TRANSMITTER BATTERY INSTALLATION

1. Press down on the battery cover and slide in the direction of the arrow to remove.
2. Install 8 pieces “AA” size alkaline batteries as indicated on the battery tray. Make sure to match the polarity (+ and -) as shown in the battery compartment or the transmitter will not function.
3. Install the battery cover in place and slide to close.

WARNINGS

Improper installation of transmitter batteries can cause serious damage to your system.

RECEIVER AND SERVO CONNECTIONS

Your Blazer or Blazer Sport R/C system is equipped with a BEC receiver to eliminate the need for a separate battery receiver pack, but you can use a separate power supply if desired for your particular model. The following diagram shows a typical connection for the servos and receiver.

Troubleshooting Guide

If your radio system does not operate properly, please check the following items:

1. Make sure the batteries are properly installed and check the polarity (+ and -) again.
2. Check that both the transmitter and receiver power switches are in the ON position.
3. Check the LED Power Indicators and make certain that all three are on. If not, replace the batteries.
4. Make sure all the receiver and servo connections are tight.
5. Make sure that the proper frequency crystals are installed in the transmitter and receiver.

WARNING

Improper installation of transmitter batteries can cause serious damage to your system.

WARNING: Improper installation of transmitter batteries can cause serious damage to your system.

Your Blazer or Blazer Sport R/C system is equipped with a BEC receiver to eliminate the need for a separate battery receiver pack, but you can use a separate power supply if desired for your particular model. The following diagram shows a typical connection for the servos and receiver.

Note that the receiver antenna should be located at least 2” (50 mm) away from any servo leads and switches. In electric cars, we recommend that it be at least 4” (100mm) from the electric motor.

Extend the receiver antenna to the full length. Failure to do so will cause loss of control. Do not cut or bend the receiver antenna. Be careful to avoid any metal parts coming in contact with the servo connectors as this will affect the performance. Insulate the connectors with tape or use tie wraps to avoid contact with metal car chassis. Please follow the model manufacturers recommendations for the correct installation of your radio system in your car or boat.

The choice of Champions

STEERING SERVO

Throttle Reverse Switch

Throttle Trigger Adjustment

Trigger Set Screw must be loosened before adjusting

Troubleshooting Guide

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4. Make sure all the receiver and servo connections are tight.
5. Make sure that the proper frequency crystals are installed in the transmitter and receiver.

WARNING

Do not operate your system if someone else is on your frequency at the same time. Your model can cause serious damage or injury so please use caution and courtesy at all times.

Do not expose the radio system to water or excessive moisture.

Do not expose the radio system to water or excessive moisture.

Please water proof the receiver and servos by placing them in plastic bags or a water tight radio box when operating R/C boat models.

If you have little or no experience operating R/C models we strongly recommend you seek the assistance of experienced modellers or your local hobby shop for guidance.
We appreciate your purchase of this new AIRTRONICS Blazer Sport Radio Control System. These instructions are intended to familiarize you with the many unique features of this modern, state-of-the-art equipment. Please read them carefully so you may obtain maximum success and enjoyment from its operation.

Please note that the Blazer Sport is designed for comfort and precise control of all types of model cars and boats. We wish you the best of success with your radio system. Enjoy!

### SYSTEM FEATURES
- Unique and functional pistol-grip transmitter design
- Well balanced for precise control
- Well placed trim and rate functions
- High power output
- Color LED power indicators for easy reference of battery condition
- Retractable transmitter antenna

### SYSTEM SPECIFICATIONS

#### (A) Transmitter
- **Model:** Blazer Sport
  - **Output power:** 500 MW
  - **Modulation:** AM/PM
  - **Power supply:** 8 AA alkaline dry cells DC 12V
  - **Frequencies:** 27 MHz - 6 frequencies
  - **Weight:** 14.46 ounces
  - **Operating Voltage:** 4.8~6.0
  - **Dimensions:** 3.39" (L) x 1.65" (W) x 1.54" (H)
  - **Power supply:** 8 AA alkaline dry cells DC 12V
  - **Model:** Blazer Sport

#### (B) Receiver (Mini BEC type)
- **Model:** 94102Z (27 MHz)
  - **Modulation:** AM/PM
  - **Power supply:** 6.0 V through BEC receiver
  - **Frequencies:** 27 Mhz - 6 frequencies
  - **Weight:** 1.13 ounces
  - **Dimensions:** 1.93" (L) x 1.13" (W) x .75" (H)

#### (C) Servo
- **Model:** 94102Z Heavy duty standard servo
  - **Power supply:** 6.0 V through BEC receiver
  - **Dimensions:** 1.54" (L) x .79" (W) x 1.42" (H)
  - **Weight:** 1.59 ounces
  - **Speed:** 0.18 sec. at 6.0V for 60 deg rotation
  - **Torque:** 50 oz./inches

#### (D) Accessories
- **Model:** 97064 BEC switch harness
  - **Frequency:** 60 MHz
  - **Modulation:** AM/PM
  - **Power supply:** DC 6.0-8.4 V
  - **Dimensions:** 1.93" (L) x 1.3" (W) x .75" (H)

### LED Power Indicators
- **Full:** All three indicators (2 green and 1 red) will be lit when the power is on and the batteries are in their best condition.
- **Low:** One indicator (red) will be lit when the power is on and the batteries are too weak to operate your model. DO NOT attempt to operate your model, and replace the batteries immediately. If the batteries are improperly installed, the LED indicators will not be lit. Check your battery installation and/or individual batteries. DO NOT mix old and new batteries.
- **Red:** The transmitter crystal can be removed to change frequencies. Use only genuine AIRTRONICS crystals to insure proper operation.
- **Forward:** Turn clockwise to make the model turn right. Turn counter clockwise to make the model turn left.
- **Reverse:** Turn clockwise to make the model move forward. Turn counter clockwise to make the model move backwards.

### SYSTEM FUNCTIONS AND OPERATIONS
- **NiCd Charger Jack**
- **Receiver dry battery holder**
- **High torque and high speed 94102Z servo**
- **Receiver includes BEC (Battery Eliminator Circuit)**
- **Lightweight, high performance mini receiver**
- **Quick access transmitter crystal.**
- **(70/30) Throttle trigger**
- **Servo reversing for easy installation**
- **Pull antenna up until it is fully extended before operating the system.**
- **Forward Speed Controller**
- **Reverse Speed Controller**
- **Forward Switch**
- **Reverse Switch**
- **Throttle Trigger**
- **Throttle Switch**
- **Throttle/Brake Operation**
- **Forward/Reverse Switch**
- **Throttle/Brake Operation**

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Your Blazer Sport radio system contains many features not found in other radio systems, making it the ideal choice for most experienced radio sports enthusiasts. We wish you success and enjoyment with your radio control system. Enjoy!