

# GETTING STARTED

RT 1-1-08

**NOTE:** Before you start running your new 1/18 Rammunion, it is absolutely necessary that you read through all of the operating instructions to get the maximum enjoyment and prevent unnecessary damage.

## Step 1



Plug the AC charger into the proper wall receptacle(110V). Plug the battery pack into the charger and let it charge for 3 hours for the first time. After running until the 1/18 Rammunion slows noticeably recharge the battery pack for 5-6 hours for a full charge.

## Step 2



Remove the transmitter battery cover by sliding the cover from left to right. Install eight (8) AA batteries into the battery holder. Pay close attention to the correct direction of the positive (+) and negative (-) ends as marked in the tray. Once all 8 batteries have been installed, reinstall the battery cover by sliding it on from right to left.

## Step 3

Fig. 1

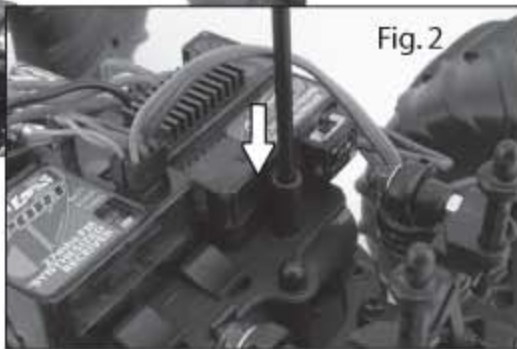


Fig. 2

Insert the antenna wire through the antenna mount and into the antenna tube (fig. 1) pushing it through until it comes out the other end. Push the antenna tube (fig. 2) into the antenna mount.

## Step 4

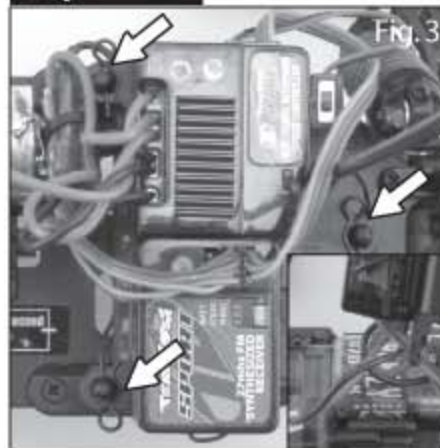


Fig. 3

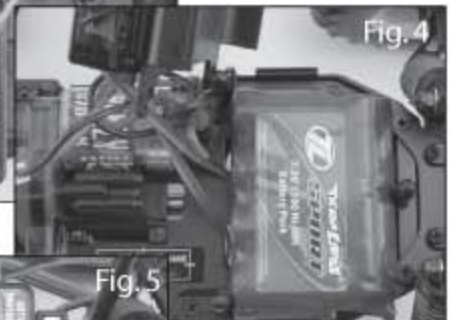


Fig. 4



Fig. 5

Once the battery is charged, remove the 3 body clips from the battery posts (fig.3) and remove the battery door. Install the battery pack as shown (fig.4). Replace battery door, reinstall body clips and plug the battery into the speed controller plug. (fig.5)

**Customer Support Contacts:**  
Horizon Hobby Inc.  
4105 Fieldstone  
Champaign, IL 61821  
1-877-504-0233



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## Step 5



Always turn on the transmitter first by sliding the switch on the left side of the wheel from left to right. The small red and green lights above the switch should both light up. If not you need to check for low or incorrectly installed batteries.

## Step 6



### Frequency/Channel Guide

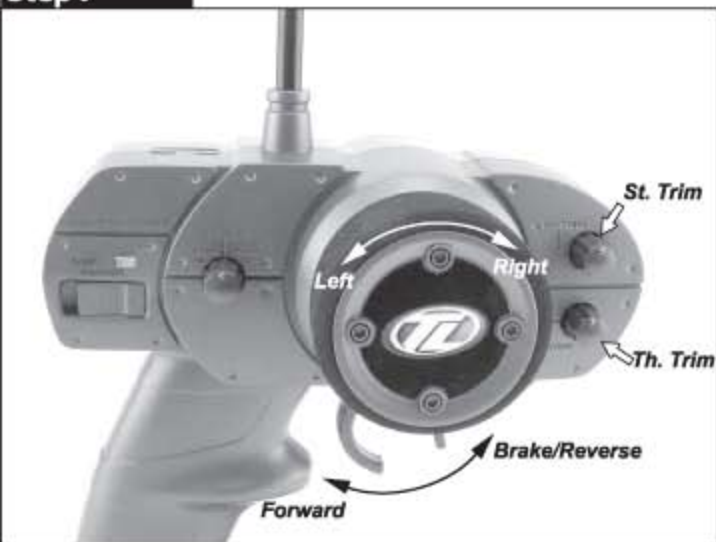
Channel/Color	Frequency	LED Indicators
Ch. 1 (Brown)	26.095MHz	Red (top) only
Ch. 2 (Red)	27.045MHz	Yellow (middle) only
Ch. 3 (Orange)	27.095MHz	Red & Yellow (top & middle)
Ch. 4 (Yellow)	27.145MHz	Green (bottom) only
Ch. 5 (Green)	27.195MHz	Red & Green (top & bottom)
Ch. 6 (Blue)	27.225MHz	Yellow & Green (middle & bottom)

**Although your 1/18 Rammuntion frequency has been set from the factory, it is suggested that they be checked before use.**

Both the transmitter and the receiver must be set to the same frequency/channel for the model to operate correctly. This can be easily checked by noting the colored LED's (lights) on the top of the receiver and the back of the transmitter. These should always be the same on both or you will not have control of the model. Always program the transmitter first then the receiver. To select a frequency follow the following easy steps.

1. Turn on the transmitter and/or receiver. Note that both should display the same colored light(s).
2. Locate the frequency selector button.
3. Press the selector button until the desired frequency light(s) are light.
4. Repeat for the receiver if necessary.
5. Double check to make sure both the transmitter and receiver have the same LED's (lights) on.

## Step 7



Once the transmitter has been turned on, turn on the Rammuntion by sliding the switch on the speed controller to the "On" position. If the rear wheels turn, adjust the "TH. Trim" knob located to the lower right of the steering wheel until they stop. To go forward pull the trigger back. If you should need reverse, wait for the model to stop then push the trigger forward. When going forward the model should move in a straight line. If not, adjust the "ST. TRIM" so that it tracks in a straight line with out having to turn the steering wheel.

After you are done running, turn the Rammuntion off **FIRST** by sliding the switch to the off position. After the model has been turned off, turn off the transmitter. If you wish to clean your Rammuntion, use compressed air and/or a soft paintbrush to remove dust and dirt. **NEVER** use chemicals or anything wet as it can cause damage to both electronics and plastic parts.

## ALWAYS

- Turn on the transmitter before the truck
- Use caution when running around people
- Turn both the Raminator and transmitter "off" when done
- Check the battery condition of the transmitter before running

## NEVER

- Operate the Rammuntion with low battery power.
- Run the Rammuntion through water or wet grass
- Use chemicals to clean the chassis
- Run the Rammuntion without a gear cover

### Customer Support Contacts:

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4105 Fieldstone  
Champaign, IL 61821  
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# Rammunition Troubleshooting Guide

Doesn't Operate

Battery not charged or connected properly  
Radio transmitter and receiver not on same frequency  
ESC Switch not "on" or broken  
Transmitter not "on" or low battery

Motors run but wheels don't move

Slipper too loose  
Gears stripped in center gearbox  
Gear stripped in front and/or rear gearbox  
Spur gear stripped  
Pinion gear setscrews loose  
Drive pins in axles/wheels missing

Steering doesn't work

Servo plug improperly installed in receiver or unplugged  
Bind in steering  
Servo or receiver damaged

Won't turn in one direction

Servo gears broken  
Steering linkage broken or bound

Motors do not run

Motor plugs loose  
Motor wire broken  
Motors bound or broken  
ESC damaged

ESC gets hot

Motors over-gearred  
Shorted Motor  
Driveline bound / Dirty

Poor run time / sluggish acceleration

Batteries low or shorted  
Charger not allowing full charge  
Slipper adjustment set too loose (slipping too much)  
Motors worn out  
Driveline bound / Dirty  
ESC needs to be programmed

Poor range / glitches

Transmitter batteries low  
Transmitter antenna loose  
Receiver antenna broken  
Battery pack in truck low  
Loose wires or plugs  
Transmitter and receiver not on same frequency

Slipper won't adjust

Drive pin missing in shaft  
Spur gear face worn out  
Adjuster nut stripped

