**THINGS NEEDED**

You will need to buy a few items to start the engine and run the car.
- Use 20% nitro CAR fuel. Do not use airplane fuels, they will overheat engine.

- Buy long glow plugs, like OFNA/PICCO P-7 (#51007). Use plugs without idle bar. Do NOT buy hot plugs, like the MC-59.

In your box you will find..
- #10218 - Red “C” size glow heater

You need to get batteries for the radio transmitter and the car receiver packs.
- Radio TX needs (8) eight AA batteries
- Car needs (4) four AA batteries.

Recommendation:
You may want to upgrade the car battery pack to a Ni-Mh 5 cell Flat type. This will give more run time.

**TOOLS NOT INCLUDED IN KIT**

[Images of various tools: Phillips Type Screw Drivers (L), Phillips Type Screw Drivers (S), Needle Nose Pliers, Cutter, Curved Scissors, Instant Cement, Masking Tape, Paints, Knife, Cross Wrench #17109 $3.95, Glow Plug & 17MM Cross Wrench #10801 $6.95]
**READ THIS BEFORE RUNNING**

Running a nitro kit is fun and easy, but to make this a safe and good experience you must observe a few rules. This kit is extremely fast, easily over 40MPH, and can seriously injure someone if you are not careful.

**Precautions**
- This kit is not a toy. Always run car with a second person as a spotter and pitman.
- Hot Parts - The pipe, manifold, engine and head are very hot and will cause burns.
- Rotating Parts - Keep hands away from the drive train, wheels, and engine when engine is running.
- Radio - Check batteries life before running the car. If radio does not have full control of the car with steering and/or throttle/brake do not run until corrected. Failure to correct this will result in possible injury and damage to the car or property.
- Do not operate the car at night. You will not be able to drive it without hitting something.
- Glow fuel - Do leave the glow fuel unattended with the lid off. Fuel contains Methanol and Nitro Methane and is flammable and poisonous.

**Glow Fuel**
- Glow fuel is poisonous!
- Glow fuel is flammable!
- Do not leave in fuel bottle with lid off at any time.
- Do not use any fuel other than glow fuel in this engine.

**Glow Fuel**

Store fuel in cool ventilated location. Refer the glow fuel label for additional precautions.

**First Time Starting the Engine**

Caution! When starting engine make sure the following is observed.
- Oil the air filter FOAM Element! OFNA #10015.. $9.95
- Set engine Master needle to 4 turns (rich setting)
- Do not do this alone, get an experienced friend to help at first.
- Fill fuel tank, try not to spill fuel. Do not spill fuel on receiver
- Hold car off the ground, so it will not runaway when first starts
- Turn on Radio and check the linkage before starting engine.
- Turn on car receiver battery switch.
- Always have an air filter on the carburetor to keep dirt out.

**Engine Break-in**
- See Engine Page.

**Emergency Stopping Engine When Running**
- Remove air filter and cover carb. intake.
- Squeeze fuel line and hold until engine stops.
- With a rag, cover exhaust outlet.

**Storing Car After Running**
- Remove fuel from tank and fuel lines
- Turn off radio in car
- Put a few drops of after run in engine to keep it from rusting.

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**IF YOU DO NOT BREAK-IN ENGINE CORRECTLY, MAINLY AT LOW RPM, YOU WILL BREAK THE CONNECTING ROD!**

**FAILURE TO NOT READ AND FOLLOW BREAK-IN ENGINE INSTRUCTIONS WILL VOID WARRANTY!**
CHECKING ENGINE THROTTLE

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Turn on transmitter.</td>
<td>2. Turn on receiver.</td>
<td>2. Adjust alum. Stopper to increase or decrease the brake.</td>
</tr>
<tr>
<td>3. Center throttle trims as shown.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Align throttle servo same as shown.

IMPORTANT CHECK RADIO THROTTLE AND STEERING SWITCHES BEFORE RUNNING CAR

* Insert into transmitter.

1. Pull Full Throttle.

1. Push trigger to full brake position.

2. Adjust alum. Stopper to increase or decrease the brake.

Idle Position (A)

Brake ©

Full Throttle (B)

• Full throttle arm position. Spring rod pulls throttle barrel open and brake rods release pressure on brake cams.

• Full brake arm position. Spring compresses forward and brake rods pull brake levers.

ASSEMBLY OF THE AIR FILTER

You must oil foam filter before use. Filter will not work if not oiled.

Clean with soap and water only. You will damage foam if washed if fuel!

<table>
<thead>
<tr>
<th>#10015, Foam Filter oil, Very Sticky</th>
<th>#10021 - Black</th>
<th>#10027 - Yellow</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>#10028 - Pink</td>
<td>#10029 - Blue</td>
</tr>
<tr>
<td>#10016, Air Filter Sponge Refills</td>
<td></td>
<td>Air Filter Connector</td>
</tr>
<tr>
<td>3 x 10mm Tapping Screw</td>
<td>Nylon Strap (Small)</td>
<td>Nylon Strap (Small)</td>
</tr>
</tbody>
</table>

#10017 - Blue
#10018 - Yellow
#10019 - Rose
Foam Air Filters Unit
**Before Running**

Your radio control model can move at high speed and therefore can cause injury to people or damage to property. It is your responsibility to operate your model safely.

- For radio equipment, refer to the manual included with the radio.
- Check that all screws and nuts are tight.
- If the model begins to operate by itself, there is someone else on your frequency. Do not try to operate your model under these conditions for it may go out of control.
- Fill in the fuel.
- Fully extend transmitter antenna.
- Switch on transmitter.
- Switch on receiver.

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**Starting Up**

For engine use, refer to the manual included with the engine.

- To prime the engine with fuel, press down the primer button.
- Attach one clip to the glow plug's end and the other clip to one of the cylinder cooling fins.

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**While Running**

Check that the model turns in proportion to the amount you move the steering control of the transmitter.

- Check that the speed of the model changes in proportion to the amount you move the speed control of the transmitter.
- By pushing with your fingers the air cleaner, interrupt the engine.
- Switch off receiver.
- Switch off transmitter.

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**Cautions for Safety**

- Do not run your model through water. This may cause rust or electrical problems.
- If model does not operate correctly stop it and find the cause.
- Check the batteries.
- After each run, the model is hot. Beware of getting burned.
- Keep hands and tools away from moving parts.
- Never throw burning, glowing or smouldering things into fuel cans even if these happen to be empty. This is very dangerous to life! Use genuine parts.