

# SCHWINN STINGRAY ELECTRIC



## WARNING

- Age range for use: 10 to 16 years of age.
- Maximum loading: 200 lbs.
- NEVER carry a passenger on a StingRay Electric.

## PACIFICCYCLE™

Manufactured for Pacific Cycle, Inc.  
(A Division of Dorel Industries)

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## Customer Service/Warranty

- 877-741-6154
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## **WARNING**

**FOR THE SAFETY OF YOUR CHILD, READ ALL WARNINGS AND ASSEMBLY/USE INSTRUCTIONS. KEEP THIS GUIDE FOR FUTURE REFERENCE.**

- **SEVERE INJURY OR DEATH** can result if you do not follow the instructions in this manual.
- **ADULT ASSEMBLY REQUIRED.** The product contains small parts, which are for adult assembly **ONLY**. Keep small children away when assembling.
- **ALWAYS** remove protective material and plastic bags and dispose of properly before assembly.

## **KEEP THIS MANUAL**

This manual should be considered a permanent part of the vehicle and should remain with the vehicle when resold or otherwise transferred to a new owner or operator. The manual contains important safety information and instructions which should be read carefully before operating the StingRay Electric. **FOR ALL PARTS NOT COVERED IN THIS MANUAL, SEE STINGRAY BICYCLE OWNERS MANUAL.**

## **THIS MANUAL IS FOR YOU AND YOUR CHILD**

Your child's safety depends on your commitment to take the time necessary to fully educate him/her on the proper operation of the StingRay Electric. Read through this manual with your child, page by page. Explain all of the instructions and warnings it contains. Be sure to emphasize all safety precautions. Question your child as you go through the manual to make sure he/she understands what you are saying. **NOTE:** Be sure to take breaks when your child's attention begins to wander. Full attention at all times is needed to safely operate the StingRay Electric.

## **KNOW YOUR CHILD'S ABILITIES**

Children differ in skills, physical abilities and judgement. Some children may not be able to operate a StingRay Electric safely. Parents should permit continued use only if they determine that the child has the ability to operate the StingRay Electric safely.

# SERVICE AND REPAIRS

Write the serial number of your StingRay Electric here for future reference. When speaking to Customer Service, you will need to provide the model number (xxxx) and the serial number, found on the front of the frame.



MODEL NUMBER \_\_\_\_\_

SERIAL NUMBER \_\_\_\_\_

- Complete and return registration card to validate your warranty (see warranty information on page 22).
- If you experience problems, missing parts, or need service repairs for your StingRay Electric, do not return it to the place of purchase. **Call Pacific Cycle Customer Service/ Warranty at 877-741-6154 or e-mail us at [service@pacific-cycle.com](mailto:service@pacific-cycle.com).**

# CHARGE THE BATTERY

- The StingRay Electric uses two 12-volt DC batteries to supply power to a 250 watt motor.
- Charge batteries for 12 hours before use.
- Failure to charge battery according to directions will permanently damage battery and void the warranty.



## **WARNING PREVENT FIRE AND ELECTRIC SHOCK:**

- **NEVER** use a different charger to charge the battery. A fire or explosion could occur. **ALWAYS** use the charger supplied with your Electric StingRay.
- **NEVER** use charger for any other product. Overheating, fire or explosion could occur.
- **NEVER** tamper with electrical circuit system. Shock, fire or explosion could occur, permanently damaging system.
- **DO NOT** allow direct contact between the battery terminals. Fire or explosion could occur.
- **DO NOT** allow any type of liquid to come in contact with battery or its components. **ALWAYS** charge battery in a dry area.
- **DO NOT** charge battery near heat of flammable materials. Explosive gases are created during the charging process. Fire or explosion could occur. **ALWAYS** charge in a well-ventilated area.
- **DO NOT** open battery or charger. Burns or electric shock could occur.



## WARNING

- **ONLY ADULTS** may charge battery. **NEVER** allow a child to charge battery. Serious injury could occur.
- **DO NOT** charge battery if you see wear or damage to the battery, connections and wires, charger and its supply cord.
- **DO NOT** allow battery to drain completely. Permanent damage to battery could occur. Recharge battery after each use. If not used often, recharge once a month.
- **DO NOT** remove batteries from battery case.

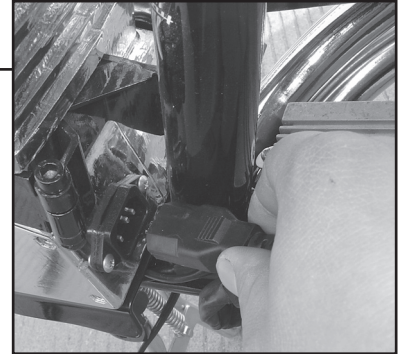
1. Insert rounded end of the charger into charging outlet on the StingRay Electric.
  - **ONLY use 12-volt charger that is supplied with the StingRay Electric.**
  - **Input: AC 90-130V 50/60 Hz**
  - **Output: DC 14V 0.1-1.8A (100-1800mA)**

2. Plug other end of charger into a standard electrical outlet (120 volt). **NEVER** use extension cords.

3. Batteries are charging when indicator light on charger **BLINKS**. When charging batteries for the first time, charge them for at least 12 hours. **DO NOT** charge more than 30 hours. It is normal for charger to feel warm, and to make sounds while charging. When batteries are fully charged, indicator light will glow **SOLID**.

**NOTE:** When recharging after use, normal charging time will be about 8 hours.

4. When batteries are fully charged, first unplug charger from electrical outlet, then from charging outlet. Store charger in a dry place.



## SAFETY RULES



### WARNING

**SEVERE INJURY OR DEATH can result if you do not follow the instructions in this manual.**

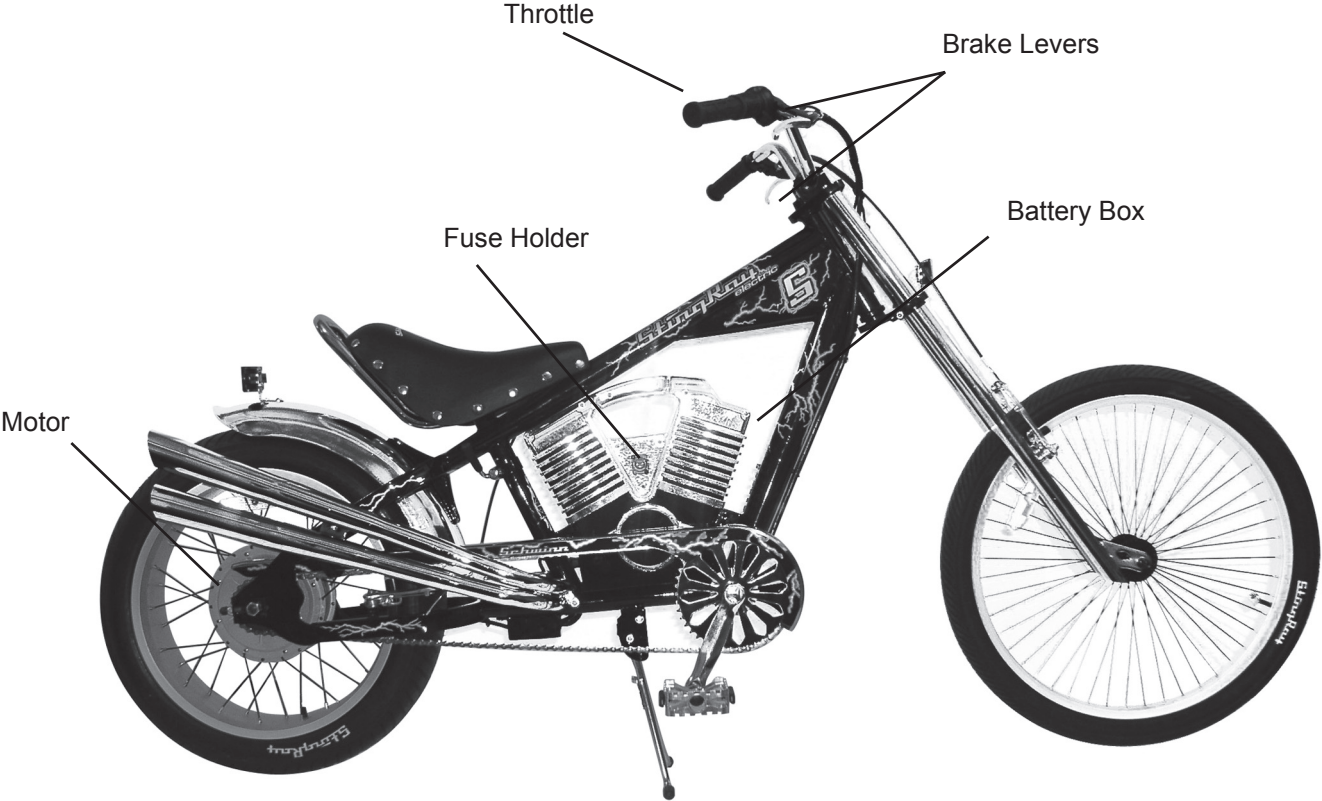
- Age range for use: 10 to 16 years of age. **DO NOT** allow children younger than 10 years of age to operate the StingRay Electric.
- Maximum loading: 200 lbs. **NEVER** exceed maximum load capacity for the StingRay Electric. Overloading could cause changes in the way the StingRay Electric handles, and could lead to an accident. The combined weight of the rider, gear and any accessories must never exceed the maximum load capacity of 200 lbs.
- **ALWAYS** drive the StingRay Electric wearing an approved bicycle helmet that fits properly.
- **DO NOT** attach cargo to the StingRay Electric. The uneven or added weight could cause a roll-over accident.
- **DO NOT** allow use of the StingRay Electric if the child does not have the ability to operate it safely.
- **NEVER** carry a passenger on a StingRay Electric. **ONLY** one rider at a time.
- **NEVER** tow anything with the StingRay Electric. Severe damage to motor or other parts could occur.
- **NEVER** use headphones or personal radios while riding the StingRay Electric.
- **NEVER** operate at excessive speeds. **ALWAYS** go at a speed that is appropriate for the terrain, visibility, operating conditions, and the skill and experience level of the child.



- **NEVER** attempt wheelies, jumps or other stunts.
- **ALWAYS** inspect the StingRay Electric each time it is used to make sure it is in safe operating condition. Refer to "Before Every Ride" and "Care and Maintenance" sections in this manual.
- **ALWAYS** keep both hands on handlebars and both feet on footrests of the StingRay Electric during operation.
- **ALWAYS** keep both eyes on the terrain ahead. **DO NOT** look down to work controls.
- **ALWAYS** go slowly and be extra careful when operating on unfamiliar terrain. **ALWAYS** be alert to changing terrain conditions when operating the StingRay Electric.
- **NEVER** operate the StingRay Electric on excessively rough, slippery or loose terrain.
- **ALWAYS** use caution when going through puddles. **DO NOT** ride through water that is deeper than the hubs. **DO NOT** ride through water for long period of time. **AVOID** water contact with batteries, motor and electric lines.
- **ALWAYS** apply brakes lightly and slowly when riding on gravel or other loose surfaces.
- **NEVER** operate the StingRay Electric on hills too steep for the StingRay Electric or for your abilities. Check terrain carefully before starting up any hill. **NEVER** climb hills with slippery or loose surfaces. **ALWAYS** shift weight forward when climbing hills. **NEVER** go over the top of any hill at a fast speed.

- **ALWAYS** use caution going down hills. **ALWAYS** use caution when braking while going down hills. Check terrain carefully before you start down any hill. **ALWAYS** shift weight backward. **NEVER** go down a hill at the fast speed. **DO NOT** go down a hill at an angle that would cause the vehicle to lean sharply to one side. Go straight down the hill when possible.
- **ALWAYS** check for obstacles before operating in a new area. **NEVER** attempt to ride over large obstacles, such as large rocks or fallen trees.
- **NEVER** modify the StingRay Electric with the installation or use of unapproved accessories. Improper installation of accessories or modification of this StingRay Electric may cause changes in handling, and could lead to an accident.
- Your insurance policies may not provide coverage for accidents involving the use of this product. To determine if coverage is provided, contact your insurance company or agent.

# GET TO KNOW YOUR STINGRAY ELECTRIC





### Throttle

The Throttle is on the right handlebar. Turn throttle forward to make the StingRay Electric go forward.



### Brakes

The Brakes are attached to the handlebars. Squeeze the brake levers to slow or stop the StingRay Electric as necessary. Squeeze front and rear brake levers evenly.



3 lights



2 lights



1 light



below low

### Battery Light

The battery light will glow only when the StingRay Electric is powered up. When battery is fully charged, three lights will glow. When battery partially drained, two lights will glow. When battery needs to be recharged, only one light will glow. See "Charge the Battery" section, on pages 8-10.



### Fuse

The Fuse will blow if the system is overloaded. Turn power off. Wait for the StingRay Electric to cool down, replace the fuse.

## BEFORE EVERY RIDE

- An adult should **ALWAYS** perform the following checklist before every ride, for the safety of your child and to keep the StingRay Electric in good working order.
- If you find any damaged or worn parts, **DO NOT** use the StingRay Electric. Refer to "Service and Repairs" on page 5 to order new parts or find an authorized repair center.



### WARNING

- Failure to inspect the StingRay Electric before operating it can be hazardous, increasing chances of an accident or damage to the StingRay Electric. **ALWAYS** inspect the StingRay Electric before each ride to make sure it is in safe operating condition.
- **ALWAYS** perform regular maintenance on the StingRay Electric see "Care and Maintenance" section, pages 14-21.

- Inspect the entire StingRay Electric, looking for any broken or loose parts.
- Make sure the StingRay Electric does not have caked mud, brush, grass or excessive dirt in moving parts (Brakes, drive chain, etc.). Refer to "Cleaning" on page 14 for instructions on how to wash your StingRay Electric.
- Make sure tires are inflated to 30 psi, and that there are no cuts, punctures or excessively worn tread. Refer to "Tire Maintenance" on page 15 for instructions about tire maintenance.
- Make sure that all four nuts on wheels are tight.
- Test brake lever to make sure it releases properly. Squeeze brake lever and make sure the StingRay Electric cannot be pushed forward. **NEVER** allow the StingRay Electric to be used if brake lever is not functioning properly.

## CARE AND MAINTENANCE

Your StingRay Electric will provide years of fun, if properly cared for and maintained. If you find damaged or worn parts, **DO NOT** use the StingRay Electric. Refer to "Service and Repairs" on page 5 to order new parts or find an authorized repair center.

### CLEANING

Keep your StingRay Electric clean so it will look good and perform at its best. **DO NOT** allow mud to dry on the StingRay Electric. **ALWAYS** remove mud, brush, grass or excessive dirt from the StingRay Electric after every ride. Proper cleaning can extend the life of the StingRay Electric.



### WARNING

- **DO NOT** allow water contact with the brakes, ignition, charging outlet or other electrical parts.
- **DO NOT** operate the StingRay Electric if the brakes are wet. Allow the brakes to dry thoroughly before using the StingRay electric.
- **DO NOT** use high-pressure washers, such as those found at coin-operated car washes to clean the StingRay Electric. The high pressure can cause damage to the body, moving and electrical parts.

- Use a garden hose at low pressure to wash the majority of dirt or other debris from the StingRay Electric.
- Hand wash with mild soap and water using a soft rag or mitt. **DO NOT** use a brush that could scratch the finish or other plastic surfaces. **DO NOT** use abrasive cleansers.
- Rinse thoroughly with clean water. Dry with a chamois or soft, absorbent cloth. **DO NOT** use wax.
- Park the StingRay Electric indoors or under cover. **DO NOT** allow it to sit in the rain.
- Keep the StingRay Electric away from heat, such as heaters and stoves. Plastic parts may melt.

## TIRE MAINTENANCE



### WARNING

- **ONLY** an adult can inflate the tires. **NEVER** allow a child to inflate tires.
- **ONLY** use bicycle pump to inflate tires. **DO NOT** inflate tires at a gas station, as the greater pressure of the pumps may cause a blowout. Serious injury or death could occur.
- **ALWAYS** maintain tire pressure at 30 psi. **NEVER** inflate the tires over 30 psi.

- To inflate a tire, remove cap from the valve stem and set aside. Attach bicycle pump and inflate to 30 psi. **DO NOT** over-inflate tire. Replace valve stem cap.
- Check nuts on each wheel, and make sure they are tight.
- Inspect rims. If they are cracked or bent, they must be replaced.
- Check tires for wear and tear. If you notice cuts, punctures or excessively worn tread, the tire needs to be replaced.
- For replacement parts, refer to "Service and Repairs" on page 5 to order new parts or to find an authorized repair center.

## BRAKE LEVER



### WARNING

- **NEVER** allow the StingRay Electric to be used if the brake lever is not functioning properly.

- The brake lever may become loose over time. Tighten screw nut connecting brake cable to brake lever.
- Squeeze brake lever and make sure the StingRay Electric cannot be pushed forward. Start motor and make sure brake is working properly.

## FUSE

- If the electrical system or batteries are overloaded, a fuse in the battery will blow, and the StingRay Electric will shut down. Follow these rules to avoid blowing fuse:
  - **DO NOT** overload the StingRay Electric. Maximum weight: 200 lbs.
  - **DO NOT** drive the StingRay Electric into a fixed obstacle. The wheels may spin and cause the motor to overheat.
  - **DO NOT** tow anything with the StingRay Electric.
- If the fuse blows without cause during normal use, the StingRay Electric may need repair. Refer to "Service and Repairs" on page 5 to find an authorized repair center.



## BATTERIES



**READ ALL WARNINGS ABOUT BATTERY SAFETY.  
ONLY ADULTS MAY RECHARGE OR HANDLE BATTERIES.**

- The StingRay Electric uses two 12-volt batteries to supply power to a 250-watt motor.
- Recharge batteries after each use. When batteries are fully charged, three lights on the StingRay Electric Throttle will glow. When batteries are partially drained, two lights will glow. When batteries need to be recharged, one light will glow.
- Eventually, the batteries will no longer hold a charge. Batteries should last for 12 to 18 months, depending on use and conditions.
- If batteries have completely discharged or develop a leak, they are not usable. Remove and replace batteries according to directions on page 18. Dispose of spent batteries properly (see page 18 for disposal instructions).
- If batteries have leaked, **DO NOT** allow acid to come in contact with eyes or skin. If contact does occur, call a physician immediately, and flush with cool water for 15 minutes.
- If the StingRay Electric will not be used for a long period of time, disconnect batteries from motor. If left connected, batteries may discharge completely, and will need to be replaced.

## REPLACING THE BATTERIES

### ONLY ADULTS MAY REPLACE THE BATTERIES

- Replace the batteries with genuine Schwinn parts. Do not use another brand, as this may void your warranty. Refer to "Service and Repairs" on page 5 to order parts or to find an authorized repair center.

- Turn off, and unplug battery case
- Unscrew the thumbscrew holding the battery box on left side of bicycles. Remove and properly dispose of spent batteries.
- Install new batteries and reconnect battery cables.

## BATTERY DISPOSAL



### WARNING

- **NEVER** throw batteries away in the trash. In most areas, it is illegal to burn lead acid batteries or take them to a landfill.

- Take the exhausted battery to a federally or state-approved lead acid battery recycle center, such as an auto parts store or an authorized repair center. **Call Pacific Cycle Customer Service/Warranty at 877-741-6154 or e-mail at [service@pacific-cycle.com](mailto:service@pacific-cycle.com) to find a repair center near you.**

- **Call your waste collection service to find out if they offer disposal of lead acid batteries. In the States of Florida and Minnesota, it is illegal to dispose of a lead acid battery in the municipal waste stream.**

# TROUBLESHOOTING

## PROBLEM

The StingRay Electric does not run.

## PROBABLE CAUSE

- Batteries are low
- Batteries are dead
- Fuse has blown
- Wires are loose
  
- Electrical system has been damaged by water. Dirt or sand has jammed the switch.
- Motor is damaged.

## WHAT TO DO

- Recharge the batteries
- Replace the batteries. See page 18.
- Turn power off, replace fuse.
- Reconnect wires and connectors.
  
- Refer to "Service and Repairs" on page 5 to find an authorized repair center.
- Refer to "Service and Repairs" on page 5 to find an authorized repair center.

## PROBLEM

## PROBABLE CAUSE

## WHAT TO DO

Batteries will not recharge

- Charging plug is not plugged in all the way into the charging outlet of the StingRay Electric.
- Charger is not plugged into the wall outlet.
- Charger is damaged.
- Batteries are dead.

- Firmly insert plug into outlet.
- Plug charger into the wall outlet.
- Refer to "Service and Repairs" on page 5 to order parts or find an authorized repair center.
- Replace batteries. See page 18.

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The StingRay Electric does not run very long.

- Battery is undercharged.
- Battery is old.

- Recharge batteries for 8 hours.
- Replace batteries. See page 18.

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The brake is too tight or too loose.

- Brake cable needs adjusting.

- Adjust brake cable to proper tension.

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When applying the throttle, it's either too sluggish or too sensitive.

- Throttle cable is damaged.

- Refer to "Service and Repairs" on page 5 to find an authorized repair center.

**PROBLEM**

StingRay Electric runs sluggishly.

**PROBABLE CAUSE**

- Batteries need recharging.
- Batteries are old.
- StingRay Electric is overloaded.

**WHAT TO DO**

- Recharge batteries. See page 7.
- Replace batteries. See page 18.
- Maximum weight: 200 lbs. Reduce weight on StingRay Electric. Do not tow anything with the StingRay Electric.

# 90 DAY WARRANTY

## **LIMITED WARRANTY - PLEASE SAVE YOUR ORIGINAL SALES RECEIPT**

The express limited warranty as contained herein is exclusive and in lieu of all other warranties, express or implied, including implied warranties of merchant ability and fitness for a particular purpose. There are no warranties that extend beyond the description in this limited warranty.

The manufacturer warranties this product, including the batteries, to be free of manufacturing defects for a period of 90 days from the **DATE OF PURCHASE**. This limited warranty does not cover the normal wear and tear, tires, inner tubes, cables, or any damage, failure, or loss caused by improper assembly, set up, storage, or maintenance of the Schwinn StingRay Electric.

This warranty covers normal use only. It does not cover the Schwinn StingRay Electric or batteries if the product has been abused. Damage due to misuse, neglect, accident, improper service or other causes not arising out of defects in materials or workmanship are also not included in the limited warranty.

Evidence of any attempt of repair done by the consumer (other than tires and normal adjustments) will void the warranty.

**DO NOT RETURN THE BIKE TO THE STORE. CALL THE PACIFIC CYCLE SERVICE CENTER IF YOU EXPERIENCE PROBLEMS OR HAVE QUESTIONS. This warranty gives you the specific legal rights. You may have other rights which may vary from state to state.**

**CALL TOLL FREE 1-877-741-6154 OR CONTACT BY EMAIL AT [customerservice@pacific-cycle.com](mailto:customerservice@pacific-cycle.com).**

**Manufactured for PACIFIC CYCLE, INC. MADISON, WI.**