

TAMIYA 56338

Tamiya Scania R470 Highline 1/14 Scale RC Truck Instruction Manual

Model: 56338

1. INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your Tamiya 1/14 scale Scania R470 Highline remote control transport truck kit. Please read this manual thoroughly before beginning assembly or operation to ensure correct usage and to maximize the performance and longevity of your model.

2. PRODUCT OVERVIEW

2.1 Features

- Ladder frame aluminum channel chassis with resin cross member.
- Rear-wheel drive system with driveshaft.
- Equipped with a 540 size motor.
- Coupler compatible with all current Tamiya 1/14 scale trailers.
- Cabin tilts forward, featuring inner and outer fender detail, finished in metallic orange.
- Three-speed transmission.
- Suspension includes metal leaf springs and coil spring shocks.
- Die-cast metal front axle float-mounted on leaf spring and damper.
- Resin rear axle with differential gear.

2.2 What's in the Box

- Tamiya 1/14 scale Scania R470 Highline Truck Kit.
- 540 size motor.
- Metallic orange body parts.
- Decal sheet.
- Instruction manual (this document).

2.3 Product Image



A detailed view of the Tamiya 1/14 scale Scania R470 Highline remote control truck kit, showcasing its metallic orange cabin, silver grille, and realistic wheel design.

3. SETUP AND ASSEMBLY

This product is a kit and requires assembly. Refer to the separate detailed assembly manual included in the box for step-by-step instructions. The following components are required and sold separately:

3.1 Required Components (Sold Separately)

- **Radio:** 4-channel radio system with a 4-channel receiver and analog or digital trim function.
- **Servos:** Two standard size servos for steering and shifting.
- **Electronic Speed Control (ESC):** Tamiya TEU302BK is recommended. Do not use Tamiya TEU101BK or TEU104BK.
- **Battery:** 6-cell flat battery with a Tamiya type connector.
- **Paint:** Polycarbonate-safe paint for any spare body parts or custom finishes.
- **Miscellaneous:** Various building and track equipment as detailed in the assembly manual.

Note: If using the Tamiya Multi-Function Control Unit (TAMC6511, not included), refer to its specific instructions for compatibility and setup, as it provides various truck-related sound effects and lighting functions.

4. OPERATING INSTRUCTIONS

Once assembly is complete and all required components are installed, follow these general operating guidelines:

4.1 Pre-Operation Checklist

- Ensure the battery is fully charged and securely connected.
- Verify all radio connections are secure and the transmitter batteries are fresh.
- Check that all screws and fasteners are tightened appropriately.
- Confirm steering and throttle trims are centered on your transmitter.

4.2 Powering On

1. Turn on your radio transmitter first.
2. Then, turn on the power switch on the truck's Electronic Speed Control (ESC).
3. Observe for proper initialization (e.g., ESC LED indications, servo movement).

4.3 Basic Controls

- **Steering:** Use the steering wheel/stick on your transmitter to control the front wheels.
- **Throttle:** Use the throttle trigger/stick to control forward, brake, and reverse movement.
- **Gear Shifting:** Utilize the designated channel on your transmitter to shift between the three available gears. Practice shifting at low speeds initially.

4.4 Safety Precautions

- Operate your RC truck in open areas, away from people, pets, and obstacles.
- Avoid operating in wet conditions or near water to prevent damage to electronic components.
- Always turn off the truck's power first, then the transmitter, after use.
- Do not touch moving parts during operation.

5. MAINTENANCE

Regular maintenance will help ensure the longevity and optimal performance of your Tamiya Scania R470 Highline.

5.1 After Each Use

- Clean the truck: Remove dirt, dust, and debris from the chassis, wheels, and body using a soft brush or compressed air.
- Inspect for damage: Check for any loose screws, bent parts, or damaged components.
- Charge batteries: Recharge the main drive battery and transmitter batteries as needed.

5.2 Periodic Maintenance

- Lubrication: Apply appropriate lubricants to moving parts such as gears and bearings as specified in the assembly manual.
- Tire inspection: Check tires for wear and tear. Replace if necessary.
- Electronics check: Ensure all wiring and connectors are free from corrosion and securely attached.

6. TROUBLESHOOTING

If you encounter issues with your Tamiya Scania R470 Highline, consider the following common troubleshooting steps:

- **No Power:** Check battery connections, ensure batteries are charged, and verify the ESC switch is on.

- **No Response from Controls:** Ensure both transmitter and receiver are powered on and properly bound. Check transmitter batteries. Verify servo connections.
- **Poor Performance:** Check for debris in moving parts, ensure gears are properly meshed, and inspect motor for overheating.
- **Unusual Noises:** Stop operation immediately and inspect for foreign objects, damaged gears, or loose components.

For more complex issues, refer to the detailed troubleshooting section in your assembly manual or contact Tamiya customer support.

7. SPECIFICATIONS

Specification	Value
Length	452mm (18 inches)
Width	187mm (7.4 inches)
Height	293mm (11.5 inches)
Item Weight	10.23 pounds
Gear Ratio (Low Gear)	1:32.49
Gear Ratio (2nd Gear)	1:17.66
Gear Ratio (Top Gear)	1:20.66
Recommended Age	14 months and up
Manufacturer	Tamiya
Model Number	56338

8. WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the warranty card included with your product or visit the official Tamiya website. For technical support, replacement parts, or further assistance, please contact Tamiya customer service through their official channels.

ASK A QUESTION ABOUT THIS MANUAL

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