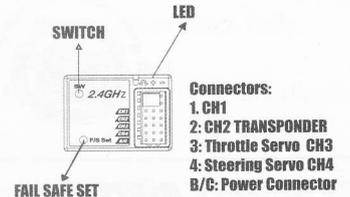
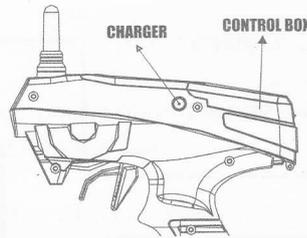
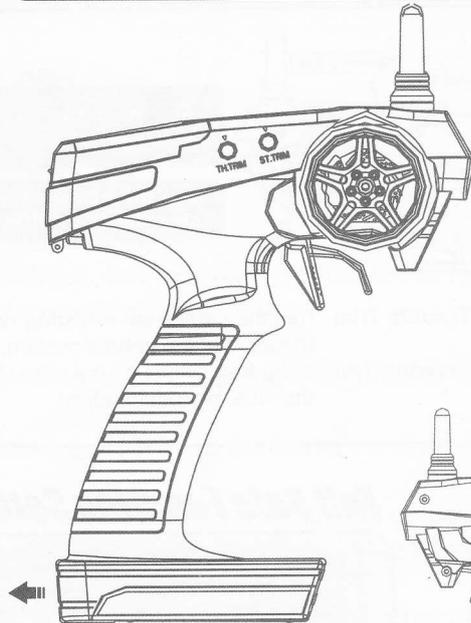
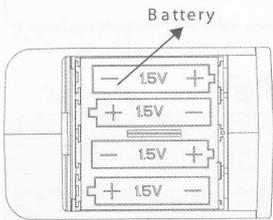


Install *THE* Batteries

- (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.



- Connectors:
1. CH1
 2. CH2 TRANSPONDER
 3. Throttle Servo CH3
 4. Steering Servo CH4
- B/G: Power Connector

THE STEERING DEVICE *Function*

ST REV

Steering Reverse - When looking at car from rear end, turning wheel right (clockwise) should turn tires to right.

TH D/R

Adjust total amount of throttle travel both F/B

EPA-F

Throttle End Point - Adjust how far carburetor opens. While holding full throttle with car on and engine off, pull the collar out and adjust until there is a .5-1mm gap between the collar and servo arm

ST D/R

Adjust total amount of steering travel L/F

EPA-L

Adjust left steering end point.

POWER

EPA-R

Adjust right steering end point.

EPA-B

Adjust brake amount.

BAT BOX

CONTROL BOX

TH TRIM

Is used to set natural position of the Throttle Servo.

2.4G ANT

STEERING WHEEL

ST TRIM

Is used to set natural position of the Steering Servo.

TH REV

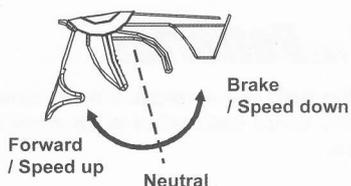
TH REV = Throttle Reverse - With left hand on throttle trigger, pulling the trigger back will open the carburetor and increase engine rpm. Pushing the trigger forward will engage the brakes

THROTTLE TRIGGER

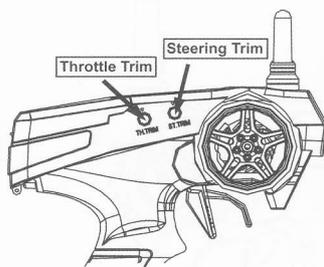
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Transmitter Adjustment

A. Throttle Trigger



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



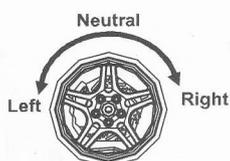
Keep the transmitter and receiver 40cm apart when operating.

Use the REV switches to reverse the steering or throttle operating direction.

Throttle Trim: Trim the throttle servo slightly when the trigger is at the neutral position.

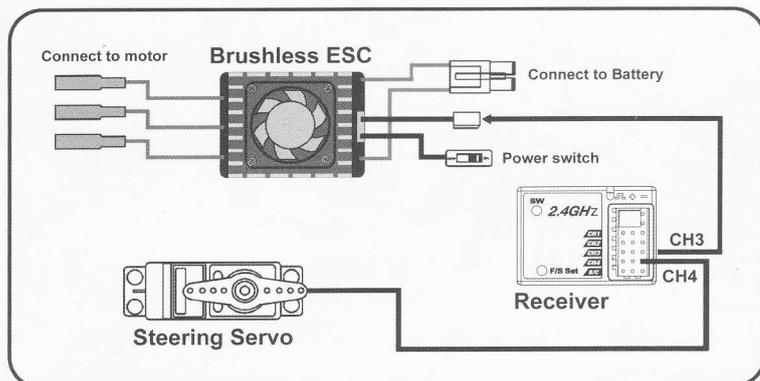
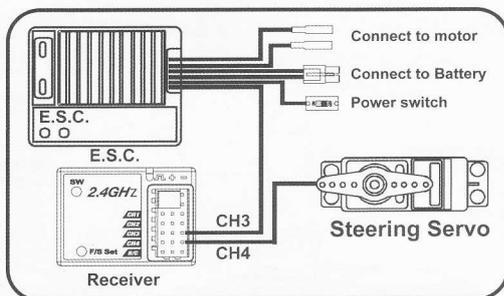
Steering Trim: If the front wheel do not align straight, use the steering trim to adjust.

B. Steering Wheel



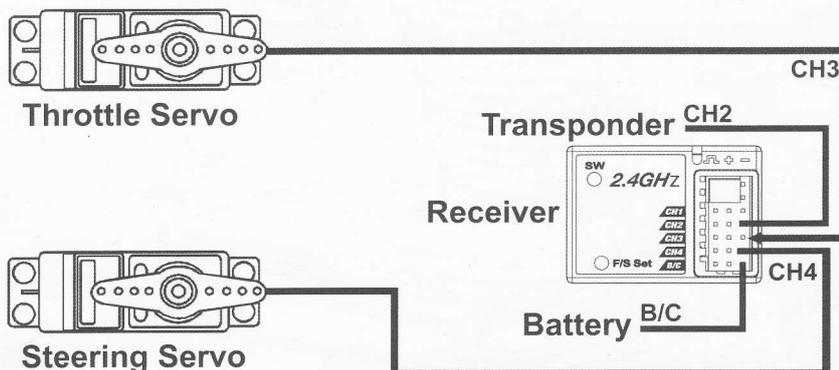
Low battery alarm

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



Receiver and servo connection

Gas powered model



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 position when you are making the setting.

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.

QUICK START GUIDE

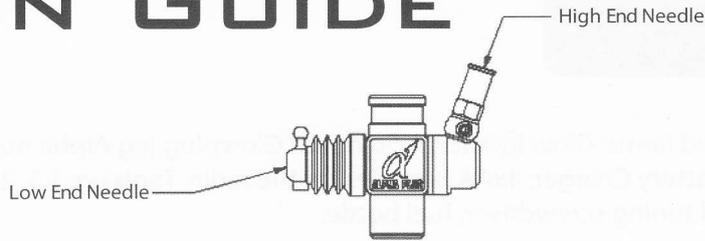
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1. Get THE needed items: Glow Ignitor, A Standard Glowplug (eg Alpha no 3, 4 or 5) (and a spare just in case), Nitro Fuel, Receiver Battery Charger, 4xAA Batteries for the radio, Tools eg. 1.5, 2 and 2.5mm hex drivers, wheel/glowplug wrench, flathead tuning screwdriver, fuel bottle.
- 1,5. Remove the unbelievably cool packaging from around THECar. Be careful not to damage it.
2. Take the lid off the battery box, unplug the battery and plug it into a charger. Charge the receiver pack fully.
3. Oil the airfilter. The cheapest way is to get an airfilter oil bottle meant for dirtbikes. Put the filter in a small plastic bag, pour some oil in and squeeze it into the filter. Leave it in the bag.
4. Apply all the stickers to the body and wing and any other objects. Make your ride look cool.
5. Dry the excess oil from the airfilter by squeezing it in some paper toweling.
6. Put the 4 AA batteries in transmitter, plug in the receiver battery and replace the battery box lid.
7. Switch on the transmitter and then THE Car, check to see that both servos work correctly. Everything should be set at the factory, but if there are problems, here is what you do. If the steering or throttle works backwards, toggle the appropriate rev-nor switch. If either neutral is wrong, so the wheels aren't straight, or the throttle is left open, or the brakes are engaged, set the appropriate trim dial. Finally, check to see that the end points are set correctly. The steering servo should not try to pull further than the wheels turn, and the throttle servo should not try and open the throttle further than it opens, and only brake as much as is needed for the appropriate brake force. Not setting the endpoints correctly will damage your servos! To set the endpoints, turn the appropriate EPA dial. More details in the Radio Manual
8. Fill the fueltank (with fuel).
9. Prime the engine, by covering the exhaust with your finger, and pulling the pullstart (slow way). Buy a small syringe (fast way), take the pressure tube off the pipe, attach it to the syringe, and blow air into it. You will see the fuel move through the fuel line towards the engine. Once it reaches the engine, re-attach the pressure line to the pipe. Cover the engine with a paper towel, and pull the pullstart until fuel starts coming through the glowplug hole onto the paper. Please note, placing the pressure line into your mouth and blowing into it obviously works, but is NOT recommended! Nitro fuel, if ingested causes blindness, amongst other things, and driving an RC Car is hard enough, even with clear vision.
10. Attach the glowplug.
11. Read THE Engine Break In Guide.
12. Actually follow the break in guide.
13. Enjoy

Always use high quality fuel in order to generate good performance of the engine and extend its life. Good lubrication will help all moving parts run smoothly with low wear. Use high quality fuel of nitro content 25%-30%.

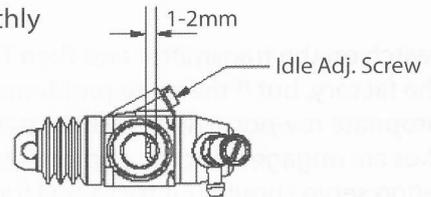
THE BREAK IN GUIDE

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The carburetor is set at the factory. Please follow the below steps to complete the running-in of the engine. After this procedure, you can get the best carburation via adjustments of the top and low end needles.

1. Mount the engine in the car and make sure to set the throttle linkage correctly, so at neutral, the linkage closes the slide all the way.
2. Fill the tank full with fuel. (High quality fuel of nitro content above 16% is recommended.) Attach the glow ignitor and start the engine. If the engine doesn't start, open the throttle about halfway while pulling the cord.
3. Run the engine for 2 tanks at idle, with the wheels off the ground in order to clean the inside of the engine.
4. For the 3rd tank, adjust the idle adj. screw so that the engine is idling smoothly if required. Open the screw for lower idle, close for higher idle. The inlet port of throttle is about 1-2mm open.



5. Run the model at a medium and low speed in a pattern of 8 on flat ground for about 6-8 tanks continuously. Do not accelerate the throttle quickly and excessively. The needle is still set rich at this stage so you can use full throttle, but roll on the throttle smoothly. Pay attention that the temperature is between 90-110°C, measured with an infrared tempgun, from the top of the glowplug. The engine should be running rich, with a lot of smoke from the pipe, and low top speed.
6. Adjustment for use. During the following 3 tanks, start closing the top end needle in small 1/8th turn increments, until the top speed is normal, and the engine revs peak. The temperature should always be below 130°C. Next tune the low end, by slowing to a stop, and letting the engine idle for 10 seconds, then pulling the throttle quickly and accelerating at full throttle. If the rpm:s drop after you stop, (the engine may even stop due to it), or when you accelerate a lot of smoke is visible, and the car accelerates slowly, the low end is rich, and you should close the low end, 1:8th of a turn at a time. If the idle rpm:s rise after you stop, and when you accelerate, the engine bogs before accelerating, the low end is too lean, and you need to open the low end. On a well tuned engine, the idle will remain stable (or only drop slightly) during the 10 seconds, and when you accelerate, the engine rpm will rise sharply, and the car will accelerate quickly with some visible smoke.

To stop the engine, please use a plastic tool handle or the tip of your shoe to stop the flywheel. You can also use a clean and thick rag to cover the exhaust end. However, the latter could cause fuel to build up inside the engine making RTR engines hard to pull start. NEVER stop the flywheel with your fingers.

Maintenance

Each time after use, pour all fuel out of the tank. Fuel remaining inside the engine can cause oxidation and rusting and thus ruin the engine. Therefore, always make sure no fuel left inside the engine, by starting the engine with no fuel in the tank, and letting it idle until it stops.