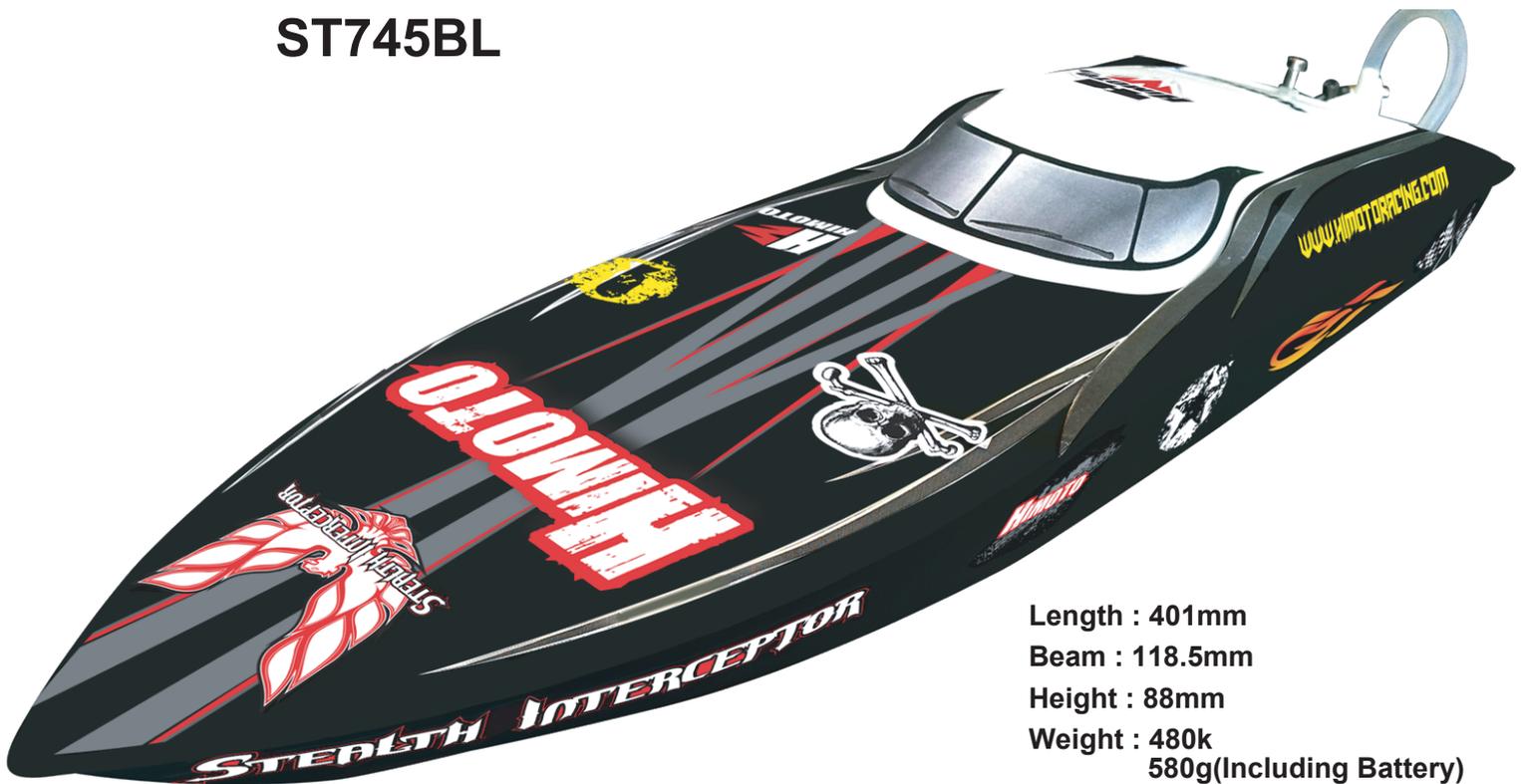


# RADIO CONTROLLED ELECTRIC POWER BOAT INSTRUCTION MANUAL

# STEALTH INTERCEPTOR

ITEM NO.:ST745  
ST745BL



Length : 401mm  
Beam : 118.5mm  
Height : 88mm  
Weight : 480k  
580g(Including Battery)

- Motor : Watercool RC390 Motor(ST745)  
Watercool Brushless Motor(ST745BL)
- Speed Control : 2in1 Waterproof ESC / Receiver(ST745)  
Waterproof Brushless ESC(ST745BL)
- Battery :7.2V 800mAh NiMH Battery(ST745)  
7.4V Li-Po Battery(ST745BL)
- Propeller : 40x32mm
- Hull Material : ABS+PC

## MEANING OF SPECIAL LANGUAGE

The following terms are used throughout the product literature to indicate various levels of potential harm when operating this product:

**NOTICE:** Procedures, which if not properly followed, create a possibility of physical property damage AND little or no possibility of injury.

**CAUTION:** Procedures, which if not properly followed, create the probability of physical property damage AND a possibility of serious injury.

**WARNING:** Procedures, which if not properly followed, create the probability of property damage, collateral damage, and serious injury OR create a high probability of superficial injury.

## Safety Precautions and Warnings

As the user of this product, you are solely responsible for operating in a manner that does not endanger yourself and others or result in damage to the product or the property of others.

- When handling and/or transporting your boat, always pick up the boat from the front, keeping all moving parts pointed away from you.
- Always keep a safe distance in all directions around your model to avoid collisions or injury. This model is controlled by a radio signal subject to interference from many sources outside your control. Interference can cause momentary loss of control.
- Always operate your model in open spaces away from full-size vehicles, traffic and people.

### Age Recommendation:

**Not for children under 14 years. This is not a toy.**



**WARNING:** Read the ENTIRE instruction manual to become familiar with the features of the product before operating. Failure to operate the product correctly can result in damage to the product, personal property and cause serious injury.

This is a sophisticated hobby product and NOT a toy. It must be operated with caution and common sense and requires some basic mechanical ability. Failure to operate this Product in a safe and responsible manner could result in injury or damage to the product or other property. This product is not intended for use by children without direct adult supervision. Do not attempt disassembly, use with incompatible components or augment product in any way without the approval of Horizon Hobby, Inc. This manual contains instructions for safety, operation and maintenance. It is essential to read and follow all the instructions and warnings in the manual, prior to assembly, setup or use, in order to operate correctly and avoid damage or serious injury.

- Always carefully follow the directions and warnings for this and any optional support equipment (chargers, rechargeable battery packs, etc.).
- Always keep all chemicals, small parts and anything electrical out of the reach of children.
- Always avoid water exposure to all equipment not specifically designed and protected for this purpose. Moisture causes damage to unprotected electronics.
- Never place any portion of the model in your mouth as it could cause serious injury or even death.
- Never operate your model with low transmitter batteries.

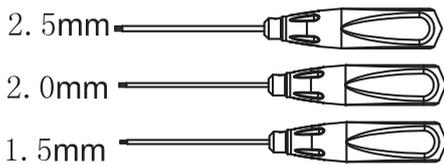
## Before You Start Assembling

Thank you for purchasing our Ready To Run electric boat. This manual contains the basic methods of operation, assembly details, and related accessories. Operators less than 14 years of age need to be supervised by an adult. Please read all information in this manual before operation to avoid any damage or danger.

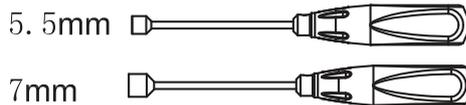
All operating instructions should be read before the use of this product. It contains important information for future reference. In addition, because we constantly update our products, some small physical features may change. Check our website for any update on changes.

## Tools Needed

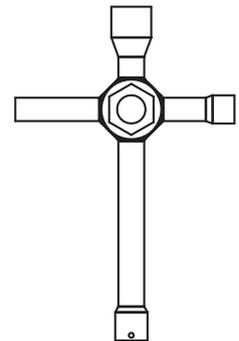
2.5 2.0 1.5 Allen key



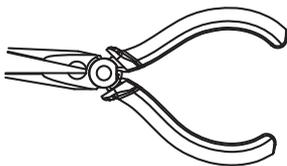
5.5 7 Wrench



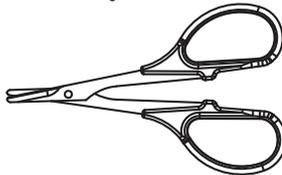
Cross Wrench(big)



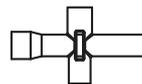
Needle Nose Plier



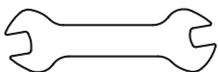
Hobby Scissors



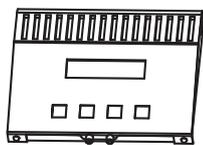
Cross Wrench(small)



5.5mm Open end wrench



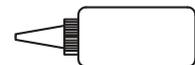
Charger



Reamer



Apply CA glue



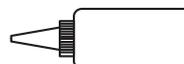
Grease



1.2V AA Battery



Silicone Oil



## ***Safety Precautions***

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- Always operate your model in open spaces away from full-size vehicles, traffic and people.
- Always carefully follow the directions and warnings for this and any optional support equipment (chargers, rechargeable battery packs, etc.).
- Always keep all chemicals, small parts and anything electrical out of the reach of children.
- Always avoid water exposure to all equipment not specifically designed and protected for this purpose. Moisture causes damage to unprotected electronics.
- Never place any portion of the model in your mouth as it could cause serious injury or even death.
- Never operate your model with low transmitter batteries.

Age Recommendation: Not for children under 14 years. This is not a toy. Safety precautions and Warnings

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## ***Warranties***

**Ask retailers for replacement or return for manufacturing defective or missing parts. There is no warranty against wear and tear caused by incorrect operation or use of incorrect parts.**

**Retailers are to provide technical assistance free of charge for beginners.**

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## ***Operational Requirements***

**First, make sure batteries are fully charged. Check all connections and settings .**

**Install 4AA batteries in the remote, ensure that the batteries have full power, pay attention to positive and negative polarity, and do not install in the wrong direction.**

**The remote control system has a variety of different functions and settings. Before initial use, ensure that all functions and settings have been fully understood.**

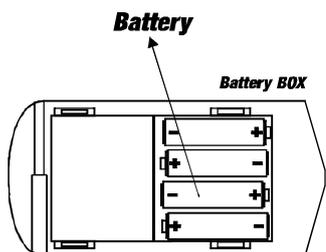
# 2.4GHZ RADIO SYSTEM HTX-242



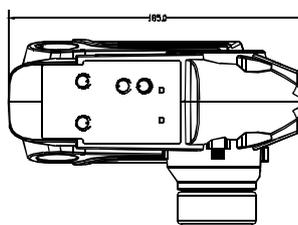
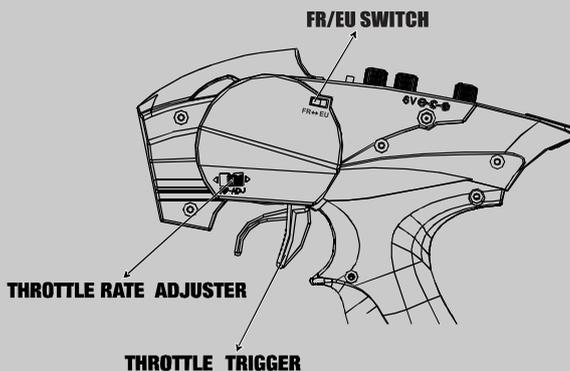
## Install the batteries

- (1) Remove the battery compartment cover.
- (2) Replace the used batteries with new AA size batteries.

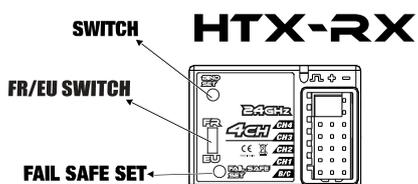
Please replace batteries when the power indicator blinks or the buzzer beeps.



## TRANSMITTER DIAGRAM



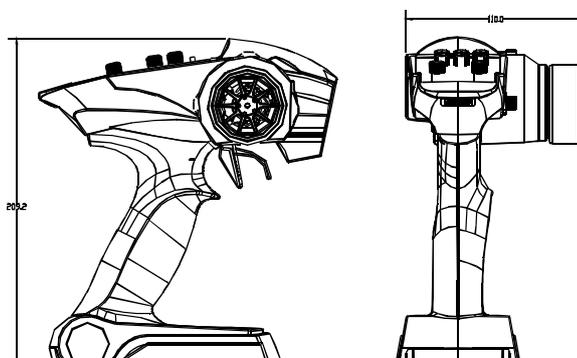
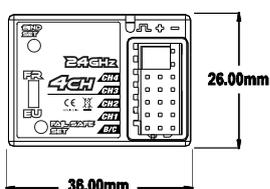
**Transmitter Size**



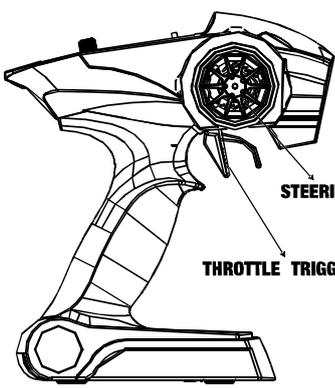
### **Connectors**

- 1: Steering servo (CH1)
- 2: Throttle servo (CH2)
- 3: CH3 servo (CH3)
- 4: CH4 servo (CH4)
- B/C: Power connector

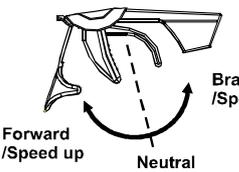
### **Receiver Size**



## Transmitter Adjustment



### A. Throttle Trigger

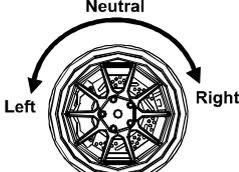


1. Push the trigger forward to slow down or brake.
2. Pull the trigger backward to accelerate.

**Throttle Trim:** Position the throttle trigger at the neutral position, adjust the throttle trim accordingly.

**Steering Trim:** If the front wheel does not align straight, use the steering trim to make adjustment.

### B. Steering Wheel



Turn the steering wheel counterclockwise to turn left, turn the steering wheel clockwise to turn right.

 Position the transmitter and receiver 40cm apart when operating.

### Fail Safe Function Setting

1. Set the TH, ST switches to the normal position.
2. Turn on the transmitter and receiver.
3. Press the F/S SET button, the LED on the receiver should start flashing rapidly.
4. Put the throttle trigger at the brake position, press the F/S SET button, the LED should become solid.
5. For electric model, put the throttle trigger at the stop position when you are making the setting.

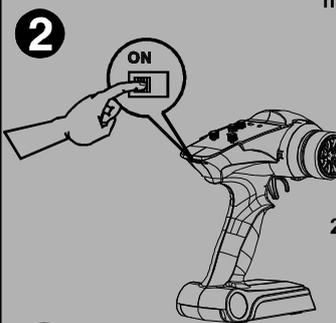
### Low Battery Alarm

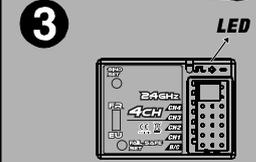
Do not operate the radio system when the battery power is low.

## 2.4GHz

### Binding the transmitter and receiver

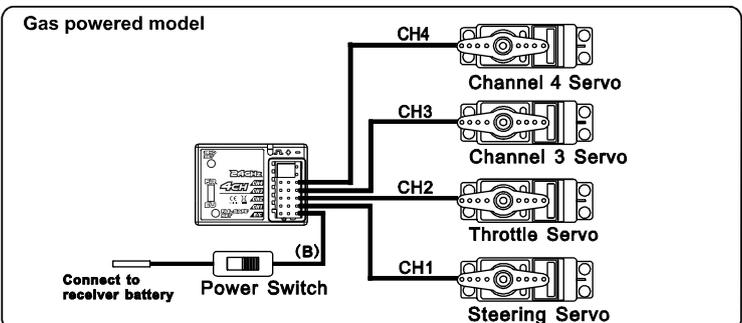
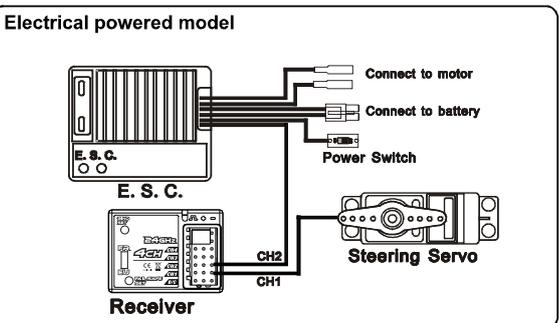
- 

1. turn on the receiver power. Press the SW switch. The receiver's LED should start flashing.
- 

2. Turn on the transmitter.
- 

3. When the LED on the receiver becomes solid, the binding process is completed.

### Receiver and servo connection



# HTX-243RESB

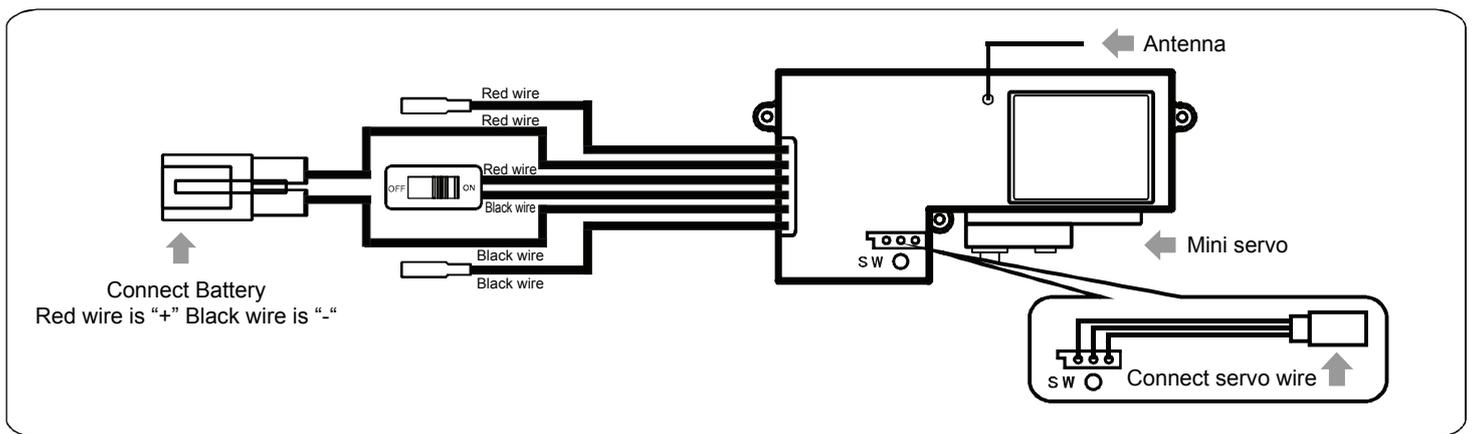
## Features

2 in 1 Receiver/Esc Easy to operate

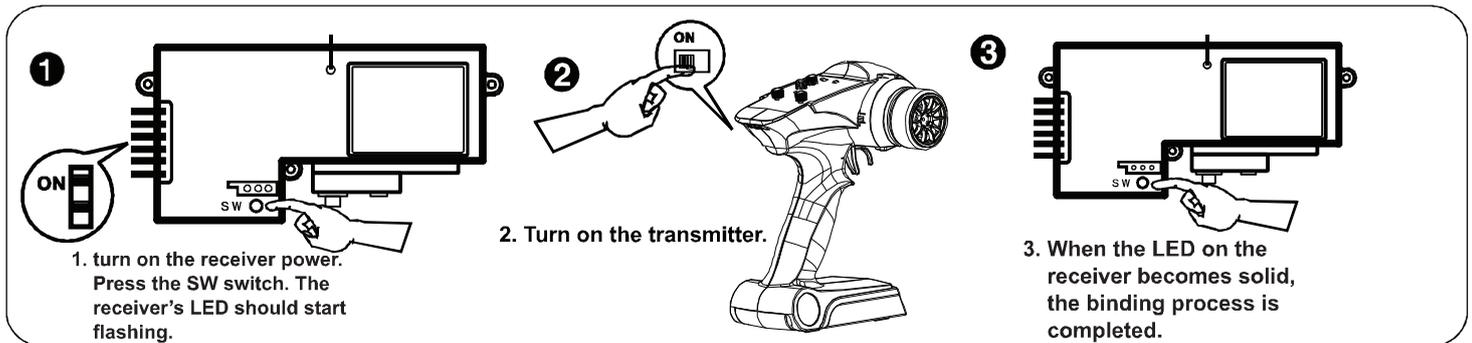
## Specifications

- Input voltage : 6V-8. 4V DC
- BEC : 5V 1A
- Output current : Continuously 20A, Instantly 150A
- Size : L68.5mm \* W32.5mm \* H22mm
- Motor : High Power 370/20T motor

## Wiring diagram



## Binding the transmitter and receiver



## Functional Description

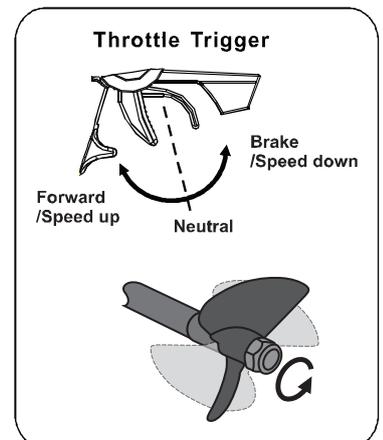
1. Push the trigger forward to slow down or brake.
2. Pull the trigger backward to accelerate.

**Throttle Trim:** Position the throttle trigger at the neutral position, adjust the throttle trim accordingly.

**Steering Trim:** If the front wheel does not align straight, use the steering trim to make adjustment

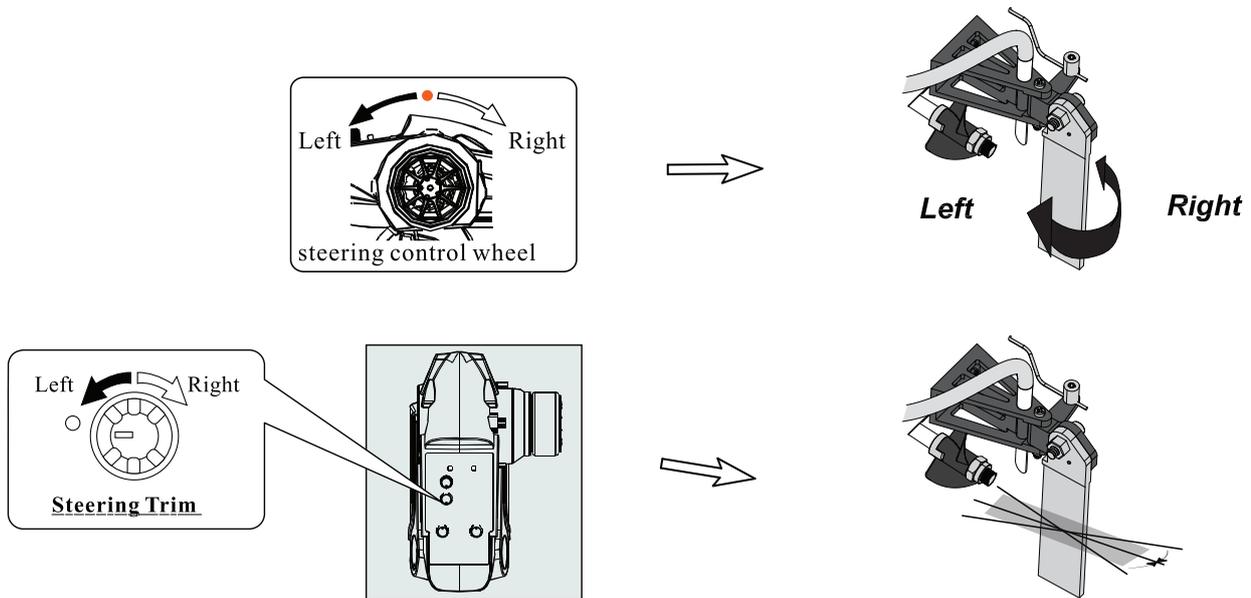
## Note

This product has a water resistance function



# Operation Check List

1. Install fresh, new batteries into the transmitter and vehicle. Verify all the control functions are working properly.
2. Verify steering is set to the neutral position, the front wheels of the vehicle should point straight forward when the steering wheel on the transmitter is centered.
3. The ESC on the vehicle is pre-configured at the factory. When you turn on the transmitter and vehicle, you should hear a beep in 1-2 seconds and the indicator light should be lit.
4. With the battery fully charged, the run time for the vehicle is around 7 to 15 minutes depends on the condition of the running environment. Please stop operation when the battery show sign of low power.



## Common Troubleshooting

**Problem: Motor is not working**

**Causes:** A broken motor coil, battery capacity is inadequate or not charged, remote control not turned on or esc switch not turned on.

**Solution:** Replace motor, change batteries, turn switches on

**Problem: Poor motor performance**

**Causes:** Battery power is low, ESC (Electric speed control) is not adjusted properly, drive train loosened.

**Solution:** Replace or recharge the battery. When you first turn on the car, don't touch throttle trigger until all noise stop. Check that the gear mesh is not too tight or loose.

**Problem: Difficult to steer the car**

**Causes:** Transmitter or receiver battery are low, steering servo trim not set correctly

**Solution:** Replace or recharge the battery; when car is not moving, manually set steering trim so that the wheels are pointed forward.

## SPECIFICATIONS

### Stealth Enforcer

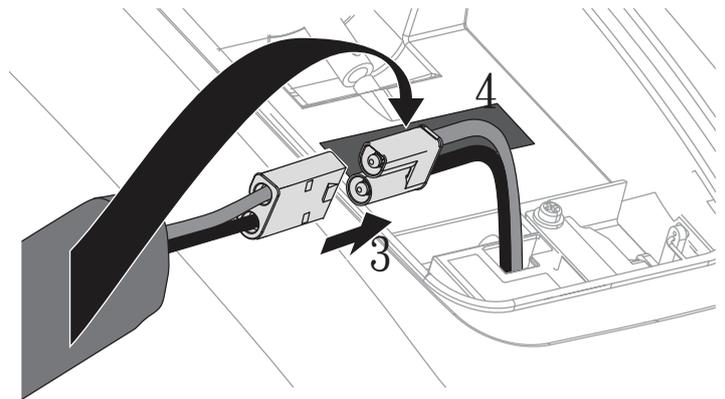
**Length** 401mm  
**Beam** 118.5mm  
**Transmitter** 2.4GHz Radio  
Control TX

**Motor** : Watercool RC390 Motor(ST745)  
Watercool Brushless Motor(ST745BL)  
**Speed Control** : 2in1 Waterproof ESC / Receiver(ST745)  
Waterproof Brushless ESC(ST745BL)  
**Battery** : 7.2V 800mAh NiMH Battery(ST745)  
7.4V Li-Po Battery(ST745BL)

**Propeller** : 40x32mm  
**Hull Material** : ABS+PC

## Boat Battery Pack Installation

1. Lift the back of the canopy lid off the magnet and pull it back and away from the hull to remove.
2. Adhere loop tape (included) to the battery. Do not cover the battery warning label.
3. Connect the battery.
4. Secure the boat battery on the hook strip in the boat.
5. Refer to Getting Started instructions about powering on your boat.



## Charging Warnings



**WARNING:** Never leave a charging battery pack unattended. Monitor the battery periodically for heat and if at any point the temperature exceeds 120F, disconnect from the allow it to cool fully before reconnecting.

## Service and Maintenance

In order not to void car warranty, always keep your buggy clean. In areas of high dust and dirt, be sure to blow off dirt and dust with a compressor, soft bristle brush, or toothbrush.

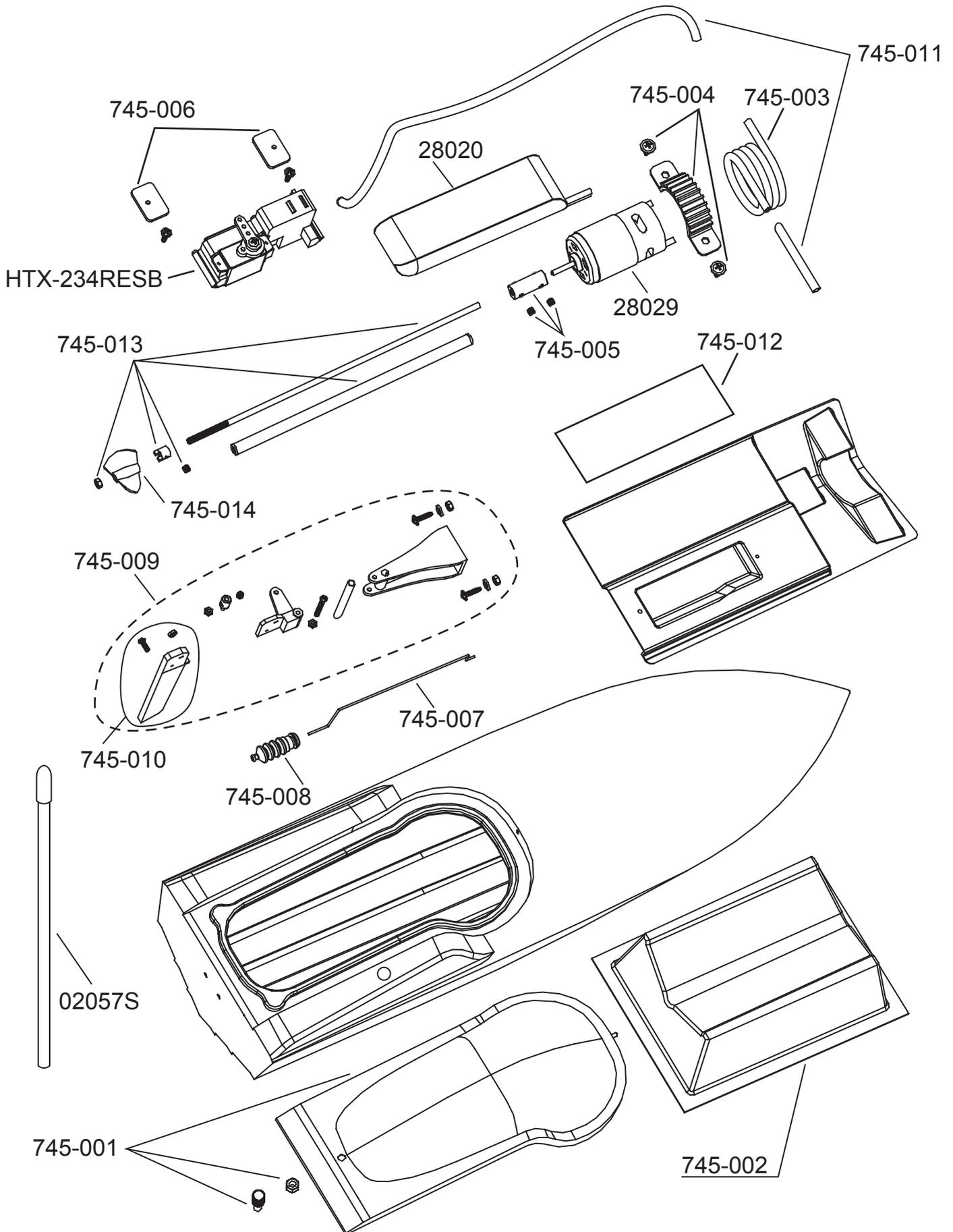
Always check car for loose or broken parts and replace before and after running.

Regularly check screws to make sure that they are tight.

Replacement parts are available at many local retailers or online stores. Feel free to contact retailers for help in replacing parts.

# Explode Diagram of the Stealth Interceptor

ITEM ON:ST745/ST745BL



**745-001**



Boat Cover

**745-002**



Boat Stand

**745-003**



Water Cooling

**745-004**



Motor Tablet

**745-005**



Coupler

**745-006**



Receiver Holddown  
w/fasteners

**745-007**



Push Rod

**745-008**



Organ Set

**745-009**



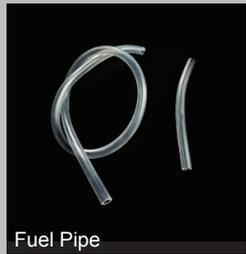
Rudder Main Assembly

**745-010**



Rudder

**745-011**



Fuel Pipe

**745-012**



Foam Double Tape 2P

**745-013**



Shafting Assembly

**745-014**



Propeller

**02057S**



Antenna Pipe

**ELECTRONICS**

**HTX-242T**



2.4G Radio Control TX

**HTX-243RESB**



**ST745 ONLY**  
2in1 Waterproof  
ESC/Receiver

**28029**

**ST745 ONLY**



Watercool RC390 Motor

**HTX-243SWP**



1.3kg Waterproof Mini Servo

**28020**



7.2V 800mAh NiMH Battery

**03027**



Front Suspension Arm Pin (Short)

**EOMU**



Multi Charger

**BRUSHLESS VERSION**

**HTX-RXWP**

**Option Part**



Waterproof  
4channels 2.4G Receiver

**21405**

**Option Part**



Waterproof  
Brushless Esc

**21470**

**Option Part**



**ST745BL ONLY**  
Watercool Brushless Motor

**LP7415**

**Option Part**



7.4V Li-Po Battery

**A3AU** Option Part  
**A3EU**  
**A3UK**  
**A3US**



Li-Po Battery Charger

## SPARE PARTS LIST

745-001	Boat Cover	SP
745-002	Boat Stand	SP
745-003	Water Cooling	SP
745-004	Motor Tablet	SP
745-005	Coupler	SP
745-006	Receiver Holddown w/fasteners	SP
745-007	Push Rod	SP
745-008	Organ	SP
745-009	Rudder Main Assembly	SP
745-010	Rudder	SP
745-011	Fuel Pipe	SP
745-012	Foam Double Tape 2P	SP
745-013	Shafting Assembly	SP
745-014	Propeller	SP
02057S	Antenna Pipe	SP
HTX-242T	2.4G Radio Control TX	EP
HTX-243RESB	2in1 Waterproof ESC/Receiver	EP
28029	Watercool RC390 Motor	EP
HTX-243SWP	1.3kg Water Proof Mini Servo	EP
28020	7.2V 800mAh NiMh Battery	EP
03027	Charger/Battery Wire Connector 1P	EP
E0MU	Multi Charger	EP
21405	Waterproof Brushless ESC (ST745BL only)	OP
21470	Watercool Brushless Motor (ST745BL only)	OP
HTX-RXWP	Waterproof 4Channels 2.4G Receiver	OP
LP7415	7.4V Li-Po Battery	OP
A3AU	Li-Po Battery Charger (AU)	OP
A3EU	Li-Po Battery Charger (EU)	OP
A3UK	Li-Po Battery Charger (UK)	OP
A3US	Li-Po Battery Charger (US)	OP