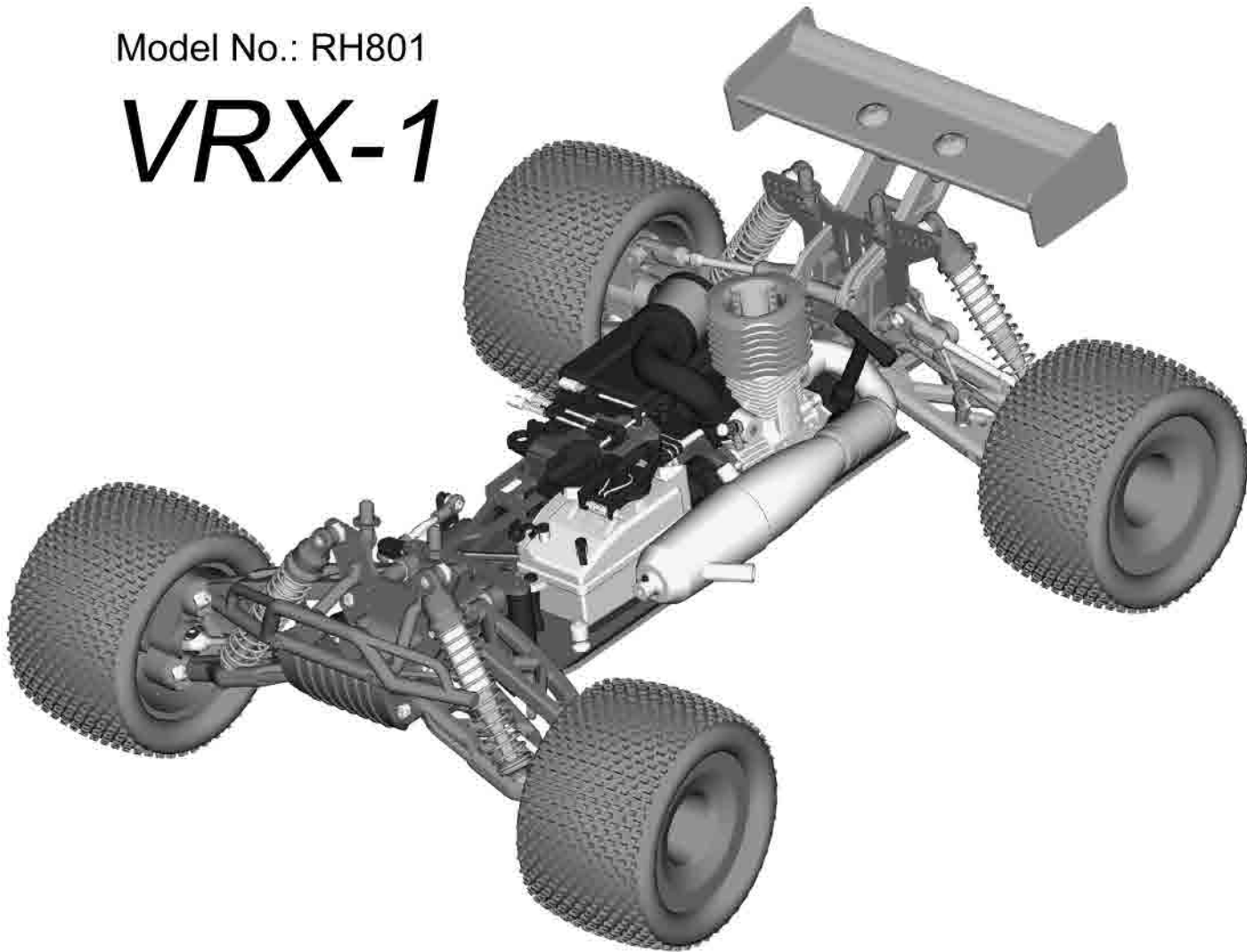


Instruction Manual

1/8 SCALE 4WD RADIO CONTROLLED
NITRO POWERED TRUGGY

Model No.: RH801

VRX-1



Note:

- ▶ This radio controlled racing model is not a toy. It is suited for experienced operators.
 - ▶ 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.
-

Introduce your model...

Congratulations on your purchase of this racing model. This model represents a new generation of 1/8 scale off-road buggy.

This manual contains all the basic instructions for assembly, operation, and maintenance. Please read and understand all instructions thoroughly before operating and building your model.

Good luck and much enjoyment from running your model.

Features:

- Easy changeable wheelbase and vehicle body width
- Suspensions provide quick multi-angle changes to permit the vehicle to perform on racing track.
- Easy and quick user serviceable installation
- Four disc brake system
- Powerful shock protection performance
- Machined steel spur gear, crown gear and clutch gear and solid differential gears
- Three differentials and four wheel drive system
- Blacked universal joint, dogbones and fully ball bearings
- Solid 6061/T6 anodized alum. chassis
- Lightweight engine flywheel & solid universal joint cup
- Good quality wheel rims & cube-nailed tread tyres providing a long period of service
- Flexible plastic parts & high foam element air filter sponge
- Front/rear metal sway bar system
- Leak proof fuel tank with the long overflowed pipe
- Oil filled shock absorber
- High impact durable lexan body

Technical Data:

Overall Length.....	550mm	Weight.....	4.5kgs
Overall Width.....	440mm	Gear Ratio.....	1:12.83
Height.....	205mm	Wheel Diameter.....	140mm
Wheelbase.....	365mm	Wheel Width.....	81mm
Front Wheel Track.....	359mm	Ground Clearance.....	42mm
Rear Wheel Track.....	359mm		

These data are subject to change without prior notice as a result of our Product continual improvement.

Important Safety Precautions

This is a high performance radio controlled model which needs to be operated with caution and common sense. Failure to follow the safety instructions could result in personal injuries and/or property damage.

- Always run your vehicle after the body 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 damage of burn, do not touch the engine and muffler immediately as soon as they are stopped running.
- Always check battery power. You may lose control of your model due to low battery power.
- Never operate your model at the same frequency with someone else. Failure to do so will cause signal 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.

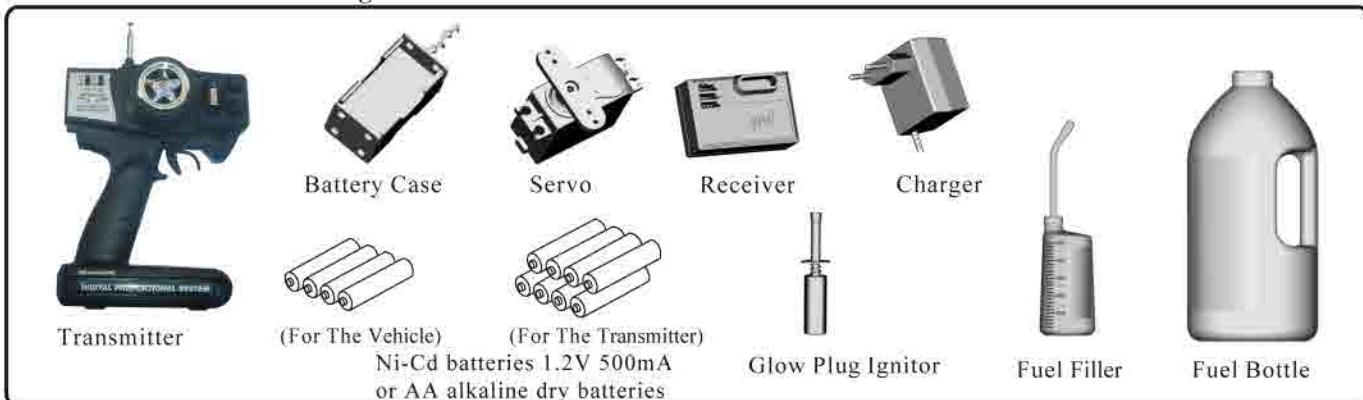
Before Starting Your Vehicle

- Verify that all retainers are well fastened (screws, nuts, bolts and clips)
- Verify proper function of steering, drive-line and engine/braking control.
- Lubricate appropriately all bearings, bushings and maintain proper shock performance.
- Always run engine with a clean oiled air filter.
- Inspect fuel tank for cracks and/or kinks in silicone tubing. Correct problem if required.
- Inspect tuned-pipe for damage; make sure it is well fastened to engine/chassis.
- Operate radio system with fully charged i.o frequency/range check.
- Inspect terrain for hard/non-movable objects that may become a hazard for your vehicle.
- Provide adequate clearance between your vehicle and your observers.
- Do not operate in the presence of domestic animals (dogs and/or cats)
- Do not operate vehicle on public roads, or obtain adequate authorisation to permit usage.

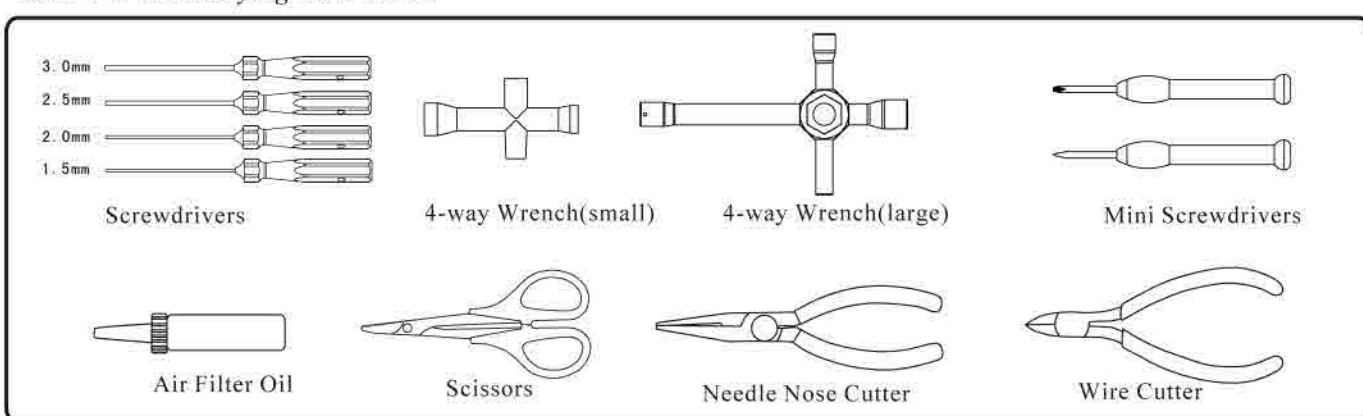
Before assembling or operating your model...

Carefully read and understand all instructions before operating the vehicle. Correct adjustment of high speed needle and idle adjustment are required before operating your vehicle. Refer to carburetor adjustments before operating vehicle. The following items(not included unless specified) are required to operate your vehicle and are available from your model dealer or the local hobby shop.

Additional Items For Running Your Model



Tools For Assembling Your Model



The following accessories available from your model dealer are for optional purchase to facilitate your operations.



Use of transmitter to control your vehicle...

Install the batteries to the transmitter

Insert the eight "AA" batteries into the battery compartment on the bottom of the transmitter.



Battery Precautions:

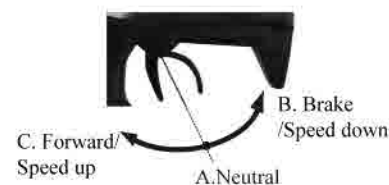
1. In order to keep continuous better performance under operations, we strongly recommend you to use the 1.5V alkaline batteries instead of the 1.2 V chargeable batteries.
2. The batteries may leak in the event that they are installed with wrong polarities.
3. Do not use batteries of different types.
4. Do not mix old and new batteries.
5. Do not leave the batteries if not in use for long periods.

The function switches on the transmitter



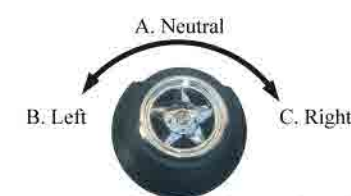
1. Antenna
2. Throttle Inching Control (Throttle Trim)
3. Steering Inching Control (Steering Trim)
4. Crystal
5. Throttle Trigger
6. Power Switch
7. Working Indicator
8. Steering Reverse Switch
9. Throttle Reverse Switch
10. Steering Wheel

Throttle Trigger



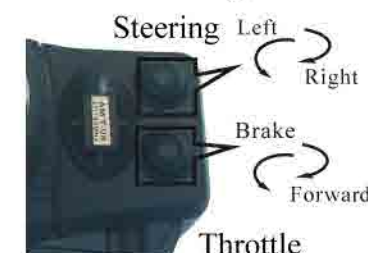
1. Push the trigger forwards to allow the vehicle to speed down to brake.
2. Pull the trigger backwards to allow the vehicle to go forward and speed up.

Steering Wheel



Turn the steering wheel to the left or right to let the vehicle turn left or right.

Throttle/Steering Trim



Throttle Trim Inching adjust it to control brake or forwarding operation at Neutral (Idle) position.

Steering Trim Inching adjust it to control steering (left/right)operation at Neutral (Idle) position.



If you are a reverse operator, set the steering/throttle switch to REV. Position first.



Throttle Inching Control (TH. Trim) is used to slightly trim the throttle servo when the trigger is at Neutral position.

Steering Inching Control (ST. 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.

2-Channel Radio System

Please read the following instructions before operating your vehicle.

Servos must be centered before operating. Performance of vehicle will be affected if this procedure is not completed.

To perform initial servo adjustment, rotate both trim controls on transmitter to center position.

Power on the transmitter then power on the receiver (switch is located on top cover). Servos are now centered, linkage adjustment can now be completed.

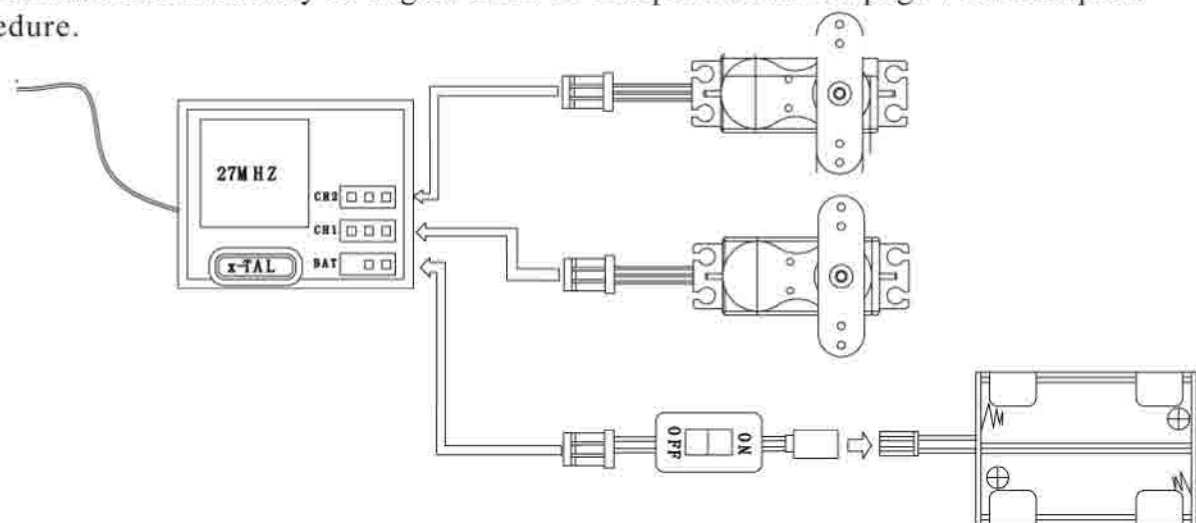
Steering linkage: With trim knob at center position front wheels should point in a straight ahead. If wheels point in either direction remove control horn from servo and center the wheels (along drive-line axis) replace control horn and observe corrections and re-adjust if necessary. Trim knob and servo are now centered, fine tuning of steering control can now be adjusted with steering trim knob on transmitter. if necessary.

Throttle/Brake linkage: With trim knob at center position, throttle will be closed. If carburetor linkage is open at center position remove control horn from servo and center the linkage, replace control horn and observe corrections and re-adjust if necessary.

Trim knob and servo are now centered, fine tuning of throttle control can now be adjusted with steering trim knob on transmitter.

Brake adjustment is performed via the thumb wheel on the end of the throttle linkage, brakes should not be applied at neutral position (vehicle must free-wheel when trigger is released)

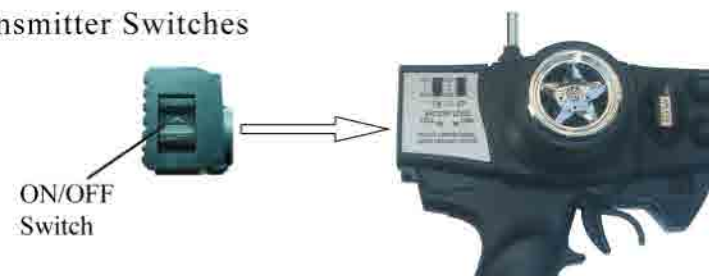
Before operating your new engine please perform required break in procedure otherwise performance and durability of engine shall be compromised. See page 7 for complete procedure.



Pre-Run Check

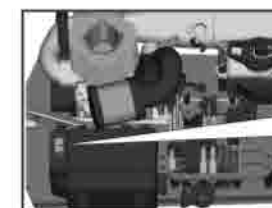
Please check your model before each driving.

1 Transmitter Switches



Caution!
Make sure antenna is properly inserted and screwed in the transmitter. Antenna should be fully extended. Performance and control range of transmitter may be affected.

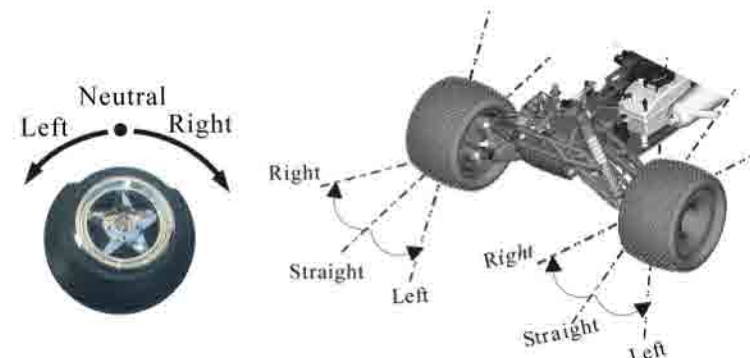
2 Chassis Switch



Turn on the chassis switch of the receiver.
ON

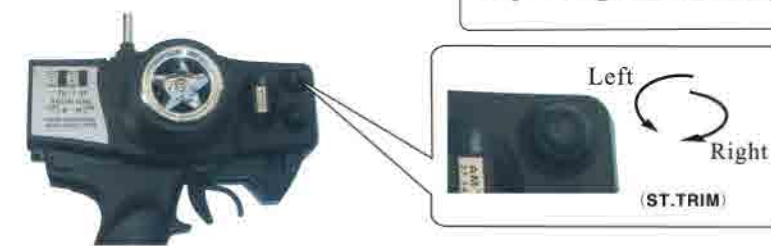
3 Check Steering Performance

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



The front wheel movement is controlled by the steering wheel. For instance: when moving the steering wheel to the left, the vehicle front wheels will also turn left.
If the moving direction of the wheel is opposite to what above mentioned, please change the Steering Reverse Switch position.

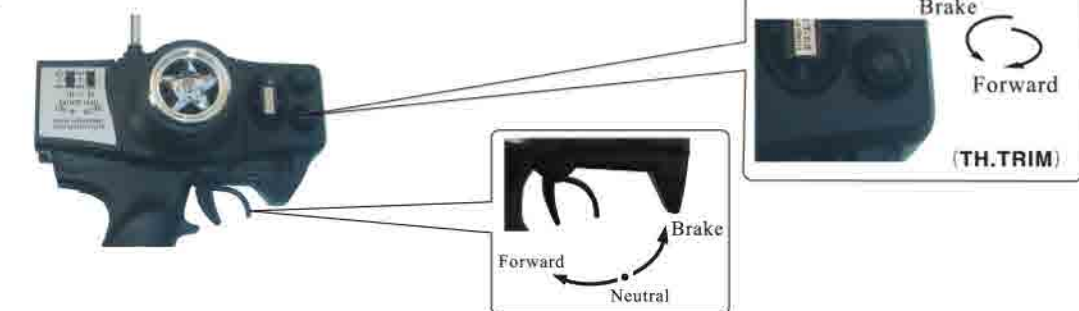
4 Steering Trim Setting



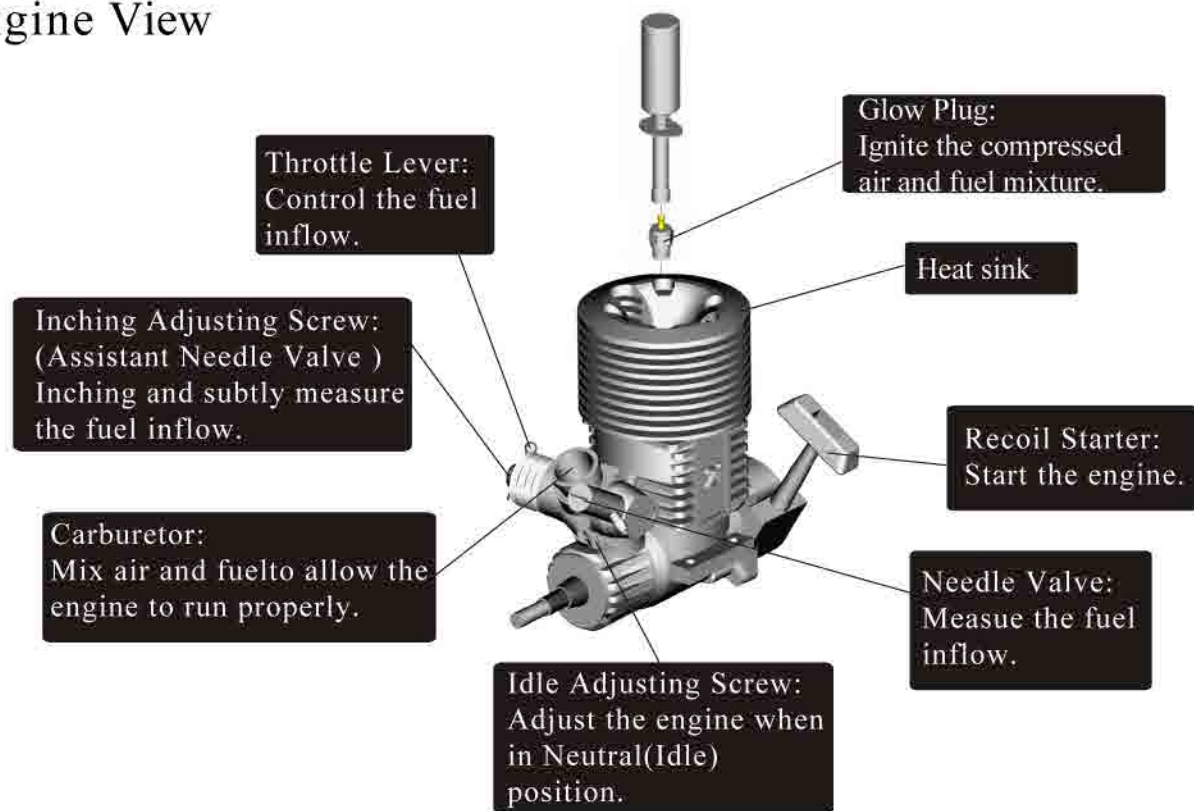
Gently lift up the front wheels while adjusting the steering trim.

Note:
Adjust the steering trim to center the front wheels of the vehicle when the steering wheel is at center position.

5 Throttle Trim Setting



Engine View



Note:
The engine includes many high-precision parts. The original performance may be reduced due to wrong operations or assembly and disassembly.

Engine Break In

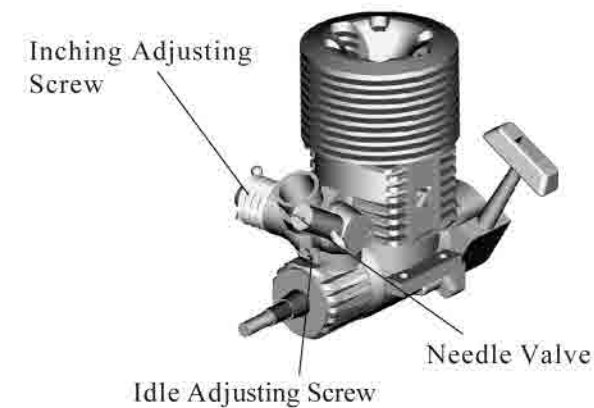
Many hobby type glow engines require a break in period to provide final adjustment of internal parts after manufacturing. This procedure is required and must be completed by you/the user. To prevent excessive initial wear on internal engine parts a rich air/glow fuel mixture is required to perform your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

Very important procedure must be followed !!

Break-in period 2 and 1/2 turns from full closed position (4-5 tanks of 10-15% nitro/20% oil content) must be used to perform break in, do not run engine full throttle for long periods during break-in. Once break-in has been performed lean out engine to best performance (2 turns to 1 and 1/2 turns from full closed position) you must always observe a trace amount of oil smoke from tune-pipe, if you do not see any smoke **stop immediately** and re-adjust needle valve till smoke is observed. Always perform needle valve adjustment first, and then perform idle adjustment on a warmed-up engine. Environment conditions may require further adjustments. Clean-out engine and exhaust system by applying high throttle (3/4 throttle) for 2 seconds after adjustment to permit effectiveness of adjustment to be observed. We highly recommend replacing the engine " Glow Plug "(part # 70117) after you have completed the break-in. It is of normal occurrence during the break-in that miniscule particles of metal adhere to the glow element. The particles of metal isolate the glow element and affect overall engine performance. You may also be required to replace your glow plug during your break in procedure. Normal nitro content: Once break-in has been performed 20% - 35% Lubrication: We highly recommend a Premium glow fuel with a Synthetic/Castor blend of a minimum of 16% and maximum of 20% combined lubricant content.

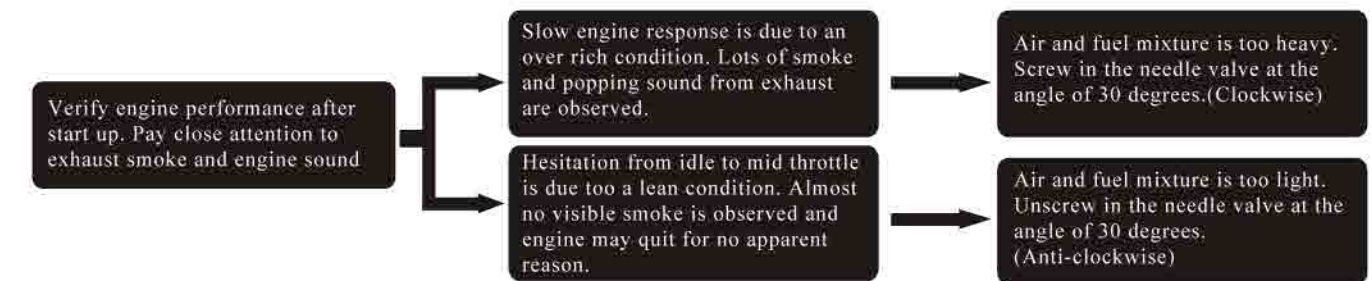
Engine Adjustment/Maintenance

Engine Adjustment



1. Needle Valve Adjustment
A. Start the engine to run your car
B. Keep an eye on 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.
C. When continuing to screw the needle valve further in, the engine will become overheated and subject to damage. In such case, immediately unscrew the needle valve at an angle of 10 or 20 degrees to allow the engine to return to normal running.

Acceleration from idle position.



2. Inching Adjusting Screw

Inching adjusting screw is used to inchingly measure the air and fuel mixture to flow into the carburetor:

3. Idle Adjusting Screw

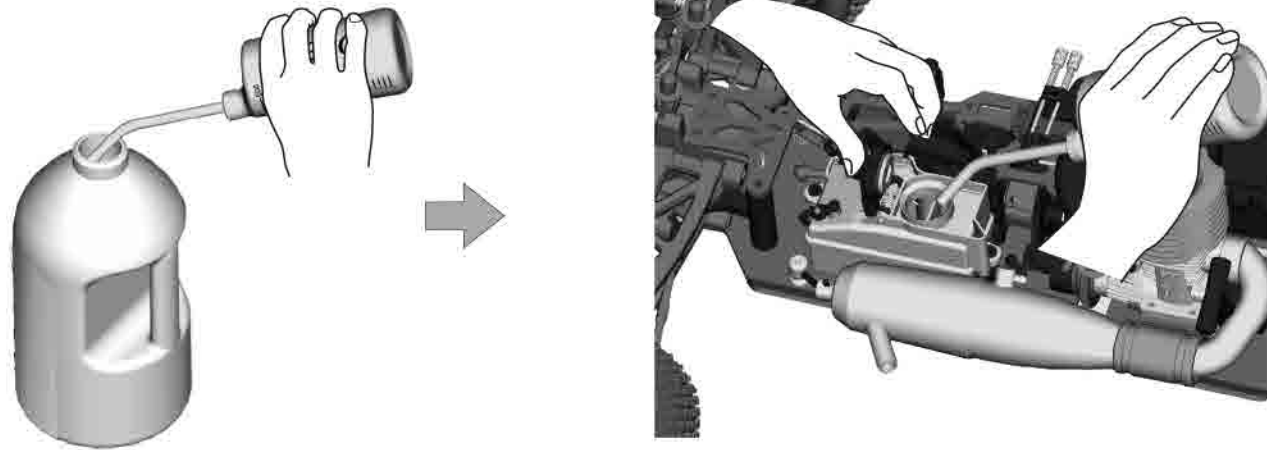
Idle adjusting screw is used to measure the air and fuel mixture to flow into the carburetor when the engine is at Idle position.

Engine Maintenance

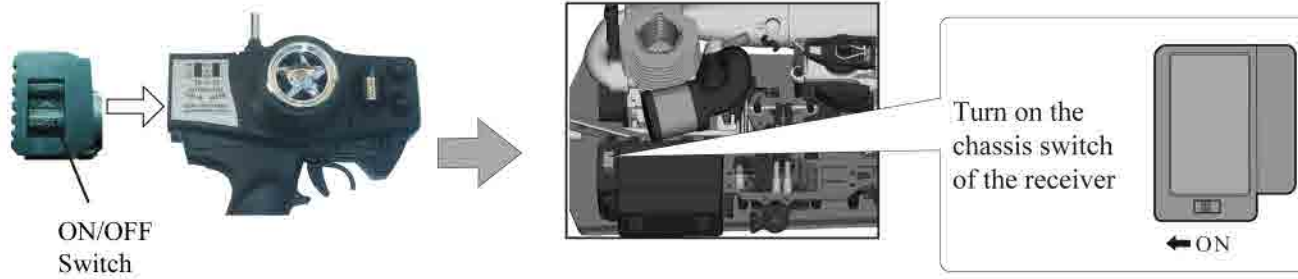
1. Empty fuel tank and fuel lines before storing vehicle.
2. Use premium " After Run Oil" this lubricant is utilised for storing of your engine. Observe manufacturers instructions.
3. Remove all dirt and debris from vehicle with small brush (tooth brush) and/or with compressed air (observe proper personal 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

Starting your engine

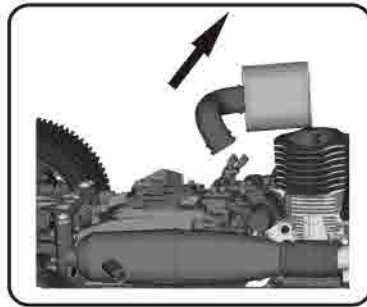
1 Fill the fuel tank with fuel



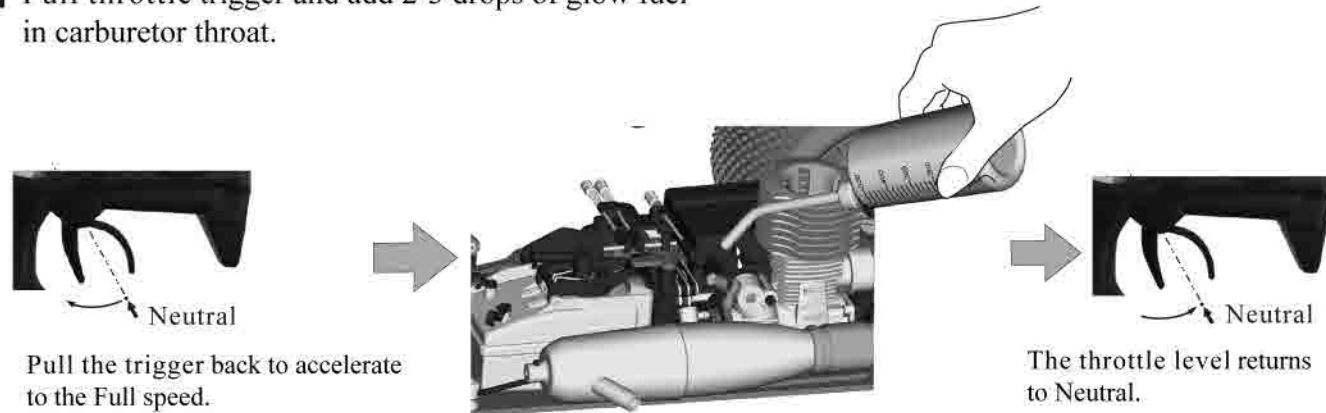
2 Switch on the transmitter and the receiver.



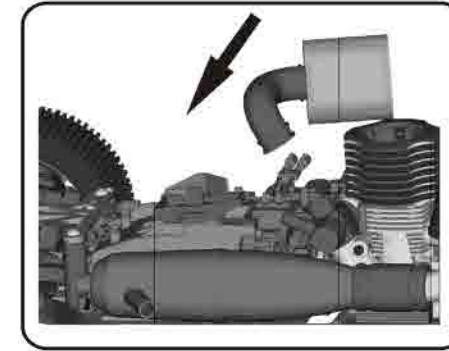
3 Remove the air filter.



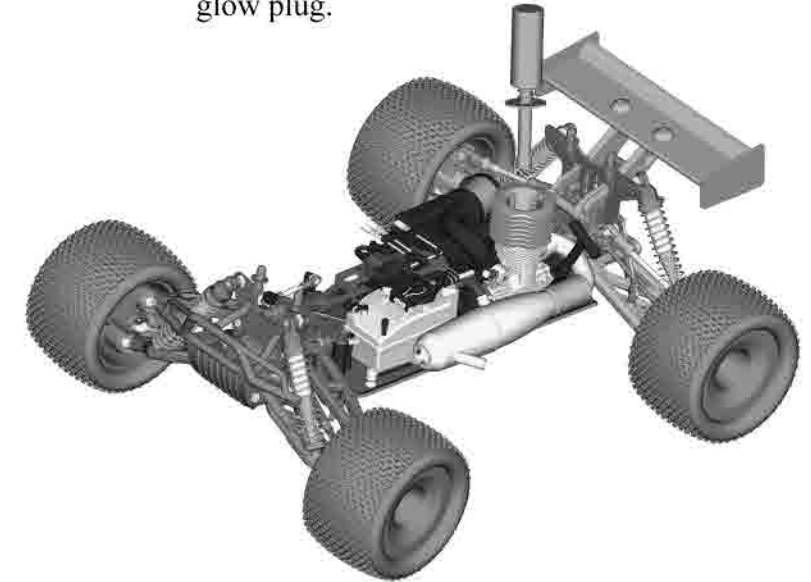
4 Pull throttle trigger and add 2-3 drops of glow fuel in carburetor throat.



5 Attach the air filter.



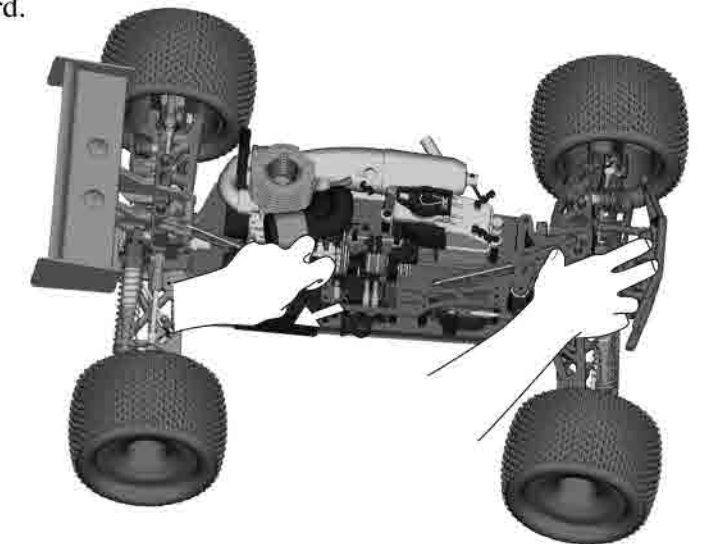
6 Use the glow plug igniter to warm the engine glow plug.



7 Hold the car securely and pull the recoil starter cord.

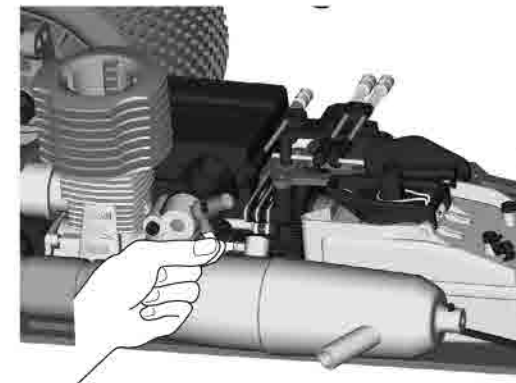
⚠ Caution!

▶ To avoid engine damage, never force hard to crank engine, remove glow plug and ventilate engine carter by pulling the pull cord a few times. Install glow plug and try starting.

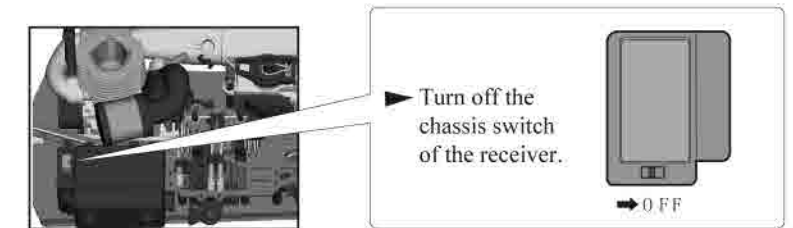


STOP RUNNING THE ENGINE

1. Pinch fuel line with fingers to starve engine of fuel to have make it stop.



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-start up 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.

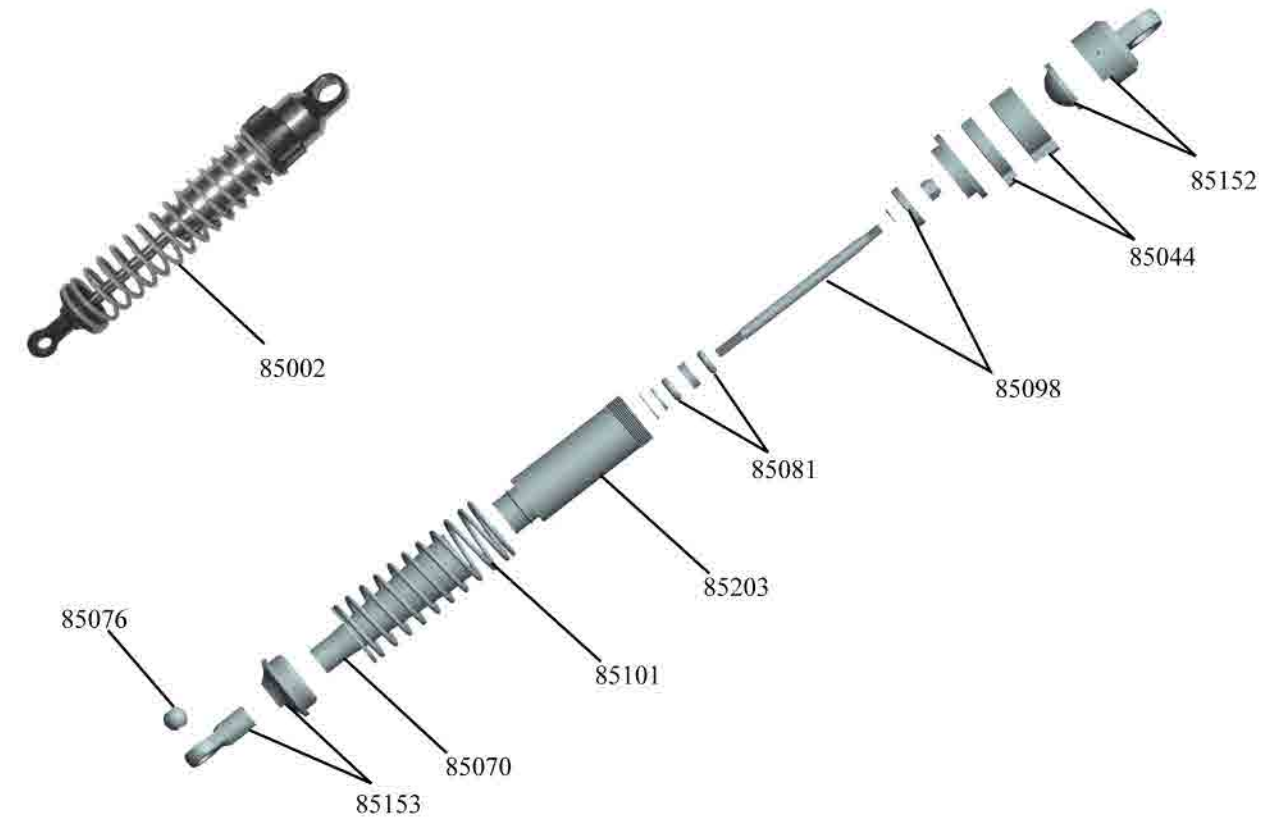
Engine performance is affected.

Verify fuel lines, glow plug, adjustments and correct.

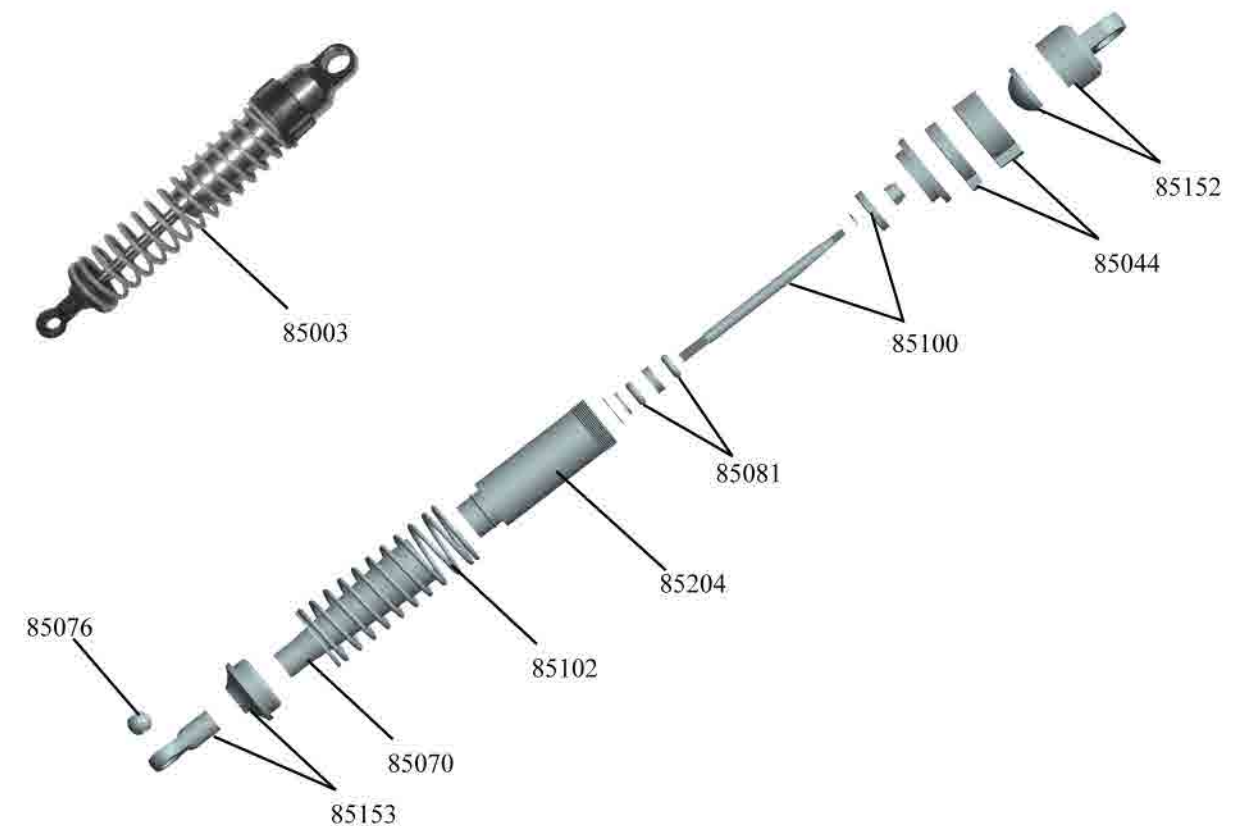
TROUBLESHOOTING LIST

ISSUES	REASONS	SOLUTIONS
THE ENGINE FAILS TO START.	<ol style="list-style-type: none"> The fuel tank is empty or the carburetor is not primed properly. The glow plug is bad or the batteries are dead. The fuel lines, the air filter, or the muffler is clogged. The engine is flooded. The carburetor is not adjusted properly. The servo linkage is not adjusted properly. 	<ol style="list-style-type: none"> Fill the fuel tank up or prime the throttle. Replace the glow plug or charge the batteries. Clean or replace the clogged part(s). Remove the glow plug and discharge fuel. Set the Needle Valve/Inching Adjusting Screw and the Idle Adjusting Screw to the Original position. Set the servo to Neutral then re-adjust it.
THE ENGINE CAN START BUT STALL IMMEDIATELY.	<ol style="list-style-type: none"> The fuel tank is empty. The fuel lines, the air filter, or the muffler is clogged. The carburetor is not adjusted properly. The engine is flooded. 	<ol style="list-style-type: none"> Fill up the fuel tank. Clean or replace the clogged part(s). Re-adjust Idle Adjusting Screw and Needle Valve/Inching Adjusting Screw. 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"> The carburetor is not adjusted properly. Low fuel pressure level was found on the muffler. 	<ol style="list-style-type: none"> Re-adjust Needle Valve/Inching Adjusting Screw. Install the pressure line from the muffler to the fuel tank correctly.
THE VEHICLE BECOMES DIFFICULT TO BE CONTROLLED.	<ol style="list-style-type: none"> The batteries on the transmitter/receiver are weak. Radio antenna performs bad receptions. The servo linkage is not adjusted properly. 	<ol style="list-style-type: none"> Replace or charge the batteries. Extend the transmitter antenna fully to obtain better receptions. Set the servo to Neutral then re-adjust it.

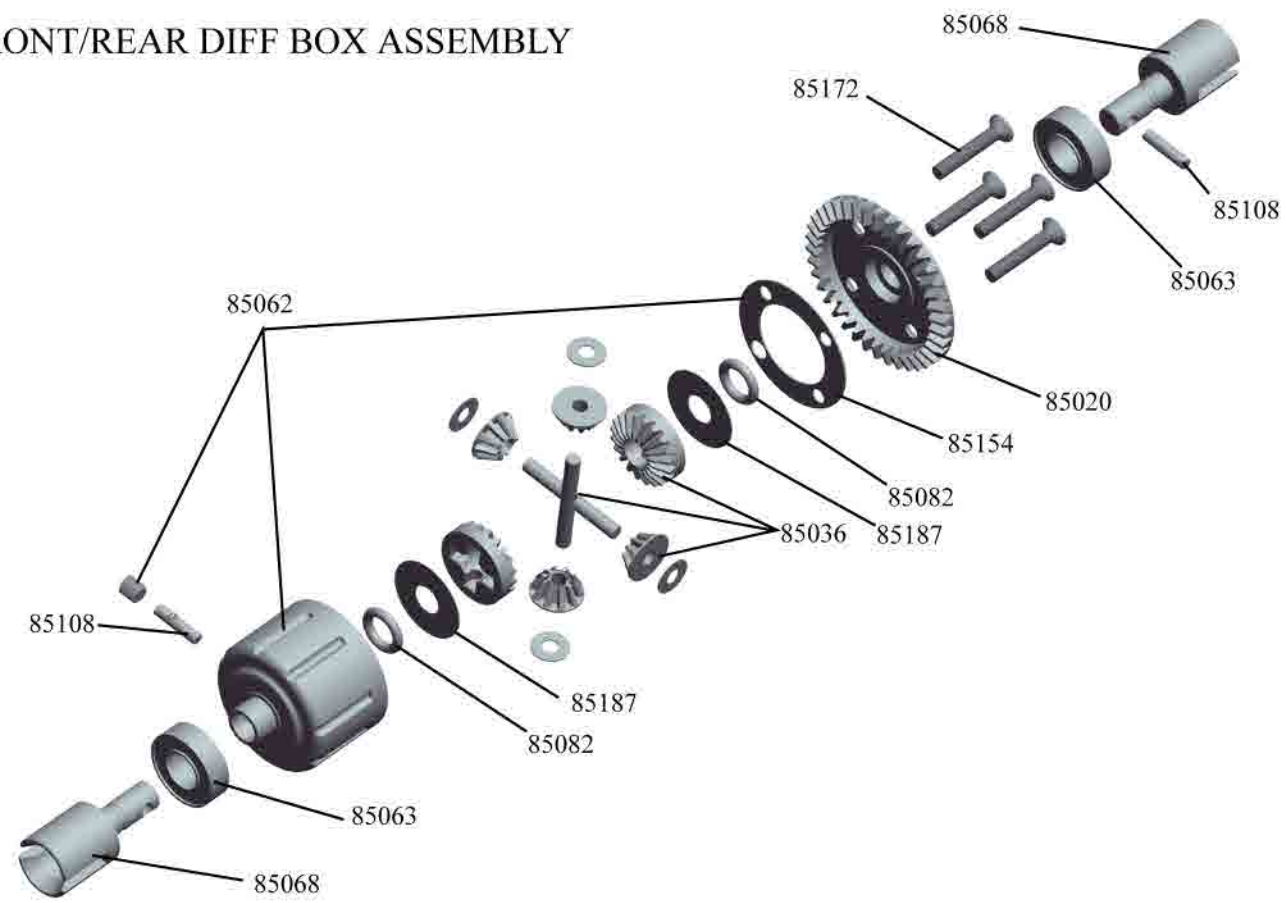
FRONT SHOCKS ASSEMBLY



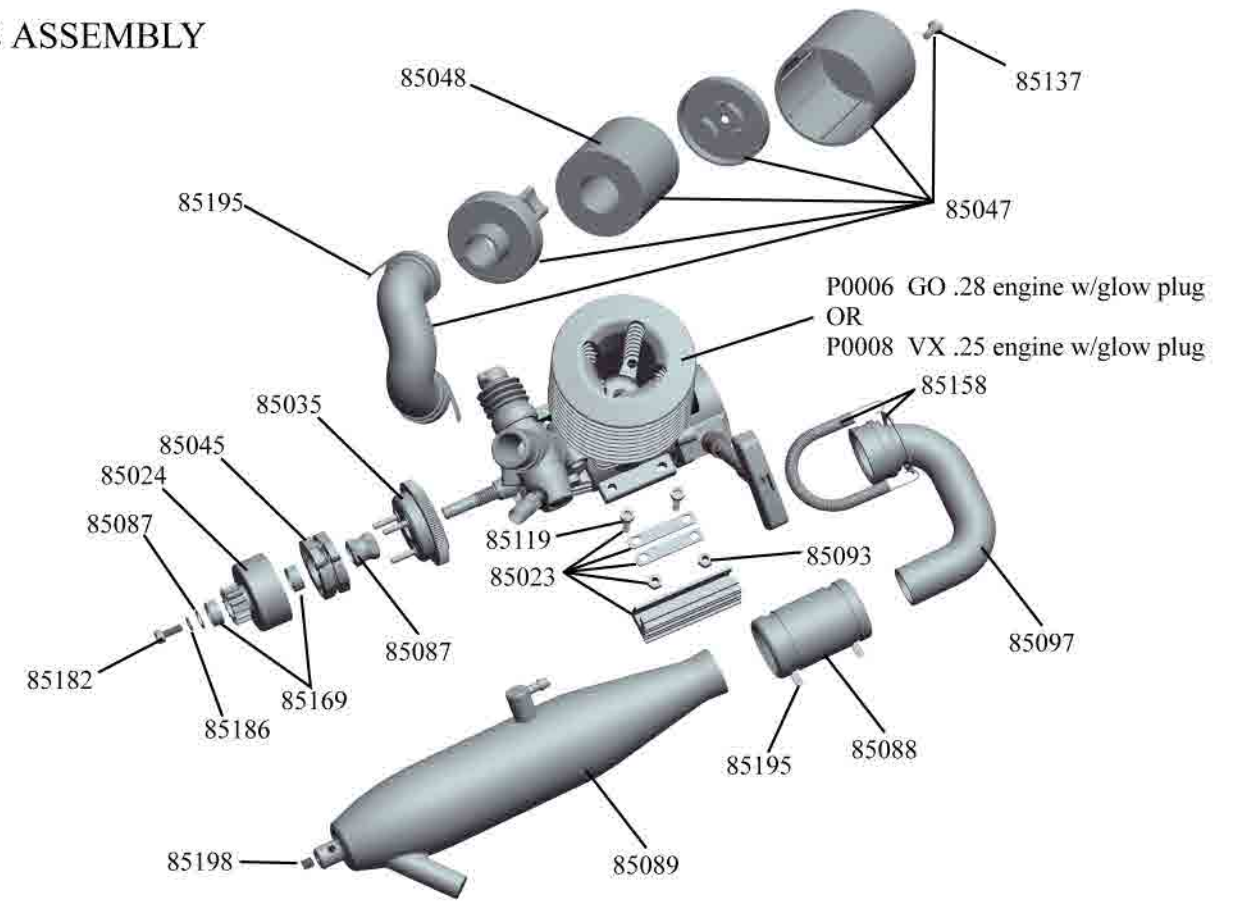
REAR SHOCKS ASSEMBLY



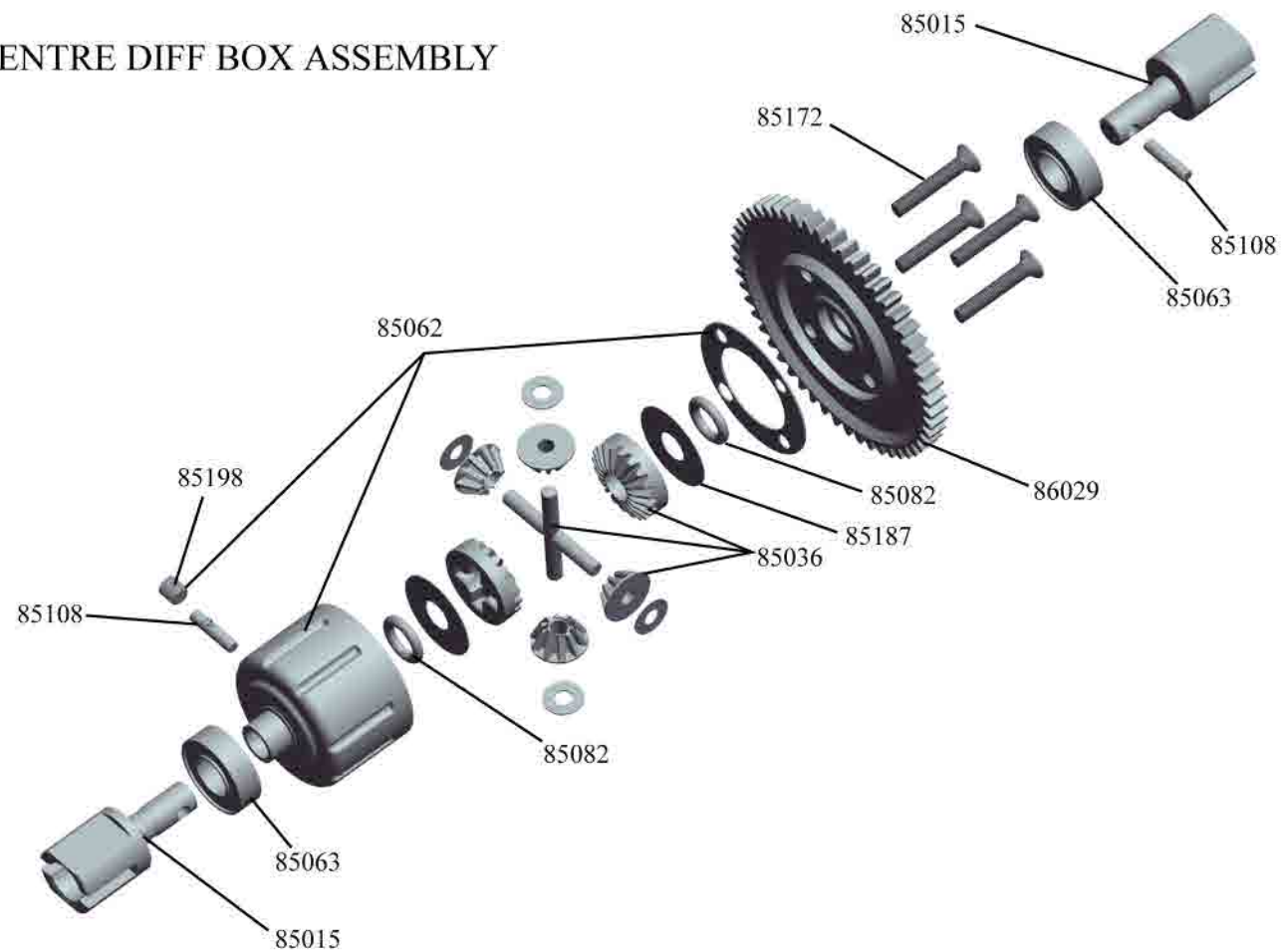
FRONT/REAR DIFF BOX ASSEMBLY



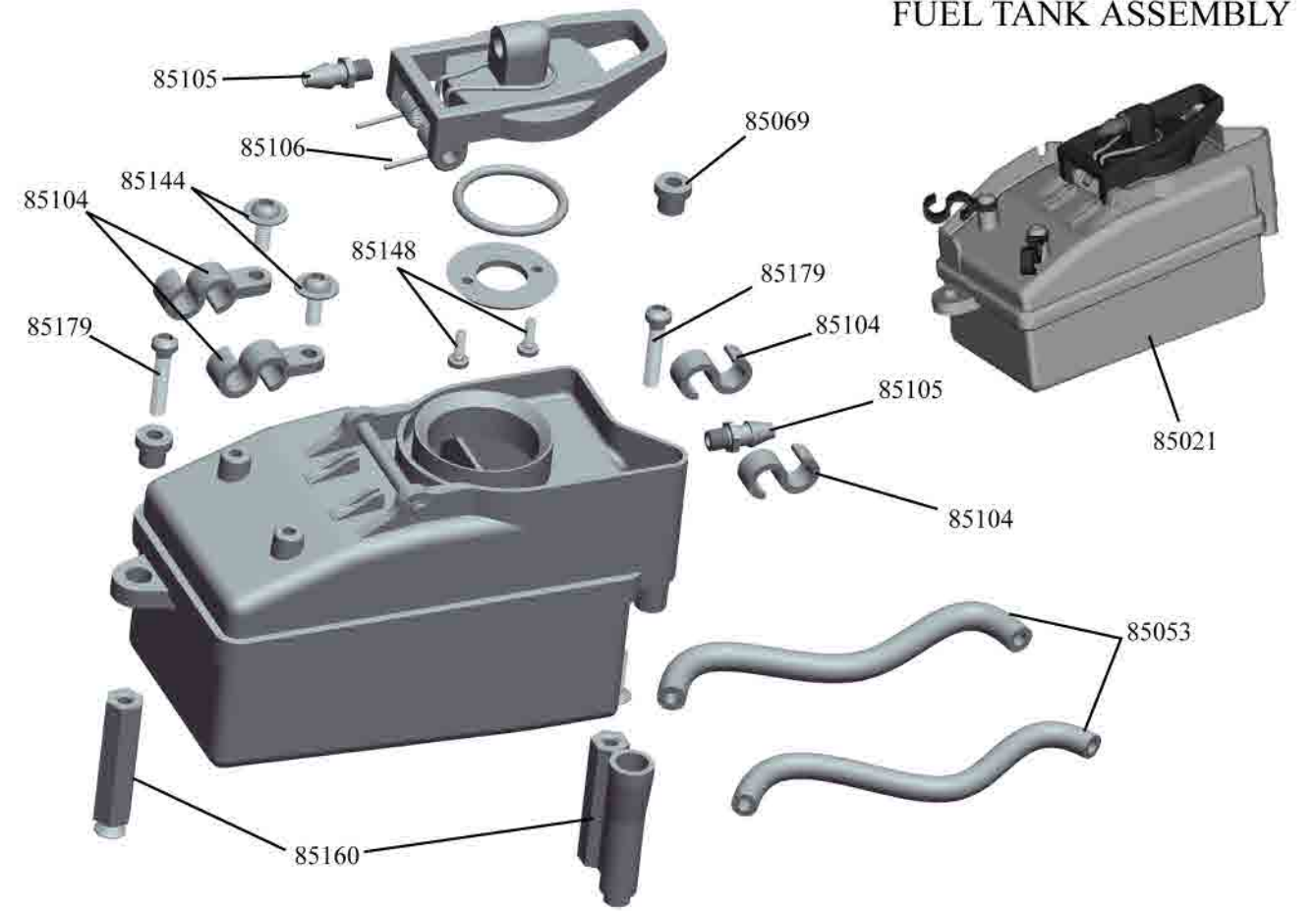
ENGINE ASSEMBLY



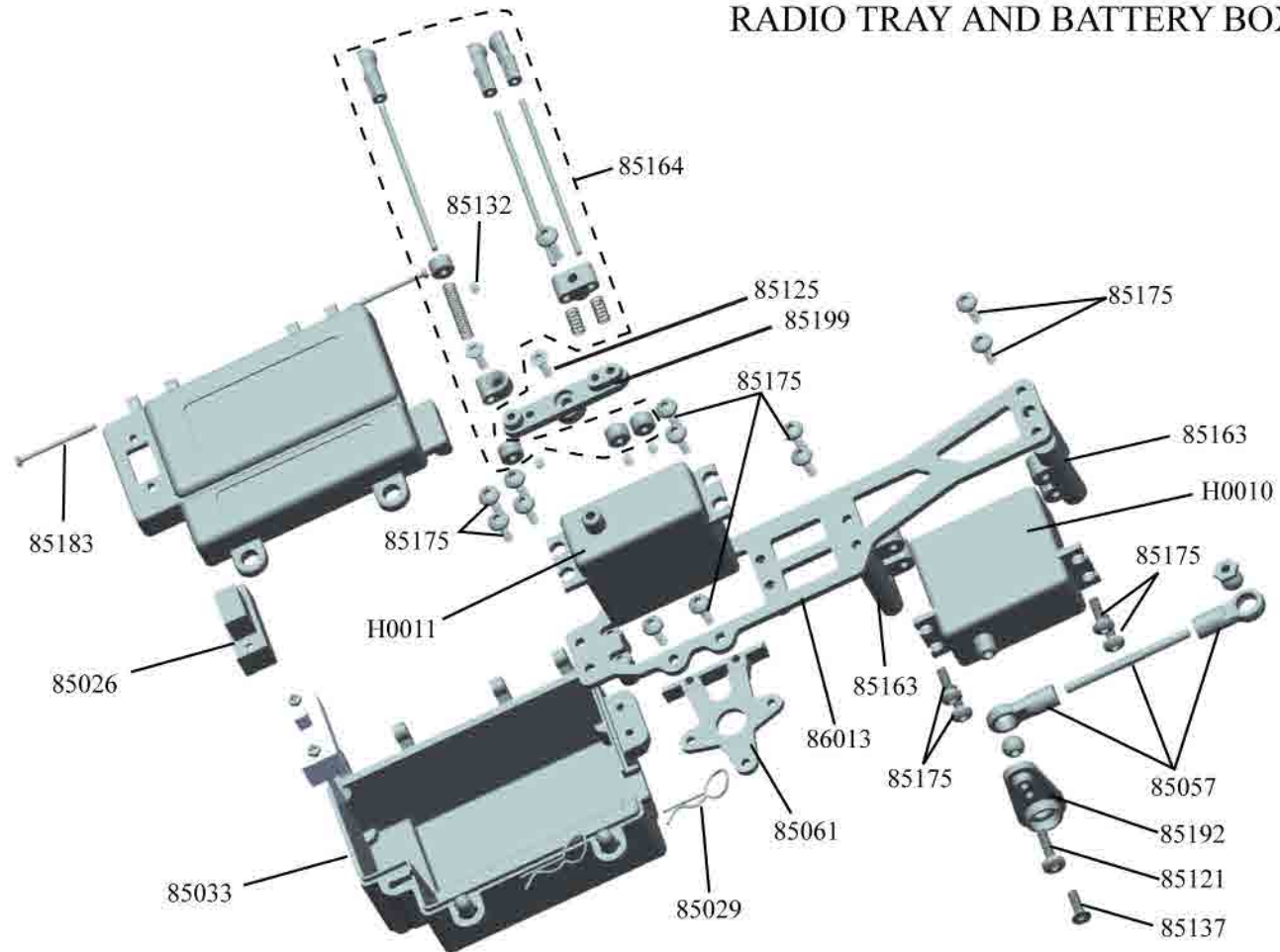
CENTRE DIFF BOX ASSEMBLY



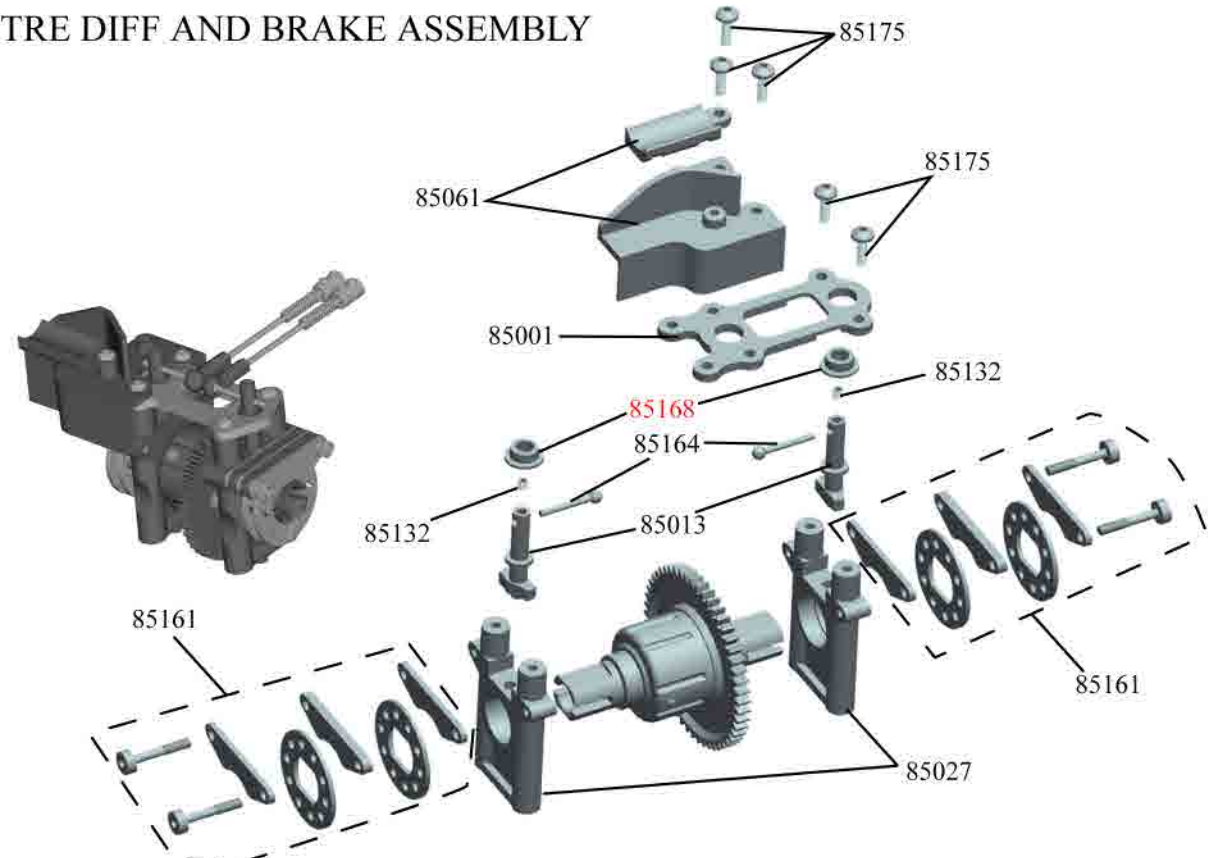
FUEL TANK ASSEMBLY



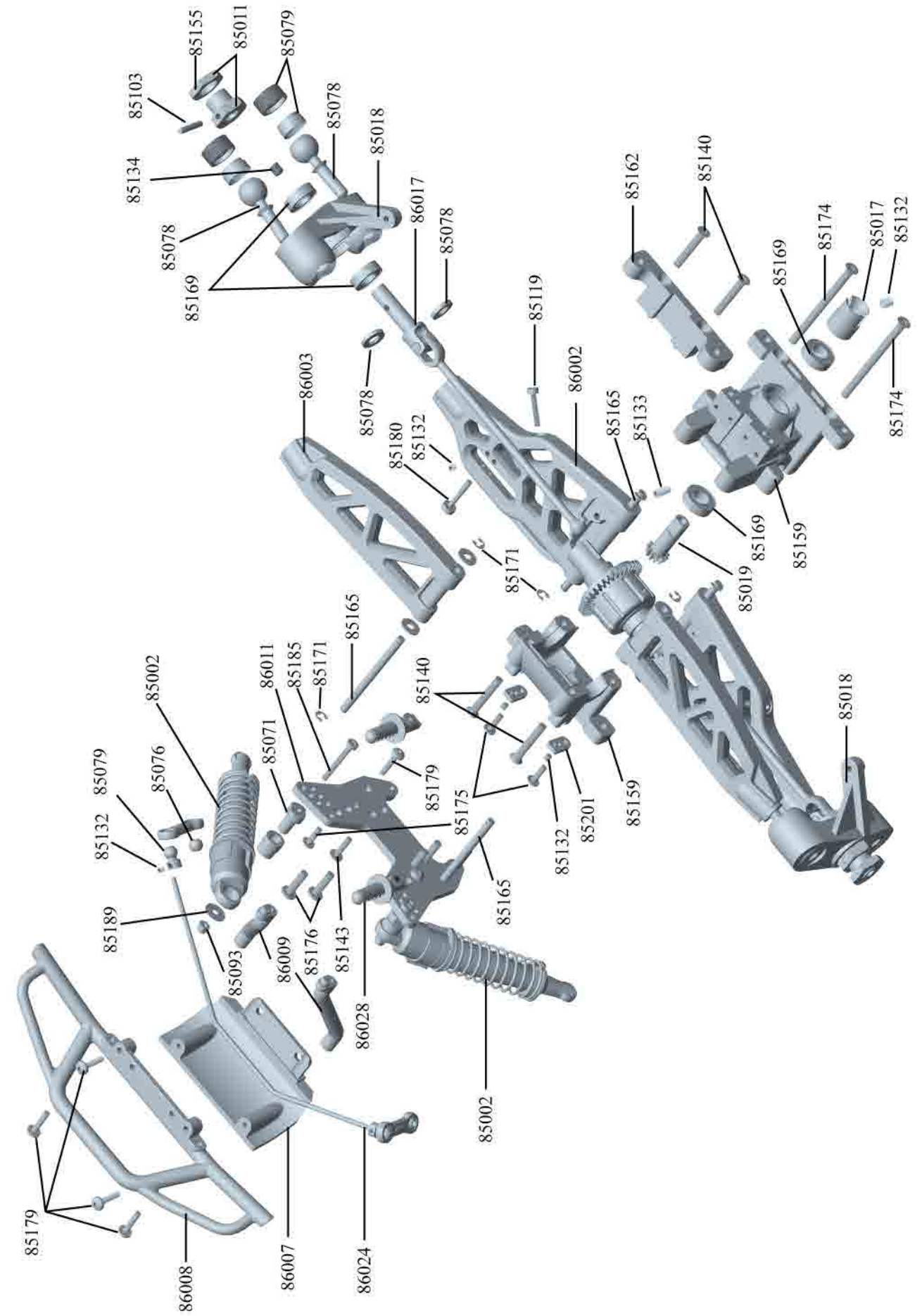
RADIO TRAY AND BATTERY BOX



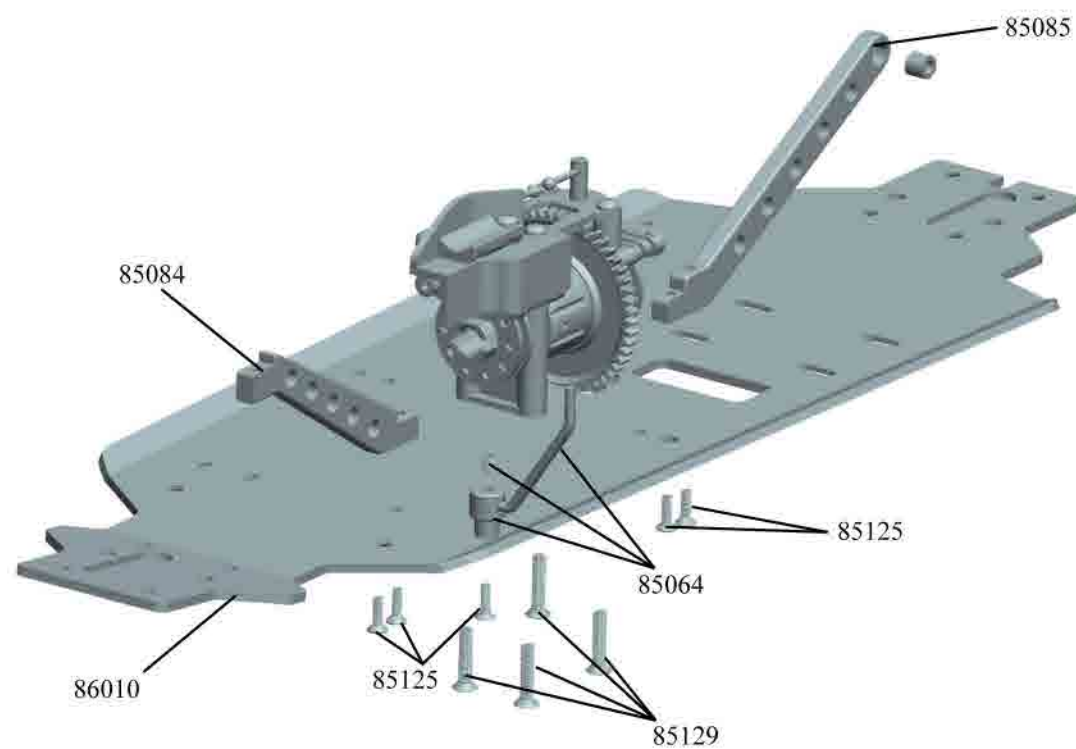
CENTRE DIFF AND BRAKE ASSEMBLY



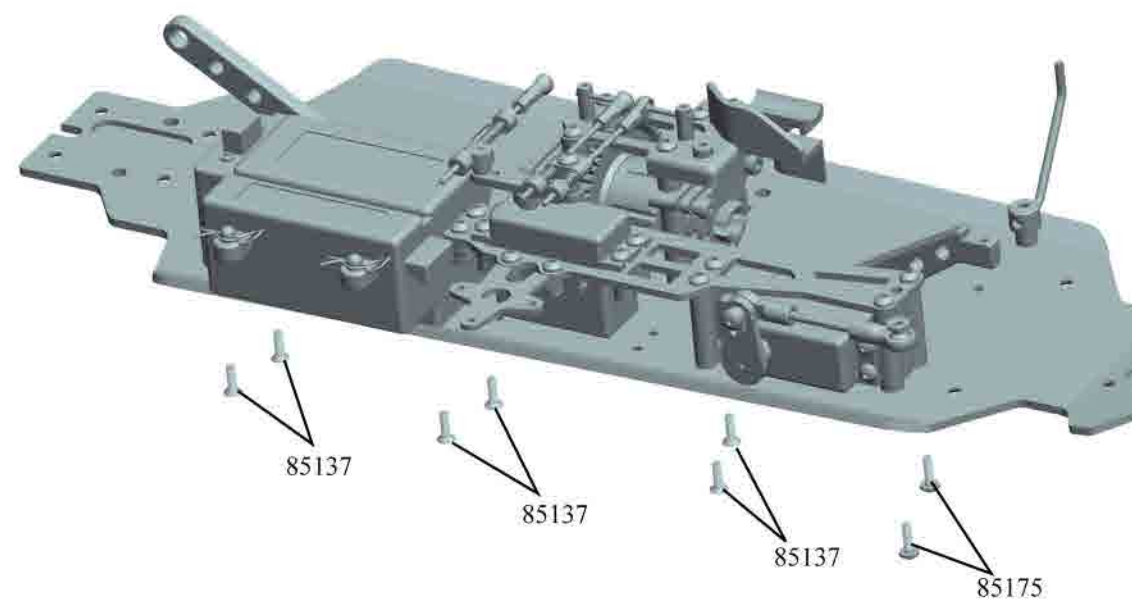
FRONT SUSPENSION ASSEMBLY



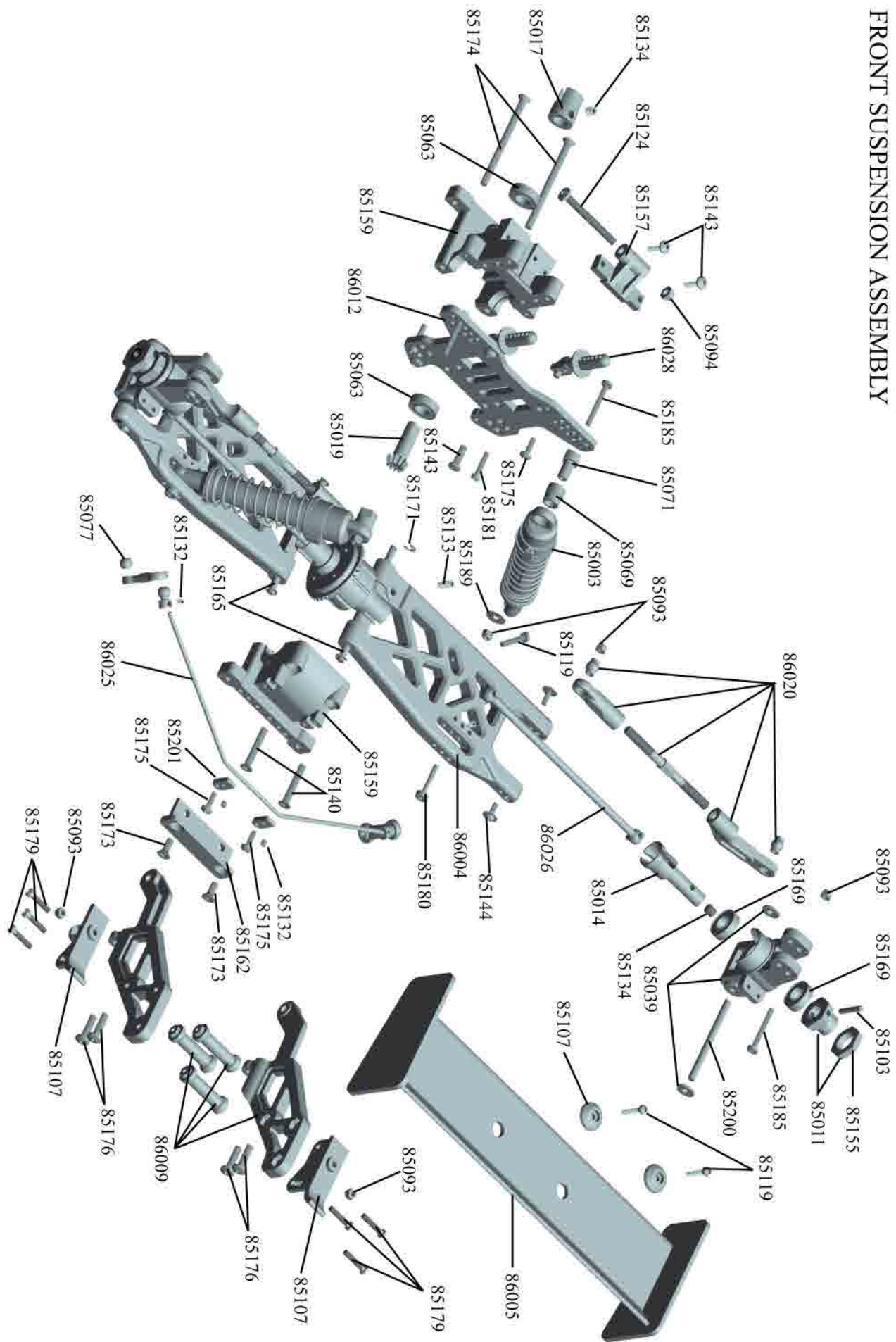
1. Install the Centre Diff Assembly and Front/Rear Braces to the chassis.
And attach the exhaust Pipe holder.



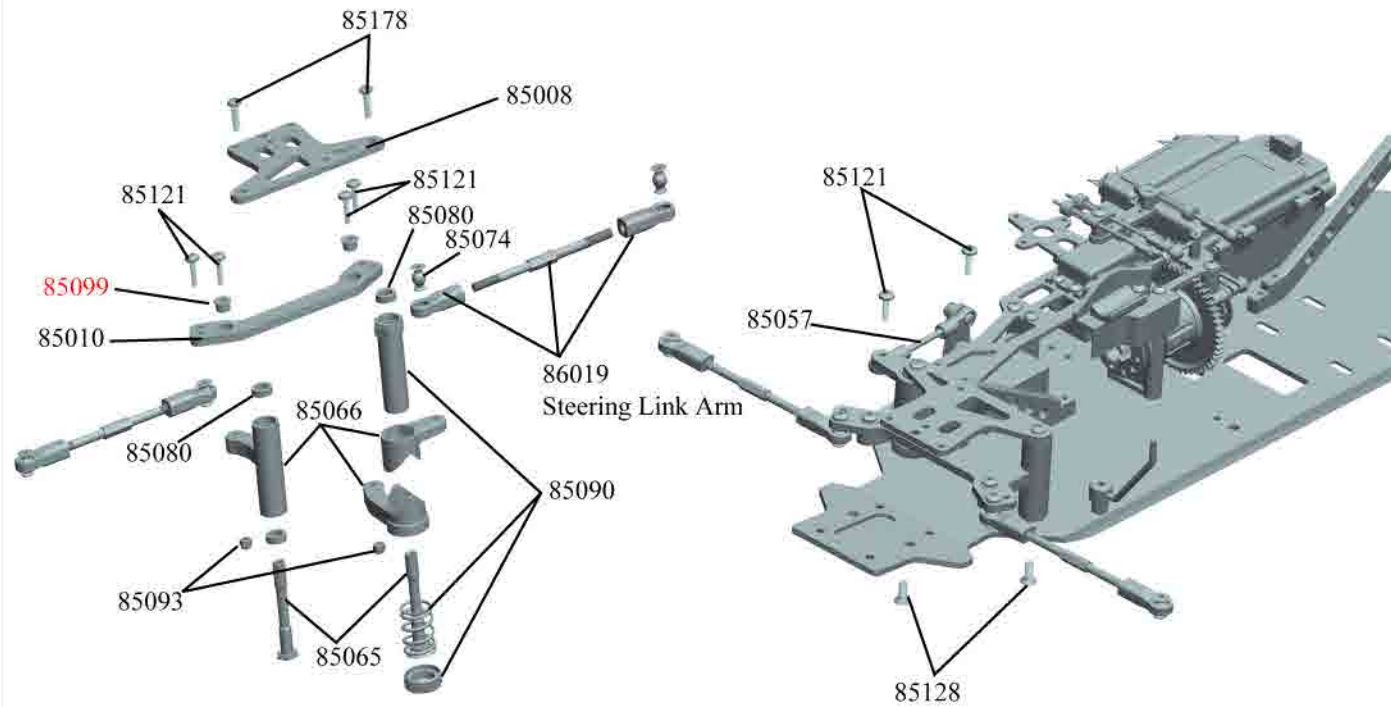
2. Install the servo and battery/receiver box assembly to the chassis with screws.



FRONT SUSPENSION ASSEMBLY

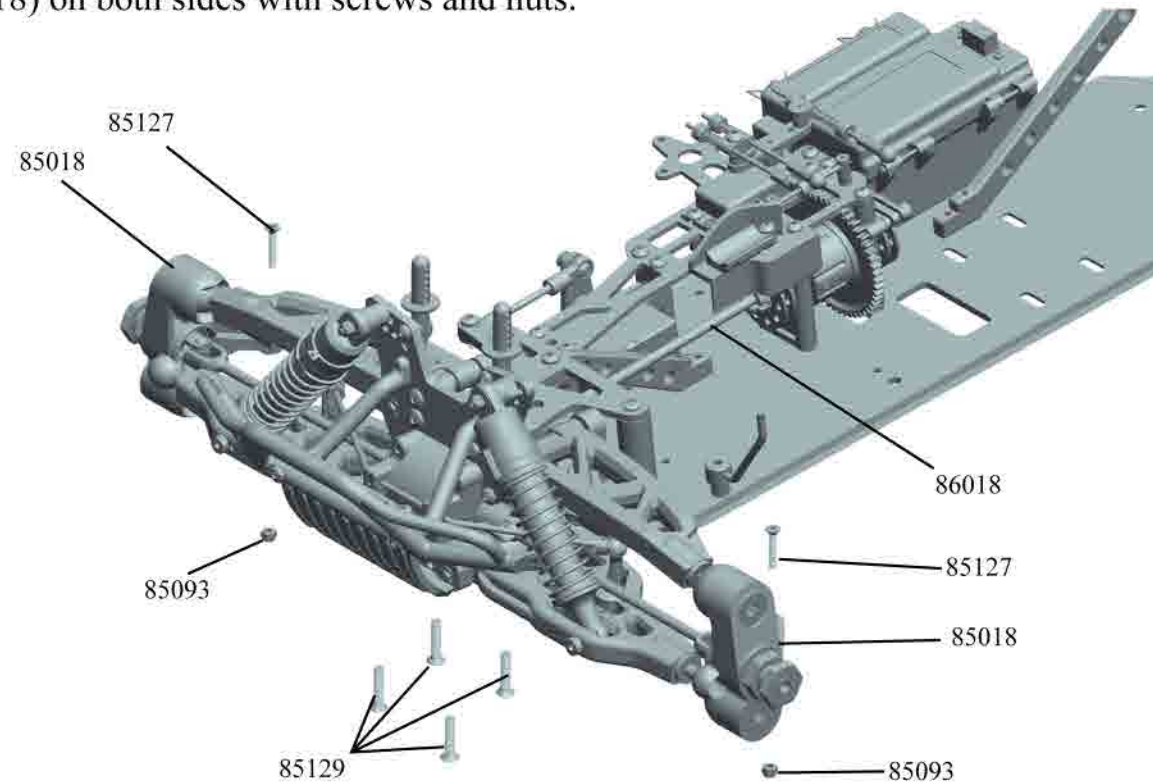


3. Install the steering arm assembly to the chassis with screws and attach the steering arm.

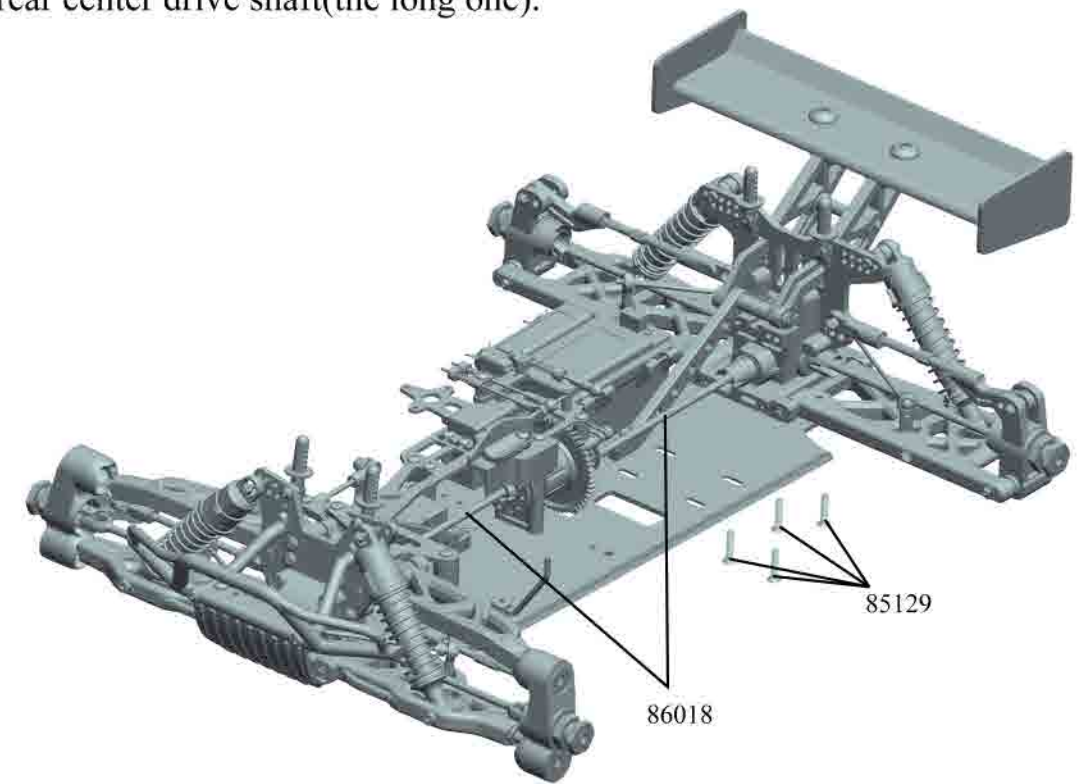


STEERING ASSEMBLY

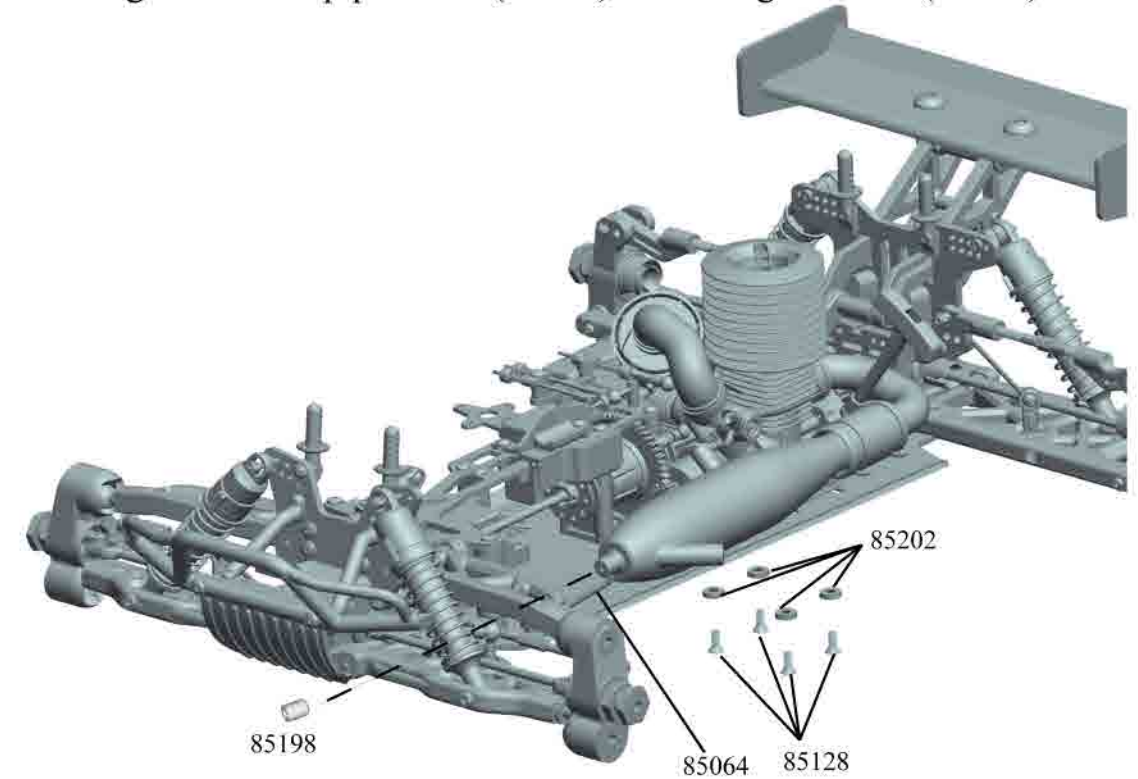
4. Install the front suspension assembly to the chassis with screws and attach the front center drive shaft(the short one). And then attach the steering link arms to the steering knuckles(85018) on both sides with screws and nuts.



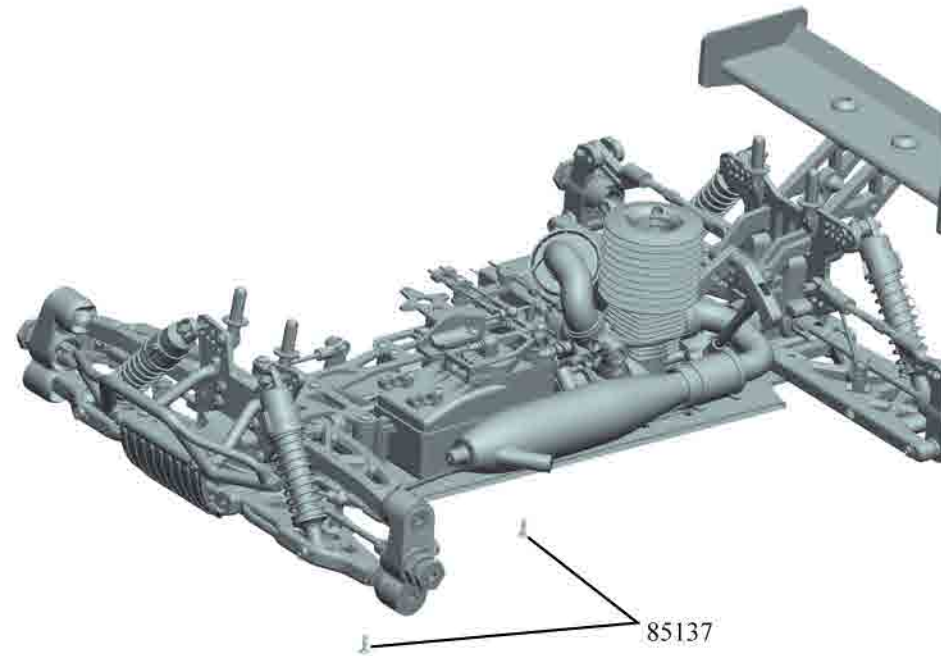
5. Install the rear suspension assembly to ensure free suspension arm movement and attach the rear center drive shaft(the long one).



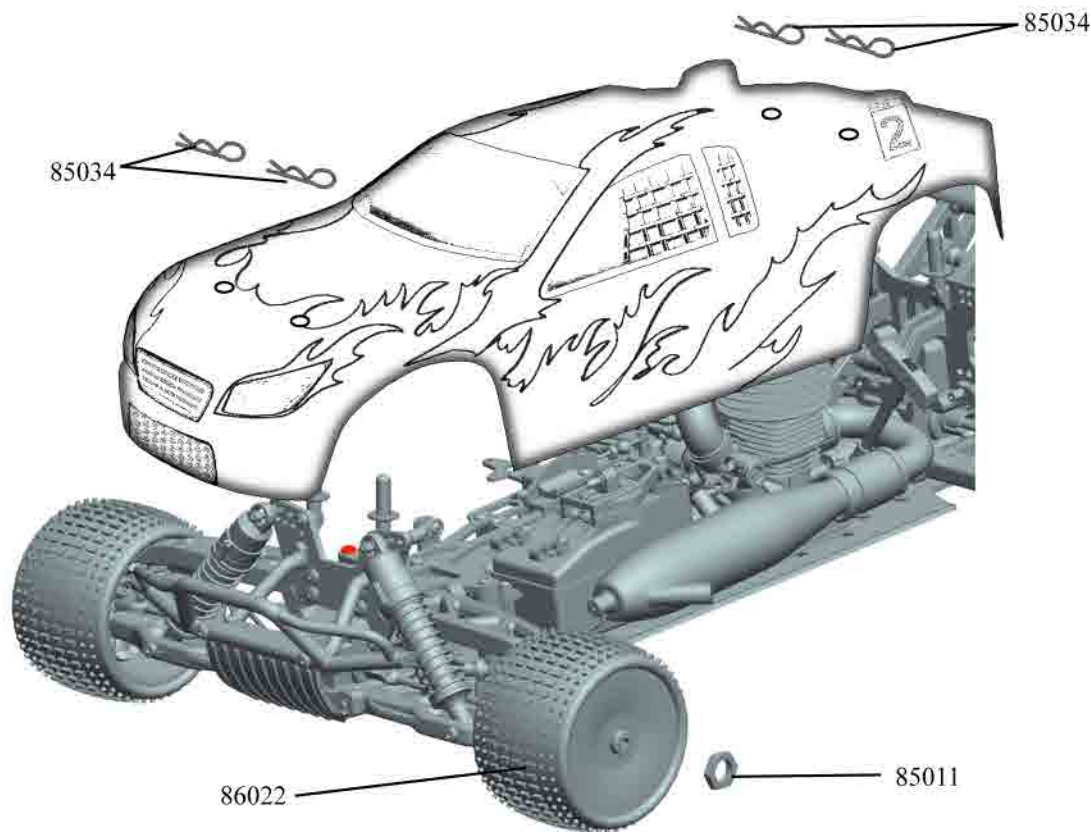
6. Install the engine assembly to the chassis with screws and screw spacers properly to make sure the clutch bell and spur gear works smoothly. And attach the exhaust pipe end to the engine exhaust pipe holder(85064) with M4 grub screw(85198).



7. Install the fuel tank to the chassis with screws, link the fuel lines from the fuel tank to the engine and exhaust pipe, and guide the fuel lines guide onto the fuel tank.



8. Install the premounted tyres set and tighten with wheel nuts. Mount the precut polycarbonate body onto the chassis body mounts and use body clips to fix the body.



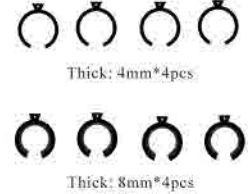




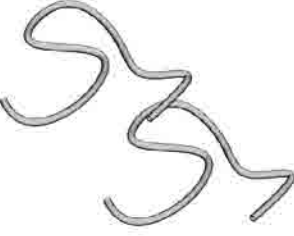












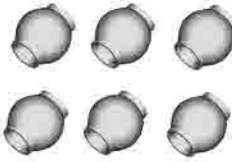

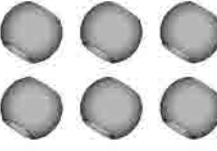
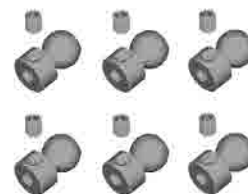


1/8 Scale Nitro Powered Truggy Spare Parts

86001-Wheel Rims 2P 	86002-Front Lower Suspension Arms 2P 	86003-Front Upper Suspension Arms 2P 	86004-Rear Lower Suspension Arms 2P 
86005-Tail Wing 	86006-Tail Wing Mount w/screws 2P 	86007-Front Bumper Lower 	86008-Front Bumper Upper 
86009-Front Bumper Mounting Posts 	86010-Chassis Plate 	86011-Front Shock Tower 	86012-Rear Shock Tower 
86013-Radio Tray 	86017-Front Universal Joint Shafts 2P 	86018-Center Drive Shaft F/R 2P 	86019-Steering Link Set 2P 
86020-Rear Upper Arm Set 2P 	86021-Tyres 	86022-Pre-mounted Tyre Sets 2P 	86024-Front Sway Bar 
86025-Rear Sway Bar 	86026-Rear Drive Shafts 2P 	86028-Body Mount 4P 	86029-Center Spur Gear 52T 

1/8 Scale Nitro Powered Truggy Spare Parts

85001-Centre Diff. Top Plate 	85002-Front Shock Set 2P 	85003-Rear Shock Set 2P 	85008-Upper Steering Plate 
85010-Ackerman Plate 	85011-Wheel Hub Set 2P 	85013-Brake Cam 2P 	85014-Rear Wheel Axles 2P 
85015-Centre Diff. Outdrives 2P 	85017-Drive Joints 2P 	85018-Steering Knuckles (L/R) 	85019-Diff. Pinion Gear 2P 
85020-Crown Gear 	85021-Fuel Tank 125cc 	85023-Engine Mount Set 	85024-Clutch Bell 14T 
85026-Silicone Switch Cover 2P 	85027-Centre Diff. Mount 2P 	85029-Battery/receiver Case Clips(Small) 6P 	85033-Battery/Receiver Box 
85034-Body Clips(Middle Size) 6P 	85035-Flywheel 	85036-Diff. Bevel Gear Set 	85039-Rear Hub Carrier Set 2P 


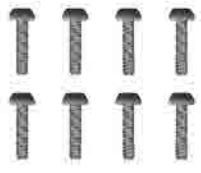






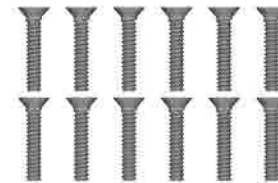
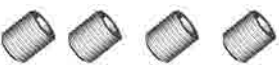














1/8 Scale Nitro Powered Truggy Spare Parts

85044-Shock Tension Shims  Thick: 4mm*4pcs  Thick: 8mm*4pcs	85045-Clutch Shoes & Springs 	85047-Airfilter Assembly 	85048-Air Filter Sponge 2P 
85053-Fuel Line 	85057-Steering Servo Linkage 	85058-Wing mounts 2P 	85059-Wing Mounts Posts 
85061-Fuel Filter, Transponder Mount, Fuel Line Mount Set 	85062-Differential Case +Set Screw 	85063-Bearings 16*8*5 8P 	85064-Exhaust Mount Set 
85065-Servo Saver Shaft 2P 	85066-Bellcrank Set 	85068-F/R Outdrive 2P 	85069-Fuel Tank Mount Grommets 
85070-Shock Boot 2P 	85071-Shock Mount Studs 4P 	85073-Rear Upper Arm Outer Ball 6pcs 	85074-Steering Linkage Ball Studs 6pcs 
85076-Shock End/Sway Bar Ball 6pcs 	85077-Sway bar Mount Ball Stud 6sets 	85078-Pivot Ball Set 4P 	85079-Pivot Ball Nut Set 4P 





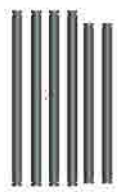






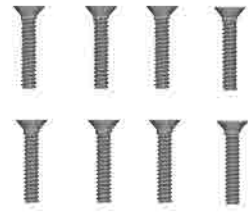





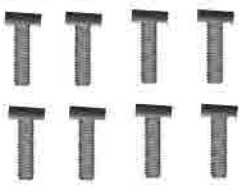





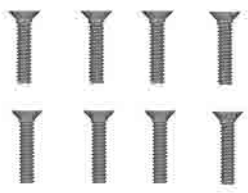
1/8 Scale Nitro Powered Truggy Spare Parts

85080-Steering Bellcrank Bushing 4P 	85081-Shock O-Ring Set 8P 	85082-Diff Case O-Ring Set 6P 	85084-Frnt Chassis Brace 
85085-Rear Chassis Brace 	85087-Clutch nut w/shim 2P 	85088-Silicone Exhaust Coupler 	85089-Tuned Exhaust Pipe 
85090-Servo Saver Assembly 	85091-Antenna Tube 4P 	85093-3mm Locknut set 6P 	85094-4mm Locknut set 8P 
85096-Ball End Set 	85097-Manifold 	85098-Front Shock Shaft and Piston Set 2P 	85099-Steering Plate Bushing 2P 
85100-Rear Shock Shaft and Piston Set 2P 	85101-Front Shock Spring Set 2P 	85102-Rear Shock Spring Set 2P 	85103-Wheel Hub Pin Set 2P 
85104-Fuel line guide set 	85105-Pressure fitting set 2P 	85106-Fuel tank spring 	85107-Upper Wing Mount Set 


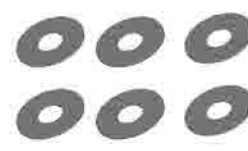

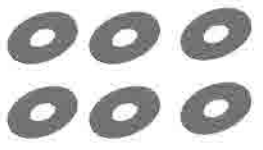
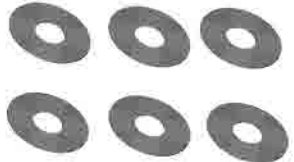
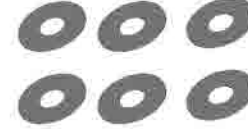





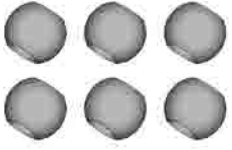












1/8 Scale Nitro Powered Truggy Spare Parts

85108-Diff bevel gear pin 3P 	85118-Cap head screw set 3*14mm 8P 	85119-Cap head screw set 3*16mm 6P 	85121-Button Head Screw sdt 3*12mm (10) 
85124-Button head screw set 4*40mm 4P 	85125-Flat head screw set 3*10mm 5P 	85127-Flat head screw set 3*18mm 3P 	85128-Flat head screw set 4*10mm 4P 
85129-Flat Head Self Tapping Screw Set 4*18mm 12P 	85133-Set screws 4*10mm 4P 	85134-Set screws 5*4mm 6P 	85137-Flat Head Self Tapping Screw Set 3*10mm 12P 
85140-Flat Head Screw Set 4*26mm 4P 	85143-Button Head Self Tapping screw set 3*12mm 4P 	85144-Ring Self Tapping Screw Set 3*8mm 4P 	85148-Ball Head Tapping Screw 2*6 4P 
85152-Front/rear Shock Cap with Bladder Set 	85153-Shock Ball End, Ball, Cup set 	85154-Diff. Gasket sets 3P 	85155-Wheel Nut Set 2P 
85157-Chassis Brace Mount 	85158-Manifold Spring and Fix Plate 	85159-Gearbox Housing Set 	85160-Fuel Tank Post Set 


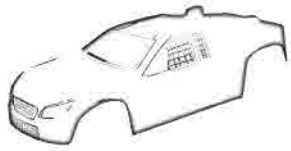

1/8 Scale Nitro Powered Truggy Spare Parts

85161-Disc Brake Sets 	85162-Suspension Holders 	85163-Radio Tray Post 	85164-Servo Linkage Set 
85165-Front Upper Outside Pins 2pcs+ Front/rear Lower Outside Pins 2sets 	85166-Spacers for Rear Lower Outside Pins 8P 	85167-Spacers for Front Upper/lower Outside Pins 8P 	85168-Steering Plate Bushing 4P 
85169-ball bearings 8pcs 16*8*5 6pcs 10*5*4 2pcs 	85170-E-clips 2.0 10P 	85171-E-Clip 3.0 10P 	85172-Flat Head Hex. Tapping Screws 3*16 8P 
85173-Flat Head Hex. Tapping Screws 4*11 8P 	85174-Flat Head Hex. Tapping Screws 4*55 4P 	85175-Button Head Hex. Tapping Screws 3*10 8P 	85176-Button Head Hex. Tapping Screws 4*14 8P 
85177-Cap Head Hex. Mechanical Screws 4*10 8P 	85178-Button Head Self Mechanical screw set 4*10mm 8P 	85179-Button Head Hex. Tapping Screws 3*15 8P 	85180-Cap Head Hex. Mechanical Screws 3*18 6P 
85181-Cap Head Hex. Mechanical Screws 3*18 6P 	85182-Cap Head Hex. Mechanical Screws 3*10 6P 	85183-Ball head self Tapping screw set 2*24mm 6P 	85184-Cap Head Hex. Mechanical Screws 3*12 6P 

1/8 Scale Nitro Powered Truggy Spare Parts

85185-Cap Head Hex. Mechanical Screws 3*25 6P 	85186-Washer 6*3.1*0.5 6P 	85187-Washer 17*6.1*0.3 6P 	85188-Washer 7.8*3.0*0.3 6P 
85189-Washer 11*3.1*0.5 6P 	85190-Washer 6*2.6*0.5 6P 	H0007-AM Receiver 	85192-Steering Servo Horns 
H0010-9kg/cm Steering Servo Unit 	H0011-3kg/cm Throttle Servo Unit 	85195-Zip Ties 	85196-Steering Linkage Ball Studs 6pcs 
H0012-Battery Case 	85198-Set screws 4*4mm 6P 	85199-Throttle Servo Horns 	85200-Rear Outer Susp. Pin 2P 
85201-Sway bar fix plate 4P 	85203-Front Shock body 2P 	85204-Rear Shock body 2P 	R0021-VRX-1 Printed body (Blue) 
R0022-VRX-1 Printed body (Black) 	R0023-VRX-1 Printed body (Blue) 	R0024-VRX-1 Printed body (Red) 	R0025-VRX-1 Printed body (Blue) 

1/8 Scale Nitro Powered Truggy Spare Parts

R0026-VRX-1 Printed body (Black) 	R0020-VRX-1 clear body 	85202-Engine Screw Spacer 4P 	
--	---	--	--

1/8 Scale Nitro Powered Off-road Truggy Upgradable Parts

85901-Centre Differentials Plate(Carbon Fibre) 	85902-Front Top Plate (Carbon Fibre) 	86902-Radio Plate (Carbon Fibre) 	86903-Rear Shock Plate(Al.) 
86904-Front Shock Plate (Al.) 	85909-Front Brace (Al.) 	85912-Rear Brace (Al.) 	85913-Centre Diff. Mount 2P 
85915-Rear Hub Carrier Set 2P 	85931-Front Upper Suspension Arms 2P 	85932-Front Lower Suspension Arms 2P 	85933-Rear Lower Suspension Arms 2P 
85934-Centre Front Universal Joint Shaft (short) 	85935-Centre Rear Universal Joint Shaft (long) 	85936-Rear Universal Joint Shafts 2P 	85925-Steering Knuckles (L/R) 

ITEM NO	DESCRIPTION
21-0100-M1	Cylinder Head MOLD Blue
21-0100-M2	Cylinder Head MOLD Black
28-0100-P1	Cylinder Head CNC Blue
28-0100-P2	Cylinder Head CNC Black
28-0200	28 Burn Room
28-0303	Burn Room Washer (0.3mm)
28-0302	Burn Room Washer (0.2mm)
28-0600	Connecting Rod For 21.25.28
28-0800	28Crankcase Main Body
28-0900	Crankshaft 14mm 8.8 (SG)
28-1000	Rear Cover For 21.25.28
28-1200	Pull Start Completely Set
28-2000	Carburetor Completely Set (Slide)
28-2001	Carburetor Main Body (Slide)
28-2004	Throttle (Slide)
28-2006	Throttle Stop Adjustment Screw
28-2103	28 Cylinder Sleeve Piston 3P
28-2203	28 Cylinder Completely Set3P
28-3100	"T" Start Axle Set 21.25.28
21-2003	Throttle Needle (Slide)
GO-1500	Carburetor Setting Pin
GO-2002	Throttle Screw Cap
GO-2007	Fuel Supply Washer 7.5x4
GO-2008	Fuel Supply Nipple
GO-2009	Fuel Supply Washer Aluminum 7.5x5
GO-2010	Main Needle Seat
GO-2011	Main Needle
GO-W001	"G" Pin Snap Ring 2pcs/set
OR-0001	"O" Ring 2x1.8
OR-0006	Rubber Adaptor For 21.25.28
OR-0010	Throttle Boot For 21.25.28
OR-0014	"O" Ring 10x1.3
OR-0025	"O" Ring 2.9x1.78
OR-0027	"O" Ring AS-018
OR-0028	"O" Ring 15.2x1.5
CU-0001	Brass Cone
S6-2606	Screw M2.6x6 4pcs
S6-3003	Screw M3x3
S6-3516	Screw M3.5x16 4pcs
B-607	Front Bearing 7mm
B-AY14	Rear Bearing 14mm
P-0416	Piston Gudgeon Pin 4x15.55

28R EXPLODED VIEW&PARTS LIST



GO ENGINE CO., LTD.

