THUNDER TANK

24 VOLT
Electric Ride On

STOP!

DO NOT RETURN TO STORE.

This product cannot be returned for a refund after it has been unpacked and used.

Call us Toll-Free
at 1-866-424-0500
or Fax us at 1-775-248-5155
for assistance and information
from our trained technical staff.

CAUTION: THIS IS AN ELECTRONICALLY OPERATED PRODUCT.

The charger is an electronically operated product – not a part of the toy.
Not recommended for children under 3 years of age.
As with all electronic products, precautions should be observed during handling and use to prevent electric shock.

For assistance with your assembly call:
1.866.424.0500 toll-free
417.206.0563 Local

ACTION WHEELS

THUNDER TANK

24 VOLT
Electric Ride On

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Important Information

- **ADULT ASSEMBLY REQUIRED!**
- The battery must be charged for at least 14 hours before the vehicles first use. Disconnect the battery from the charger after 14 hours of charging. To start charging the battery before starting assembly, see Battery Charging and Installation information. See Battery Charging instructions on page 9 of this manual.
- Use of any other 24 Volt battery or charger may damage the toy and will void the warranty. Please contact Customer Service at **1-866-424-0500** for replacement parts.
- Instruct children on safe operation and driving rules before they take their first ride:
  - *Do not allow more than two riders at a time*
  - *Sit in the proper position on the toy when riding*
  - *Always wear shoes when riding the toy*
  - *Do not allow other children near the toy when riding*
  - *Do not place your hands, feet, or any part of your body, clothing, or other articles near moving parts while the toy is in operation.*
- Instruct children to bring the toy to a complete stop before switching between forward and reverse.
- Do not overload the vehicle or exceed the maximum weight capacity of 130 lbs. (59 kg)
- For all questions, please contact us at **1-866-424-0500.**
- **Please read this manual completely** for operation and safety information before using the toy. Keep these instructions for future reference.

Notes:

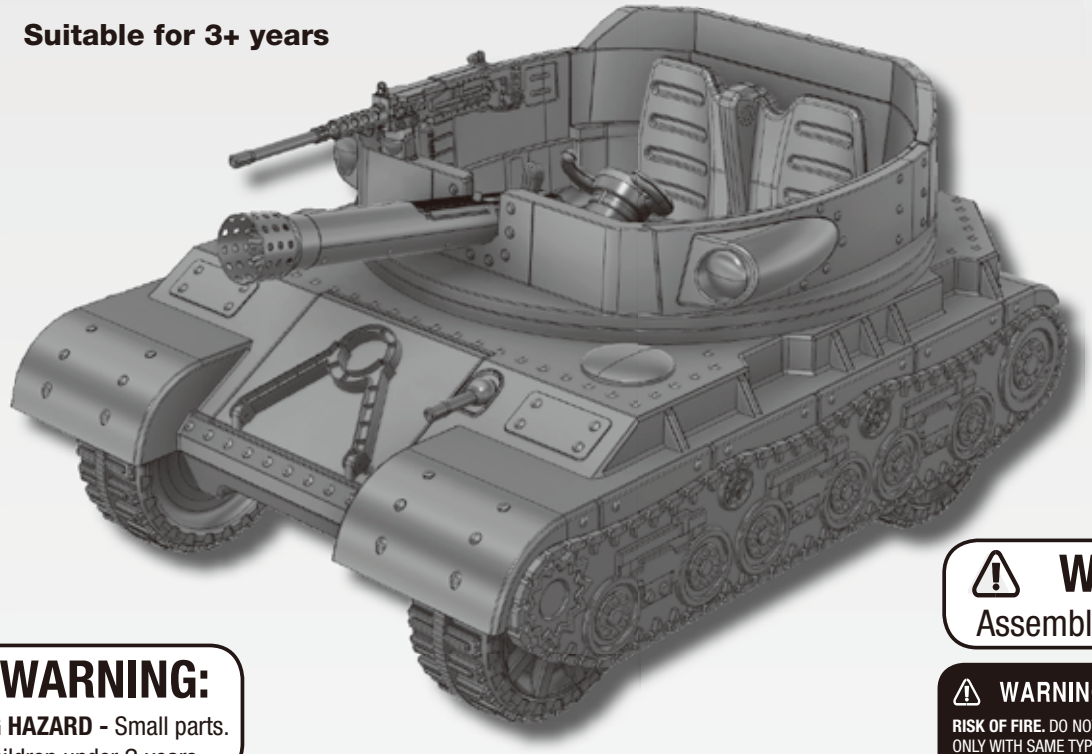
THUNDER TANK

24 VOLT
Electric Ride On

Parent and Rider Manual

With directions for assembly and operation.
Please read this manual before assembly.
Remember to save your receipt.

Suitable for 3+ years



⚠ WARNING:
Assembly by an adult.

⚠ WARNING:
CHOKING HAZARD - Small parts.
Not for children under 3 years.

MAX WEIGHT: 130 LBS. (59 KG)
MAX RIDERS: 2
MAX SPEED: 5 MPH (8KPH) FORWARD
EASY PUSH-BUTTON OPERATION
24 VOLT BATTERY AND CHARGER INCLUDED.
WORKS ON HARD SURFACES AND GRASS.
CONTAINS LEAD ACID BATTERY

RECHARGEABLE BATTERY INCLUDED
CONTAINS SEALED LEAD-ACID BATTERY. MUST BE RECYCLED OR DISPOSED OF SAFELY.
FOR FURTHER INFORMATION REGARDING THE BATTERY AND THE DISPOSAL OF THE BATTERY, PLEASE CALL: 1-866-424-0500
REQUIRES ONE 24 VOLT LEAD ACID BATTERY (INCLUDED)
KEEP ENCLOSED OPERATORS MANUAL FOR IMPORTANT SAFETY INFORMATION.

⚠ WARNING:
RISK OF FIRE. DO NOT BYPASS FUSE. REPLACE ONLY WITH SAME TYPE 35A FUSE BATTERY PACK. TO REDUCE RISK OF INJURY, ADULT SUPERVISION IS REQUIRED. NEVER USE IN ROADWAYS OR NEAR MOTOR VEHICLES.
NEVER USE ON OR NEAR STEEP INCLINES OR STEPS. NEVER USE NEAR SWIMMING POOLS OR OTHER BODIES OF WATER. ALWAYS WEAR SHOES. NEVER ALLOW MORE THAN 2 RIDERS.
MAX WEIGHT: 130 LBS. (59 KG)
⚠ WARNING: Adult assembly required.

For assistance with your assembly call:
1.866.424.0500 toll-free
417.206.0563 Local

ACTION WHEELS

Safety

Warnings and Cautions

⚠ WARNING: Electrical Hazard

RISK OF FIRE. Do not bypass the fuse. Replace only with the same 35A fuse (on battery pack).

- Only use a Ballard Pacific Resources, Inc. 24V lead-acid battery.
- Only use a Ballard Pacific Resources, Inc. 24V charger.
- Never modify the electrical system. Changes could cause a fire resulting in serious injury or death, and could also ruin the electrical system.
- Never lift or carry the battery by the wires or connectors. This can damage the battery and possibly cause a fire resulting in serious injury or death. Always use the battery holder to carry it.
- The battery should be handled by adults only. The battery is heavy and contains sulfuric acid (electrolyte). Always use the attached battery handle for carrying.
- Children should never be allowed to charge the battery. Charging the battery must be done by adults only. The electricity involved in charging the battery could injure a child.
- The motors will get hot – handle carefully.
- Each time you charge the battery, check the battery, charger, and its connectors for excessive wear or damage. Do not use the charger or the battery if damage or excessive wear is detected until you have replaced the worn or damaged parts.
- Carefully read the safety instruction about the battery.

⚠ WARNING: Riding Hazard

To reduce the risk of injury, adult supervision is required.

- Never use on roadways or near motor vehicles
- Never use on or near steep inclines or steps
- Never ride near swimming pools or other bodies of water
- Always wear shoes while riding
- Never allow more than 2 riders at a time
- Max. weight of 130 lbs. (59 kg)

⚠ WARNING: Charger

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.

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

- Reorient or relocated 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.

⚠ CAUTION

- When fully unassembled, this package contains small parts. Adult assembly is required.
- Use the charger in dry, ventilated areas only.

Safety

Rules for Riding Safety

⚠ WARNING: Adult Supervision Required

- Always Teach Safety First.
- While most children can develop the physical skills necessary to operate this toy, it is important to remember that they do not yet have mature judgment skills. Children should never be allowed to ride this toy without adult supervision. Before any child rides this toy, an adult must evaluate the child's skill levels and abilities to operate the toy safely. Even after instruction, hazards are not always anticipated or recognized by children. So before any child operates the toy, teach them appropriate safety rules.
- THERE IS NO SUBSTITUTE FOR DIRECT ADULT SUPERVISION.

⚠ WARNING: Safety Riding Rules

To reduce the risk of injury, adult supervision is required.

- Always sit only on the seat in the toy.
- Always wear shoes.
- No more than two riders at a time.
- Do not operate on loose dirt, sand or gravel.
- Do not operate near drop-offs, obstructions, swimming pools or other bodies of water.
- Do not operate on roadways on the street or near moving vehicles.
- Do no operate on or near steep inclines or steps. Use on generally level ground only.
- Do not operate in the dark as unexpected obstacles could cause a crash.
- Do not operate on slopes. The toy may accelerate or roll backwards at unsafe speeds even if the pedal is released.
- Do not place anything near moving parts such as motors, gears or wheels. Rotating parts can snag hair, fingers, etc. causing serious injury.
- Do not operate near flammable vapors (such as gasoline, paint thinner, acetone, liquid wax, etc.).
- Electrical components can produce an internal spark when first turned on or off. Using the toy near flammable liquids or vapors could cause an explosion or fire resulting in serious injury or death.

Specifications

Suitable Age:	3+ years
Battery:	24V 7 AH (2 x 12 V batteries)
Charge Time:	6-8 hours
Charge:	Input 120 AC 60Hz / Output 24V DC 600mA
Load Capacity:	130 lbs. (59 kg)
Car Size:	50" x 36.6" x 26.8" (127 x 93 x 68 cm)
Speed:	5 MPH (8KPH)

Parts Diagram

1. Blaster
2. Cannon
3. Cannon Shells (5 pcs.)
4. Backrest
5. Rear Axle
6. Steering Wheel
7. Side Plate Decorative Cover
8. Front Axle
9. Tank Body
10. Wheel
11. Front Fender(R)
12. Front Fender(L)

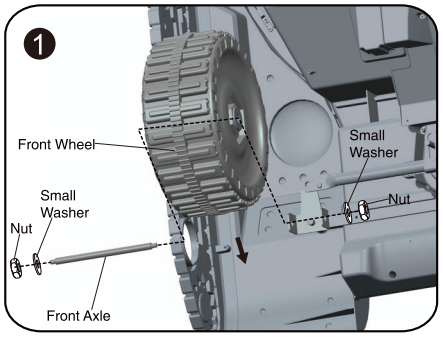
Screw	Screw with washer
3.5x13 (4 pcs)	3.5x16 (6 pcs)

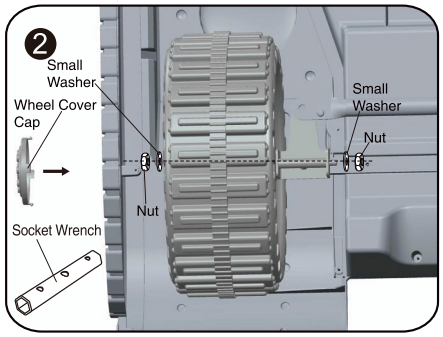
Assembly

Install the Front Wheel

Find the front wheel and front axle, remove the nuts and small washers from the axle. Place the front wheel as shown in **Diagram 1**, and pass the front axle through the front wheel and front axle base. Insert the washer and nut at each end of the front axle and tighten with the socket wrench provided. Put the wheel cover cap in place as shown in **Diagram 2**.

Note: *Repeat on the other side.*

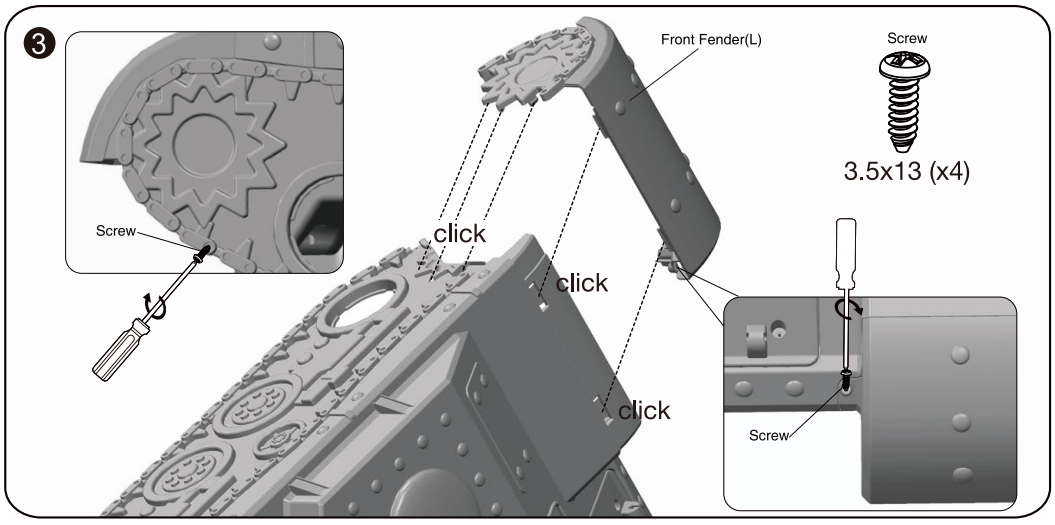




Install the Front Fender

Take out the front fender(L), make sure the hooks on the front fender(L) align with the slots on the main body and snap into place, you will hear a solid “click” when the front fender(L) is fitted correctly. Then secure each front fender with 2 screws(3.5x13) as shown in **Diagram 3**.

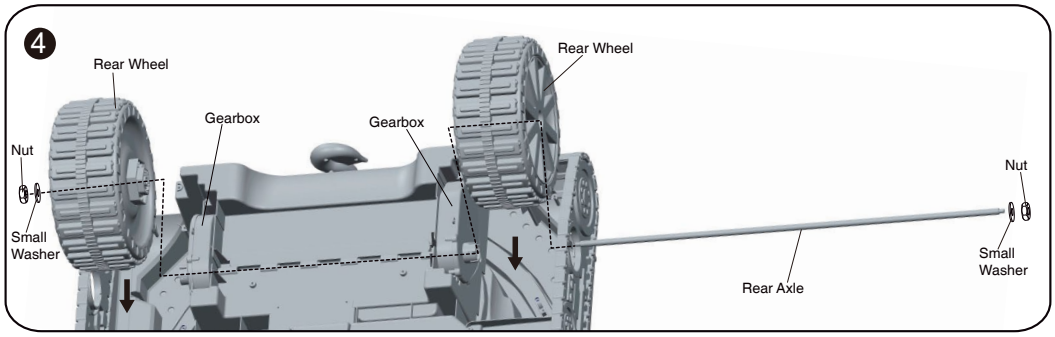
Note: *Repeat on the other side.*

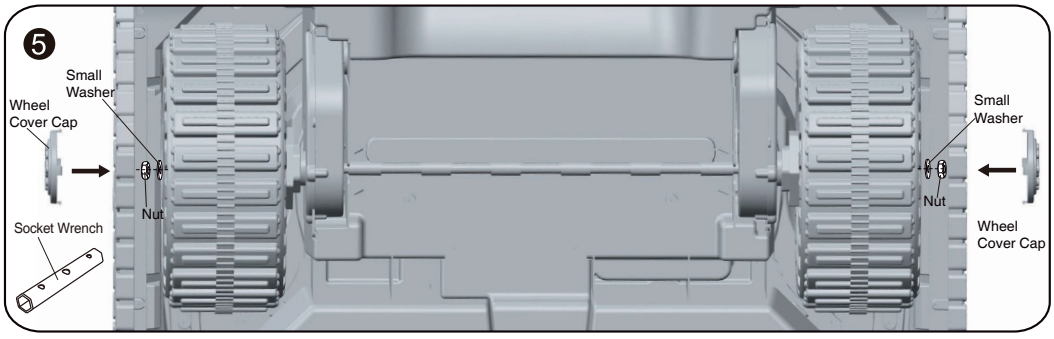


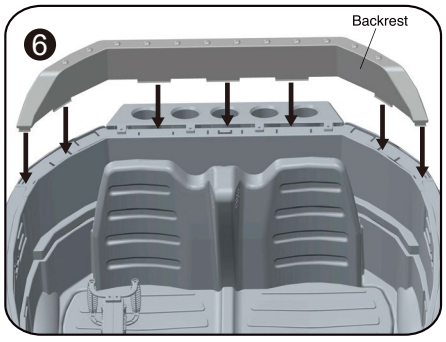
Assembly

Install the Rear Wheel

Find the rear wheel and rear axle, remove the nuts and small washers from the axle. Place the rear wheel in position as shown in **Diagram 4**. Pass the rear axle through the rear wheel, gearbox, and rear axle base. Insert a washer and a nut at each end of the rear axle and tighten with the socket wrench provided at the same time. Add the wheel cover cap in place as shown in **Diagram 5**.





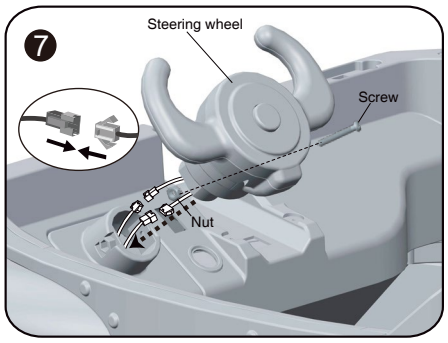


Install the Backrest

Find the backrest. Align the hooks on the backrest with the slots on the body and snap into place. You will hear a solid click sound when the backrest is correctly fitted. Double check that each hook is aligned properly.

Diagram 6

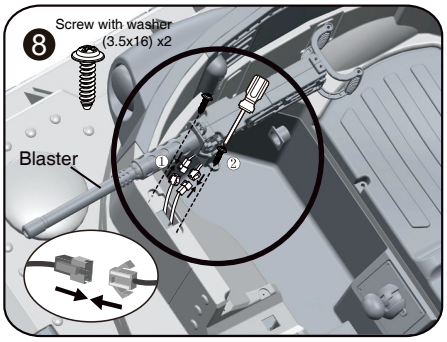
Assembly



Install the Steering Wheel

Find the steering wheel. Connect the terminal on the steering wheel with the terminal on the body. (make sure the terminal are connected in the same color.)
Align the hole on the steering wheel with the hole on the body. As you insert it, make sure the screw hole on the steering wheel and on the body is on the same line. Tighten the screw.

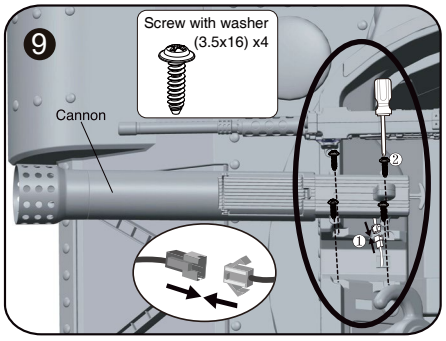
Diagram 7



Install the Blaster

Find the blaster. Connect the wire terminal on the blaster to the body (make sure the terminal are connected in the same color). Insert the wire terminal into the hole on the body. Install the blaster into position on the body. Tighten the 2 screws (screw with washer 3.5x16).

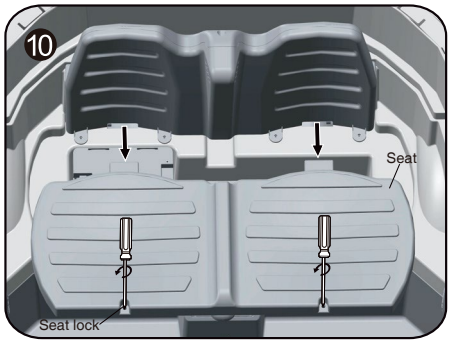
Diagram 8



Install the Cannon

Find the cannon. Connect the wire terminal on the cannon to the body. Insert the wire terminal into the hole on the body. Install the cannon into position on the body. Tighten the 4 screws (screw with washer 3.5x16).

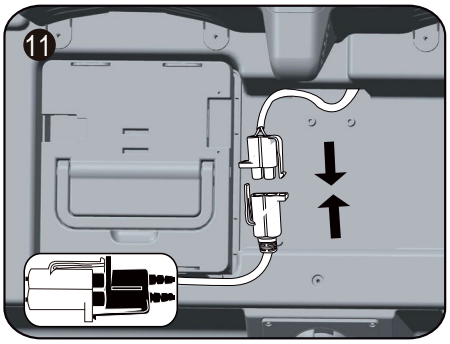
Diagram 9



Seat Removal

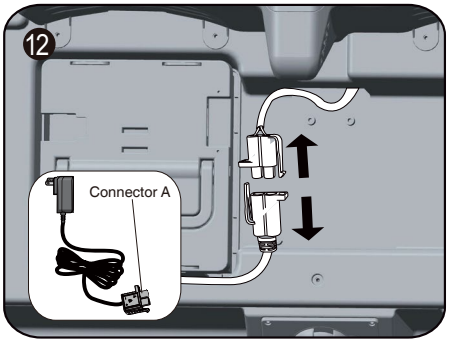
To remove the seat, unscrew the seat lock with the equipped screwdriver. To install the seat, place the snap joint of the seat directly to the slot cover on the body. Confirm that the seat is firmly in the correct position and tightened the screw with a screwdriver. **Diagram 10**

Assembly



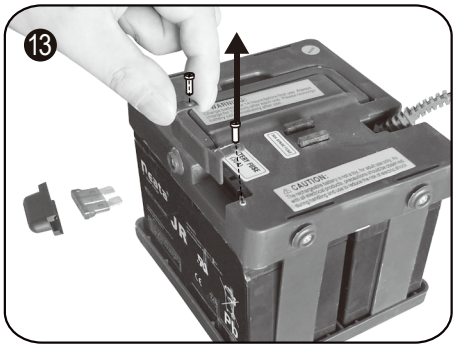
Install the Battery Connector

Identify the battery connector and power cable. Align the positive and negative connections and press the connectors together. Do not force the connection. If they do not go together smoothly, double check the alignment to be sure that positive is connecting to positive and negative to negative. **Diagram 11**



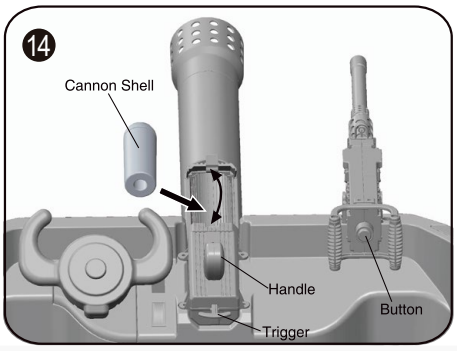
Recharging the Battery

Remove the seat as shown in Diagram 10. Disconnect the battery connector from the power cable and connect the battery connector to the charger. The red light shows the battery is charging. The green light shows the battery is charged. After recharging, reconnect the battery connector to the cable line connector and reconnect the seat. **Diagram 12**



Changing the Fuse

Check the fuse: Remove the blue fuse baffle and the black cover – then pull the fuse out. Hold the fuse up to see if the metal conductor is broken or melted. It is not always possible to confirm a damaged fuse visually. You may want to install a replacement even if the fuse appears to be good. **Replace the fuse:** Remove one of the spare fuses from the top of the battery case. Insert it in the location of the old fuse. Discard the old fuse. Replace the blue fuse baffle and the black fuse cover. Reinstall the seat using a screwdriver. **Diagram 13**

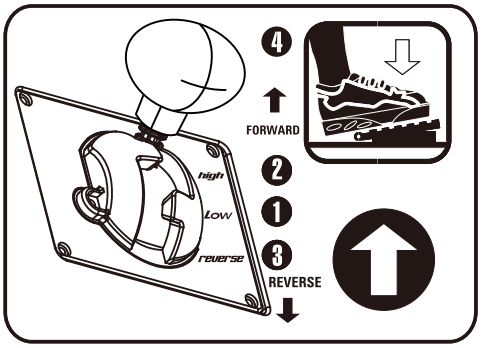


Features

Remove the cannon shell and open the cover on the barrel. Insert the cannon shell as shown and close the cover. Pull the handle back. To shoot the cannon shell, pull the trigger back – battle sound will play.
Diagram 14

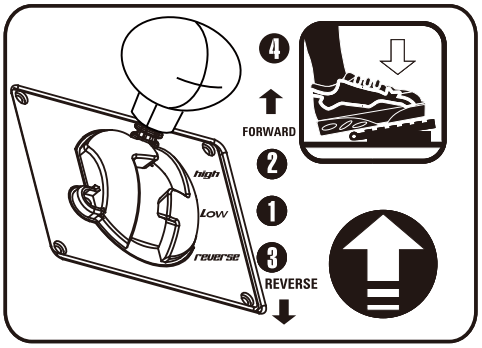
Operation

Low Speed Drive



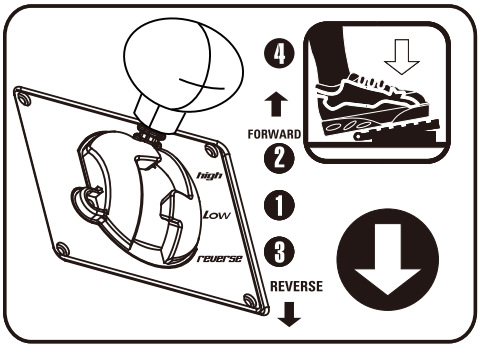
- Make sure the shifting box knob is set to the Low position. ❶
- Press down on the foot pedal. ❹ The vehicle moves forward at a maximum of 2.5 mph (4 kph). ❸
- Help your child practice steering to learn how long and how fast to turn the steering wheel when driving forward in low speed.

High Speed Drive



- Make sure the shifting box knob is set to the High position. ❷
- Press down on the foot pedal. ❹ The vehicle moves forward at a maximum of 5 mph (8 kph).
- **High speed drive should only be used once Low Speed Drive and Reverse have been mastered.**

Reverse



NOTE: To avoid damaging the motor and gears, stop the vehicle before shifting from forward to reverse, or reverse to forward.

- Only after your child is completely comfortable with operating the vehicle in forward mode should your introduce reverse.
- Make sure the shifting know is set to the Reverse position. ❸
- Press down the foot pedal. ❹ The vehicle will go in reverse at a maxium of 2.5 mph (4 kph).

CAUTION: To avoid damaging your vehicle's gearbox when in forward gears, avoid shifting directly into reverse until the vehicle has come to a complete stop.

Maintenance

Toy Care

Check all screws, cap nuts and protective coverings regularly and tighten as required. Check plastic parts on a regular basis for cracks or broken pieces.

During snow or rainy weather, the toy should be stored inside or under a protective cover. Remember to charge the battery at least once per month while your toy is not in regular use.

Avoid operating the toy in wet or snowy conditions and do not spray the toy with a hose. Do not wash the toy with soap and water. Water or moisture in the motors or electrical switches can cause them to corrode and could cause switch or motor failure.

Avoid operating the toy on sand, loose dirt or gravel. Sand, loose dirt or gravel in the motors or electrical switches can cause them to jam and could cause switch or motor failure.

The toy can be wiped down with a soft, dry cloth. For a shiny finish, you can wipe plastic parts with a non-wax furniture polish applied to a soft cloth. Do not use automotive wax. Do not use soap and water or spray the toy with a hose.

Troubleshooting Solutions Guide

Problem	Possible Cause	Solution
Ride-On Toy does not move	Circuit breaker tripped	Circuit breaker may trip and stop the toy if it is overloaded or if the driving conditions are too severe. The breaker will automatically reset after approximately 25 seconds, and the toy will operate normally. To avoid repeated shut down, don't overload the toy by exceeding the weight limit of 130 lbs. (59 kg), or by towing anything behind the toy. Don't drive up steep hills or run into objects, which can cause the wheels to stop turning while power is still being supplied to the motor. If breaker continually trips, contact Ballard Pacific Resources, Inc. at 1-866-424-0500.
	Loose wire or connectors	Check all wires and connectors. Make sure that the motor harness connector is plugged in tightly to the battery, and that there are no loose wires around the motor.
	Dead battery	An old or improperly cared for battery may be dead. If you're not sure whether it is dead or not, contact contact Ballard Pacific Resources, Inc. at 1-866-424-0500. A new battery must be charged for at least 14 hours before using the toy for the first time. Disconnect the battery from the charger after 14 hours of charging. After that, it must be recharged for at least 6 hours after each use. Never charge longer than 8 hours. Check all connectors, and make sure the charger is plugged into the wall. Make sure the power flow to the wall outlet is on. You must have a volt meter in order to tell whether or not a charger is working. If you think there may be a problem with the charger, contact Ballard Pacific Resources, Inc. at 1-866-424-0500.
	Electrical switch damage	When exposed to water or moisture, electrical switches can become corroded, or can jam due to loose dirt, sand or gravel. Call Ballard Pacific Resources, Inc. at 1-866-424-0500 for diagnosis and repair.
Ride-On Toy does not run	Loose wire or connectors	Check all wires and connectors. Make sure that the motor harness connector is plugged in tightly to the battery, and that there are no loose wires around the motor.
	Circuit breaker tripped	Circuit breaker may trip and stop the toy if is is overloaded or if the driving conditions are too severe. The breaker will automatically reset after approximately 25 seconds, and the toy will operate normally. To avoid repeated shut downs, don't overload the toy by exceeding the weight limit of 130 lbs. (59 kg), or by towing anything behind the toy. Don't drive up steep hills or run into objects, which can cause the wheels to stop turning while power is still being supplied to the motor. If breaker continually trips, contact Ballard Pacific Resources, Inc. at 1-866-424-0500.
	Fuse burn	Please refer to page 10.
SHORT OPERATING TIME ***NOTE: Although the maximum weight capacity is 130 lbs.(59 kg), riders over this weight capacity may significantly reduce the vehicle's run-time per charge.***	Undercharged battery	A new battery must be charged for at least 14 hours before using the toy for the first time. Disconnect the battery from the charger after 14 hours of charging. After that, it must be recharged for at least 6 hours after each use. Never charge longer than 8 hours. Check all connectors, and make sure the charger is plugged into the wall. Make sure the power flow to the wall outlet is on.
	Overcharged battery	Never charge the battery longer than 8 hours. if you think the battery may be damaged due to overcharging, contact Ballard Pacific Resources, Inc. for testing.
	Old battery will not accept full charge	Rechargeable batteries don't last forever, even with proper care. Depending on toy use and use conditions, the average battery lasts 1 to 3 years. Replace an old battery with a new Ballard Pacific Resources, Inc. approved 24 V battery. Contact Customer Service for a replacement battery and receive free shipping with the purchase of a battery. Never substitute parts.

Limited Warranty

DO NOT RETURN YOUR TOY TO THE STORE

Product needs to be returned in original packaging and unused ad as purchased from your retail store and include the following items to validate your limited warranty.

1. Two items must be presented:
   a. YOUR PRODUCT REGISTRATION FORM OR CARD.
   b. COPY OF YOUR PURCHASE OR SALES RECEIPT.
2. Products must be new and unused.
3. Products must be shipped back with original packing, parts and accessories.

If any part be found missing when returned, each part cost (list on Service Manual) will be deducted from the product purchase amount of money.

Ballard Pacific Resources, Inc. offers the following limitations, terms and conditions to the original owner of the Ballard Pacific Resources, Inc. Electric Ride-On Toy. Should this Ballard Pacific Resources, Inc. Electric Ride-On Toy or any part be determined defective by Ballard Pacific Resources, Inc. to be covered by this limited warranty, it will be repaired or replaced at Ballard Pacific Resources, Inc. sole option, which will be conclusive and binding. Ballard Pacific Resources, Inc. will pay all labor costs, connected with the repair or replacement of all parts covered under this limited warranty. Under no circumstances does this limited warranty include the cost of travel or shipment to and from any retailer or consumer. Such cost, if any, shall be borne by the original or subsequent owner.

This Ballard Pacific Resources, Inc. Electric Ride-On Toy has not been designed or engineered for ramp riding, jumping, aggressive riding, in severe climates or over severe terrain, riding with heavy loads [over 130 lbs. (59 kg)] or any similar activities. Such uses may damage the Ballard Pacific Resources, Inc. Electric Ride-On Toy, that can cause serious injury to the rider and in all cases will void this warranty.

6 Months from the date of the purchase on vehicle

Ballard Pacific Resources, Inc. Electric Ride-On body, display throttle and throttle assembly, control wiring harness, wiring and wiring harness, motor and associated transmission and all components not directly associated with the 24V battery are warranted from 6 months from date of purchase to THE ORIGINAL PURCHASER against any defects in material, manufacturing, and/or workmanship. If there is any evidence of consumer repair, the warranty is voided. Any claim of damage under this clause cannot be due to owner abuse or neglect and must first be reported to Ballard Pacific Resources, Inc. Customer Service and a Return Merchandise Authorization (RMA) tag to be issued.

3 Months from the date of the purchase on battery

The battery must be charged for a full 14 hours before the unit's first use. Disconnect the battery from the charger after 14 hours of charging.The 24V battery and battery charger (AC Adapter) that is included with the original toy is warranted to be free from defects in material, parts and/or workmanship, again not due to owner abuse or neglect. If there is evidence of customer repair or use of another battery or charger, the warranty is voided. This limited warranty is only valid to the original purchaser and must first be reported to Ballard Pacific Resources, Inc. Customer Service and a Return Merchandise Authorization (RMA) tag to be issued.

Wheels are considered a wear and tear item and are only under warranty in the event of manufacturer defect.

Items not covered under warranty terms under any conditions:

1. Damage due to failure to maintain the battery as accurately described on various product warning stickers and the product's owner's manual.
2. Damage due to maintenance or the actual damage caused by the lack of maintenance.
3. Damage due to improperly assembled products.
4. Damage due to climatic or environmental damage, various cleaners and/or chemicals that may result in a damaged finish.

This warranty does not cover and is intended to exclude any liability on the part of Ballard Pacific Resources, Inc.
Whether under this warranty or implied by law or indirect or consequential damages for breach of warranty.

This warranty gives you specific legal rights. You may also have other rights that vary from state to state and province to province. In those states that do not allow the exclusion of implied warranties or limitation of incidental or consequential damages, the above limitations or exclusions may not apply to you. This warranty applies to the United States and Canada.

DON'T RETURN YOUR TOY TO THE STORE: Should you require service or assistance with your toy during the warranty period, contact our trained technical staff at Ballard Pacific Resources, Inc. at **1-866-424-0500.**

Notes

Product Registration

ACTION WHEELS

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Thank you for your purchase!

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USE THE QR CODE TO ACTIVATE WARRANTY

EC-2044-AZ
24V Thunder Tank-Tan

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For assistance with your assembly call:
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417.206.0563 Local

ACTION WHEELS