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## Revell 14524

# Revell 14524 1932 Ford Roadster 1:25 Scale Model Car Building Kit Instruction Manual

Model: 14524 | Brand: Revell

## INTRODUCTION

This instruction manual provides detailed guidance for assembling the Revell 14524 1932 Ford Roadster 1:25 Scale Model Car Building Kit. This kit is designed for model builders with a Skill Level 4, indicating that experience in gluing and painting is required. It contains 127 precision-engineered parts, allowing for the creation of a highly detailed replica.

Please read all instructions carefully before beginning assembly. Familiarize yourself with the parts and the assembly sequence to ensure a smooth building experience.



## SAFETY INFORMATION

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**Warning:** This product is for external use only. Model kits contain small parts and sharp components. Keep out of reach of small children. Adult supervision is recommended for builders under the age of 12. Always work in a well-ventilated area when using paints and glues.

## SETUP AND PREPARATION

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### Unpacking the Kit

1. Carefully open the kit box and remove all sprues (frames holding the plastic parts), clear parts, chrome parts, black vinyl tires, and decal sheet.
2. Verify that all 127 parts are present by comparing them against the parts list provided in the kit's internal diagram (not included in this manual).
3. Separate the parts from the sprues using a hobby knife or sprue cutters. Exercise caution to avoid damaging the parts.

### Required Tools and Materials (Not Included)

- Plastic cement or model glue
- Hobby knife or sprue cutters
- Small files or sandpaper (fine grit) for cleaning mold lines
- Model paints (acrylic or enamel, as desired)
- Paintbrushes (various sizes)
- Tweezers for small parts and decals
- Cutting mat

## ASSEMBLY INSTRUCTIONS

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Follow the numbered steps in the kit's primary instruction sheet for the most accurate assembly sequence. The following sections highlight key features and provide general guidance.

### Chassis and Engine Assembly

Begin by assembling the chassis components. The kit features a modern supercharged small block engine. You will have a choice of two carburetor intakes to customize your build. Carefully attach the engine to the chassis, ensuring proper alignment with the drive shaft and exhaust pipes. This can be a tricky step, so dry-fit parts before applying glue.



Figure 2: Detailed view of the supercharged engine, front suspension, and grille assembly.



Figure 3: Underside view showing the detailed chassis, exhaust system, and drivetrain components.

## Body and Interior

The body is molded in white plastic, ready for painting. The kit includes a unique Duvall windshield and a classic-styled interior with a bench seat. Pay close attention when assembling the steering wheel to ensure it aligns correctly with the dashboard and driver's position.



Figure 4: Overhead view highlighting the detailed engine compartment and the classic interior with bench seating.



Figure 5: Rear three-quarter view of the assembled model, showing the interior, rear fenders, and custom pinstriping on the trunk.

## **Wheels, Tires, and Fenders**

Attach the custom wheels and black vinyl tires. The kit offers optional front and rear fenders, allowing you to choose between a fendered or fenderless hot rod look. Ensure the tires are properly seated on the wheels and that the wheel assemblies rotate freely.

## **Finishing Touches: Paint and Decals**

The kit includes chrome-plated parts for accents. After painting the body and other components, apply the decals. The kit provides a choice of three graphic packages, including flame decals. Apply decals carefully using water and a soft brush, ensuring they adhere smoothly without air bubbles. Allow sufficient drying time for all paint and decals.



Figure 6: Side profile of the completed model, showcasing the flame graphics and custom exhaust.

## MAINTENANCE

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Once assembled, your Revell 1932 Ford Roadster model requires minimal maintenance to preserve its appearance.

- **Cleaning:** Dust the model regularly with a soft, dry brush or a microfiber cloth. Avoid using harsh chemicals or abrasive cleaners, as these can damage paint and decals.
- **Storage:** Store the model in a cool, dry place away from direct sunlight to prevent fading of paint and decals. Display cases can help protect the model from dust and accidental damage.
- **Handling:** Handle the model by its base or main body whenever possible to avoid stressing delicate parts.

## TROUBLESHOOTING COMMON ASSEMBLY ISSUES

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Even experienced modelers can encounter challenges. Here are some common issues and solutions:

- **Parts Not Fitting:**
  - Ensure you are using the correct parts for the step. Refer to the parts diagram.
  - Check for excess plastic (flash) on the edges of parts. Carefully trim with a hobby knife or sand with fine-grit sandpaper.
  - Dry-fit parts before applying glue to identify any alignment issues.
- **Engine, Driveshaft, and Exhaust Alignment:**
  - Assemble these components in sequence, ensuring each piece is correctly oriented before the glue sets.
  - Use small amounts of glue to allow for minor adjustments.
- **Steering Wheel Assembly:**
  - The steering wheel needs precise placement to match the dashboard. Test fit it multiple times to find the correct angle and depth before gluing.
- **Decal Application Issues:**
  - **Silvering:** This occurs when air is trapped under the decal. Ensure the surface is glossy before application. Use a decal setting solution to help the decal conform to the surface and eliminate air.
  - **Wrinkling/Tearing:** Handle decals gently with tweezers. Apply to a wet surface to allow for repositioning.

- **Paint Adhesion/Finish:**

- Ensure parts are clean and free of oils or mold release agents before painting. Wash parts with mild soap and water, then dry thoroughly.
- Apply paint in thin, even coats to avoid brush marks or thick layers.

## SPECIFICATIONS

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Feature	Detail
Brand	Revell
Model Name	32 Ford Roadster
Item Model Number	14524
Scale	1:25
Number of Pieces	127
Skill Level	4 (Experience in gluing and painting required)
Material	Plastic
Product Dimensions (L x W x H)	5.87 x 2.95 x 2.24 inches
Item Weight	10.8 ounces (0.31 Kilograms)
UPC	031445145247
Recommended Age	12 years and up
Included Components	Plastic Model Building Kit

## WARRANTY AND SUPPORT

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Specific warranty information for this Revell model kit is not provided in the product details. For any questions regarding missing parts, assembly challenges, or product defects, please contact Revell customer support directly through their official website or the contact information provided on the kit packaging.

You can visit the official Revell website for additional resources and support:[www.revell.com](http://www.revell.com)