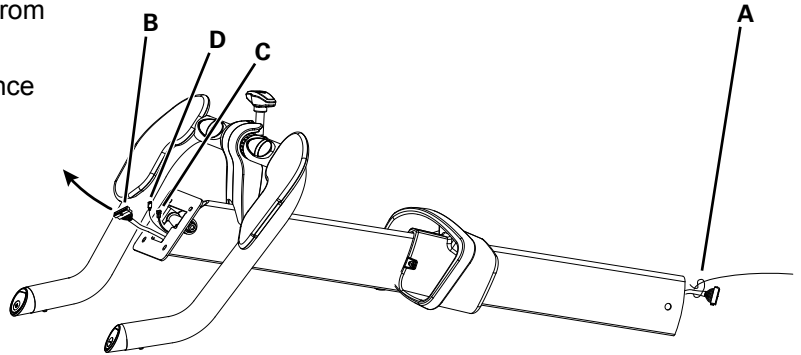


**Cable connectors**



6. Tie the length of string to the end (A) of the Data Cable at the base of the Mast. Hold the other end of the Data Cable (B) and carefully pull it out of the Mast so that the string extends through the length of the Mast. Untie the string from the old Data Cable and discard the old cable.

*NOTICE:* Do not crimp the HR cable (C) and Resistance Cable (D).



7. Tie the end of the string at the base of the Mast to one end of the replacement Data Cable. Hold the other end of the string and carefully pull the new Data Cable through the Mast.

*NOTICE:* Do not crimp the cables.

8. Untie the string from the Data Cable and connect the cable to the Data Cable from the Main Frame.

*NOTICE:* Do not crimp the cables. This step may require two people.

9. Put the Mast back in position in the Main Frame and reinstall the Hardware.

**Note:** Do not let the cables fall down inside the Mast.

*NOTICE:* Be sure not to crimp any cables. This step may require two people.

10. Reinstall the Mast Gasket.

11. Connect the cables to the back of the Console and attach the Console to the Mast with the screws from Step 2.

*NOTICE:* Do not crimp the cables.

## 12. Final Inspection

Inspect your machine to ensure that all hardware is tight and components are properly assembled.

**⚠ Do not use until the machine has been fully assembled and inspected for correct performance in accordance with the Owner's Manual.**



**NOTICE:** This document provides instructions for the replacement of the Brake Assembly on the Nautilus™ U618 Upright Bike.

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**Disconnect all power to the machine before you service it.**

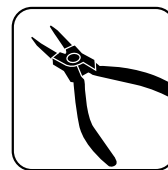
- Keep bystanders and children away from the product being serviced at all times.
- Make sure that the repair is done in an appropriate work space away from foot traffic and exposure to bystanders.
- Some components of the equipment can be heavy or awkward. Enlist the service of a second person when you do maintenance steps involving these components. Do not try to do heavy or awkward steps on your own.
- If replacement parts are necessary, use only genuine replacement parts and hardware supplied by Nautilus. Failure to use genuine replacement parts can cause a risk to users, keep the machine from operating correctly and void the warranty.
- Be sure that all warning stickers and instructional placards applied to the product stay present and in good condition when doing maintenance or replacing components. If at any time the Warning labels become loose, unreadable or dislodged, replace the labels. If purchased in US/Canada, contact Customer Service for replacement labels. If purchased outside US/Canada, contact your local distributor for them.
- Do not try to change the design or functionality of the machine being serviced as this can adversely affect user safety.
- Do not put the machine back in service until all shrouds, instructions, warning labels and correct functionality have been verified and tested for correct performance.

### Tools Required (not included)

#2 Phillips screwdriver



Needlenose pliers



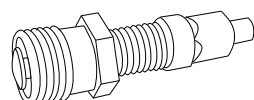
Small flathead screwdriver



13 mm open end wrench



Crank puller



2.5" x 10" cardboard and tape



**NOTICE:** It is necessary to remove the Shrouds for this procedure. Refer to the “Replace the Shrouds” procedure.  
It may be necessary to adjust the Brake tension at the end of this procedure. Refer to the “Set the Brake Tension” procedure.



**Disconnect all power to the machine before you service it.**

**Note:** Your machine may not match the image. For reference only.

1. Carefully remove the Shrouds. Refer to the “Replace the Shrouds” procedure.

2. Insert 2.5” x 10” cardboard between the Brake Magnet (A) and the Flywheel (B), and tape the cardboard to the Brake Magnet.

**Note:** Be sure the cardboard covers all of the Brake Magnet.

3. Using the needlenose pliers, unhook the Tension Spring (G) from the Main Frame. Pull back and release the Magnet Arm (H) enough to disengage it from the Motor Pulley Shaft (J).

4. Loosen and remove the hex head bolt (C), nut (D) and washer (E) that attach the Brake Assembly (A) to the Main Frame bracket (F).

**NOTICE:** Do not crimp the cables

5. Remove the Brake Assembly (A). Remove the cardboard. Discard the old Brake Assembly.

6. Installation is the reverse procedure. Tape the cardboard to the new Brake Magnet. Be sure the cardboard will completely cover the new Brake Magnet before installation.

**NOTICE:** Do not crimp the cables.

7. Before fully attaching the Shrouds, remove the cardboard from between the Brake Magnet (A) and the Flywheel (B). Power up the machine to verify that the Magnet Arm can move freely, and that the Brake Magnet and Flywheel do not touch at the maximum resistance level.



**Machine is on. Current is active. There is risk of electrical shock.**

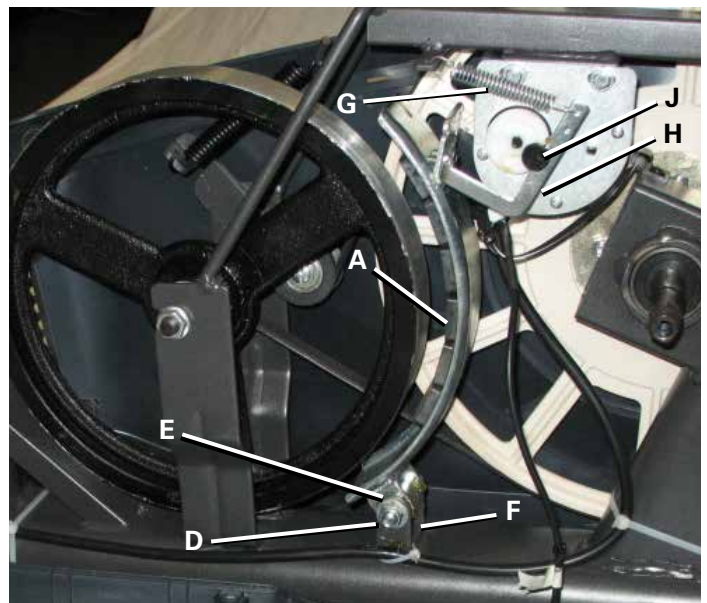
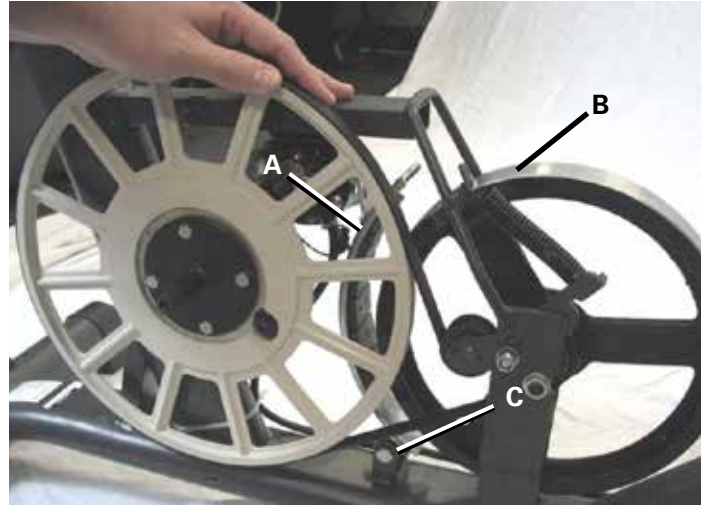
If necessary, refer to the “Set the Brake Tension” procedure.

## 8. Final Inspection

Inspect your machine to ensure that all hardware is tight and components are properly assembled.



**Do not use until the machine has been fully assembled and inspected for correct performance in accordance with the Owner’s Manual.**



**NOTICE:** This document provides instructions for the replacement of the Servo Motor on the Nautilus™ U618 Upright Bike.

**If you need assistance, please contact Customer Service (if purchased in US/Canada) or your local distributor (if purchased outside US/Canada). To find your local distributor, go to: [www.nautilusinternational.com](http://www.nautilusinternational.com)**

**⚠ This icon means a potentially hazardous situation which, if not avoided, could result in death or serious injury. Read and understand all Warnings on this machine.**

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### Important Safety Instructions - Before servicing or using this equipment, obey the following warnings:

**⚠ Read and understand the Service Manual before working on the machine. Failure to obey the instructions and safety warnings could cause injury to the service technician or bystanders.**

**Disconnect all power to the machine before you service it.**

- Keep bystanders and children away from the product being serviced at all times.
- Make sure that the repair is done in an appropriate work space away from foot traffic and exposure to bystanders.
- Some components of the equipment can be heavy or awkward. Enlist the service of a second person when you do maintenance steps involving these components. Do not try to do heavy or awkward steps on your own.
- If replacement parts are necessary, use only genuine replacement parts and hardware supplied by Nautilus. Failure to use genuine replacement parts can cause a risk to users, keep the machine from operating correctly and void the warranty.
- Be sure that all warning stickers and instructional placards applied to the product stay present and in good condition when doing maintenance or replacing components. If at any time the Warning labels become loose, unreadable or dislodged, replace the labels. If purchased in US/Canada, contact Customer Service for replacement labels. If purchased outside US/Canada, contact your local distributor for them.
- Do not try to change the design or functionality of the machine being serviced as this can adversely affect user safety.
- Do not put the machine back in service until all shrouds, instructions, warning labels and correct functionality have been verified and tested for correct performance.

### Tools Required (not included)

#2 Phillips screwdriver



Needlenose pliers



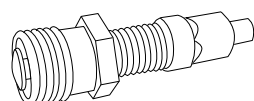
Small flathead screwdriver



7 mm open end wrench



Crank puller



2.5" x 10" cardboard and tape

3' (0.9m) length of string



**NOTICE:** It is necessary to remove the Shrouds for this procedure. Refer to the “Replace the Shrouds” procedure.  
It may be necessary to adjust the Brake tension at the end of this procedure. Refer to the “Set the Brake Tension” procedure.



**Disconnect all power to the machine before you service it.**

**Note:** Your machine may not match the image. For reference only.

1. Disconnect and reconnect the AC Adapter from the wall outlet to turn the power off and on. Push QuickStart and verify that the console shows that the default resistance level is 4. Set the resistance to the highest level.



**Disconnect all power and allow to sit for 5 minutes.**

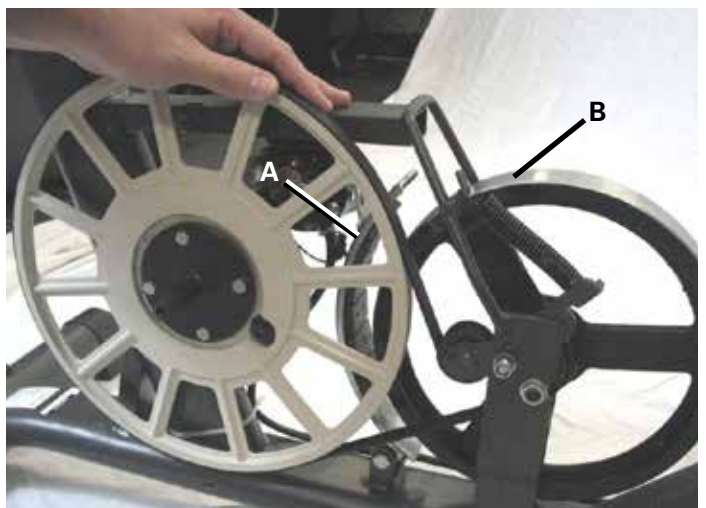
2. Carefully remove the Shrouds. Refer to the “Replace the Shrouds” procedure in this manual.

3. Measure and mark the position of the Servo Motor bracket (C) on the Main Frame.



4. Insert 2.5” x 10” cardboard between the Brake Magnet (A) and the Flywheel (B), and tape the cardboard to the Brake Magnet.

**Note:** Be sure the cardboard covers all of the Brake Magnet.

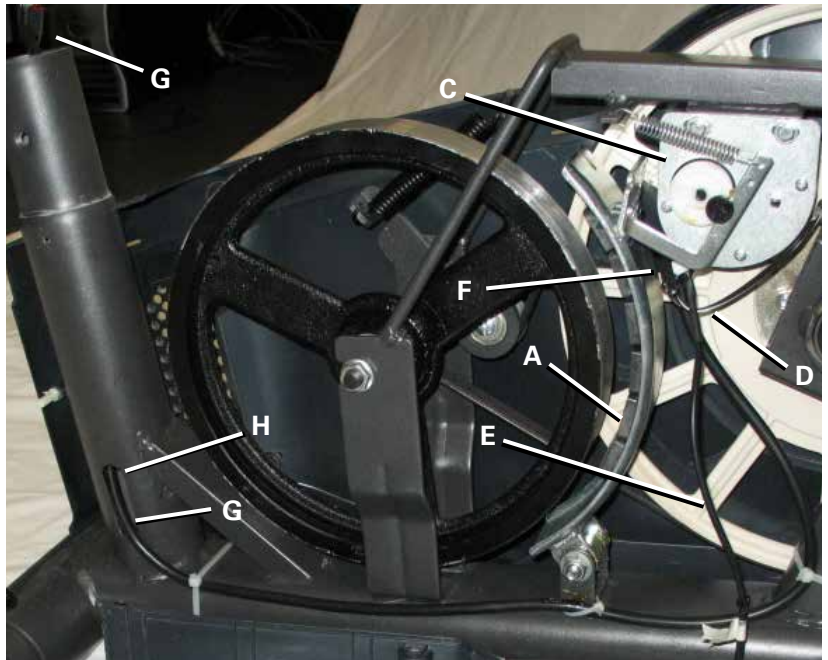




5. Observe the cable routing. Disconnect the Speed Sensor Cable (D) and Power Inlet Cable (E) from the wiring harness (F).

6. Tie the length of string to the end of the lower Console Cable (G) at the top of the Mast mount. Pull the cable and string down through the hole (H) at the base of the Mast so that the string extends through the mast.

7. Untie the string from the Console Cable (G). Remove the zipties that attach the lower Console Cable (G) to the Frame.

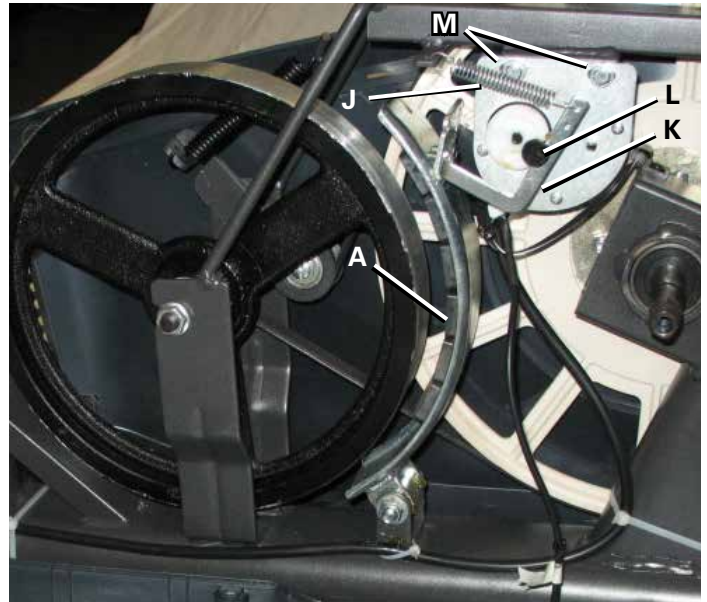


8. Using the needlenose pliers, unhook the Tension Spring (J) from the Main Frame. Pull back and release the Magnet Arm (K) enough to disengage it from the Motor Pulley Shaft (L).

9. Loosen and remove the two hex head bolts (M) from the Servo Motor (C).

*NOTICE:* Hold the Servo Motor so that it does not fall.

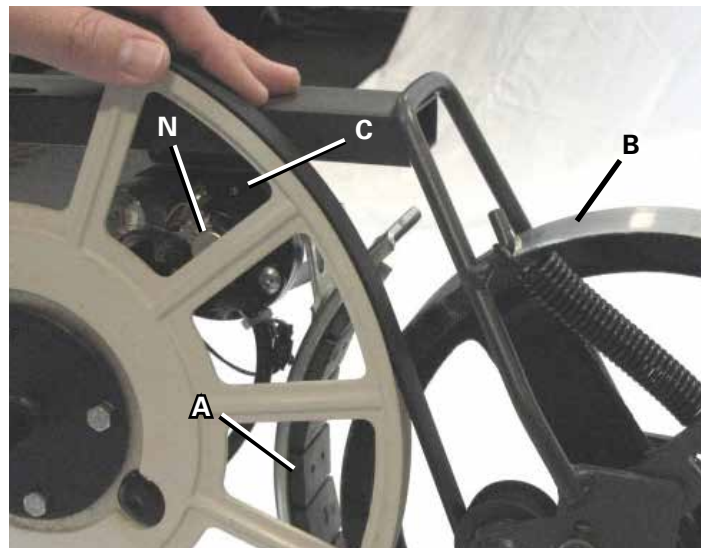
10. Remove the Servo Motor (C). Discard the old Servo Motor.



11. Installation is the reverse procedure. Adjust the new Servo Motor to same position recorded in Step 3.

*NOTICE:* Do not touch the Potentiometer (N). Do not crimp any cables.

12. Tie the end of the string at the base of the Mast to the end of the Console Cable (G) on the new Servo Motor (C). Carefully pull the cable through the hole (H) to the top of the Mast mount. Untie the string and discard it.



13. Reinstall the Mast, Console, Mast Gasket and Top Shroud. (Refer to the “Replace the Shrouds” procedure.) Turn the power on.



**Machine is on. Current is active. There is risk of electrical shock.**

14. Use the console to set the resistance to the highest level. Unplug the machine.



**Disconnect all power and allow to sit for 5 minutes.**

15. Put the Brake Arm (K) back in position and connect the Tension Spring (J) using the needlenose pliers.

**Note:** Before fully attaching the Shrouds, remove the cardboard from between the Brake Magnet (A) and the Flywheel (B). Power up the machine to verify that the Magnet Arm can move freely, and that the Brake Magnet and Flywheel do not touch at the maximum resistance level. If necessary, refer to the “Set the Brake Tension” procedure.

#### 16. Final Inspection

Inspect your machine to ensure that all hardware is tight and components are properly assembled.



**Do not use until the machine has been fully assembled and inspected for correct performance in accordance with the Owner’s Manual.**

**NOTICE:** This document provides instructions for the replacement of the Drive Belt and Flywheel Assembly on the Nautilus™ U618 Upright Bikes and R618 Recumbent Bikes.

**If you need assistance, please contact Customer Service (if purchased in US/Canada) or your local distributor (if purchased outside US/Canada). To find your local distributor, go to: [www.nautilusinternational.com](http://www.nautilusinternational.com)**

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### Important Safety Instructions - Before servicing or using this equipment, obey the following warnings:

**! Read and understand the Service Manual before working on the machine. Failure to obey the instructions and safety warnings could cause injury to the service technician or bystanders.**

**Disconnect all power to the machine before you service it.**

- Keep bystanders and children away from the product being serviced at all times.
- Make sure that the repair is done in an appropriate work space away from foot traffic and exposure to bystanders.
- Some components of the equipment can be heavy or awkward. Enlist the service of a second person when you do maintenance steps involving these components. Do not try to do heavy or awkward steps on your own.
- If replacement parts are necessary, use only genuine replacement parts and hardware supplied by Nautilus. Failure to use genuine replacement parts can cause a risk to users, keep the machine from operating correctly and void the warranty.
- Be sure that all warning stickers and instructional placards applied to the product stay present and in good condition when doing maintenance or replacing components. If at any time the Warning labels become loose, unreadable or dislodged, replace the labels. If purchased in US/Canada, contact Customer Service for replacement labels. If purchased outside US/Canada, contact your local distributor for them.
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- Do not put the machine back in service until all shrouds, instructions, warning labels and correct functionality have been verified and tested for correct performance.

#### Tools Required (not included)

#2 Phillips screwdriver



15mm open end wrench



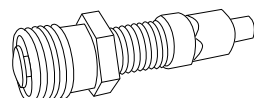
Small flathead screwdriver



15mm socket and wrench



Crank puller



Safety goggles or other eye protection

Needlenose pliers



**NOTICE:** It is necessary to remove the Shrouds for this procedure. Refer to the “Replace the Shrouds” procedure.  
It is necessary to adjust the Drive Belt tension at the end of this procedure. Refer to the “Belt Tension Adjustment” procedure.



**Disconnect all power to the machine before you service it.**

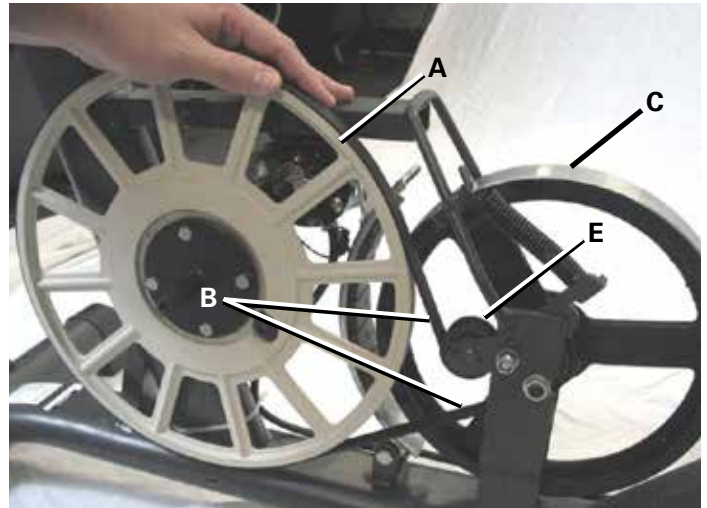
**Note:** Your machine may not match the image. For reference only.

1. Carefully remove the Shrouds. Refer to the “Replace the Shrouds” procedure in this manual.

2. Slowly turn the Drive Pulley (A) backward and carefully ease the Drive Belt (B) off the Drive Pulley to the outside.



**Be sure to keep fingers clear of all pinch hazards as you turn the Drive Pulley.**





3. Using needlenose pliers, carefully release the spring (E1) on the Belt Tensioner (E).

4. To remove the hardware from the Flywheel (C), use the 15 mm open end wrench to hold the nut (F) on one side steady and remove the nut on the opposite side with the 15 mm socket and wrench. Set the hardware safely aside.

5. Remove the Flywheel (C) from the Main Frame brackets (G) and the Drive Belt (B).

**Note:** The Flywheel is heavy.

6. Remove the old Drive Belt (B) and discard it.

7. Hold the Flywheel (C) near the Main Frame brackets (G) and put the new Drive Belt (B) in position on the Flywheel pulley (C1). Put the Drive Belt in position around the Belt Tensioner (E). Be sure that the upper portion of the Drive Belt is under the bearings on the Belt Tensioner.

**NOTICE:** This step may require two people.

8. Align the Flywheel axle in the Main Frame brackets (G). Hand tighten the hardware from step 4 on each end of the Flywheel axle.

9. Put the Drive Belt (B) onto the Drive Pulley (A). Make sure the Drive Belt is aligned on the Flywheel pulley (C1), Belt Tensioner (E) and Drive Pulley.

10. Before you fully tighten the Flywheel hardware, reattach the Belt Tensioner spring (E1) with the pliers. Make sure that the belt tension is correct. Refer to the "Belt Tension Adjustment" section in this manual.

**Note:** This step may require two people.

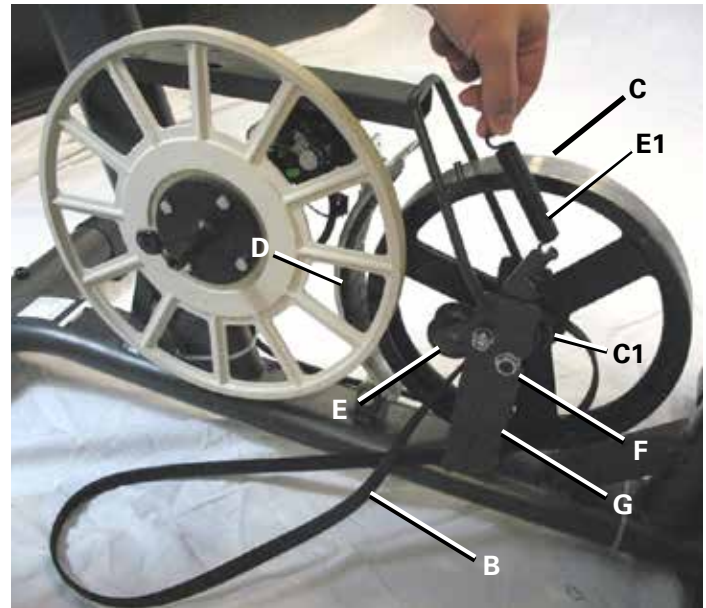
11. To tighten the Flywheel hardware, use the 15 mm open end wrench to hold the nut (F) on one side steady and tighten the nut on the opposite side with the 15 mm socket and wrench.

**Note:** Before fully attaching the Shrouds, power up the machine to verify that the Magnet Arm (D) can move freely, and that the Brake Magnet and Flywheel (C) do not touch at the maximum resistance level.

## 12. Final Inspection

Inspect your machine to ensure that all hardware is tight and components are properly assembled.

**⚠ Do not use until the machine has been fully assembled and inspected for correct performance in accordance with the Owner's Manual.**



**NOTICE:** This document provides instructions for the replacement of the Belt Tensioner Assembly (Idler Assembly) on the Nautilus™ U618 Upright Bike and R618 Recumbent Bike.

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**⚠ Read and understand the Service Manual before working on the machine. Failure to obey the instructions and safety warnings could cause injury to the service technician or bystanders.**

**Disconnect all power to the machine before you service it.**

- Keep bystanders and children away from the product being serviced at all times.
- Make sure that the repair is done in an appropriate work space away from foot traffic and exposure to bystanders.
- Some components of the equipment can be heavy or awkward. Enlist the service of a second person when you do maintenance steps involving these components. Do not try to do heavy or awkward steps on your own.
- If replacement parts are necessary, use only genuine replacement parts and hardware supplied by Nautilus. Failure to use genuine replacement parts can cause a risk to users, keep the machine from operating correctly and void the warranty.
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- Do not try to change the design or functionality of the machine being serviced as this can adversely affect user safety.
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#### Tools Required (not included)

#2 Phillips screwdriver



Needlenose pliers



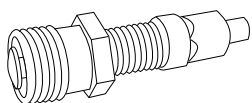
Small flathead screwdriver



13mm open end wrench



Crank puller (U616/R616)



Safety goggles or other eye protection

6mm hex key



Tape or marking pen



**NOTICE:** It is necessary to remove the Shrouds for this procedure. Refer to the “Replace the Shrouds” procedure.  
It is necessary to adjust the Drive Belt tension at the end of this procedure. Refer to the “Belt Tension Adjustment” procedure



**Disconnect all power to the machine before you service it.**

**Note:** Your machine may not match the image. For reference only.

1. Carefully remove the Shrouds. Refer to the “Replace the Shrouds” procedure in this manual.
2. Mark the position of the Belt Tensioner (A) on the Main Frame bracket (D) to record the angle of the Tension Spring arm's position.
3. Slowly turn the Drive Pulley (B) backward and carefully ease the Drive Belt (C) off the Drive Pulley to the outside.



**Be sure to keep fingers clear of all pinch hazards as you turn the Drive Pulley.**

4. Using needlenose pliers, release the Tension Spring (A1) from the hook (H) on the Main Frame.
5. Using 13 mm wrench and 6mm hex key, loosen and remove the Belt Tensioner Hardware (E). Remove the Belt Tensioner assembly (A) from the Main Frame and the Drive Belt (C). Discard the old Belt Tensioner assembly.

6. Install the new Belt Tensioner assembly. Adjust the Belt Tensioner position to the angle of the previous position recorded in Step 2.

**NOTICE:** Do not overtighten the hardware (E). The Belt Tensioner must be able to pivot. If the hardware is too tight, this can cause wear on the bearings.

7. Put the Drive Belt (C) onto the Drive Pulley (B). Make sure the Drive Belt is aligned on the Flywheel pulley (F), Belt Tensioner (A) and Drive Pulley. Be sure that the upper portion of the Drive Belt is under the bearings on the Belt Tensioner.
8. Using needlenose pliers, attach the Belt Tensioner spring (A1). Make sure that the belt tension is correct. Refer to the “Belt Tension Adjustment” section in this manual.

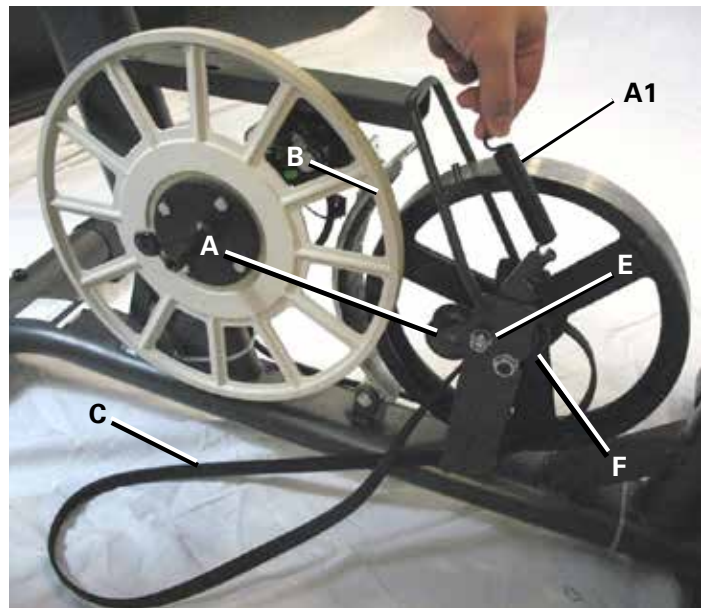
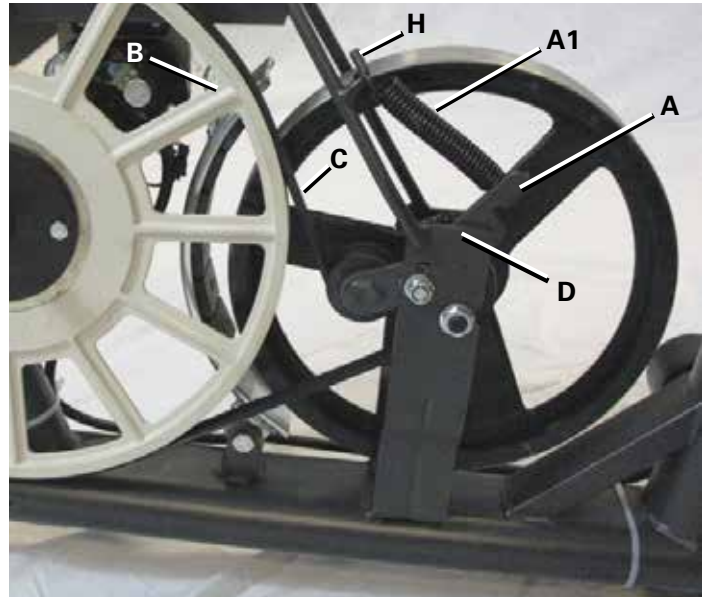
**Note:** This step may require two people.

## 9. Final Inspection

Inspect your machine to ensure that all hardware is tight and components are properly assembled.



**Do not use until the machine has been fully assembled and inspected for correct performance in accordance with the Owner's Manual.**



**NOTICE:** This document provides instructions for the replacement of the RPM Sensor (Speed Sensor) on the Nautilus™ U618 Upright Bike and R618 Recumbent Bike.

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**Disconnect all power to the machine before you service it.**

- Keep bystanders and children away from the product being serviced at all times.
- Make sure that the repair is done in an appropriate work space away from foot traffic and exposure to bystanders.
- Some components of the equipment can be heavy or awkward. Enlist the service of a second person when you do maintenance steps involving these components. Do not try to do heavy or awkward steps on your own.
- If replacement parts are necessary, use only genuine replacement parts and hardware supplied by Nautilus. Failure to use genuine replacement parts can cause a risk to users, keep the machine from operating correctly and void the warranty.
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### Tools Required (not included)

#2 Phillips screwdriver



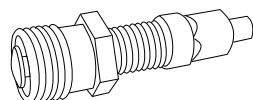
Utility knife or scissors to cut ziptie

Ziptie

Small flathead screwdriver



Crank puller





**NOTICE:** It is necessary to remove the Shrouds for this procedure. Refer to the “Replace the Shrouds” procedure.

**!** **Disconnect all power to the machine before you service it.**

**Note:** Your machine may not match the image. For reference only.

1. Carefully remove the Shrouds. Refer to the “Replace the Shrouds” procedure in this manual.

2. Observe the cable routing from the RPM Sensor (A) to the wiring harness (C) on your machine. Carefully disconnect the RPM Sensor cable (B) from the wiring harness.

3. Remove the hardware that attaches the RPM Sensor (A) to the Main Frame. Carefully remove the old RPM Sensor and cable and discard it.

**NOTICE:** Do not crimp any cables.

4. Installation is the reverse procedure.

**NOTICE:** Do not crimp any cables. Be sure the routing for the new RPM Sensor cable (B) and other wiring is correct to prevent interference from moving parts.

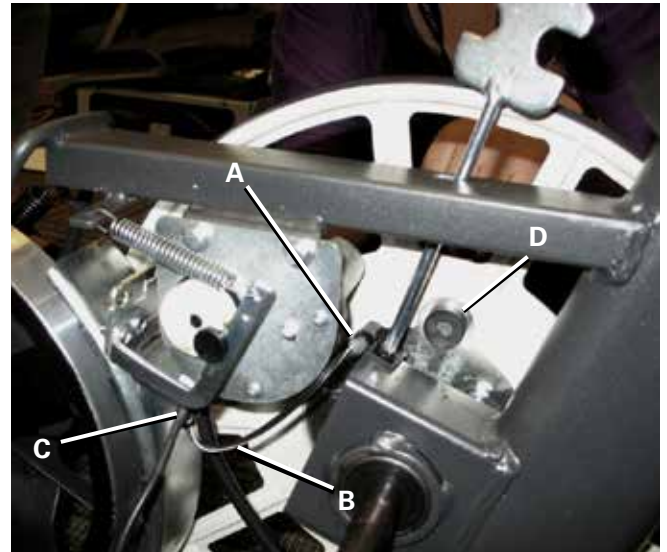
**Note:** Before fully attaching the Shrouds, verify that the RPM Sensor (A) and Speed Sensor Magnet (D) on the Drive Pulley do not touch.

#### 5. Final Inspection

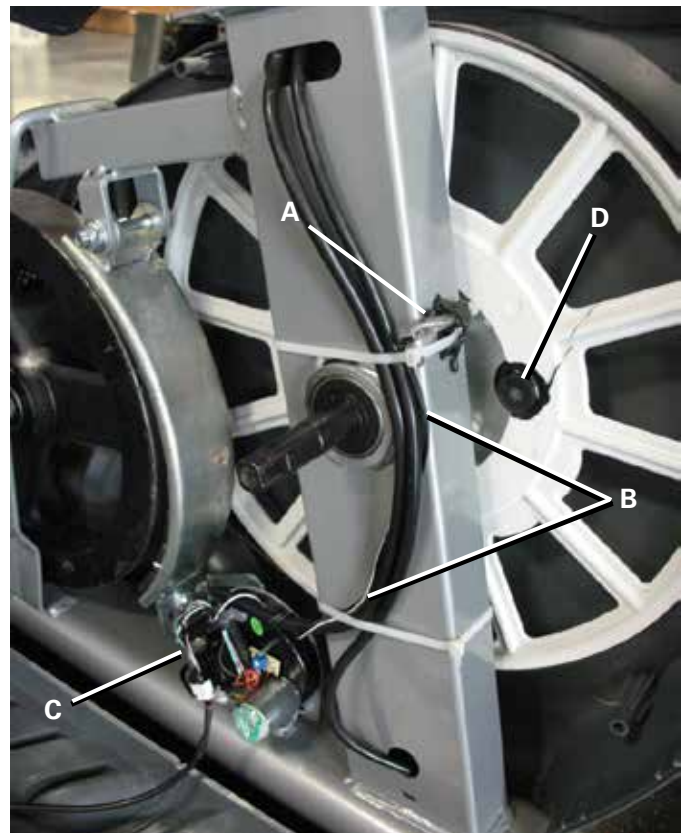
Inspect your machine to ensure that all hardware is tight and components are properly assembled.

**!** **Do not use until the machine has been fully assembled and inspected for correct performance in accordance with the Owner’s Manual.**

**Upright bike**



**Recumbent bike**



**NOTICE:** This document provides instructions for the replacement of the Power Inlet on the Nautilus™ U618 Upright Bike and R618 Recumbent Bike.

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### Tools Required (not included)

#2 Phillips screwdriver



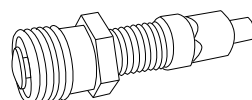
17mm open end wrench  
or adjustable wrench




Small flathead screwdriver



Crank puller



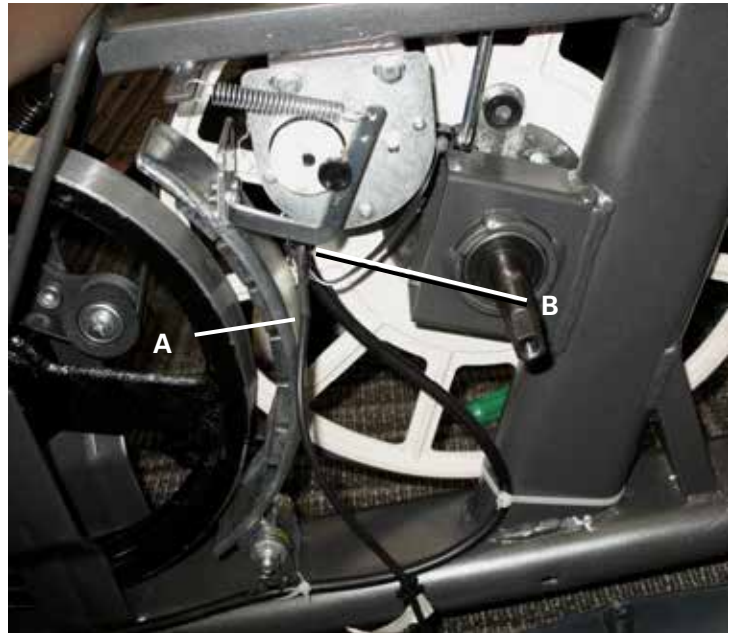
**NOTICE:** It is necessary to remove the Shrouds for this procedure. Refer to the “Replace the Shrouds” procedure.

 **Disconnect all power to the machine before you service it.**

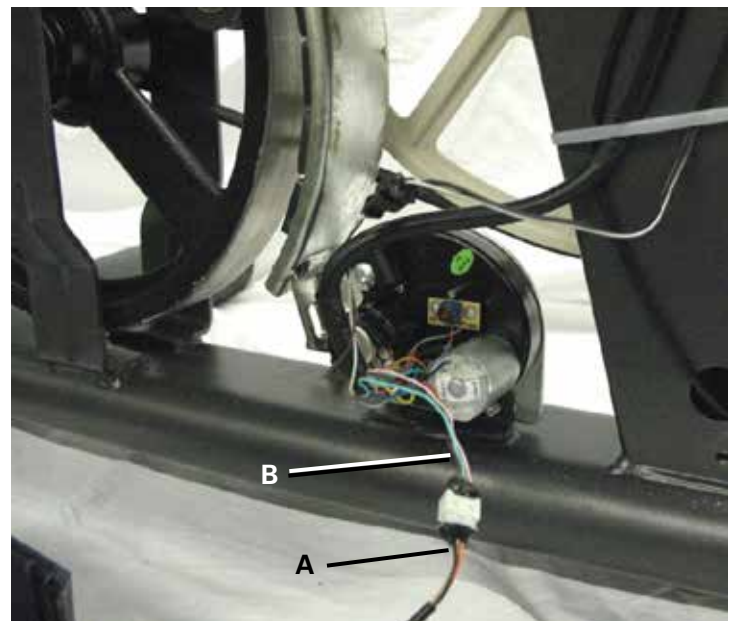
**Note:** Your machine may not match the image. For reference only.

1. Carefully remove the Left Shroud. Refer to the “Replace the Shrouds” procedure in this manual.
2. Carefully disconnect the Power Inlet cable (A) in the Shroud from the wiring harness (B) on the motor.

**Upright bike**



**Recumbent bike**



3. Loosen and remove the thin Nut from the Power Inlet (C) on the outside of the Shroud.



4. Pull the Power Inlet plug (C) out of the hole toward the inside of the Shroud. Discard the old Power Inlet assembly.

5. Installation is the reverse procedure.

*NOTICE:* Do not crimp any cables. Be sure the Power Inlet plug is seated evenly in the hole.

#### 6. Final Inspection

Inspect your machine to ensure that all hardware is tight and components are properly assembled.

**⚠ Do not use until the machine has been fully assembled and inspected for correct performance in accordance with the Owner's Manual.**

