

AD6 Airdyne® Upright Bike Service Manual

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Important Safety Instructions and General Troubleshooting Information for the AD6 Airdyne® Upright Bike

NOTICE: This document provides important safety instructions, adjustments, and general troubleshooting information for the maintenance of the Schwinn® AD6 Airdyne® Upright Bike.

If you need assistance, please call Schwinn Customer Service at 1-800-605-3369.



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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:

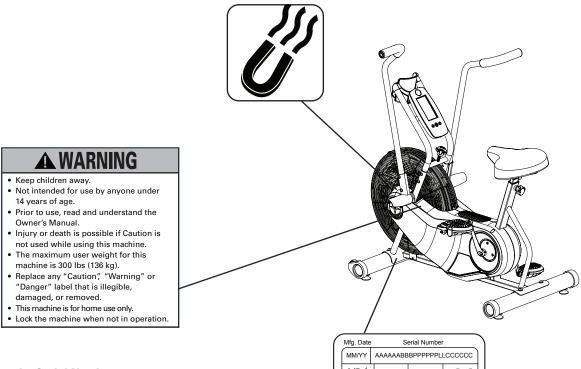


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ADANGER To reduce the risk of electrical shock or usage of the equipment, always remove the batteries from the machine and wait 5 minutes before cleaning, maintaining or repairing the machine.

- 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.
- Use only replacement parts and hardware that are supplied or approved by Nautilus. Failure to use Nautilus-approved replacement parts can adversely affect the safety and functionality of the equipment creating a risk to users.
- 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 necessary, request replacement warning stickers or placards from Nautilus customer
 service.
- 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.
- This product contains magnets. Magnetic fields can interfere with the normal use of certain medical devices at a close range. Users
 may come into proximity of the magnets in the assembly, maintenance, and/or use of the product. Given the obvious importance of
 these devices, such as a pacemaker, it is important that you consult with your medical provider in connection with the use of this
 equipment. Please consult the "Safety Warning Labels and Serial Number" section to determine the location of the magnets on this
 product.

SAFETY WARNING LABELS AND SERIAL NUMBER



Reading the Serial Number

The instructions below show how to decode the information contained on the serial number.

Serial Number

AAAAAA Nautilus part number (SKU)

BBB Vendor Code

PPPPPP Purchase Order Number
LL Purchase Order Line Number

CCCCCC Unique Identifier

Machine Weight: 115 lbs. (52.2 kg)

Power Requirements: 2 AA Batteries

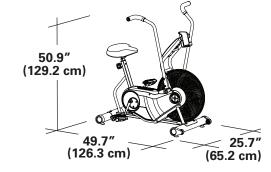
Operating Voltage: 1.0 - 3.3VDC

Maximum User Weight: 300 lbs. (136 kg)

Regulatory Approvals:

 $C \in RoHS$





This product conforms to the applicable EN ISO 20957 International Standards for Stationary Training Equipment, Class S



DO NOT dispose of this product as refuse. This product is to be recycled. For information on the proper method of disposal, contact a Nautilus Customer Service Representative. Contact information is available in the Contacts section in this manual.

A

This product, its packaging, and components contain chemicals known to the State of California to cause cancer, birth defects, or reproductive harm. This Notice is provided in accordance with California's Proposition 65. If you would like additional information, please refer to our website at www.nautilus.com/prop65.

Read all maintenance instructions fully before you start any repair work. In some conditions, an assistant is required 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, contact Customer Service for replacement labels.

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

sweat.

Note: Avoid excessive moisture on the Console.

Weekly: Clean the machine to remove any dust, dirt, or grime from the sur-

faces.

Check for smooth seat operation. If needed, sparingly apply a thin

coating of silicone lube to ease operation. **Note:** Do not use petroleum based products.

Monthly or after 20 hours:

Check pedals, crank arms and handlebars. Make sure all bolts and

screws are tight. Tighten as necessary.

NOTICE: Do not clean with a petroleum based solvent or an automotive cleaner. Be sure to keep the Console free of moisture.



When the machine is used in a Light Commercial environment, the Pedals must be replaced every year to maintain maximum user safety and performance. Only use replacement Pedals available from Nautilus. Other brands of Pedals may not be designed for Indoor Cycling and can cause danger to users and bystanders.

Replacing the Console Batteries

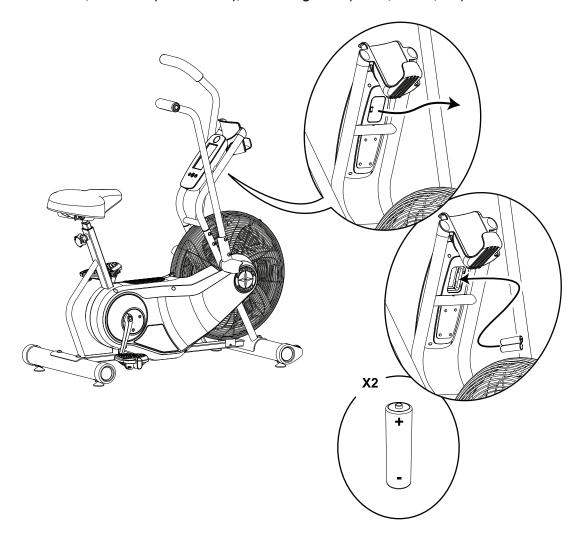
The Console will display "Lbatt" for ten seconds when the batteries are around 10% of their rated power during power up. When replacing the batteries, make sure the batteries point in the +/- direction shown in the battery bay.

Note: The console uses AA size batteries (LR6).



Do not mix old and new batteries.

Do not mix alkaline, standard (carbon-zinc), or rechargeable (Ni-Cd, Ni-MH, etc) batteries.



Moving the Machine



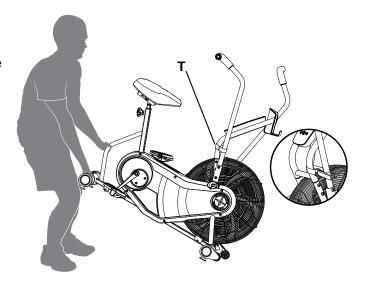
The machine may be moved by one or more persons depending on their physical abilities and capacities. Make sure that you and others are all physically fit and able to move the machine safely. Use proper safety precautions and lifting techniques.

- 1. Secure the Handlebar to the Console Support Bar with the Transport and Immobilization Strap (T).
- 2. Use the Rear Stabilizer to carefully lift the machine onto the transport rollers.

Note: Be sure to keep the fan assembly clear of the floor.

- 3. Push the machine into position.
- 4. Carefully lower the machine into position.

NOTICE: Be careful when you move the machine. All abrupt motions can affect the computer operation.



Leveling the Machine

The machine needs to be leveled if your workout area is uneven. To adjust:

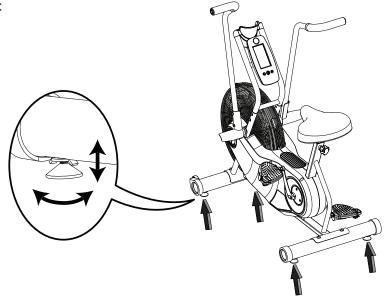
- 1. Place the machine in your workout area.
- 2. Loosen the locking nuts and adjust the levelers until they are evenly balanced and in contact with the floor.



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.

3. Tighten the locking nuts.

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



Locking the Fan Assembly / Storage

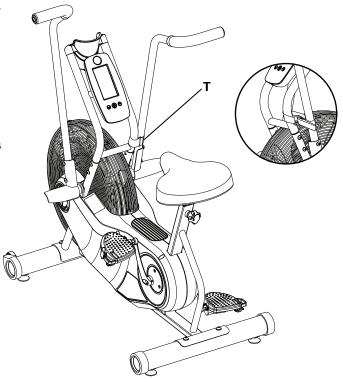
When the machine is not in use, be sure to lock the Fan Assembly with the Transport and Immobilization Strap. The fan assembly should be locked for storage of the machine.



For safe storage of the machine, remove the batteries and install the Transport and Immobilization Strap to secure the Resistance Fan. Place the machine in a secure location away from children and pets. Be aware that the Pedals, Handlebars and Resistance Fan are connected and when any of these parts move the others do as well.

To lock the Fan Assembly:

- 1. Move the Handlebars so that one Handlebar is as close as possible to the Console Support Bar.
- 2. Wrap the Transport and Immobilization Strap (T) around the Handlebar and the Console Support Bar and put the end of the strap through the metal ring. Tighten the strap to prevent movement of the handlebars and secure the strap.



TROUBLESHOOTING

| Condition/Problem | Things to Check | Solution | | |
|--|--|---|--|--|
| Console will not power up/ turn on/start | Batteries | Make sure batteries are installed correctly. If batteries are correctly installed, replace with a set of new batteries. | | |
| | 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 | Make 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. | | |
| | | If the above steps do not resolve the problem, contact Customer Care for further assistance. | | |
| Speed displayed is not accurate | Display set to wrong unit of measure. (English/ Metric) | Change display units (consult "Console Service Mode") | | |
| No speed/RPM reading | 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 Speed Sensor Magnet position (requires shroud removal) | Magnet should be in place on pulley. | | |
| | Check Speed Sensor Assembly (requires shroud removal) | Speed Sensor Bracket 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. | | |
| Console displays "Lbatt" error code | Batteries | Replace batteries | | |
| Unit operates but Tele- metric Heart Rate not displayed | Chest Strap (optional) | Strap should be "POLAR®" compatible and uncoded. Make sure strap is directly against skin and contact area is wet. | | |
| | 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. | | |
| Console shuts off (enters sleep mode) while in use/ Speed displayed is always "0"/stuck in Pause mode | 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. | | |
| | Check Speed Sensor Magnet position (requires shroud removal) | Speed Sensor Magnet should be in place on pulley. | | |
| | Check Speed Sensor Assembly | Contact Customer Care for further assistance. | | |

| Unit rocks/does not sit level | Check leveler adjustment | Leveling feet may be turned in or out to level bike. | | |
|--------------------------------------|---------------------------------|--|--|--|
| | 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 connection | Pedal should be tightened securely to crank. Be sure connection is not cross-threaded. | | |
| | Check crank to axle connection | Crank should be tightened securely to axle. | | |
| Clicking sound when pedaling | Check pedal to crank connection | Remove pedals and reattach fully. | | |
| | Check Locking Knob | Be sure the Locking Knob is clear of Fan. | | |
| Seat post movement | Check locking pin | Be sure adjustment pin is locked into one of the seat post adjustment holes. | | |
| | Check locking knob | Be sure knob is securely tightened. | | |

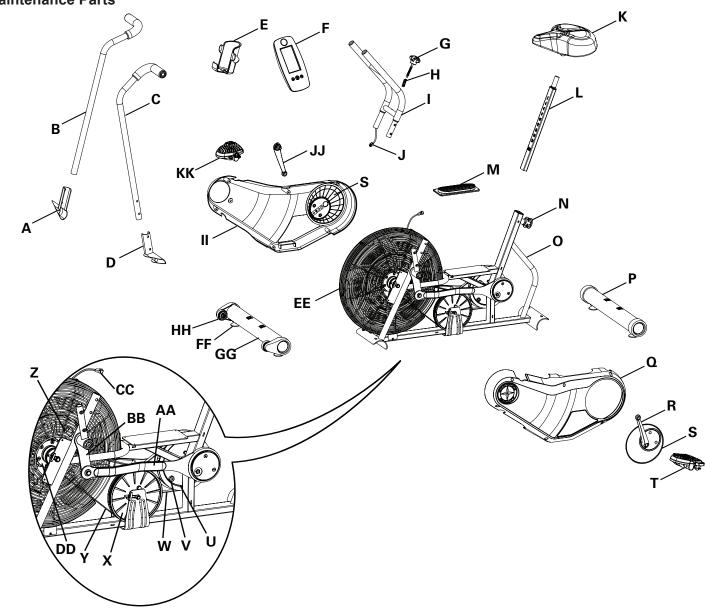
CONSOLE SERVICE MODE

The Console Service Mode lets you set the units of measurement to either English or Metric, see the total time and distance the machine has been used, adjust the altitude value for a more accurate calorie count, or find out which version of Firmware is installed.

- Hold down the Increase button and Decrease button together for 3 seconds while in the Idle Mode to go into the Console Service Mode.
- The Console display shows the Units prompt ("Unit"). Push START/STOP to start Units option. Push the Increase/ Decrease buttons to change between "M" (Imperial English units) and "KM" (metric units).
- 3. Push START/STOP to set. For the next option, push the Increase button.
- 4. The Console display shows the Workout Statistics prompt ("StAt"). Push START/STOP to start the Workout Statistics option. The Console will display the Total Distance ("Odo") and Total Time.
 - Note: The upper displayed value shows the total hours followed by the remaining minutes.
- 5. Push START/STOP to exit. For the next option, push the Increase button.
- 6. The Console display shows the Firmware Version prompt ("Fir"). The Console will display which Firmware Version is installed in the Speed display field.
- 7. For the next option, push the Increase button.
- 8. The Console display shows Altitude ("Alt") with the previously entered value in the Speed display field. Push START/STOP to adjust the Altitude value. Use the Increase/Decrease buttons to change the value.
- 9. Push START/STOP to exit. For the next option, push the Increase button.
- 10. The Console display shows the exit prompt ("dOnE").
- 11. Push START/STOP to exit.

To fully exit the Console Service Mode push and hold down the START/STOP button for 3 seconds. In Service Mode if the Console does not receive any input in approximately 5 minutes, it goes into Sleep Mode.

Maintenance Parts



| Α | Foot Peg, Right | N | Seat Adjustment Knob | AA | Connector Arm |
|---|----------------------|---|-----------------------|----|-------------------------|
| В | Handlebar, Right | 0 | Frame | BB | Arm Pivot |
| С | Handlebar, Left | Р | Stabilizer, Rear | СС | Console Cable, Lower |
| D | Foot Peg, Left | Q | Shroud, Left | DD | Resistance Fan Assembly |
| E | Water Bottle Holder | R | Crank Arm, Left | EE | Fan Cover |
| F | Console | S | Center Plate | FF | Leveler |
| G | Locking Knob | Т | Pedal, Left | GG | Stabilizer, Front |
| Н | Spring, Knob | U | Pulley, Crank | НН | Transport Wheel |
| I | Console Support Bar | V | Speed Sensor Magnet | Ш | Shroud, Right |
| J | Console Cable, Upper | W | Crank Belt | JJ | Crank Arm, Right |
| K | Seat | Х | Drive Pulley | KK | Pedal, Right |
| L | Seat Post | Υ | Drive Belt | | |
| М | Foot Step Pad | Z | Speed Sensor 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



Adjust the Drive and Crank Belts on the AD6 Airdyne® Upright Bike

Replacement Procedure

Skill Level: II

8001810.010117.B

NOTICE: This document provides instructions to adjust the Drive and Crank Belts on the Schwinn® AD6 Airdyne® Upright Bike.

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- Read and understand the Part Replacement Procedure before working on the machine. Failure to obey the instructions and safety warnings could cause injury to the service technician or bystanders.
- 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 use the machine until all shrouds, instructions, warning labels and correct functionality have been verified and tested for correct performance.
- This product contains magnets. Magnetic fields can interfere with the normal use of certain medical devices at a close range. Users may come into proximity of the magnets in the assembly, maintenance, and/or use of the product. Given the obvious importance of these devices, such as a pacemaker, it is important that you consult with your medical provider in connection with the use of this equipment. Please consult the "Safety Warning Labels and Serial Number" section in the Owner's Manual to determine the location of the magnets on this product.

Tools Required (not included)

#2 Phillips screwdriver

10 mm Wrench

4 mm Hex Wrench



14 mm Socket Wrench



ADANGER To reduce the risk of electrical shock or usage of the equipment, always remove the batteries from the machine and wait 5 minutes before cleaning, maintaining or repairing the machine.

1. Remove the 3 indicated screws (with arrows) from the Crank Arm using a 14 mm Socket Wrench and a 4 mm hex wrench.

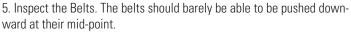
Note: Be aware that the Crank Arm and Pedal will fall if not supported during the hardware removal.



2. Using a #2 Phillips screwdriver, remove the indicated screws (with circles) from the Shrouds.

Note: To assist with re-assembly, be aware that the screws indicated with an arrow are Self-Tapping Screws.

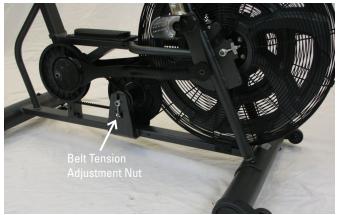
- 3. Remove the Shroud and Crank Cover.
- 4. Repeat procedures on the opposite side of the machine.

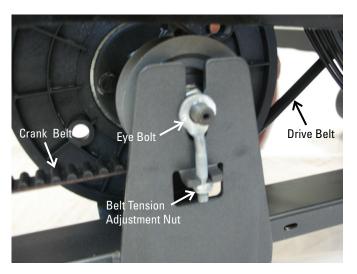


[Crank Belt (700-800N) and the Drive Belt (400N)]

6. Using a 10 mm wrench, adjust the Belt Tension Adjustment Nuts on both sides of the machine. Gradually turn it a 1/4 turn on each side. Tighten (clockwise) the Adjustment Nuts to increase the belt tension, loosen (counter-clockwise) to decrease.







- 7. If both Adjustment Nuts have been tightened, but the Drive Belt still has some movement, adjust the Fan Tensioner Bolts.
- 8. Using a 10 mm wrench, gradually turn the Fan Tension Adjustment Nuts (on both sides, clockwise) until the Drive Belt can barely be pushed at its mid-point.



Keep fingers out of any pinch opportunities when removing the Pulley Assembly.



9. Installation is the reverse procedure.

Note: Be sure when attaching the Crank Arm that all three pieces (Crank Arm, Crank Cover, and Connector Arm) are properly aligned before installing ANY hardware. The Crank Cover may have rotated during the Crank Arm removal.

10. 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.





Replace the Arm Pivot Assembly on the AD6 Airdyne® Upright Bike

Replacement Procedure

Skill Level: I
8001811.010117.B

NOTICE: This document provides instructions for the replacement of the Arm Pivot Assembly on the Schwinn® AD6 Airdyne® Upright Bike.

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- Read and understand the Part Replacement Procedure before working on the machine. Failure to obey the instructions and safety warnings could cause injury to the service technician or bystanders.
- 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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Tools Required (not included)

#2 Phillips screwdriver



14 mm Socket Wrench



4 mm Hex Wrench 6 mm Hex Wrench





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Note: The images in this procedure show the Left Shroud being removed. The procedure is the same for either side of the machine.

1. Remove the 3 indicated screws from the Crank Arm using a 14mm socket wrench and a 4 mm hex wrench

Note: Be aware that the Crank Arm and Pedal will fall if not supported during the hardware removal.



2. Using a #2 Phillips screwdriver, remove the indicated screws from the Shrouds.

Note: To assist with re-assembly, be aware that the screws indicated with an arrow are Self-Tapping Screws.



3. Remove the Shroud and Crank Cover.



- 5. Remove the Handlebar from the Arm Pivot Assembly.



6. Using a 14 mm socket wrench, remove the indicated screw from the Connector $\mbox{\sc Arm}.$







8. Slide the Arm Pivot Assembly off of the machine.

Note: When removing the Arm Pivot Assembly, be aware of the washer locations to assist with re-assembly.

9. Installation is the reverse procedure.

Note: Be sure when attaching the Crank Arm that all three pieces (Crank Arm, Crank Cover, and Connector Arm) are properly aligned before installing ANY hardware. The Crank Cover may have rotated during the Crank Arm removal.

10. 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.





Replace the Crank Belt on the AD6 Airdyne® Upright Bike

Replacement Procedure

Skill Level: II

8001812.010117.B

NOTICE: This document provides instructions for the replacement of the Crank Belt on the Schwinn® AD6 Airdyne® Upright Bike.

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Tools Required (not included)

#2 Phillips screwdriver



10 mm Wrench 15 mm Wrench



14 mm Socket Wrench



4 mm Hex Wrench 6 mm Hex Wrench





ADANGER To reduce the risk of electrical shock or usage of the equipment, always remove the batteries from the machine and wait 5 minutes before cleaning, maintaining or repairing the machine.

1. Remove the 3 indicated screws (with arrows) from the Crank Arm using a 14 mm socket wrench and a 4 mm hex wrench.

Note: Be aware that the Crank Arm and Pedal will fall if not supported during the hardware removal.



2. Using a #2 Phillips screwdriver, remove the indicated screws (circled) from the Shrouds.

Note: To assist with re-assembly, be aware that the screws indicated with an arrow are Self-Tapping Screws.

- 3. Remove the Shroud and Crank Cover.
- 4. Repeat procedures on the opposite side of the machine.
- 5. Using a 6 mm hex wrench, remove the two indicated screws from the Right Foot Peg and remove it.
- 6. Remove the Handlebar.



- 7. Using a 14 mm socket wrench, remove the indicated screw from the Connector Arm.
- 8. Disconnect the Connector Arm from the Arm Pivot Assembly.



9. Using a 15 mm wrench, remove the Eye Bolt Securing Nut from both sides of the machine.



10. Using a 10 mm wrench, loosen the Belt Tension Adjustment Nut and remove the Eye Bolt.

Note: To assist with re-assembly, be aware that the Eye Bolt has a slight bend and must be reassembled in the same orientation.



11. Repeat the previous step on the opposite side of the machine.



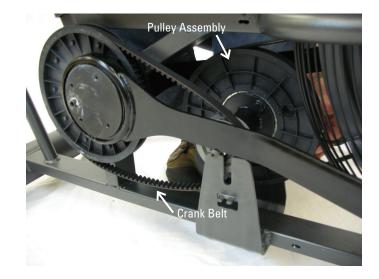




12. Gradually work the Pulley Assembly out of the Bracket.

Keep fingers out of any pinch opportunities when removing the Pulley Assembly.

13. Lift the Pulley Assembly and remove the Crank Belt from it.



14. Remove the Crank Belt from the Crank Pulley and slide it off the length of the Connector Arm.



15. Route the new Crank Belt over the Connector Arm and onto the Crank Pulley.



Keep fingers out of any pinch opportunities when removing the Pulley Assembly.

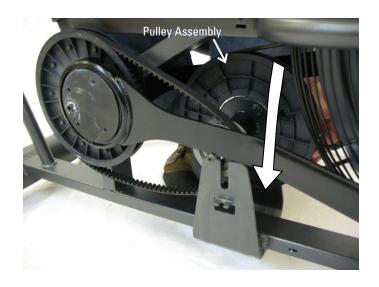
16. Slightly lift the Pulley Assembly and place the Crank Belt around the small pulley.



Keep fingers out of any pinch opportunities when removing the Pulley Assembly.

17. With the Crank and Drive Belt placed correctly on the Pulley Assembly, push it down into the Bracket. Attach the Eye Bolts (oriented correctly) with the Belt Tension Adjustment Nuts.





18. Gradually tighten the Belt Tension Adjustment Nuts by a full turn, alternating between each side. Continue until the Crank Belt (700-800N) and the Drive Belt (400N) can barely be pushed downward at their mid-point.

19. Using a 15 mm wrench, attach the Securing Nuts for the Eye Bolt on both sides of the machine.

20. Installation is the reverse procedure.

Note: Be sure when attaching the Crank Arm that all three pieces (Crank Arm, Crank Cover, and Connector Arm) are properly aligned before installing ANY hardware. The Crank Cover may have rotated during the Crank Arm removal.

21. 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.





Replace the Drive Belt / Fan Assembly on the AD6 Airdyne® Upright Bike

Replacement Procedure Skill Level: II

8001813.010117.B

NOTICE: This document provides instructions for the replacement of the Drive Belt and/or the Fan Assembly on the Schwinn® AD6 Airdyne® Upright Bike.

If you need assistance, please call Schwinn Customer Service at 1-800-605-3369.



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:



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.

ADANGER To reduce the risk of electrical shock or usage of the equipment, always remove the batteries from the machine and wait 5 minutes before cleaning, maintaining or repairing the machine.

- Read and understand the Part Replacement Procedure before working on the machine. Failure to obey the instructions and safety warnings could cause injury to the service technician or bystanders.
- 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.
- Use only replacement parts and hardware that are supplied or approved by Nautilus. Failure to use Nautilus-approved replacement parts can adversely affect the safety and functionality of the equipment creating a risk to users.
- 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 necessary request replacement warning stickers or placards from Nautilus customer service.
- Do not try to change the design or functionality of the machine being serviced as this can adversely affect user safety.
- Do not use the machine until all shrouds, instructions, warning labels and correct functionality have been verified and tested for correct performance.
- This product contains magnets. Magnetic fields can interfere with the normal use of certain medical devices at a close range. Users may come into proximity of the magnets in the assembly, maintenance, and/or use of the product. Given the obvious importance of these devices, such as a pacemaker, it is important that you consult with your medical provider in connection with the use of this equipment. Please consult the "Safety Warning Labels and Serial Number" section in the Owner's Manual to determine the location of the magnets on this product.

Tools (as needed) #2 Phillips Screwdriver 10 mm Wrench 15 mm Wrench 15 mm Wrench Pliers 4 mm Hex Wrench 6 mm Hex Wrench

ADANGER To reduce the risk of electrical shock or usage of the equipment, always remove the batteries from the machine and wait 5 minutes before cleaning, maintaining or repairing the machine.

1. Remove the 3 indicated screws (with arrows) from the Crank Arm using a 14mm socket wrench and a 4 mm hex wrench.

Note: Be aware that the Crank Arm and Pedal will fall if not supported during the hardware removal.



2. Using a #2 Phillips screwdriver, remove the indicated screws (with circles) from the Shrouds.

Note: To assist with re-assembly, be aware that the screws indicated with an arrow are Self-Tapping Screws.

- 3. Remove the Shroud and Crank Cover.
- 4. Repeat procedures on the opposite side of the machine.
- 5. Using a 6 mm hex wrench, remove the two indicated screws from the Right Foot Peg and remove it.
- 6. Remove the Handlebar.





- 7. Using a 14 mm socket wrench, remove the indicated screw from the Connector Arm.
- 8. Disconnect the Connector Arm from the Arm Pivot Assembly.



9. Using a 15 mm wrench, remove the Eye Bolt Securing Nut from both sides of the machine.



10. Using a 10 mm wrench, loosen the Belt Tension Adjustment Nut and remove the Eye Bolt.

Note: To assist with re-assembly, be aware that the Eye Bolt has a slight bend and must be reassembled in the same orientation.



11. Repeat the previous step on the opposite side of the machine.



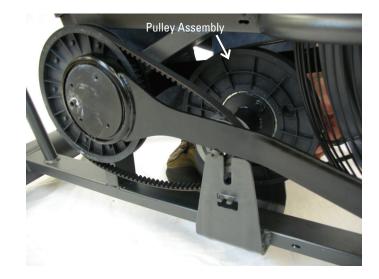




12. Gradually work the Pulley Assembly out of the Bracket.

A

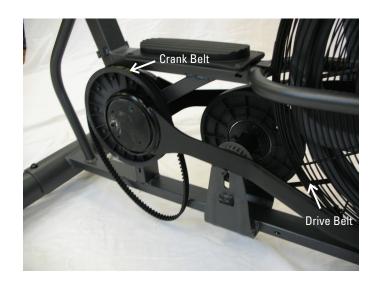
Keep fingers out of any pinch opportunities when removing the Pulley Assembly.



13. Lift the Pulley Assembly and remove the Crank and Drive Belts from it. Place the Pulley Assembly back in the Bracket.



Keep fingers out of any pinch opportunities when removing the Pulley Assembly.



14. Remove the Speed Sensor Magnet from the Speed Sensor Magnet Mount.

Note: Record the distance from the inner edge of the Magnet Mount to the end of the Speed Sensor Magnet for proper replacement position.

15. Using a #2 Phillips screwdriver, remove the Speed Sensor Magnet Mount from the Frame.



16. Using a #2 Phillips screwdriver, remove the indicated screws from the Foot Step Pad, and remove it.



17. Using a #2 Phillips screwdriver, remove the screw that was below the Foot Step Pad.



18. Using a #2 Phillips screwdriver, remove the 2 indicated screws from each side of the Fan Assembly.



- 19. Using a #2 Phillips screwdriver, remove the Fan Cage Bracket from both sides of the machine.
- 20. Using a 15 mm wrench, remove the Eye Bolt Securing Nut from both sides of the machine.
- 21. Using a 10 mm wrench, loosen the Fan Tension Adjustment Nut and remove it along with the Eye Bolt.

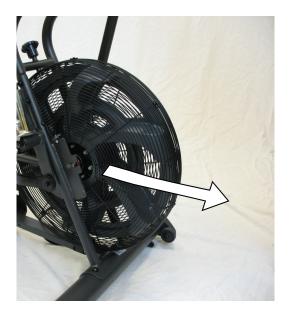
Note: To assist with re-assembly, be aware that the Eye Bolt has a slight bend and must be reassembled in the same orientation.



22. Repeat procedure on the opposite side of the machine.



23. Pulling from the front of the machine, remove the Fan Assembly from the Frame Assembly.





24. Route the Fan Belt into the new Fan Assembly, and over onto the Fan Assembly Pulley.



25. Insert the new Fan Assembly with Fan Belt into the Frame Assembly.

Note: It may be necessary to slightly adjust the Inner Locking Nuts to allow the Fan Assembly to fit back into the Frame Assembly. Using pliers to restrict the movement of the fan shaft and a 17 mm wrench, adjust the Inner Locking Nut by 1/4 turns equally on both sides of the Fan Assembly. Do not over adjust.

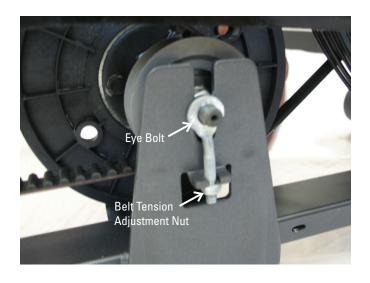


26. Installation is the reverse procedure.

Note: With the Crank and Drive Belt placed correctly on the Pulley Assembly, push it down into the Bracket. Attach the Eye Bolts (oriented correctly) with the Belt Tension Adjustment Nuts.

Gradually tighten the Belt Tension Adjustment Nuts by a full turn, alternating between each side. The belts should barely be able to be pushed downward at their mid-point.

[Crank Belt (700-800N) and the Drive Belt (400N)]



Be sure when attaching the Crank Arm that all three pieces (Crank Arm, Crank Cover, and Connector Arm) are properly aligned before installing ANY hardware. The Crank Cover may have rotated during the Crank Arm removal.

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.





Replace the Input/Output (I/O) Cable on the AD6 Airdyne® Upright Bike

Replacement Procedure Skill Level: I 8001814.010117.B

NOTICE: This document provides instructions for the replacement of the Input/Output Cable on the Schwinn® AD6 Airdyne® Upright Bike.

If you need assistance, please call Schwinn Customer Service at 1-800-605-3369.



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



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ADANGER To reduce the risk of electrical shock or usage of the equipment, always remove the batteries from the machine and wait 5 minutes before cleaning, maintaining or repairing the machine.

- Read and understand the Part Replacement Procedure before working on the machine. Failure to obey the instructions and safety warnings could cause injury to the service technician or bystanders.
- 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.
- Use only replacement parts and hardware that are supplied or approved by Nautilus. Failure to use Nautilus-approved replacement parts can adversely affect the safety and functionality of the equipment creating a risk to users.
- 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 necessary request replacement warning stickers or placards from Nautilus customer service.
- Do not try to change the design or functionality of the machine being serviced as this can adversely affect user safety.
- Do not use the machine until all shrouds, instructions, warning labels and correct functionality have been verified and tested for correct performance.
- This product contains magnets. Magnetic fields can interfere with the normal use of certain medical devices at a close range. Users may come into proximity of the magnets in the assembly, maintenance, and/or use of the product. Given the obvious importance of these devices, such as a pacemaker, it is important that you consult with your medical provider in connection with the use of this equipment. Please consult the "Safety Warning Labels and Serial Number" section in the Owner's Manual to determine the location of the magnets on this product.

Tools Required (not included)

Short piece of string or cable

#2 Phillips screwdriver



6 mm Hex Wrench





ADANGER To reduce the risk of electrical shock or usage of the equipment, always remove the batteries from the machine and wait 5 minutes before cleaning, maintaining or repairing the machine.

- 1. Using a 6 mm hex wrench, remove the two indicated screws from the Console Support Bar Assembly.
- 2. Repeat procedure on the opposite side of the Console Support Bar Assembly.



Note: This part of the procedure is easier with two people.

3. Lift the Console Support Bar Assembly only enough to expose the Speed Sensor Cable Connectors.



4. Disconnect the Cables and place the Console Support Bar Assembly on the floor safely out of the work area.

Note: Do not let the Cable fall into the Frame Assembly.



5. Using a #2 Phillips screwdriver, remove the 4 indicated screws from the Console.



7. Disconnect the Input/Output (I/O) Cable from the Console.

8. With a small piece of string or wire, attach an end of the new I/O Cable to the other end of the old I/O Cable.

Note: Do not crimp the cables or damage the connectors.

9. Gently pull the old I/O Cable from the Console Support Bar. This will pull out the old I/O Cable and place the new I/O Cable into the Console Support Bar Assembly.

Note: Be sure the cable does not crimp when being routed into the Console Support Bar Assembly.



Note: When attaching the Console Support Bar Assembly, be sure to slowly pull the Speed Sensor Cable from the Frame Assembly to remove any slack. Do not crimp the Cable when attaching the Console Support Bar Assembly.

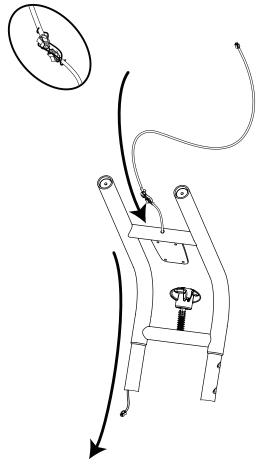
11. Final Inspection

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.









Replace the Connector Arm on the AD6 Airdyne® Upright Bike

Replacement Procedure Level: II 8001815.010117.B

NOTICE: This document provides instructions for the replacement of the Connector Arm on the Schwinn® AD6 Airdyne® Upright Bike.

If you need assistance, please call Schwinn Customer Service at 1-800-605-3369.



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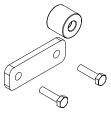
- Read and understand the Part Replacement Procedure before working on the machine. Failure to obey the instructions and safety warnings could cause injury to the service technician or bystanders.
- Keep bystanders and children away from the product being serviced at all times.
- Make sure that the repair 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.
- Use only replacement parts and hardware that are supplied or approved by Nautilus. Failure to use Nautilus-approved replacement parts can adversely affect the safety and functionality of the equipment creating a risk to users.
- 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 necessary request replacement warning stickers or placards from Nautilus customer service.
- Do not try to change the design or functionality of the machine being serviced as this can adversely affect user safety.
- Do not use the machine until all shrouds, instructions, warning labels and correct functionality have been verified and tested for correct performance.
- This product contains magnets. Magnetic fields can interfere with the normal use of certain medical devices at a close range. Users may come into proximity of the magnets in the assembly, maintenance, and/or use of the product. Given the obvious importance of these devices, such as a pacemaker, it is important that you consult with your medical provider in connection with the use of this equipment. Please consult the "Safety Warning Labels and Serial Number" section in the Owner's Manual to determine the location of the magnets on this product.

Tools Required (not included)

#2 Phillips screwdriver



Service Kit, Removal and Replacement (#8001474)



14 mm Socket Wrench



10 mm Wrench



4 mm Hex Wrench 6 mm Hex Wrench





Note: The images in this procedure show the Left Shroud being removed. The procedure is the same for either side of the machine.

1. Remove the 3 indicated screws from the Crank Arm using a 14 mm socket wrench and a 4 mm hex wrench. Use the 14 mm socket wrench on the largest of the 3 indicated screws.



Note: Be aware that the Crank Arm and Pedal will fall if not supported during the hardware removal.

2. Using a #2 Phillips screwdriver, remove the indicated screws from the Shrouds.

Note: To assist with re-assembly, be aware that the screws indicated with an arrow are Self-Tapping Screws.





3. Remove the Shroud and Crank Cover.



4. Using a 6 mm hex wrench, remove the two indicated screws from the Foot Peg. $\,$

Note: Be aware that the Foot Peg will fall if not supported during the hardware removal.

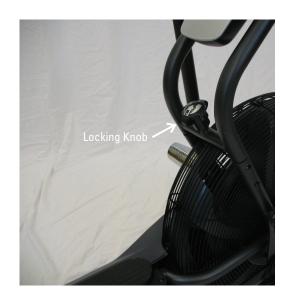
5. Remove the Handlebar from the Arm Pivot Assembly.



- 6. Using a 14 mm socket wrench, remove the indicated screw from the Connector Arm. $\,$
- 7. Disconnect the Connector Arm from the Arm Pivot Assembly.



8. Push and turn the Locking Knob until it is engaged and the Fan Assembly is locked.



9. Place a piece of cardboard or cloth rag below the Connector Arm to protect the floor.



- 10. Using the supplied Removal Plate and Hardware, attach it to the Connector Arm and tighten ONLY until hardware is snug.
- 11. Using a 10 mm wrench, gradually tighten the Removal Plate Hardware equally between the two screws until the Connector Arm disconnects.



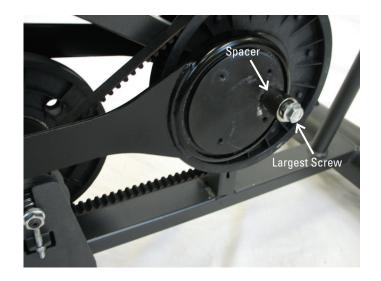
Be sure the area is clear below the Connector Arm except for floor protection. Do not try to catch the Connector Arm. The Connector Arm will suddenly disconnect and fall.



12. Remove the hardware from the Removal Plate using the 10 mm socket and wrench.



- 13. To reattach the Connector Arm, insert the Largest Screw from Step 1 with the supplied Spacer into the Connector Arm.
- 14. Using a 14 mm socket and wrench, tighten the Largest Screw with the Spacer fully.



- 15. Once fully tightened, remove the Largest Screw with Spacer from the Connector Arm.
- 16. Repeat procedure on other side.
- 17. Installation is the reverse procedure.

Note: Be sure when attaching the Crank Arm that all three pieces (Crank Arm, Crank Cover, and Connector Arm) are properly aligned before installing ANY hardware. The Crank Cover may have rotated during the Crank Arm removal.

18. Final Inspection

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





Replace the Crank Arm on the AD6 Airdyne® Upright Bike

Replacement Procedure
Skill Level:1
8001816.010117.B

NOTICE: This document provides instructions for the replacement of the Crank Arm on the Schwinn® AD6 Airdyne® Upright Bike.

If you need assistance, please call Schwinn Customer Service at 1-800-605-3369.



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



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ADANGER To reduce the risk of electrical shock or usage of the equipment, always remove the batteries from the machine and wait 5 minutes before cleaning, maintaining or repairing the machine.

- Read and understand the Part Replacement Procedure before working on the machine. Failure to obey the instructions and safety warnings could cause injury to the service technician or bystanders.
- 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.
- Use only replacement parts and hardware that are supplied or approved by Nautilus. Failure to use Nautilus-approved replacement parts can adversely affect the safety and functionality of the equipment creating a risk to users.
- 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 necessary request replacement warning stickers or placards from Nautilus customer service.
- Do not try to change the design or functionality of the machine being serviced as this can adversely affect user safety.
- Do not use the machine until all shrouds, instructions, warning labels and correct functionality have been verified and tested for correct performance.
- This product contains magnets. Magnetic fields can interfere with the normal use of certain medical devices at a close range. Users may come into proximity of the magnets in the assembly, maintenance, and/or use of the product. Given the obvious importance of these devices, such as a pacemaker, it is important that you consult with your medical provider in connection with the use of this equipment. Please consult the "Safety Warning Labels and Serial Number" section in the Owner's Manual to determine the location of the magnets on this product.

Tools Required (not included)

14 mm Socket Wrench





4 mm Hex Wrench



Note: The images in this procedure show the left side of the machine. The procedure is the same for either side.

1. Remove the 3 indicated bolts from the Crank Arm using a 14mm socket wrench and a 4 mm hex wrench

Note: Be aware that the Crank Arm with Pedal will fall if not supported during the hardware removal.



2. Installation is the reverse procedure.

Note: Be sure when attaching the Crank Arm that all three parts [the Crank Arm, Crank Cover, and Connector Arm (located behind the Crank Cover)] are properly aligned before installing ANY hardware. The Crank Cover may have rotated during the Crank Arm removal.

3. Final Inspection

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







Replace the Foot Step Pad on the AD6 Airdyne® Upright Bike

Replacement Procedure Skill Level: I

8001817.010117.B

NOTICE: This document provides instructions for the replacement of the Foot Step Pad on the Schwinn® AD6 Airdyne® Upright Bike.

If you need assistance, please call Schwinn Customer Service at 1-800-605-3369.



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- Read and understand the Part Replacement Procedure before working on the machine. Failure to obey the instructions and safety warnings could cause injury to the service technician or bystanders.
- 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.
- Use only replacement parts and hardware that are supplied or approved by Nautilus. Failure to use Nautilus-approved replacement parts can adversely affect the safety and functionality of the equipment creating a risk to users.
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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 use the machine until all shrouds, instructions, warning labels and correct functionality have been verified and tested for correct performance.
- This product contains magnets. Magnetic fields can interfere with the normal use of certain medical devices at a close range. Users may come into proximity of the magnets in the assembly, maintenance, and/or use of the product. Given the obvious importance of these devices, such as a pacemaker, it is important that you consult with your medical provider in connection with the use of this equipment. Please consult the "Safety Warning Labels and Serial Number" section in the Owner's Manual to determine the location of the magnets on this product.

Tools Required (not included)

#2 Phillips screwdriver



4 mm Hex Wrench



14 mm Socket Wrench





1. Remove the 3 indicated bolts from the Crank Arm using a 14mm socket wrench and a 4 mm hex wrench

Note: Be aware that the Crank Arm and Pedal will fall if not supported during the hardware removal.



2. Using a #2 Phillips screwdriver, remove the indicated screws from the Shrouds.

Note: To assist with re-assembly, be aware that the screws indicated with an arrow are Self-Tapping Screws.



- 3. Remove the Shroud and Crank Cover.
- 4. Repeat procedure on right side of machine.



- 5. Using a #2 Phillips screwdriver, remove the indicated screws from the Foot Step Pad.
- 6. Remove the Foot Step Pad and replace it.
- 7. Installation is the reverse procedure.

Note: Be sure when attaching the Crank Arm that all three pieces (Crank Arm, Crank Cover, and Connector Arm) are properly aligned before installing ANY hardware. The Crank Cover may have rotated during the Crank Arm removal.



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







Replace the Shrouds on the AD6 Airdyne® Upright Bike

Replacement Procedure Skill Level: I

8001818.050113.A

NOTICE: This document provides instructions for the replacement of the Shrouds on the Schwinn® AD6 Airdyne® Upright Bike.

If you need assistance, please call Schwinn Customer Service at 1-800-605-3369.



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ADANGER To reduce the risk of electrical shock or usage of the equipment, always remove the batteries from the machine and wait 5 minutes before cleaning, maintaining or repairing the machine.

- Read and understand the Part Replacement Procedure before working on the machine. Failure to obey the instructions and safety warnings could cause injury to the service technician or bystanders.
- 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.
- Use only replacement parts and hardware that are supplied or approved by Nautilus. Failure to use Nautilus-approved replacement parts can adversely affect the safety and functionality of the equipment creating a risk to users.
- 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 necessary request replacement warning stickers or placards from Nautilus customer service.
- Do not try to change the design or functionality of the machine being serviced as this can adversely affect user safety.
- Do not use the machine until all shrouds, instructions, warning labels and correct functionality have been verified and tested for correct performance.
- This product contains magnets. Magnetic fields can interfere with the normal use of certain medical devices at a close range. Users may come into proximity of the magnets in the assembly, maintenance, and/or use of the product. Given the obvious importance of these devices, such as a pacemaker, it is important that you consult with your medical provider in connection with the use of this equipment. Please consult the "Safety Warning Labels and Serial Number" section in the Owner's Manual to determine the location of the magnets on this product.

Tools Required (not included)

#2 Phillips screwdriver



4 mm Hex Wrench



14 mm Socket Wrench





Note: The images in this procedure show the Left Shroud being removed. The procedure is the same for either side of the machine.

1. Remove the 3 indicated bolts from the Crank Arm using a 14mm socket wrench and a 4 mm hex wrench

Note: Be aware that the Crank Arm and Pedal will fall if not supported during the hardware removal.



2. Using a #2 Phillips screwdriver, remove the indicated screws from the Shrouds.

Note: To assist with re-assembly, be aware that the screws indicated with an arrow are Self-Tapping Screws.



- 3. Remove the Shroud and Crank Cover.
- 4. Installation is the reverse procedure.

Note: Be sure when attaching the Crank Arm that all three pieces (Crank Arm, Crank Cover, and Connector Arm) are properly aligned before installing ANY hardware. The Crank Cover may have rotated during the Crank Arm removal.

5. Final Inspection

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







Replace the Spindle on the AD6 Airdyne® Upright Bike

Replacement Procedure
Skill Level: III
8001819.010117.B

NOTICE: This document provides instructions for the replacement of the Spindle on the Schwinn® AD6 Airdyne® Upright Bike.

If you need assistance, please call Schwinn Customer Service at 1-800-605-3369.



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

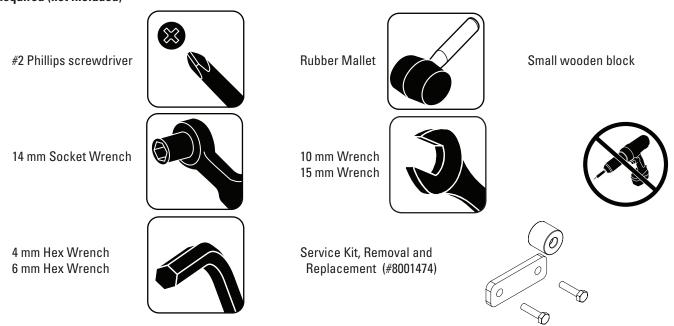


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- Read and understand the Part Replacement Procedure before working on the machine. Failure to obey the instructions and safety warnings could cause injury to the service technician or bystanders.
- Keep bystanders and children away from the product 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.
- Use only replacement parts and hardware that are supplied or approved by Nautilus. Failure to use Nautilus-approved replacement parts can adversely affect the safety and functionality of the equipment creating a risk to users.
- 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 necessary request replacement warning stickers or placards from Nautilus customer service.
- 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)



1. Remove the 3 indicated screws from the Crank Arm using a 14mm socket wrench and a 4 mm hex wrench

Note: Be aware that the Crank Arm and Pedal will fall if not supported during the hardware removal.



2. Using a #2 Phillips screwdriver, remove the indicated screws (circled) from the Shrouds.

Note: To assist with re-assembly, be aware that the screws indicated with an arrow are Self-Tapping Screws.

- 3. Remove the Shroud and Crank Cover.
- 4. Repeat procedures on the opposite side of the machine.
- 5. Using a 6 mm hex wrench, remove the two indicated screws from the Right Foot Peg and remove it.
- 6. Remove the Handlebar.
- 7. Using a 14 mm socket wrench, remove the indicated screw from the Connector Arm.
- 8. Disconnect the Connector Arm from the Arm Pivot Assembly.







9. Using a 15 mm wrench, remove the Eye Bolt Securing Nut from both sides of the machine.



10. Using a 10 mm wrench, loosen the Belt Tension Adjustment Nut and remove the Eye Bolt.

Note: To assist with re-assembly, be aware that the Eye Bolt has a slight bend and must be reassembled in the same orientation.



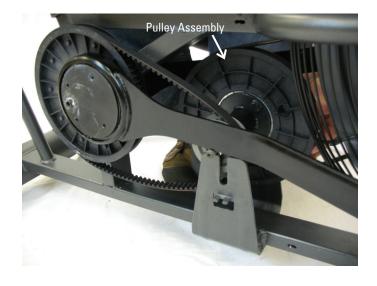
11. Repeat procedures on the opposite side of the machine.







12. Gradually work the Pulley Assembly out of the Bracket.



13. Lift the Pulley Assembly and remove the Crank and Drive Belts from it.



14. Remove the Crank Belt by sliding it forward off of the Connector Arm.



15. Place a piece of cardboard or cloth rag below the Connector Arm to protect the floor.



- 16. Using the supplied Removal Plate and Hardware, attach it to the Connector Arm and tighten ONLY until hardware is snug.
- 17. Using a 10 mm wrench, gradually tighten the Removal Plate Hardware equally between the two screws until the Connector Arm disconnects.



Be sure the area is clear below the Connector Arm except for floor protection. Do not try to catch the Connector Arm. The Connector Arm will suddenly disconnect and fall.



- 19. Remove the indicated bolts from the Drive Pulley, and remove it.
- 20. Using a Rubber Mallet and wooden block, gradually tap the Spindle from the Frame Assembly.





- 21. To reattach the Connector Arm, insert the Largest Screw from Step 1 with the supplied Spacer into the Connector Arm.
- 22. Using a 14 mm socket wrench, tighten the Largest Screw with the Spacer fully.
- 23. Installation is the reverse procedure.



- 24. Once fully tightened, remove the Largest Screw with Spacer from the Connector Arm.
- 25. Repeat procedure on other side.
- 26. Route the Crank Belt over the Connector Arm and onto the Crank Pulley.



Keep fingers out of any pinch opportunities when removing the Pulley Assembly.

27. Slightly lift the Pulley Assembly and place the Crank Belt around the small pulley.



Keep fingers out of any pinch opportunities when removing the Pulley Assembly.

28. With the Crank and Drive Belt placed correctly on the Pulley Assembly, push it down into the Bracket. Attach the Eye Bolts (oriented correctly) with the Belt Tension Adjustment Nuts.



29. Gradually tighten the Belt Tension Adjustment Nuts by a full turn, alternating between each side. Continue until the Crank Belt (700-800N) and the Drive Belt (400N) can barely be pushed at their mid-point.





30. Using a 15 mm wrench, attach the Securing Nuts for the Eye Bolt on both sides of the machine.

31. Be sure when attaching the Crank Arm that all three pieces (Crank Arm, Crank Cover, and Connector Arm) are properly aligned before installing ANY hardware. The Crank Cover may have rotated during the Crank Arm removal.

32. Final Inspection

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







Replace the Speed Sensor Assembly on the AD6 Airdyne® Upright Bike

Replacement Procedure Skill Level : I 8001820.010117.A

NOTICE: This document provides instructions for the replacement of the Speed Sensor Assembly on the Schwinn® AD6 Airdyne® Upright Bike.

If you need assistance, please call Schwinn Customer Service at 1-800-605-3369.



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:



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Tools Required (not included)

#2 Phillips screwdriver



4 mm Hex Wrench 6 mm Hex Wrench



14 mm Socket Wrench





1. Remove the 3 indicated screws (with arrows) from the Crank Arm using a 14 mm socket wrench and a 4 mm hex wrench

Note: Be aware that the Crank Arm and Pedal will fall if not supported during the hardware removal.



2. Using a #2 Phillips screwdriver, remove the indicated screws (with circles) from the Shrouds.

Note: To assist with re-assembly, be aware that the four screws toward the rear of the machine are the Self-Tapping Screws.

- 3. Remove the Shroud and Crank Cover.
- 4. Using a 6 mm hex wrench, remove the two indicated screws from the Console Support Bar Assembly.
- 5. Repeat procedure on the opposite side of the Console Support Bar Assembly.





Note: This part of the procedure is easier with two people.

6. Lift the Console Support Bar Assembly only enough to expose the Speed Sensor Cable Connectors.



7. Disconnect the Speed Sensor Cables and place the Console Support Bar Assembly on the floor safely out of the work area.

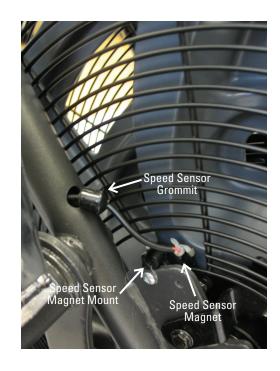


8. Remove the Speed Sensor Magnet from the Speed Sensor Magnet Mount.

Note: Record the distance from the the inner edge of the Magnet Mount to the end of the Speed Sensor Magnet for proper replacement position. This distance is normally about 1/8" (3mm).

- 9. After working the Speed Sensor Grommet loose, remove the Speed Sensor Assembly from the Frame Assembly.
- 10. Remove the Grommet from the Cable and attach it to the new Speed Sensor Assembly without damaging the Cable.

Note: Be sure to properly orient the Grommet.



- 11. Insert the new Speed Sensor Assembly into the Frame Assembly from the lower opening.
- 12. Insert the Speed Sensor Magnet into the Magnet Mount. Be sure to place the Speed Sensor Magnet the same distance in the Magnet Mount as the old assembly.



13. Installation is the reverse procedure.

Note: When attaching the Console Support Bar Assembly, be sure to slowly pull the Speed Sensor Cable from the Frame Assembly to remove any slack. Do not crimp the Cable when attaching the Shroud.

When attaching the Crank Arm, be sure that all three pieces (Crank Arm, Crank Cover, and Connector Arm) are properly aligned before installing ANY hardware. The Crank Cover may have rotated during the Crank Arm removal.

14. Final Inspection

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



