

AMT AMT638R

AMT 1/25 1957 Chevy Bel Air Model Kit Instruction Manual

MODEL: AMT638R

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1. Introduction

This manual provides detailed instructions for assembling the AMT 1/25 scale 1957 Chevy Bel Air model kit (Model AMT638R). This kit is designed for hobbyists with a skill level of 2, indicating moderate experience in model building. Successful completion requires basic modeling tools, plastic cement, and paints. Please read all instructions carefully before beginning assembly.



Figure 1.1: The AMT 1/25 1957 Chevy Bel Air model kit box, showcasing the classic vehicle.



Figure 1.2: Key features of the model kit, including its 1:25 scale, skill level 2, and requirement for paint and glue. The kit is molded in blue and produced from vintage tooling, containing over 70 parts.

2. Safety Information

Always prioritize safety during model assembly. This product is intended for external use only, referring to the finished model as a display item. Keep all small parts and modeling tools out of reach of young children to prevent choking hazards. Use plastic cement and paints in a well-ventilated area. Avoid contact with skin and eyes. Refer to the specific safety instructions provided with your chosen adhesives and paints.

- **Ventilation:** Work in a well-ventilated space when using glues and paints.
- **Eye Protection:** Consider wearing safety glasses when cutting or sanding parts.
- **Sharp Tools:** Handle hobby knives and other sharp tools with extreme care.
- **Small Parts:** This kit contains small parts which may pose a choking hazard. Not suitable for children under 3 years.

3. Kit Contents

Before starting assembly, verify that all components are present and undamaged. The kit includes over 70 parts, typically consisting of:

- Molded plastic parts (body, chassis, interior, engine components)
- Chrome-plated parts (bumpers, trim, wheels)
- Clear plastic parts (windows, headlights)
- Rubber tires
- Water-slide decals
- Instruction sheet

Note: Additional materials such as plastic cement, hobby knife, sandpaper, and various paints are required and sold separately.

4. Assembly Instructions

Follow these steps for a structured assembly process. Refer to the included instruction sheet for detailed diagrams and part numbers.

4.1. Preparation of Parts

1. Carefully remove parts from the sprues using a hobby knife or sprue cutters.
2. Trim any excess plastic (flash) from the parts using a hobby knife or fine-grit sandpaper.
3. Clean all parts with mild soap and water to remove mold release agents, then allow them to dry completely.

4.2. Chassis and Suspension Assembly

Begin by assembling the main chassis frame. Attach suspension components, axles, and exhaust system as indicated in the instruction diagrams. Ensure all parts are aligned correctly before applying cement.



- **COLORFUL DECALS**
- **283 CHEVY® ENGINE**
- **DETAILED CHASSIS**

Figure 4.1: Detailed view of the model's chassis and engine, highlighting the exhaust system and engine components.

4.3. Engine Assembly

Assemble the 283 Chevy engine components. This typically involves joining engine block halves, adding cylinder heads, intake manifold, carburetor, and other accessories. Paint engine parts before final assembly for best results.

4.4. Interior Assembly

Construct the interior tub, including seats, dashboard, steering wheel, and door panels. Paint interior components according to your desired scheme before gluing them into place.

4.5. Body Preparation and Detailing

Prepare the body shell by sanding any mold lines and ensuring a smooth surface for painting. Attach any separate body panels or trim pieces that are not chrome-plated. The kit features colorful decals for additional detailing.

4.6. Wheel and Tire Assembly

Mount the rubber tires onto the chrome wheel hubs. Ensure the tires are seated correctly. Attach the assembled wheels to the axles on the chassis.

4.7. Final Assembly

Once the chassis, engine, and interior are complete and painted, carefully join the body to the chassis. Attach clear window parts, headlights, taillights, and chrome trim (bumpers, grille). Apply decals as per the instruction sheet.

5. Painting and Finishing

Painting is a crucial step for achieving a realistic finish. The kit is molded in blue, but painting is recommended for a professional appearance.

- **Body:** For the iconic 1957 Bel Air look, consider a two-tone paint scheme, such as turquoise with a white roof. Apply thin, even coats of model paint.
- **Interior:** Paint seats, dashboard, and door panels in appropriate colors.
- **Engine:** Detail the engine with various metallic and accent colors.
- **Decals:** Apply water-slide decals after painting and a clear gloss coat. Follow decal instructions carefully for best adhesion and appearance.
- **Clear Coat:** A final clear gloss or matte coat can protect the paint and decals.



Figure 5.1: A completed model demonstrating the potential for a detailed and painted finish.

6. Maintenance

To preserve the appearance of your finished model, follow these simple maintenance guidelines:

- **Cleaning:** Dust the model regularly with a soft, dry brush or a microfiber cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Display:** Display your model in a cool, dry place away from direct sunlight to prevent fading and warping. A display case can protect it from dust and accidental damage.
- **Handling:** Handle the model by its base or main body whenever possible to avoid damaging delicate parts.

7. Troubleshooting Common Issues

Model kits, especially those produced from vintage tooling, may present some common challenges. Here are solutions to typical issues:

Issue	Solution
Excess Flash on Parts	Carefully trim away excess plastic with a sharp hobby knife or fine-grit sandpaper. Be gentle to avoid damaging the part.
Parts Don't Fit Well	Dry-fit parts before gluing. If there are gaps, use sandpaper or a file to adjust the fit. Small gaps can be filled with plastic putty.
Decals Tear or Don't Adhere	Ensure the surface is glossy and clean before applying decals. Use decal setting solutions to help them conform to irregular surfaces and adhere better.
Paint Doesn't Adhere Evenly	Ensure parts are clean and free of oils or mold release agents. Apply paint in thin, multiple coats rather than one thick coat. Use a primer for better adhesion.

8. Specifications

Key specifications for the AMT 1/25 1957 Chevy Bel Air model kit:

- **Brand:** AMT
- **Model Number:** AMT638R
- **Scale:** 1:25
- **Product Dimensions (Assembled Model):** Approximately 8 inches (Width) x 3 inches (Depth) x 2.25 inches (Height)
- **Kit Box Dimensions:** Approximately 9.25 inches (Width) x 3.75 inches (Depth) x 6.5 inches (Height)
- **Weight:** 9.6 ounces (kit)
- **Manufacturer Recommended Age:** 18 months - 3 years *(Note: This age recommendation appears to be a general placeholder and does not reflect the actual skill level required for model building. The kit is more suitable for ages 10+ with adult supervision, or 14+ for independent builders.)*
- **Date First Available:** February 25, 2009

1:25

SCALE



8"

↔ Width

3"

↘ Depth

2.25"

↑↓ Height

Figure 8.1: Visual representation of the assembled model's approximate dimensions.



9.25" **3.75"** **6.5"**
 ↔ Width ↘ Depth ↕ Height

Figure 8.2: Visual representation of the model kit box dimensions.

9. Warranty and Support

For questions regarding missing parts, manufacturing defects, or general inquiries about your AMT model kit, please contact the manufacturer directly. Contact information can typically be found on the product packaging or the official AMT website.

Manufacturer: AMT

For further assistance, visit the [AMT Model Kits official page](#) (external link).

	<p>AMT QIACHIP RF/AC2 TM Instrukcja Obsługi i Specyfikacja Techniczna</p> <p>Instrukcja obsługi i specyfikacja techniczna dla włącznika radiowego AMT QIACHIP RF/AC2 TM. Zawiera informacje o gwarancji, danych technicznych, trybach pracy, montażu i programowaniu pilotów.</p>
	<p>2019 AMT Mexico Service Guide & Participant's Manual Global Market Entry Support</p> <p>Explore the 2019 AMT Mexico Service Guide and Participant's Manual. Learn about services for global market entry, including sales, marketing, logistics, HR, and operational support provided by AMT's Technology and Service Centers.</p>
	<p>AMT 23" Scroll Saw Model 4671 Owner's Manual</p> <p>This manual provides safety instructions, operating procedures, maintenance guidelines, specifications, and a parts list for the AMT 23" Scroll Saw, Model 4671.</p>
	<p>AMT Sigma Series Integration Guide</p> <p>This guide provides comprehensive information for integrating AMT Sigma Series Touch Display Solutions (TDS), including TDS models, part number naming rules, cable definitions, and handling precautions. It covers Sigma S, Sigma X (Open Frame), and Sigma L series products, detailing their features, specifications, and recommended usage for various applications.</p>
	<p>DZS 1664WC Ethernet WiFi Access Point & Client AMT</p> <p>Discover the DZS 1664WC, an EasyMesh compliant Wi-Fi 6 Access Point and Client from Advanced Media Technologies (AMT). Enhance home wireless coverage with dual-band 802.11ax technology.</p>
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