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Revell 14546

Revell 14546 1980 Ford Dually Pickup Truck Model Kit Instruction Manual

1:25 Scale 40-Piece Skill Level 4 Model Building Kit

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1. INTRODUCTION

This instruction manual provides detailed guidance for assembling the Revell 14546 1980 Ford Dually Pickup Truck model kit. This kit is designed for model builders aged 12 and up, with a Skill Level 4 rating, indicating that experience in gluing and painting is required. Follow these instructions carefully to ensure a successful and enjoyable building experience.



Image 1.1: Completed Revell 1980 Ford Dually Pickup Truck model.

2. SAFETY INFORMATION

Always prioritize safety when working with model kits. This kit contains small parts and requires the use of adhesives and paints, which may contain chemicals. Please observe the following safety guidelines:

- **Adult Supervision:** Recommended for builders under 16 years of age.
- **Ventilation:** Work in a well-ventilated area when using glues and paints.
- **Eye Protection:** Consider wearing safety glasses to protect against small flying plastic pieces during cutting or sanding.
- **Keep Out of Reach:** Store all kit components, tools, glues, and paints out of reach of small children and pets.
- **Sharp Tools:** Exercise caution when using hobby knives, clippers, and other sharp tools.



Image 2.1: Revell Skill Level Guide, highlighting Level 4 requirements.

3. KIT CONTENTS AND REQUIRED MATERIALS

The Revell 14546 kit includes 40 plastic parts molded in white, black, and clear. It also includes a detailed instruction sheet and decals. Please note that **paint and glue are required and are not included** in this kit.

3.1. Included Components:

- 40-piece plastic model kit (molded in white, black, and clear)
- Decal sheet
- Detailed instructions

3.2. Materials Required (Not Included):

- Plastic model cement (glue)
- Hobby knife or sprue cutters
- Small files or sandpaper (various grits)
- Model paints (acrylic or enamel, as desired)
- Paintbrushes (various sizes)
- Tweezers
- Clean cloth

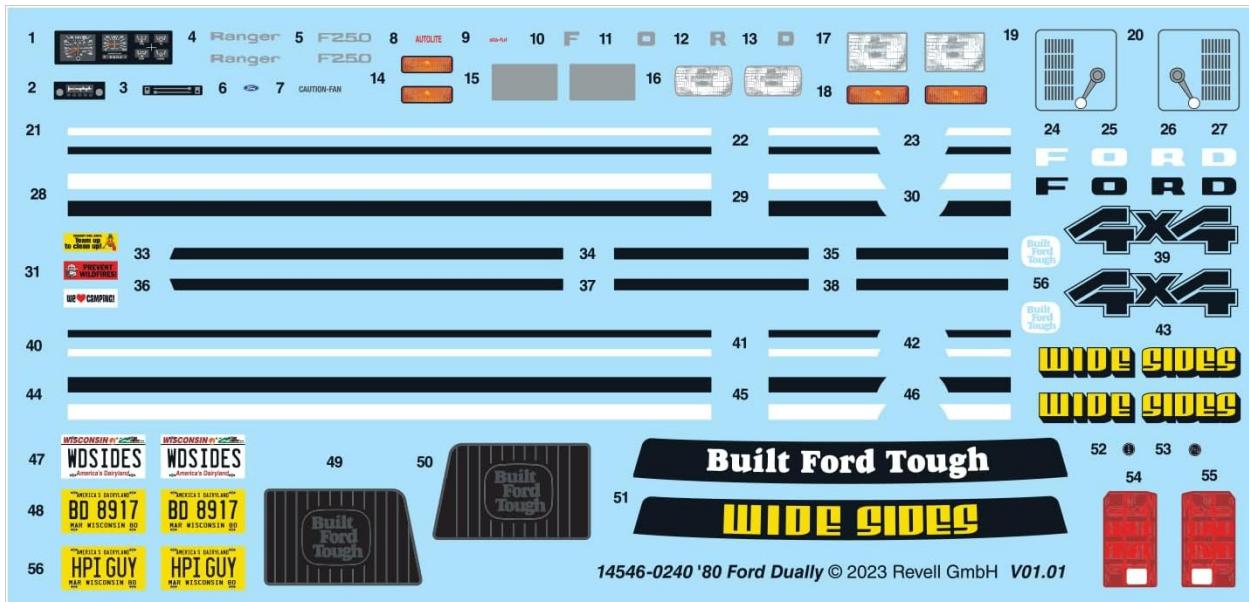


Image 3.1: Decal sheet included with the model kit.

4. SETUP AND PREPARATION

Before beginning assembly, prepare your workspace and model parts:

- Clear Workspace:** Ensure your work area is clean, well-lit, and free from clutter.
- Organize Parts:** Carefully remove all parts from their sprues using sprue cutters or a hobby knife. Be gentle to avoid damaging small pieces.
- Clean Parts:** Wash all plastic parts in mild soapy water, rinse thoroughly, and allow them to air dry completely. This removes mold release agents that can interfere with paint and glue adhesion.
- Inspect Parts:** Check for any flash (excess plastic) or mold lines. Carefully remove these using a hobby knife, files, or fine-grit sandpaper.

5. ASSEMBLY INSTRUCTIONS

Follow these steps in order for optimal assembly. Refer to the included detailed instruction sheet for specific part numbers and diagrams.

5.1. Chassis and Drivetrain Assembly

Begin by assembling the four-wheel-drive chassis. Attach the separately molded axles to the chassis frame. Ensure all connections are secure before proceeding.

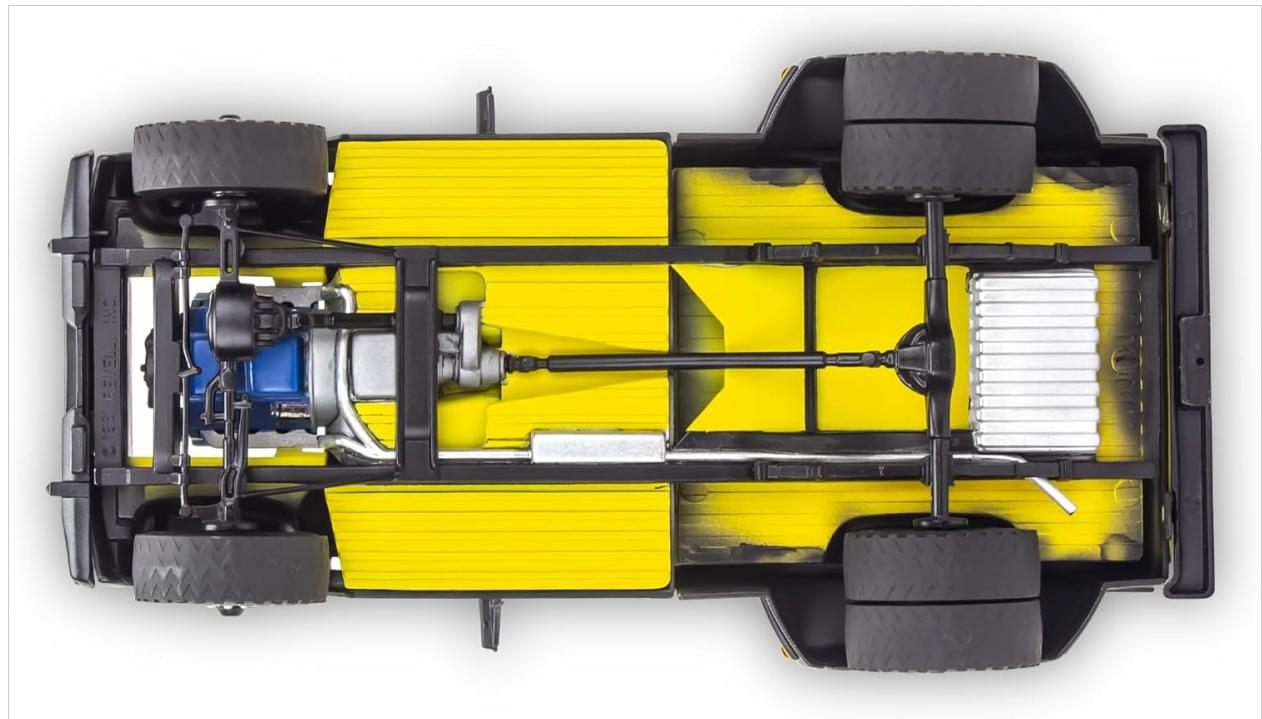


Image 5.1: Underside view of the chassis and drivetrain.

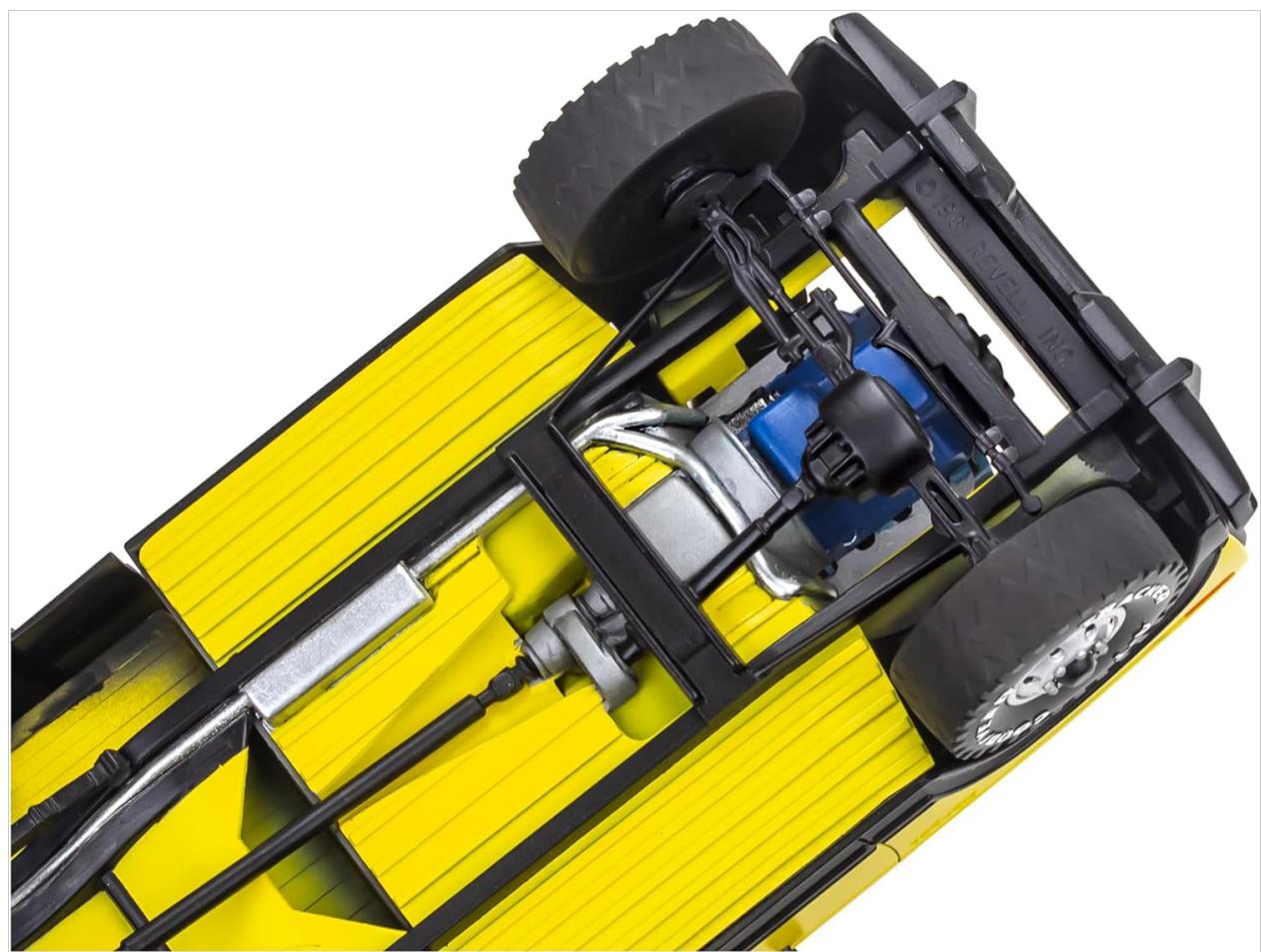


Image 5.2: Detailed view of the chassis components.

5.2. Engine Detail

Assemble the V-8 engine components. The kit features an opening hood to display the engine detail. Paint engine parts before assembly for a more realistic finish.



Image 5.3: Engine bay with V-8 engine detail.

5.3. Cab and Front End Assembly

Assemble the standard cab and attach it to the chassis. Then, assemble the finely detailed grille and front bumper components. Attach the door-mounted oversize mirrors.



Image 5.4: Front end assembly with grille and bumper.

5.4. Pickup Bed Assembly

Assemble the one-piece “shortie” pickup bed with its extended “dually” rear fenders. Attach the bed to the cab and chassis assembly.



Image 5.5: Rear pickup bed with dually fenders.

5.5. Wheels and Tires

Mount the big-rig-style wheels onto the oversize tires. Attach the completed wheel assemblies to the axles. Ensure they rotate freely if desired.

5.6. Final Details and Decals

Apply any remaining small detail parts. Carefully apply the decals according to the decal placement guide provided in the kit instructions. Use a decal setting solution for best results.



Image 5.6: Front view of the assembled model.

6. PAINTING GUIDE

Painting is a crucial step for a realistic finish. This kit is molded in white, black, and clear, providing a good base for customization. Consider the following:

- **Primer:** Apply a thin coat of primer before painting to ensure better paint adhesion and a uniform base color.
- **Thin Coats:** Apply multiple thin coats of paint rather than one thick coat to avoid obscuring details and to prevent paint runs.
- **Drying Time:** Allow adequate drying time between coats and before handling painted parts.
- **Detail Painting:** Use fine brushes for small details like interior components, lights, and trim.
- **Clear Coat:** After decals are applied and dry, a clear gloss or matte coat can protect the paint and decals and provide a uniform finish.

7. MAINTENANCE

Once your Revell 1980 Ford Dually Pickup Truck model is complete, proper care will preserve its appearance:

- **Dusting:** Regularly dust the model with a soft brush or a can of compressed air to prevent dust buildup.
- **Cleaning:** For more thorough cleaning, gently wipe with a soft, damp cloth. Avoid harsh chemicals or abrasive cleaners, which can damage paint and plastic.
- **Display:** Display the model in a cool, dry place away from direct sunlight to prevent fading and warping. A display case can offer additional protection from dust and accidental damage.
- **Handling:** Handle the model by its base or main body whenever possible to avoid stressing delicate parts.

8. TROUBLESHOOTING COMMON ISSUES

Here are solutions to common problems encountered during model building:

Issue	Possible Cause	Solution
Parts not fitting together	Excess flash, mold lines, or incorrect part orientation.	Carefully trim flash/mold lines. Double-check part numbers and orientation with instructions.
Paint not adhering or peeling	Oily residue on parts, no primer, or incompatible paint type.	Ensure parts are clean and dry. Use a primer. Use paints designed for plastic models.
Decals wrinkling or tearing	Insufficient water, too much handling, or uneven surface.	Ensure decals are fully wet before sliding. Use tweezers. Apply to a smooth, glossy surface. Use decal setting solution.
Glue marks visible	Too much glue applied.	Apply glue sparingly. Use a fine applicator. Some glues can be cleaned with a cotton swab dipped in thinner (test first).

9. PRODUCT SPECIFICATIONS

Feature	Detail
Brand	Revell
Model Name	1980 Ford Dually Pickup Truck
Item Model Number	14546
Scale	1:25 Scale
Number of Pieces	40
Skill Level	4 (Advanced)
Recommended Age	12 years old and up
Material	Plastic
Product Dimensions	7.75 x 4.13 x 3.13 inches
Item Weight	0.704 ounces (0.02 Kilograms)
Key Features	One-piece “shortie” pickup bed with extended “dually” rear fenders, Four-wheel-drive chassis with separately molded axles, Big-rig-style wheels and oversize tires, Opening hood shows V-8 engine detail.

10. WARRANTY AND SUPPORT

This Revell model kit comes with a limited warranty. For specific details regarding warranty coverage or for technical support, please refer to the contact information provided on the product packaging or visit the official Revell website. For general inquiries or to purchase replacement parts (if available), please contact Revell customer service.

Revell Official Website: www.revell.com