

Assembly and Post-Processing Instructions for the Rocketeer Diorama

From Hobby Link International – Designed by CA3D

Unboxing

Thank you for purchasing the 1/6 scale Rocketeer Diorama created by CA3D! Inside the box, you will find multiple pieces, including:

The Rocketeer figure

A two-part scenic base featuring a rocky formation, a broken concrete slab with exposed rebar, and a nameplate that reads "The Rocketeer"

Supports have been carefully removed from the outside of all parts, but some cleanup may still be required.

Understanding the Scale

This Rocketeer diorama is printed in 1/6 scale and, when fully assembled, stands approximately 12 inches tall.

Post-Processing

Before painting and assembling your Rocketeer Diorama, some post-processing is required to achieve the best results. This includes:

- Sanding support marks and layer lines
- Filling drain holes, pinholes, or any minor imperfections
- Priming before painting

a. Sanding

Inspect each piece for support marks, rough areas, or layer lines.

Using fine-grit sandpaper (400–1000 grit) or sanding sponges, gently sand the surfaces until smooth.

Be mindful of intricate details on the figure, such as helmet rivets, jetpack components, and clothing folds to avoid sanding them down.

b. Filling Imperfections

Pinholes or small gaps may be present due to the printing process. Use Bondo Spot Putty, Milliput, or UV resin to fill these imperfections.

Apply the filler sparingly with a spatula or brush, then let it dry.

Once cured, sand the area smooth to ensure a seamless surface.

c. Adjusting Fit and Assembly

The base comes in two parts that fit together. Dry fit them before gluing to ensure alignment.

Keys and sockets may need slight adjustments. If a part is too tight, gently sand or file the key for a snug fit. If it's too loose, apply a thin layer of super glue or putty to tighten the connection.

d. Priming

Once all surfaces are smooth and free of imperfections, apply a primer suitable for 3D prints, such as Mr. Surfacer 1000 or Tamiya Fine Surface Primer.

Spray in thin, even coats, allowing it to fully dry before moving on to painting.

e. Painting

Start with base colors, then gradually add shading and highlights to bring out depth.

For metallic areas (helmet, jetpack, rebar), use metallic paints or dry brushing techniques for a realistic effect.

The broken concrete slab and rock base can be painted using various gray and earth tones, with weathering effects added for realism.

Use thin layers of paint to avoid obscuring fine details.

f. Gluing & Final Assembly

Attach the Rocketeer to the base using a strong adhesive suitable for resin, such as super glue or epoxy. If painting in sub-assemblies, make sure all parts are fully dry before gluing.

Carefully attach the nameplate to the front of the base.

g. Displaying

Your Rocketeer Diorama is now ready for display! For best preservation:

Keep it in a dust-free environment.

Avoid direct sunlight to prevent paint fading.

If desired, apply a final protective clear coat (matte, satin, or gloss depending on your preference).

Important Notes

This model requires cleanup, assembly, and painting and is intended for experienced modelers.

Take your time with the post-processing steps to achieve the best final result.

Most importantly, have fun bringing this legendary hero to life!

Enjoy your Rocketeer Diorama and take your collection to new heights!