

INSTRUCTION MANUAL

1/8TH SCALE 4WD NITRO POWER RADIO CONTROLLED OFF-ROAD BUGGY

Specifications:

Length	Width	Height	Wheelbase	Ground Clearance	Gear Ratio	Wheel track	Diameter Of Wheel	Width Of Wheel
490mm	305mm	190mm	320-325mm	30mm	11.71:1	258mm(F) 261mm(R)	115mm	42mm



Notes:

- ⇒ Read and understand the instructions carefully before operating or assembling your racing model.
- ⇒ Specifications are subject to change without prior notice, and actual received model may vary from the images and/or descriptions in this manual.

NEW



Introducing this 1/8th scale buggy...

FEATURES

1. Four Wheel Straight Shaft Drive System
2. Double-head Assembly Lever With Reverse Teeth Provides good stability and smooth movement.
3. Good Quality Umbrella Teeth
4. 6061/T6 Solid Anodized Aluminium Upper Deck
5. Solid Universal Joint Cup/Good Quality Ball Bearings
6. Fluorescence Wheel Rim With Five Built-in Bars
7. Good Quality Solid Alum. Chassis
8. All Plastic Parts provided with Hard Plastic Materials
9. Disc Brake System Provide Good Brake Response
10. Low Gravity Chassis With Small Differentials For Easing up The Whole Vehicle Weight
11. Extra Large Capacity Leak Proof Fuel Tank With Overflow Pipe And Spring Loaded Cover
12. 6mm Rear Anti Roll Bar & Compact Battery /Receiver Box
13. Aggressive tread Tyres Provide A Long Service Time
14. Oil Filled Shock Absorbers/Extra Large Heat Sink Providing Quick Engine Response.



4WD Suspension System



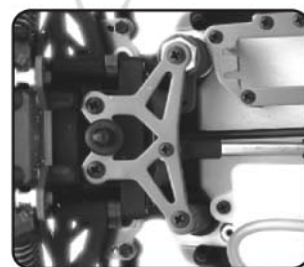
Front Suspension & Steering Linkage/Shock Absorber



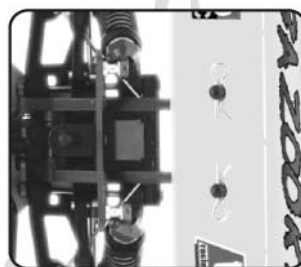
Rear Anti Roll Bar/Rear Upper Bar/Rear Lower Arm



Extra large fuel tank with spring load fill cover is perfect for re-fueling.



Alum. steering top plate provides good stability for steering system



Solid wing stay and mount / stylish buggy wing with decals

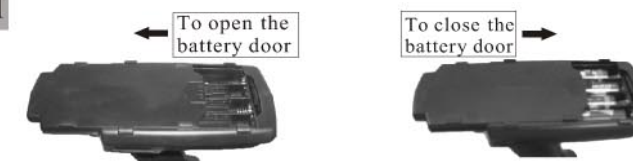
The following accessories are for optional purchase to facilitate your operation.

 70110-Starter Box	 70111-Power Starter 11011-Drill Holder A (small) 11012-Drill Holder B (big) 11020-Drill Holder C (7cpx Engine required)	 70116-Works Stand	 80142-Start Kit Box	 80107-Nut Head Screwdriver 80109-Philips Screwdriver 80108-Standard Screwdriver
 80102-Glow Plug Igniter (metered & w/Charger)	 80103-Glow Plug Igniter (1.5V alkaline battery, 1.2V 1800mAh Ni-Mh)	 80105-Shell Reamer	 80106-Scissors	 80215-Cylinder Valve Lock Set
 70117-Glow Plug (No.3 Hot) (No.4 Medium)	 02156-Fuel Filter(Al.)	 80211-Ball head screwdrivers (2mm,2.5mm,3mm)	 80118-Fuel Filter(Al.)	 80212-Spring Clasp Set
			 80213-Socket head screwdrivers (5mm,5.5mm,7mm,8mm)	 80214-New style 4-way wrench

Note: Actual received tools may vary from the images.

Use the transmitter to control your model

Installing the batteries to the transmitter
The battery door is located on the bottom of the transmitter.



Notes:

1. In order to keep good performance under operation, we warmly recommend you to use the 1.5V alkaline batteries instead of the 1.2V chargeable batteries.
2. The batteries may leak in the event that they are installed with wrong polarities. Do not use the batteries of different types. Do not mix the old and fresh batteries.

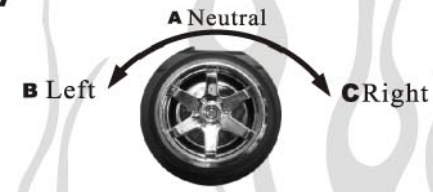
The function parts/switches on the transmitter



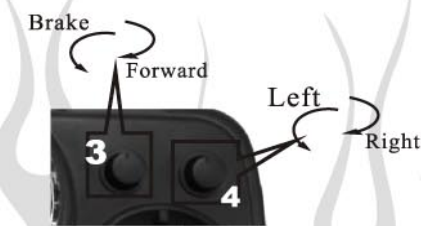
1. Antenna
2. Throttle Trim
3. steering Trim
4. Crystal
5. Throttle Trigger
6. Power Switch
7. Working Indicator
8. Steering Reverse Switch
9. Throttle Reverse Switch
10. Steering Wheel



- 1. Throttle Trigger**
1. Push the trigger forwards to allow the vehicle to speed down to brake.
2. Pull the trigger backwards to allow the vehicle to go forward and speed up.



- 2. Steering Wheel**
Turn the steering wheel to the left or right to let the vehicle turn left or right.



- 3. Throttle Trim**
Throttle Trim is used to slightly trim the throttle servo when the trigger is at Neutral position.
- 4. Steering Trim**
Steering Trim is used to slightly trim the front wheels steering. Note: If the front wheels are not straight when the trigger is set at Neutral position, you can adjust the steering inching control to make them straight.

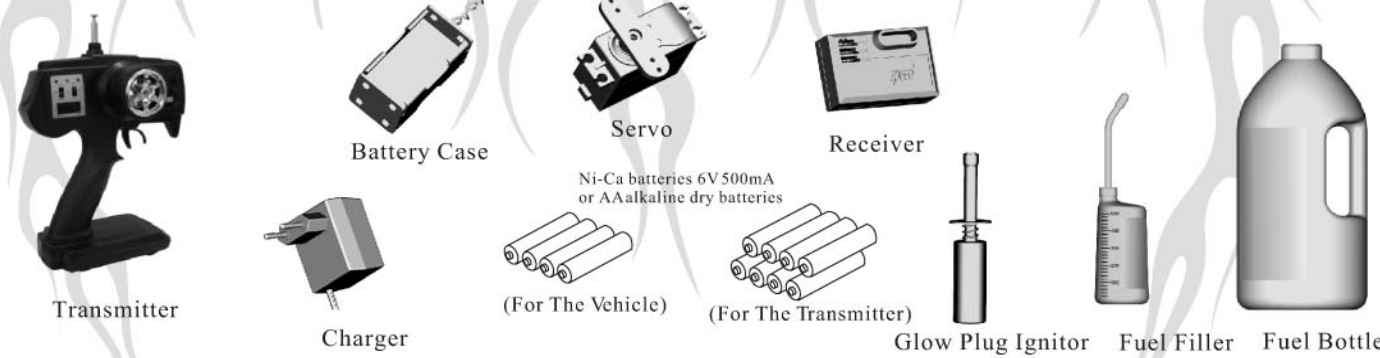
- 5. Steering/Throttle Reverse Switch**
If you are a reverse operator, set the steering/throttle reverse switch to REV. Position first.

Notice before assembly

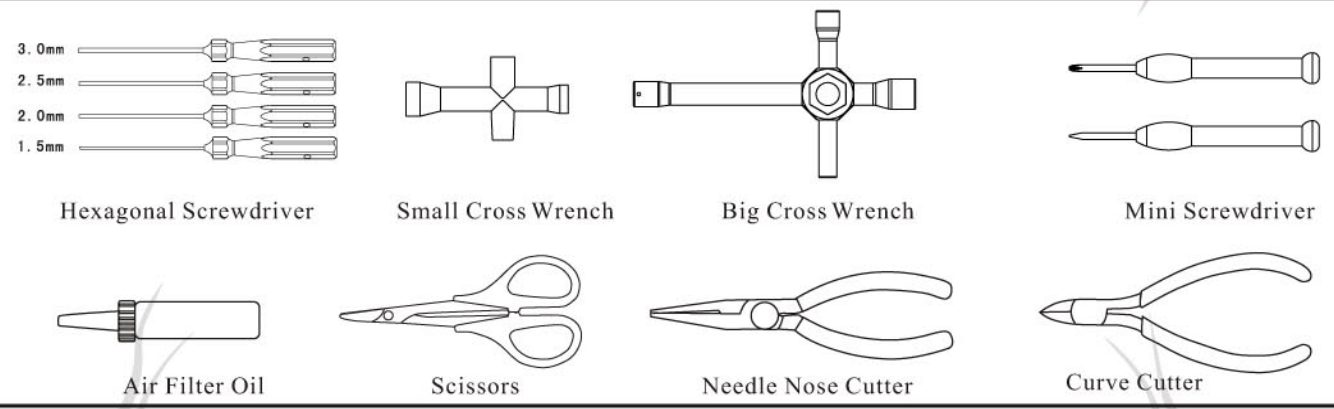
The following items (not supplied in this kit unless specified) are required for assembling your vehicle and are available in the local hobby shops. Please read this manual completely before assembling or operating your vehicle.

Note: The engine should be adjusted properly in IDLE mode before operating your vehicle. Otherwise, the life and performance will be affected.

Important Items For Running Your Model

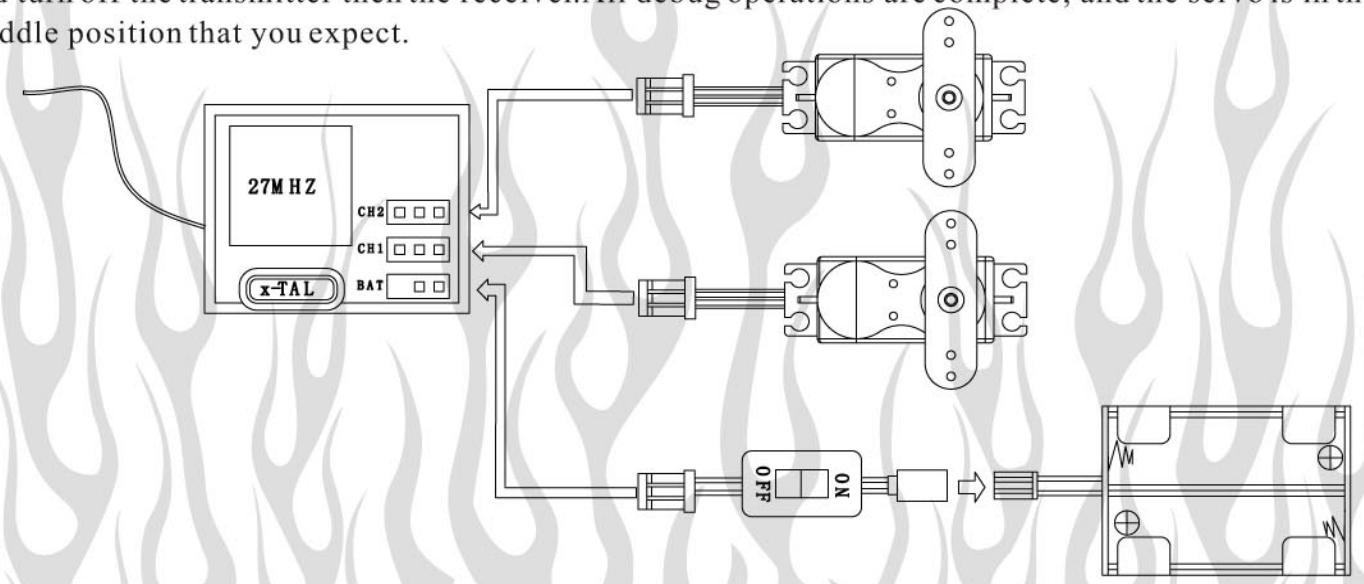


Tools Needed To Maintain Your Model



2-Channel Radio Transmitting System

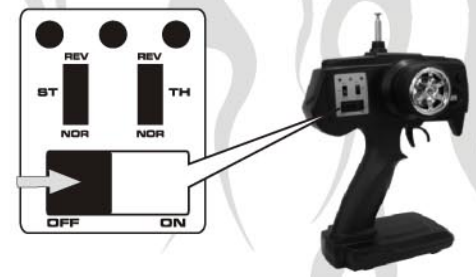
Please read the instructions for the radio system carefully before running your car. The servo is required to be set at Center position before starting assembly. To set the servo at the Idle (Neutral) position switch on the transmitter and receiver. Allow the servo trim arm at Center position, and turn off the transmitter then the receiver. All debug operations are complete, and the servo is in the Middle position that you expect.



Pre-Run Check

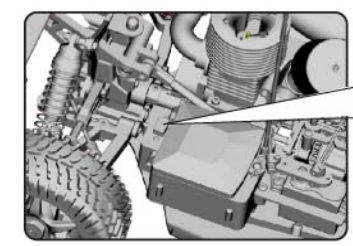
Please check your model before driving each time.

1 Transmitter Switches



Caution!
Make sure the antenna is fixed tightly. Otherwise, the transmitter may be out of control. Please extend the antenna fully when using.

2 Chassis Switch



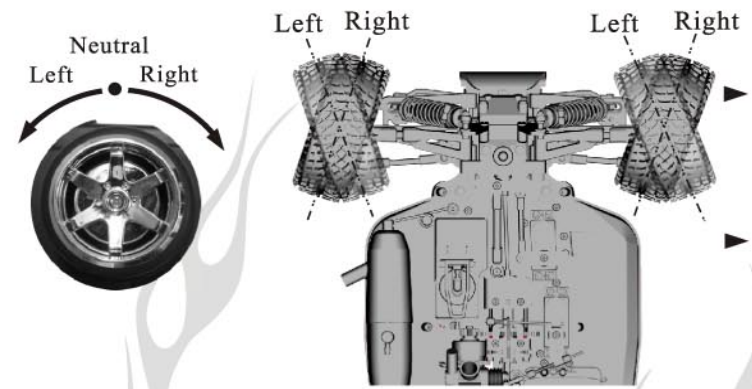
Turn on the chassis switch.

3 Check Steering Performance

Gently lift up the front wheels while adjusting the steering trim.



Operate the steering wheel to check if the front wheels move correctly.



The front wheel movement is controlled by the steering wheel. For instance: If moving the steering wheel to the left, the vehicle front wheels will also turn left.

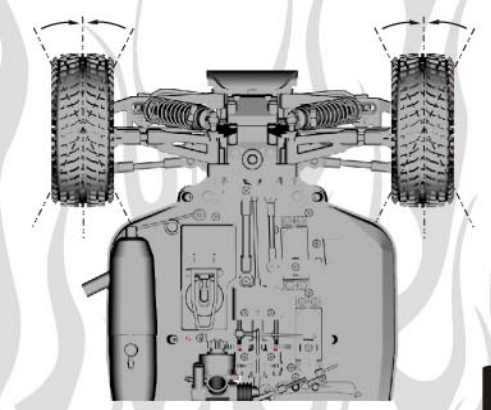
When the moving direction of the wheel is opposite to the above mentioned. Change the Steering Reverse Switch position.

4 Steering (Steering Trim Setting)

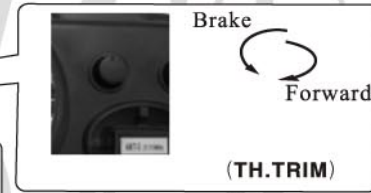
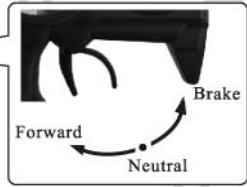
Gently lift up the front wheels while adjusting the steering trim.



Gently adjust the steering trim in case that the front wheels fail to remain aligned when the steering wheel is set at Neutral position. Re-adjust when running.

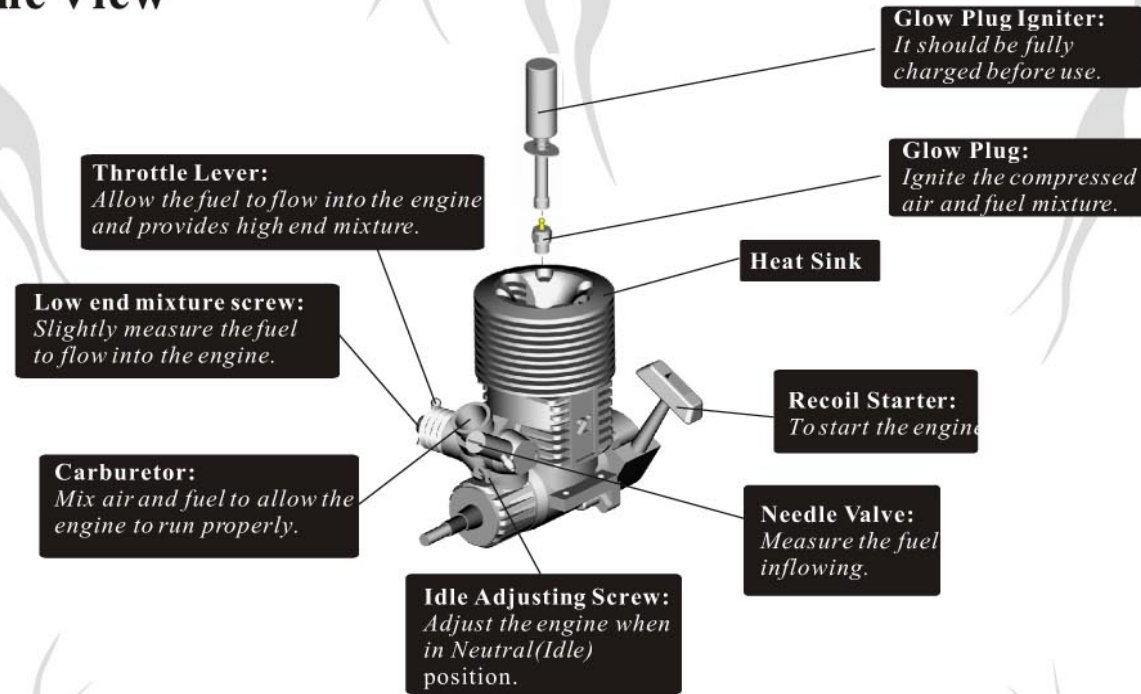


5 Throttle(Throttle Trim Setting)



Gently adjust the throttle trim to permit your car to brake or go forwards slightly.

Engine View

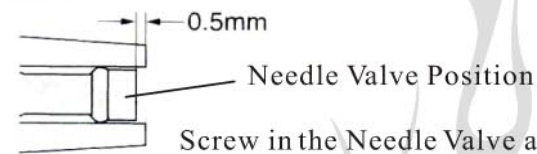


The engine includes many high-precision parts. The original performance may be reduced due to incorrect operation or assembly and disassembly.

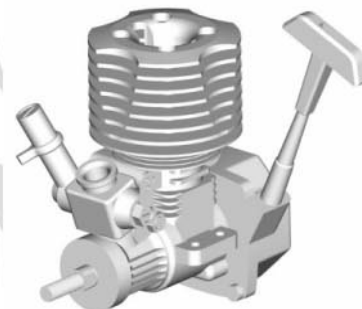
Adjust the needle valve

1 Gently screw in the needle valve (clockwise rotation)

2 Refer servicing to the instruction manual unscrewing the needle valve(Anti-clockwise rotation)



Screw in the Needle Valve about 0.5 mm as shown in the figure.

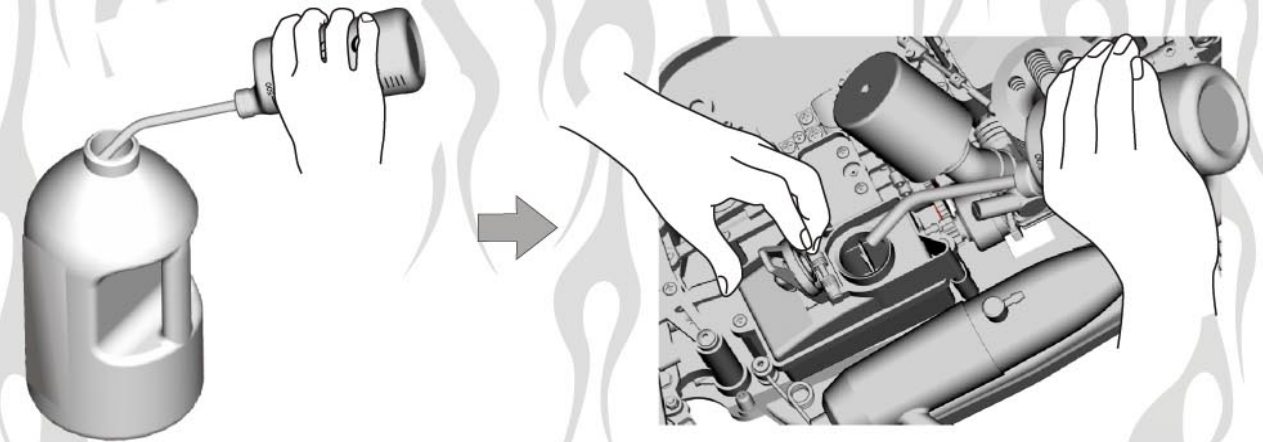


Check the following before running your model.

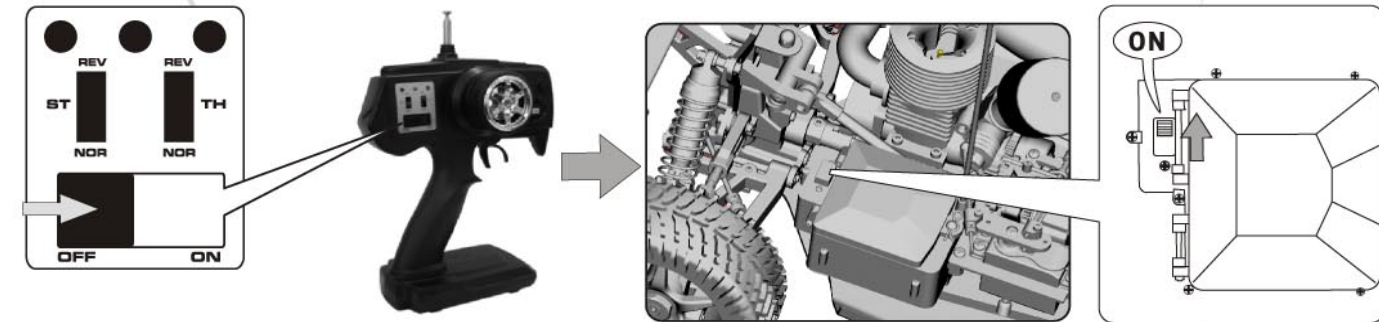
- Ensure all screws are securely tightened.
- Ensure all moving parts move without binding. Are they greased for non-binding movement?
- Install an air filter . Ensure it is clean and not clogged.
- Ensure the fuel lining is airtight and has no cracks. Ensure it is not clogged.
- Ensure the muffler and exhaust are damage-free.
- Ensure the radio batteries are fresh. Are they securely installed?
- Ensure servos and linkages move without binding.
- Ensure the area of operation is safe.
- Ensure nobody is on your frequency at the same time.

To start the engine

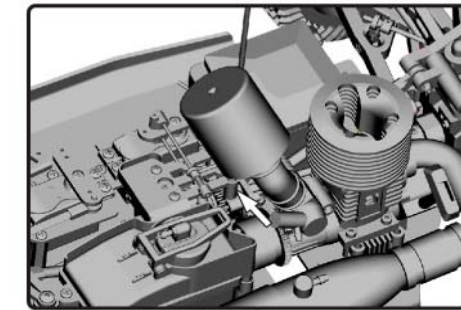
1 Fill the fuel tank with fuel



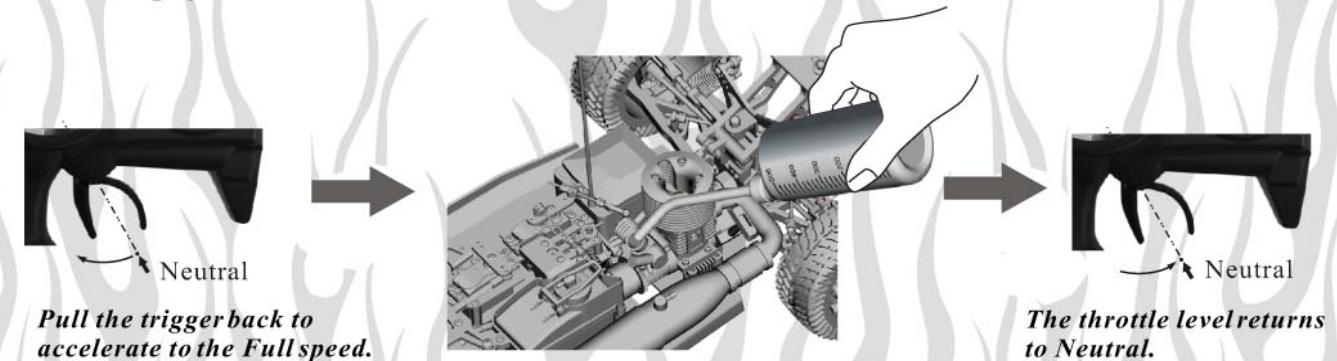
2 Switch on the transmitter ,then the receiver.



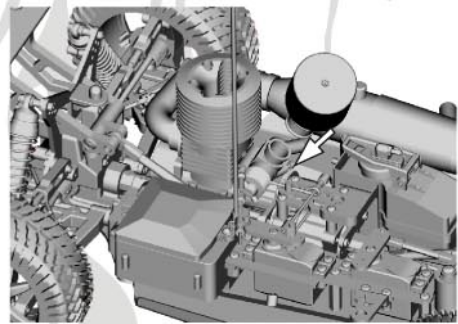
3 Remove the air filter.



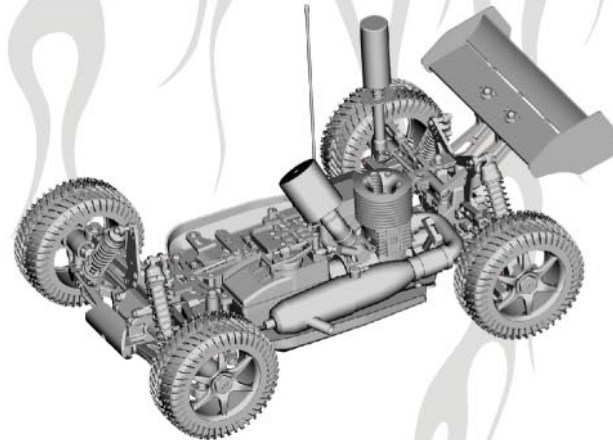
4 Open the throttle fully, and flow 2~3 drops fuel into the carburetor.



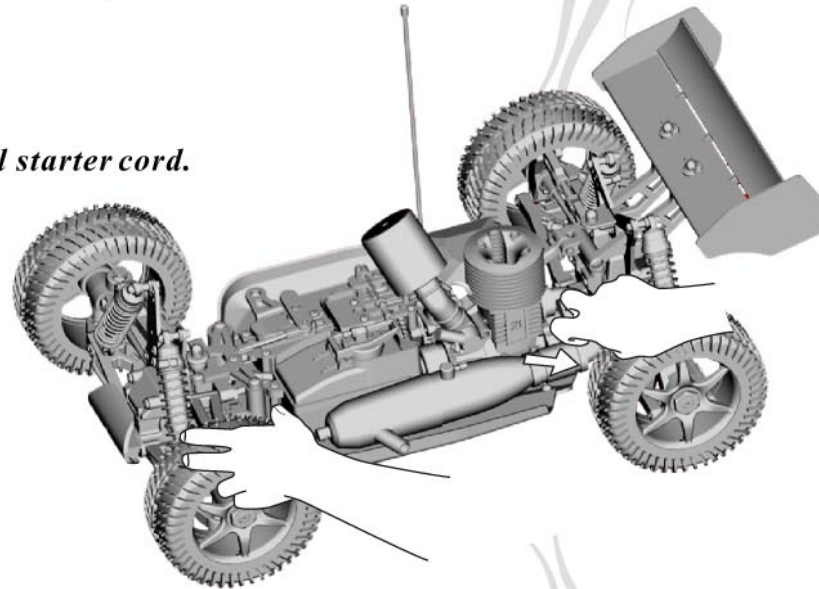
5 Attach the air filter



6 Connect the glow plug igniter to the engine and use it to excite the engine.



7 Hold the car securely pulling the recoil starter cord.

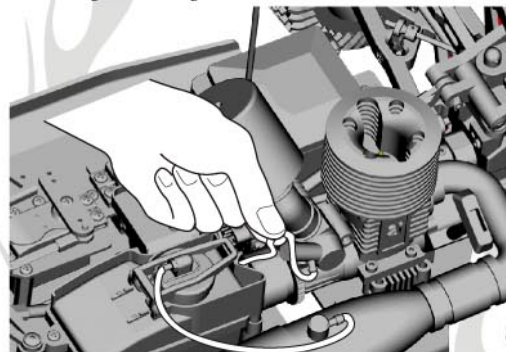


! Caution!

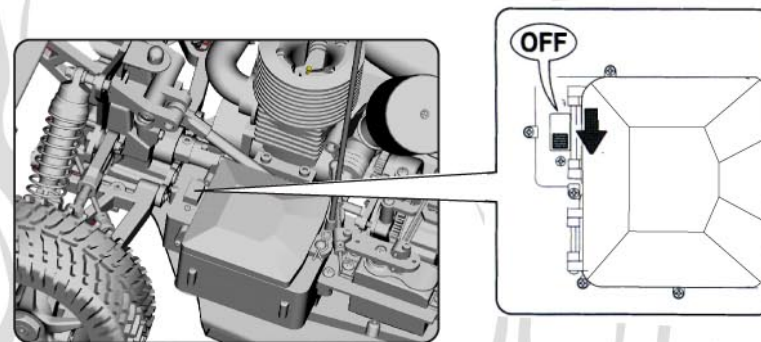
► **To avoid damage, never force hard to pull the starter cord.**

STOP RUNNING THE ENGINE

1. Pinch and hold the fuel pipe by your fingers or other tools to disallow the fuel to flow in.

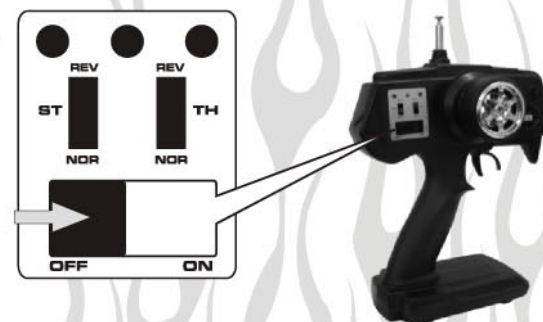


2. Turn off the receiver then the transmitter.



! WARNING

The engine, exhaust manifold and the tune-pipe are hot after running your vehicle and can burn your fingers. Do not touch any of these components immediately after operating your vehicle; Permit them to cool down before.



Troubleshooting no-start condition and engine performance.

Probable causes

Solutions

The engine is flooded.

Remove glow plug. Crank flooded engine several times to evacuate excess fuel. Do not place yourself over the glow plug hole, fuel may splash or flow when cranking.

Engine can be cranked but will not start.

Is glow fuel reaching carburetor?

Add 2-3 drops of glow fuel directly in carburetor.

Is idle adjustment set properly? Remove air filter to verify.

Adjust opening with screwdriver. (1mm or 0.33")
Replace air filter before starting.

Verify if glow plug is working.

If element does not glow verify glow stick.
If in doubt replace glow plug.

Miscellaneous

Cold outside temperature.

Screw in the needle valve at 60 degrees, and warm up the engine.

Engine is overheating.

Permit engine to cool down then gently unscrew the needle valve at 60 degrees and re-startup the engine.

Carburetor is blocked dirty.

Clean with automotive parts cleaner.

Air filter is blocking air passage.

Clean air filter element or replace air filter element.

Engine performance is affected.

Verify fuel lines, glow plug, adjustments and correct.

BREAK IN

Many hobby type glow engines require a break in period to provide final adjustment of internal parts after manufacturing. This procedure is required and must be completed by you/the user. To prevent excessive initial wear on internal engine parts a rich air/glow fuel mixture is required to perform your engine break in.

! Caution Running the engine in high rpm is not allowed. It may severely damage your engine.

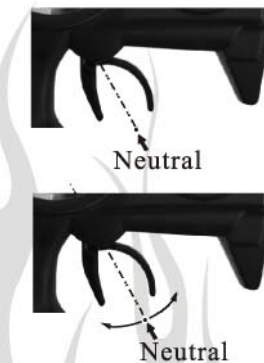
1 Follow the instructions starting the engine.

► **Test your car running response with your transmitter**
Push the throttle trigger forwards to speed down and brake.
Pull the throttle trigger backwards to speed up.

2 Idle Adjusting Screw Adjustment

► For the inertia from great movements, the car will not stop running immediately as soon as the throttle control is released and set to Neutral position.

3 Perform the engine Break-In process. Do not screw in the needle valve further when the engine becomes overheated.



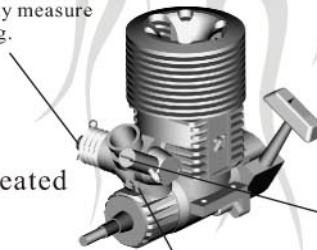
The engine stalls.
Screw in 1/8~1/4 turn

The car rolls forward.
Unscrew in 1/8~1/4 turn

4 Allow the engine to consume 2-3 tanks of fuel to complete Break-in process.

5 The needle valve should be unscrewed between 1 and 1/2 turn from its Close position to provide engine normal running. In the event that you screw it further in, engine will become overheated and normal performance will be compromised.

Inching Adjusting Screw: (Assistant Needle Valve)
Inching and subtly measure the fuel inflowing.



Needle Valve:
Measure the fuel inflowing.

Idle Adjusting Screw:
Adjust the engine when in Neutral(Idle) position.

Engine Adjustment

● Follow the instruction **1** and **2** once the Break-in process is completed.

1 Needle Valve Adjustment(Maximum Rpm Adjustment)

- 1** Start the engine to run your buggy.
- 2** Measure the current running speed when the car is running straight with the throttle control set to High. The speed will go up when you screw in the needle valve at an angle of 10 or 20 degrees.
- 3** Once you continue to screw the needle valve further in, the engine will become overheated and subject to damage. If it is the case, immediately unscrew the needle valve at an angle of 10 or 20 degrees to allow the engine to return to normal running response.

► To accelerate from Low Speed position.

Verify engine performance after start up. Pay close attention to exhaust smoke and engine sound.

Slow engine response is due to an over rich condition. Lots of smoke and popping sound from exhaust are observed.

Air and fuel mixture is too heavy. Screw in the needle valve at the angle of 30 degrees. (Clockwise)

Hesitation from idle to mid throttle is due too a lean condition. Almost no visible smoke is observed and engine may quit for no apparent reason.

Air and fuel mixture is too light. Unscrew in the needle valve at the angle of 30 degrees. (Anti-clockwise)

2. Idle Adjusting Screw

Idle adjusting screw is used to measure the air and fuel mixture to flow into the carburator when the engine is at Idle position.

Engine Maintenance

1. Empty fuel tank and fuel lines before storing vehicle.
2. Use premium " After Run Oil" this lubricant is utilised for storing your engine
Observe manufacturers instructions.
3. Remove all dirt and debris from vehicle with small brush (tooth brush) and/or with compressed air (observe proper personal security when operating air equipment)
4. Inspect and adjust all moving parts for excessive play, if adjustment cannot remove all excessive play observe part integrity and replace if required.
5. Proper lubrication of all bearings and moving mechanism is necessary for proper operation.
6. Disconnect and inspect batteries for leakage, recharge as required, do not store vehicle with batteries in unit for prolonged periods.
7. Operating radio controlled devices in wet/damp conditions is not suggested, vehicle may lose traction abruptly, and vehicle may observe water infiltration in receiver compartment or in servos and loss of control of vehicle is imminent.

ISSUES	REASONS	SOLUTIONS
THE ENGINE FAILS TO START.	<ol style="list-style-type: none"> 1. The fuel tank is empty or the carburetor is not primed properly. 2. The glow plug is bad or the batteries are dead. 3. The fuel lines, the air filter, or the muffler is clogged. 4. The engine is over-flowed. 5. The carburetor is not adjusted properly. 6. The servo linkage is not adjusted properly. 	<ol style="list-style-type: none"> 1. Fill the fuel tank up or prime the throttle. 2. Replace the glow plug or charge the batteries. 3. Clean or replace the clogged part(s). 4. Remove the glow plug and discharge fuel. 5. Set the Needle Valve/low end mixture Screw and the Idle Adjusting Screw to the idle position. 6. Set the servo to idle position then re-adjust it.
THE ENGINE CAN START BUT STALL IMMEDIATELY.	<ol style="list-style-type: none"> 1. The fuel tank is empty. 2. The fuel lines, the air filter, or the muffler is clogged. 3. The carburetor is not adjusted properly. 4. The engine is over-flowed. 	<ol style="list-style-type: none"> 1. Fill up the fuel tank. 2. Clean or replace the clogged part(s). 3. Re-adjust the Idle Adjusting Screw and the Needle Valve/low end mixture Screw. 4. Allow the engine to thoroughly cool down and turn the Needle Valve open at the angle of 30 degrees.
POOR REACTION RESPONSE ON THE ENGINE.	<ol style="list-style-type: none"> 1. The carburetor is not adjusted properly. 2. Low fuel pressure level was found on the muffler. 	<ol style="list-style-type: none"> 1. Re-adjust the Needle Valve//low end mixture screw. 2. Install the pressure line from the muffler to the fuel tank correctly.
THE VEHICLE BECOMES DIFFICULT TO CONTROL.	<ol style="list-style-type: none"> 1. The batteries on the transmitter/receiver are weak. 2. Radio antenna performs bad receptions. 3. The servo linkage is not adjusted properly. 	<ol style="list-style-type: none"> 1. Replace or charge the batteries. 2. Extend the transmitter antenna fully to obtain better receptions. 3. Set the servo to idle position then re-adjust it.

Important Safety Information

- Always run your vehicle after the shield shell is mounted.
- Do not abruptly alter the speed during running.
- Do not run your vehicle around crowded people.
- Carefully check whether all screws or nuts are loose or not after running.
- Handle the fuel ONLY OUTDOORS!
- Never measure the fuel close to open fire or any source of heat.
- Never run the vehicle without a clean air filter installed.
- Do not run the model lean and do not allow the engine to overheat.
- Use the special fuel for models.
- Do not drink fuel or allow it to get into your eyes.
Store fuel in cool, dry and dark places away from CHILD!
- Tight up the cap of the fuel bottle when not used.
- Never throw the empty fuel bottle into fire! Otherwise, it may explode.
- Do not put your finger or any object into the rotating or moving parts.
- To avoid the danger of burn, do not touch the engine and muffler immediately as soon as they are stopped running.
- Always check transmitter battery power. You may lose of control of your model due to low battery level.
- Never operate your model at the same frequency with someone else. Failure to do so will casue singlar confusion or even accidents.
- In the event that the model behaves abnormally, stop running it and check.
- The model is not allowed to be used until all problems have been settled.
- Use the neutral cleaner and soft clothes to clean the model surface.

The surface on this buggy would never fail to become dirty after used for a long period of time. In order to remain its better performance and prolong the service time, you are required to maintain your buggy properly and cleanse it at all times.



CLEAN SOLVENTS/TOOLS
The following are recommended to clean your buggy.
1. Neutral Cleaner
2. Alcohol
3. Lubricants such as WD-40 etc.
4. Cleaning Air Ball
5. Sponge
6. Soft Dry Cloth or Brush

■ Cleaning the panel and tyres



Use the neutral cleanser and the soft sponge to cleanse and wipe off dusts on the panel carefully and do not damage the decals on the surface.



The strong cleanser or alcohol is not allowed to clean the panel. Otherwise, the panel colour may fade. Please use the neutral cleanser.

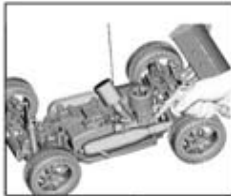


Use the household sponges or the soft cloth and the brush to clean the tires.



Check and test the tires carefully after rough driving. Stick the instant adhesive if the rubbers on it peel away.

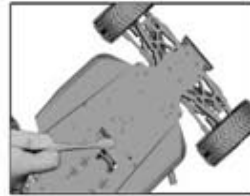
■ Cleaning the chassis



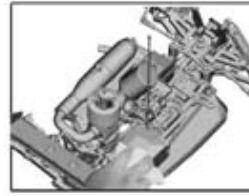
Use the recommended sprayer to clean the dust on the surface after this model drives a long time.



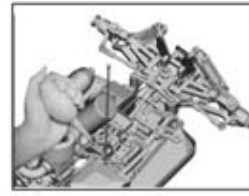
Use the cleaning spray or the cotton swab or the teeth brush dipped into with a few alcohol to clean the spotted place. Spray off water drops with the sprayer after cleaning.



Use the teeth brush to cleanse the dirty corners on the chassis and the linkage or on the shaft as well as on the suspension arms.



Use the teeth brush to cleanse the dirty corners on the chassis or the linkage or the shaft as well as on the suspension arms.



If the air sprayer is not available, you can use the air cleaning ball instead. Always oil the driving parts after cleaning. Otherwise, they may become rusty.

■ Detachment and Maintenance Service for the Engine



Engine maintenance service is not more difficult than you expected. Flow the maintenance oil into the air inlet. Start the engine by pulling the starter lever, flowing the oil into the engine.















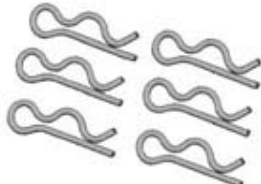











Oil the clutch bearing. Slightly rotate the bearing to have it fully oiled.



Always check the air filter, and clean the air filter when it is dirty. Replace it when it is quite dirty or is not worth cleaning.



Please secure the main body carefully by the lock screws when you attach the parts on it. Always check the parts which are subject to move.

81001-Centre Diff. Plate 	81002-Rear Shock Absorbers 	81003-Front Shock Absorbers 	81004-Rear dogbones 
81005-Centre Diff. Dogbones (front +rear) 	81006-Rear Shock Tower 	81007-Front Shock Tower 	81008-Front Steering Plate 
81009-Radio tray 	81010-Steering Ackerman 	81011-Wheel Hex. Mount 	81012-Exhaust Pipe Springs 
81013-Body Clips 	81014-Battery/Receiver Case Clips 	81015-Brake Cam Shafts 	81016-Diff. Case +shim 
81017-Centre Diff. Gear Joint Cups+ pins(2.6*14) 	81018-Rear Axles 	81019-Main Gear 	81020-Clutch Bell 
81021-Drive Gear Joint Cups 	81022-Steering Hubs 	81023-Universal Dogbones 	81024-Clutch Shoes+ Springs 

OFF-ROAD BUGGY SPARE PARTS

OFF-ROAD BUGGY SPARE PARTS

81025-Drive gears



81026-Driven Gear



81027-Brake & Throttle Assembly



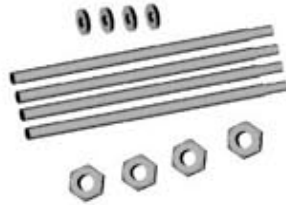
81028-Brake Discs



81029-Fuel Tank



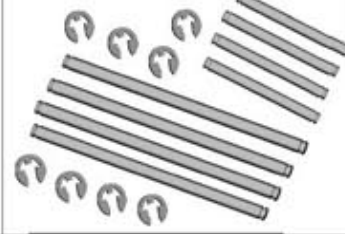
81030-Shock Shafts/ Nuts



81031-Rear AntiRoll Bar + Mount



81032-Lower Arm pins+E-Clips



81033-Chassis



81034-Tyres



81035-Wheels Complete



81036-Wheel Rims



81038-Body(PVC)
81038A-Body(PC)



81039-Metal Clutch Bell(14T)



81040-Flywheel(AL.)



81041-Fuel Tubes



81042-Pinions Complete



81043-Air Filter Assembly+zip ties



81044-Filter Foam



81046-Engine Bottom plates(AL.)



81047-Engine Mount (AL.)



81048-Front and Rear Braces



81049-Servo Switch Housing



81050-Centre Diff. Mount



81051-Buggy Wing



81052-Right/left Stone Splash Guard



81053-Rear Uprights



81054-Front Bumper



81055-Battery/receiver Case



81056-Rear Lower Suspension arms



81057-Gear Box



81058-Lower Suspension Arm Holder



81059-Shock Absorber Caps



81060-Front Lower Suspension arms



81061- Wing Braces+ Mounts+wing post



81062-Steering Mount



81063-Steering Arm Assembly



81064-Front Upper Arm



81065-Radio tray Mount Assembly



81066-Front/rear reinforcement link



81068-Front / Rear Upper Arm



81069-Washers Complete



81070-Bearings Complete (10*5*4) & (16*8*5)



81071-Exhaust Pipe Mount +Spring



81072-Pinion Joint Cups



81082-Exhaust Pipe /Spring






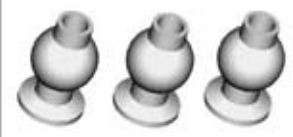


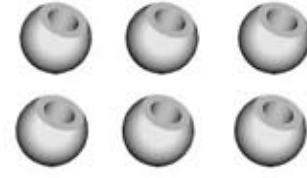
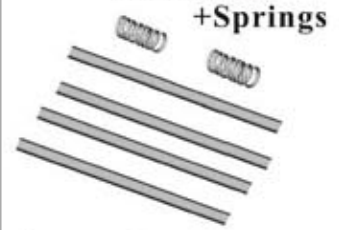

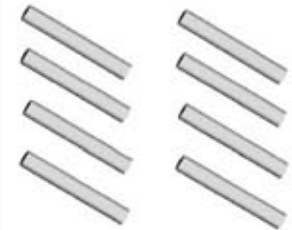



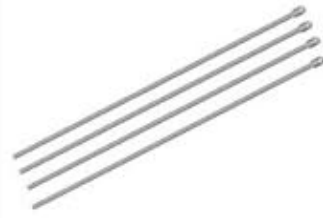


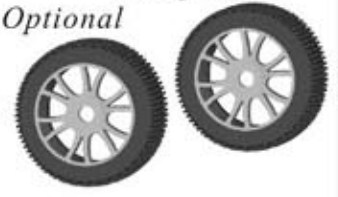







81201-Shock Ball Holders




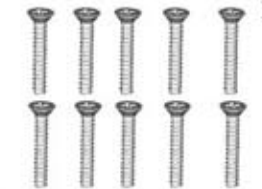


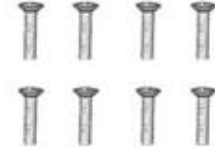














81203-Engine Nut+pad



OFF-ROAD BUGGY SPARE PARTS

81204-Steering Linkages 	81205-Shock Boots 	81206-Tyre Insert Sponge 	81207-Universal Joint Balls 
81208-Rear Upper Arm Balls 	81209-Steering Balls 	81210-Shock Balls 	81211-Front Lower Arm Axles +Springs 
81212-Wheel Hex. Nuts 	81213-Axles 	81214-Diff. Axles 	81215-Shock Washers 
81216-Diff. Washers 	02057-Antenna Pipes 	81222-Clutch Springs 	85732-Wheel Rims <i>Optional</i> 
85746-Wheels Complete <i>Optional</i> 	85728-Tyres <i>Optional</i> 	81220-1 Countersunk Self-tapping screw 3*10 10P 	81220-2 Countersunk screw 3*6 8P 
81220-3 Countersunk screw 3*10 4P 	81220-4 Countersunk screw 3*12 4P 	81220-5 Countersunk screw 3*14 4P 	81220-6 Countersunk screw 3*16 4P 

OFF-ROAD BUGGY SPARE PARTS

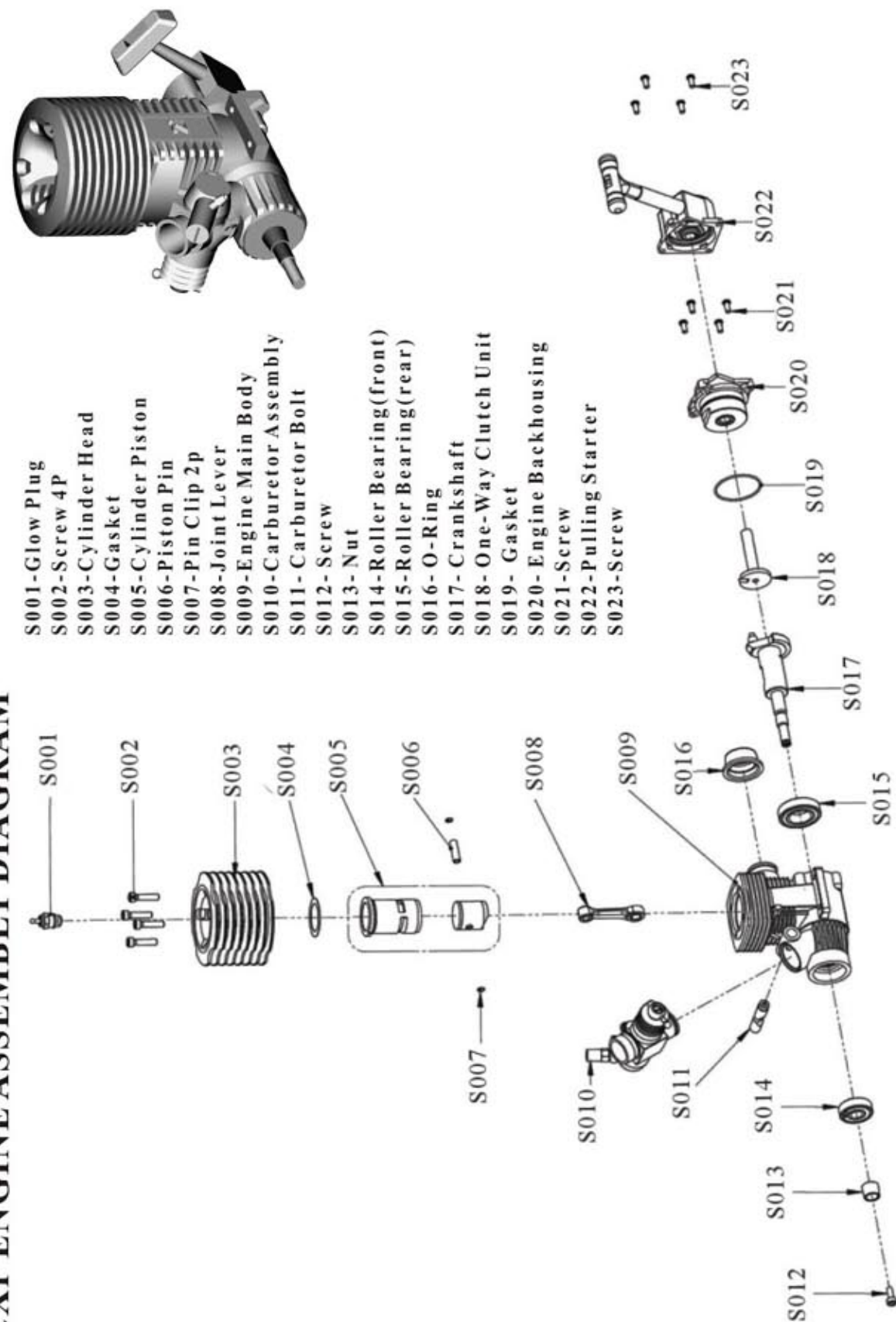
81220-7 Countersunk screw 3*18 4P 	81220-8 Countersunk self-tapping screw 4*20 10P 	81220-9 Countersunk self-tapping screw 4*25 4P 	81220-10 Countersunk Hex. screw 4*20 8P 
81220-11 Countersunk screw 4*6 8P 	81220-12 Countersunk screw 4*10 8P 	81220-13 Cap head self-tapping screw 3*10 13P 	81220-14 Cap head self-tapping screw 3*12 8P 
81220-15 Cap head self-tapping screw 3*16 8P 	81220-16 Cap head self-tapping screw 4*14 4P 	81220-17 Cap head self-tapping screw 4*25 6P 	81220-18 Cap head screw 3*14 6P 
81220-19 Cap head screw 4*12 5P 	81220-20 Cap head screw 4*10 9P 	81220-21 Cap head screw 4*20 6P 	81220-22 Cap head Hex. screw 3*14 4P 
81220-23 Column head Hex. Screw 3*20 6P 	81220-24 Column head Hex. Screw 3*14 4P 	81220-25 Column head Hex. Screw 3*25 4P 	

OFF-ROAD BUGGY UPGRADABLE PARTS

81601-Front Body Post (Al.) 	81602-Front Shock Tower(Al.) 	81603-Rear Shock Tower(Al.) 	81604-Front Upper Arm Holder (Al.) 
81605-Rear Upper Arm Pad(Al.) 	81606-Tail Wing Adjustor Mounts*2 	81607- Rear Post(Al.) 	81608-Rear Upper Adjustable Arms*2 
81609-Front Upper Adjustable Arms*2 	81610-Rear Wheel Holders*2 	81611-Tail Wing Pad 	81612-Metal Wheel Rims 
81613-Rear Lower Suspension Arms*2 	81084-1/8 28CXP Exhaust Pipe 	81202-Clutch Shoes (Metal) 	83012-Engine (Japan 27CXP&Taiwan28CXP) 
83014-Ni-MH Battery 6V 1100mAh 	83015-Servo(9KG) 	02071-Receiver 	81039A-Metal Clutch Bell(15T) 
81039B-Metal Clutch Bell(16T) 	81614-Steering Plate 	81615-Upper Deck 	

This optional upgradable part list is subject to change!

21CXP ENGINE ASSEMBLY DIAGRAM



EXPLODED VIEW

