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› Kyosho 33012T5 1/8 Inferno Neo 3.0 Readysset 4WD Racing Buggy User Manual

Kyosho 33012T5

Kyosho Inferno Neo 3.0 Readysset 4WD Racing Buggy User Manual

Model: 33012T5

1. INTRODUCTION

Thank you for purchasing the Kyosho Inferno Neo 3.0 Readysset 4WD Racing Buggy. This model inherits the championship-winning DNA of the Inferno series, offering exceptional off-road performance right out of the box. This manual will guide you through the setup, operation, and maintenance of your new RC buggy to ensure a safe and enjoyable experience.



Figure 1: The Kyosho Inferno Neo 3.0 Readyset 4WD Racing Buggy and its included remote control.

2. SAFETY PRECAUTIONS

Operating an RC vehicle requires attention to safety. Please read and understand all warnings before use.

- **Always operate in a safe area:** Avoid public roads, crowded areas, and near people or animals.
- **Engine Safety:** The KE21SP engine operates at high temperatures. Do not touch the engine or exhaust pipe immediately after use. Allow it to cool down completely.
- **Fuel Handling:** Use only recommended nitro fuel. Store fuel in a well-ventilated area, away from open flames or heat sources. Fuel is highly flammable.
- **Battery Safety:** Ensure batteries are charged correctly and handled with care. Do not short-circuit or puncture batteries.
- **Moving Parts:** Keep fingers, hair, and loose clothing away from rotating parts like wheels, gears, and the engine flywheel.
- **Adult Supervision:** This product is not a toy. Adult supervision is recommended for users under 14 years of age.
- **Water and Moisture:** While the servo is waterproof, avoid submerging the vehicle. Electronic components can be damaged by excessive moisture.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x Kyosho Inferno Neo 3.0 Readysset 4WD Racing Buggy
- 1 x Remote Control
- 2 x Batteries (for remote control)
- User Manual (this document)

4. SETUP

4.1 Unpacking and Inspection

Carefully remove all components from the packaging. Inspect the buggy for any visible damage that may have occurred during shipping. If any damage is found, contact your retailer immediately.

4.2 Battery Installation

Install the provided batteries into the remote control. Ensure correct polarity (+/-) as indicated in the battery compartment.

4.3 Fueling and Engine Preparation

The Kyosho Inferno Neo 3.0 is powered by a KE21SP nitro engine. Proper fueling and engine preparation are crucial for optimal performance and longevity.

1. **Fuel Type:** Use high-quality RC nitro fuel (typically 20-30% nitromethane content) specifically designed for RC car engines.
2. **Filling the Fuel Tank:** Carefully fill the fuel tank using a fuel bottle. Do not overfill. Ensure the fuel cap is securely closed.
3. **Glow Plug:** Ensure the glow plug is properly installed and tightened. A glow plug igniter (sold separately) is required to start the engine.
4. **Air Filter:** Check that the air filter is clean and properly oiled to protect the engine from dust and debris.



Figure 2: Side view of the Kyosho Inferno Neo 3.0, highlighting the engine and suspension components.

5. OPERATING INSTRUCTIONS

5.1 Starting the Engine

Before attempting to start the engine, ensure all safety precautions are understood.

1. Place the buggy on a stand or block to keep the wheels off the ground.
2. Turn on the remote control, then turn on the receiver switch on the buggy.
3. Attach the glow plug igniter to the glow plug.
4. Pull the recoil starter cord firmly and smoothly until the engine starts. Do not pull the cord to its maximum extension.
5. Once the engine starts, remove the glow plug igniter. The engine should idle smoothly.

5.2 Driving Controls

The remote control provides precise command over your buggy:

- **Throttle Trigger:** Pull to accelerate forward. Push to apply brakes/reverse (if configured).
- **Steering Wheel:** Turn left to steer left, turn right to steer right.
- **Trim Adjustments:** Use the trim dials on the remote to fine-tune steering and throttle neutral positions if the buggy pulls to one side or idles incorrectly.

5.3 Driving Tips

- Start with gentle throttle inputs to get a feel for the buggy's power.
- Practice steering in open areas before attempting complex maneuvers.
- Be mindful of obstacles and terrain changes. The Inferno Neo 3.0 is designed for off-road, but extreme impacts

can cause damage.

- Monitor engine temperature. If the engine is excessively hot, allow it to cool down before continuing.

6. MAINTENANCE

Regular maintenance is essential for the longevity and performance of your Kyosho Inferno Neo 3.0.

6.1 General Cleaning

- After each run, clean dirt and debris from the chassis, suspension, and drivetrain using a soft brush or compressed air.
- Wipe down the body with a damp cloth.

6.2 Engine Maintenance

- **Air Filter:** Clean and re-oil the air filter regularly, especially after running in dusty conditions. A dirty air filter can severely impact engine performance and life.
- **Glow Plug:** Inspect the glow plug for wear. Replace if the filament is broken or corroded.
- **After-Run Oil:** Apply a few drops of after-run oil into the engine's carburetor and exhaust port after each running session to prevent corrosion, especially during storage.

6.3 Suspension and Tires

- **Shocks:** Check the Big Bore Shocks for leaks and smooth operation. Refill with appropriate shock oil as needed.
- **Tires:** Inspect KC Moto-Cross style tires for wear and tear. Replace worn tires for optimal traction. Ensure wheel nuts are tight.
- **Bearings:** Periodically check and clean bearings. Lubricate if necessary.



Figure 3: Rear view of the Kyosho Inferno Neo 3.0, showing the rear wing and exhaust system.

7. TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Engine won't start	No fuel; Dead glow plug; Flooded engine; Low remote/receiver battery	Check fuel level; Replace glow plug; Clear engine (remove glow plug, pull cord several times); Replace/charge batteries
Loss of control/range	Low remote/receiver battery; Interference; Damaged antenna	Replace/charge batteries; Change operating location; Check antenna connections
Buggy pulls to one side	Steering trim incorrect; Damaged steering linkage	Adjust steering trim on remote; Inspect and repair linkage
Engine stalls frequently	Improper engine tuning; Dirty air filter; Low fuel	Adjust carburetor settings; Clean/replace air filter; Refuel

8. SPECIFICATIONS

Key specifications for the Kyosho Inferno Neo 3.0 Readysset 4WD Racing Buggy:

Feature	Detail
Product Dimensions	18.5 x 12.2 x 7.48 inches
Item Weight	11.22 pounds
Item Model Number	33012T5
Engine	KE21SP with recoil pull starter
Shocks	Big Bore Shocks with 3.5mm thick shafts
Front Shock Tower	5mm aluminum MP777
Tires	KC Moto-Cross style
Servo	KS5031-09MW (high-response, torque, waterproof)
Manufacturer	Kyosho

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Kyosho website or contact your authorized Kyosho dealer. Keep your proof of purchase for any warranty claims.

Visit the [Kyosho Store on Amazon](#) for more products and information.

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question