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Model MAGAZINE INTERNATIONAL

ISSUE
350

December 2024

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TURBO AND SCHNAPPS

Tamiya's 1:24 Porsche
Turbo RSR 934 built to
perfection

TORPEDOES, TOUT DE SUITE!

ICM's 1:48 Bristol
Beaufort Mk.I full build

TOUGH MARDER!

TAMIYA'S CLASSIC 1:35 MARDER II, UPGRADED

INSIDE...

Takom 1:35 G13 Swiss Hetzer, Tamiya 1:20 Toyota Celica diorama, Tamiya
1:48 F-35C previewed, plus new kits, books and modelling accessories...

DOOLITTLE
MEDIA



NISSAN FAIRLADY 240Z STREET-CUSTOM



Japan Version



Find us on facebook, search Hobbyco UK & Tamiya UK
Sign Up to our Newsletter on www.hobbyco.net

Just Customize!

1/24
SCALE

1/24 Sports Car Series

Nissan Fairlady 240Z Street-Custom

(Item 24367)

Minds were certainly blown when the first generation (S30) Nissan Fairlady Z debuted in 1969; its sumptuous long nose short deck fastback coupe looks were – and still are – the stuff dreams are made of, and it had stunning performance to match. Then in late 1971 there was a treat for its fans in the Japanese market as the previously export-only 240Z with its 150hp 2.4-liter engine was made available – it was predictably a big hit in Japan too, and customers in the archipelago also had a range of customizing parts to choose from. This assembly kit model recreates such a Fairlady 240Z as it might have been seen on the 1970s streets, with popular customizations of the day.

[\(North American Version\)](#)

Build it left-hand drive!



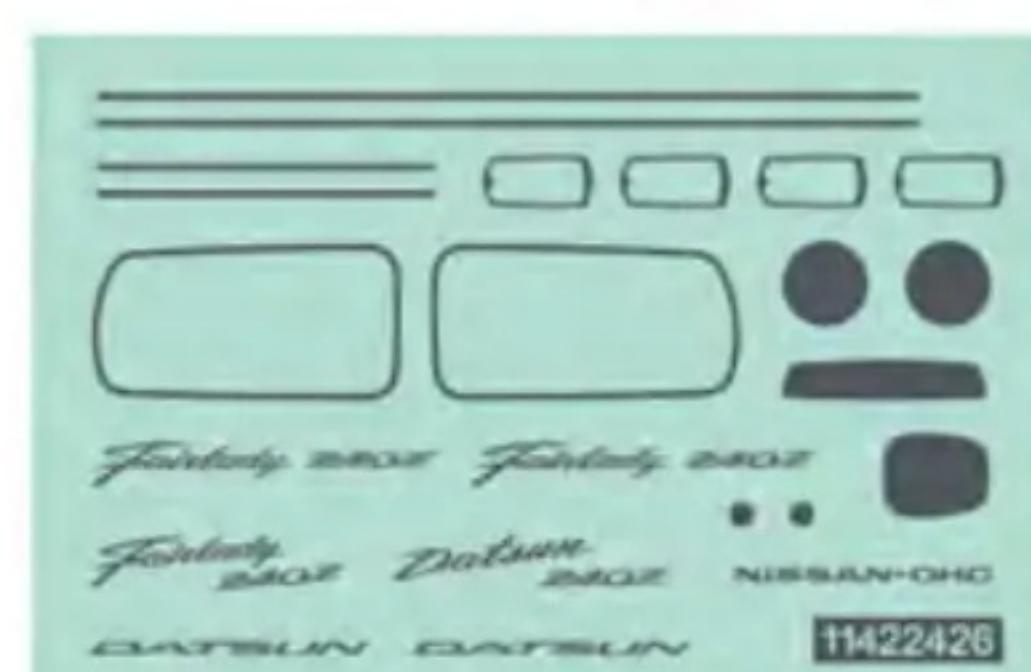
Length: 172mm
Width: 71mm Height: 52mm

Features lowered suspension

Twin stacked exhausts



The front-hinged bonnet opens to show off the 2,393cc inline-6 SOHC engine with triple carburetors and aluminum air funnels.



Metal transfers are included for mirror surfaces, metal trim, emblems and more.



RS Watanabe custom wheels are recreated by a pair of parts.

[\(A legend through the ages\)](#) Tamiya's 1/24 Sports Car Series has plenty of models of the famed "Z-Car" for you to build. Which will you choose?



Nissan Fairlady 300ZX Turbo (24087)



Nissan 370Z (24315)



Nissan Fairlady 240ZG (24360)

★Images show assembled and painted kit.
★Product may vary from images shown.



Nissan 370Z Heritage edition (24348)



Nissan Z (24363)





44 TORPEDOES, TOUT DE SUITE!
ICM's 1:48 Bristol Beaufort Mk.I in Royal Canadian Air Force service



36 TOUGH MARDER: TAMIYA'S TANK-KILLER IN THE MUD...
Tamiya's 1971 1:35 Marder II tank-destroyer with new Pz.II running gear



26 TURBO AND SCHNAPPS
Tamiya's 1:24 Porsche Turbo RSR Type 934 Jägermeister is still going strong

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TAMIYA Model MAGAZINE INTERNATIONAL

Issue 350 December 2024

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IN BRIEF...



TAMIYA

- 1:32 Mini 4WD Large Dia. Low Friction Low-Profile Tires (31mm) & Carbon Wheels (Dish)
- 1:32 Mini 4WD The Grasshopper Jr. (VZ)
- 1:32 Mini 4WD Lexus LBX MORIZO RR (MA)
- 1:32 Mini 4WD Reinforced Gear Cover (for MS Chassis) Fluorescent Orange Mini 4WD Station
- 1:32 Mini 4WD MS Chassis Set (Fluorescent Orange) Mini 4WD Station
- 1:10 RC Porsche 911 Carrera RSR 2.8 (White Painted Body) (BT-01)

tamiya.com hobbyco.net

DRAGON

- 1:35 Sd.Kfz.10/4 für 2cm Flak 30 1940 Production w/ammunition trailer

hobbyco.net

GECKO MODEL

- 1:35 '60s-'70s Saigon fruit & vegetable market stall

tankmuseumshop.org



MINIART

- 1:35 Sd.Kfz.234/3 Schwerer Panzerspähwagen Stummel
- 1:35 Sd.Kfz.234/3 Schwerer Schwebelaffette 38

miniart-models.com creativemodels.co.uk

REVELL

- 1:87 Model Set Big Boy Locomotive
- 1:72 MS sWS with Flak 43 and Sd.Ah.58 Ammo Trailer
- 1:72 Model Set German A4-V2 Rocket
- 1:72 Model Set Leclerc (T.5)

revell.de

SNOWMAN

- 1:35 Sd.Kfz.251/D

Check online



ZOUKEI MURA

- 1:32 Fw190A-4

Check online



NEW FROM GECKO 1:35 US M76 Amphibious Cargo Carrier Otter

Gecko's brilliant Vietnam War-era M76 Otter will be with us soon!
[www.tankmuseumshop.org](http://tankmuseumshop.org)



NEW FROM TAMIYA 1:48 US Light Tank M5A1 Stuart

Soon to join the M8 HMC and all the other superb vehicles in Tamiya's 1:48 Military Miniatures Series is kit No.106, the WW2 US M5A1 Stuart Light Tank. It's a beautiful little thing and will be a delight to build, paint, decal-up and weather!

www.tamiya.com www.hobbyco.net
and from good retailers everywhere



COMING SOON FROM REVELL 'Stranger Things' vehicles

Nobody can doubt the impact and influence that Netflix horror-sci-fi (and so much more) series 'Stranger Things' has had on popular culture since its introduction in 2016. The characters have enthralled audiences and their vehicles of choice have become every bit as popular; Revell have kits coming of the key machinery. 1:25 Argyle's VW T3 Surfer Boy Pizza Van: Stranger Things, 1:25 Billy's Chevy Camaro: Stranger Things, 1:25 Jim Hopper's Chevy Blazer K5: Stranger Things

www.revell.de



COMING SOON FROM GECKO 1:35 Korean War British FV1800 Mk.I w/Bantam Trailer

The British were in Korea during the 1950s war, as this Land Rover Mk.I proves.
[www.tankmuseumshop.org](http://tankmuseumshop.org)



NEW FROM EDUARD 1:48 CURTISS P-40E

The injection moulds of Eduard's all-new 1:48 kit of the Curtiss P-40E Warhawk are well underway, as we can see here. Full-build feature on this kit when it lands next year.
www.eduard.com www.creativemodels.co.uk

Mercedes-Benz C63 AMG Black Series (W204)
1/24 Scale Full Detail Kit
AM02-0083



NEW FROM ALPHA MODEL
Mercedes-Benz C63 AMG
Black Series

Enjoy 6.2 litres of snarling V8 – in miniature form – with this new resin kit of MB's autobahn-blaster. www.alphamodelkit.com

COMING SOON FROM HALBERD MODEL
1:32 McDonnell XF-85 Goblin

The XF-85 Goblin was intended to be deployed from the bomb bay of the Convair B-36 bomber as a 'parasite fighter'. Build one in 1:32 soon, from Halberd Models! www.halberdmodel.co/en-gb

COMING SOON FROM ITALERI
1:12 Lancia Stratos HF Gr.4
Montecarlo 1977

Much anticipated for a couple of years, this big 1:12 model is going to make an eye-popping replica of the iconic 1970s Group 4 rally beast. www.hobbyco.net

NEW FROM MINIART - 1:35 M3
Stuart Diesel early production

The latest M3 Stuart to join MiniArt's ever-growing line-up is this Diesel-powered variant. www.miniart-models.com www.creativemodels.co.uk



COMING SOON FROM MINIART
1:35 Sd.Kfz.234/1 Schwerer
Panzerspähwagen early mod.

As with the Stuarts, MiniArt have a handsome range of the eight-wheel heavy armoured cars on the go, with this anti-aircraft version coming soon. www.miniart-models.com www.creativemodels.co.uk

ERRATUM

Last issue we mistakenly stated that MiniArt's 1:48 Junkers F13 Early Production was by ICM. Our apologies for any confusion caused. www.miniart-models.com www.creativemodels.co.uk



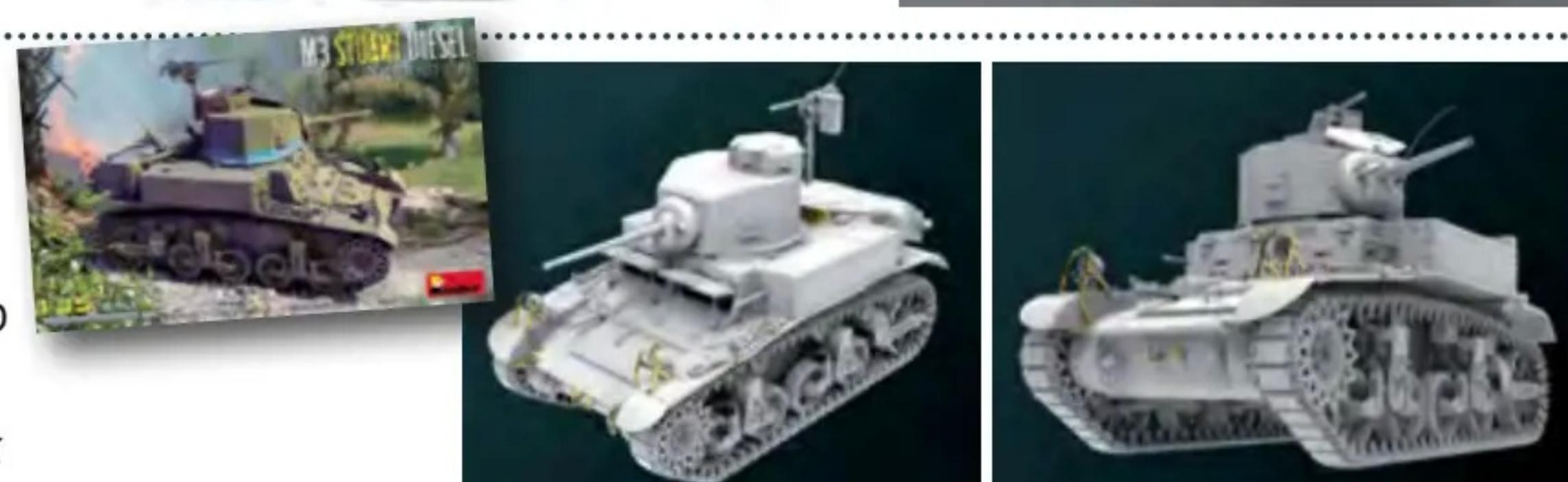
NEW FROM AIRFIX
1:48 Avro Anson Mk.I

The second version of Airfix's stunning 1:48 Avro Anson comes with markings for Portuguese Government (1947) the Hellenic Air Force and the Royal Navy. www.airfix.com



COMING BACK SOON FROM AIRFIX
Bristol 1:72 Superfreighter

Featuring an opening nose with included vehicle ramps, Airfix's 1959 Bristol Superfreighter is back in operating business within the Vintage Classics range. www.airfix.com



NEW FROM
REVELL - 1:12
'69 Camaro Z/28

In the huge scale of 1:12, this mega muscle-car will make a serious statement in anyone's display case! www.revell.de and good retailers everywhere



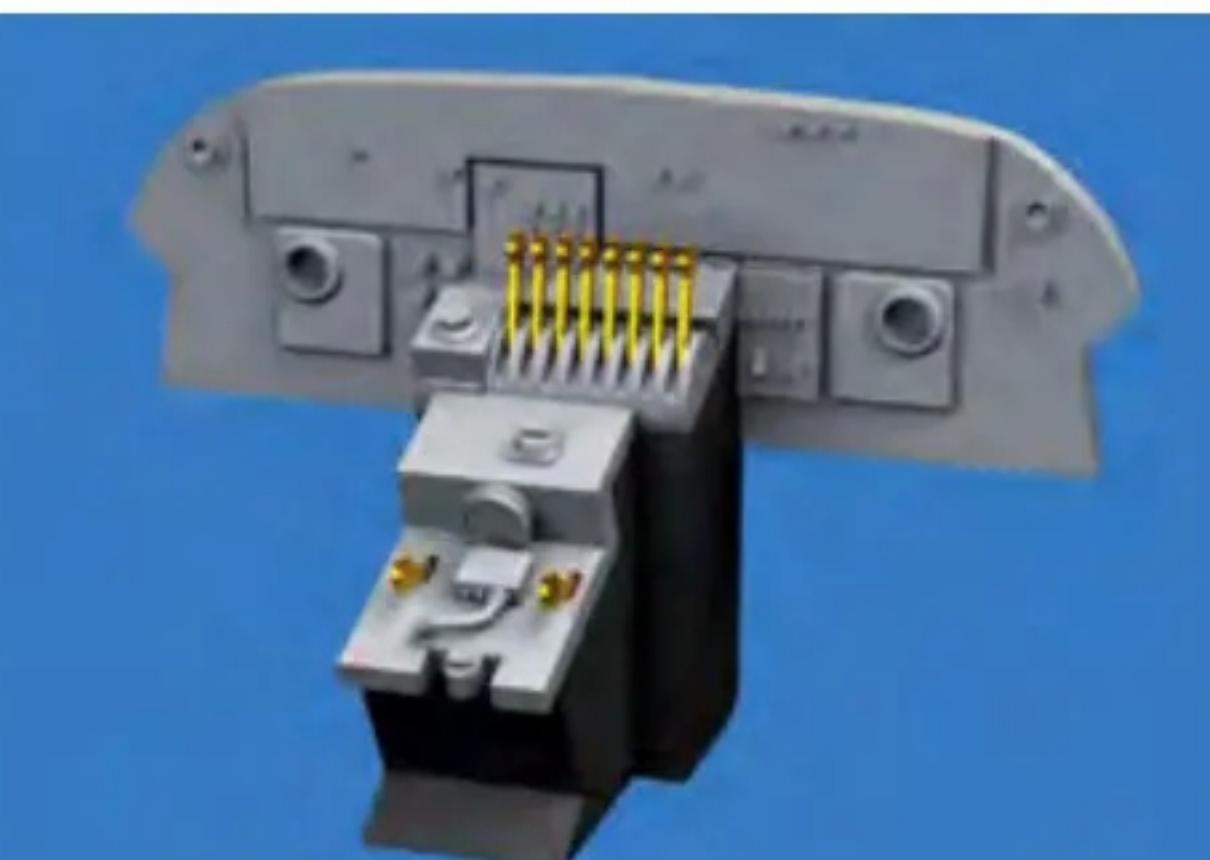
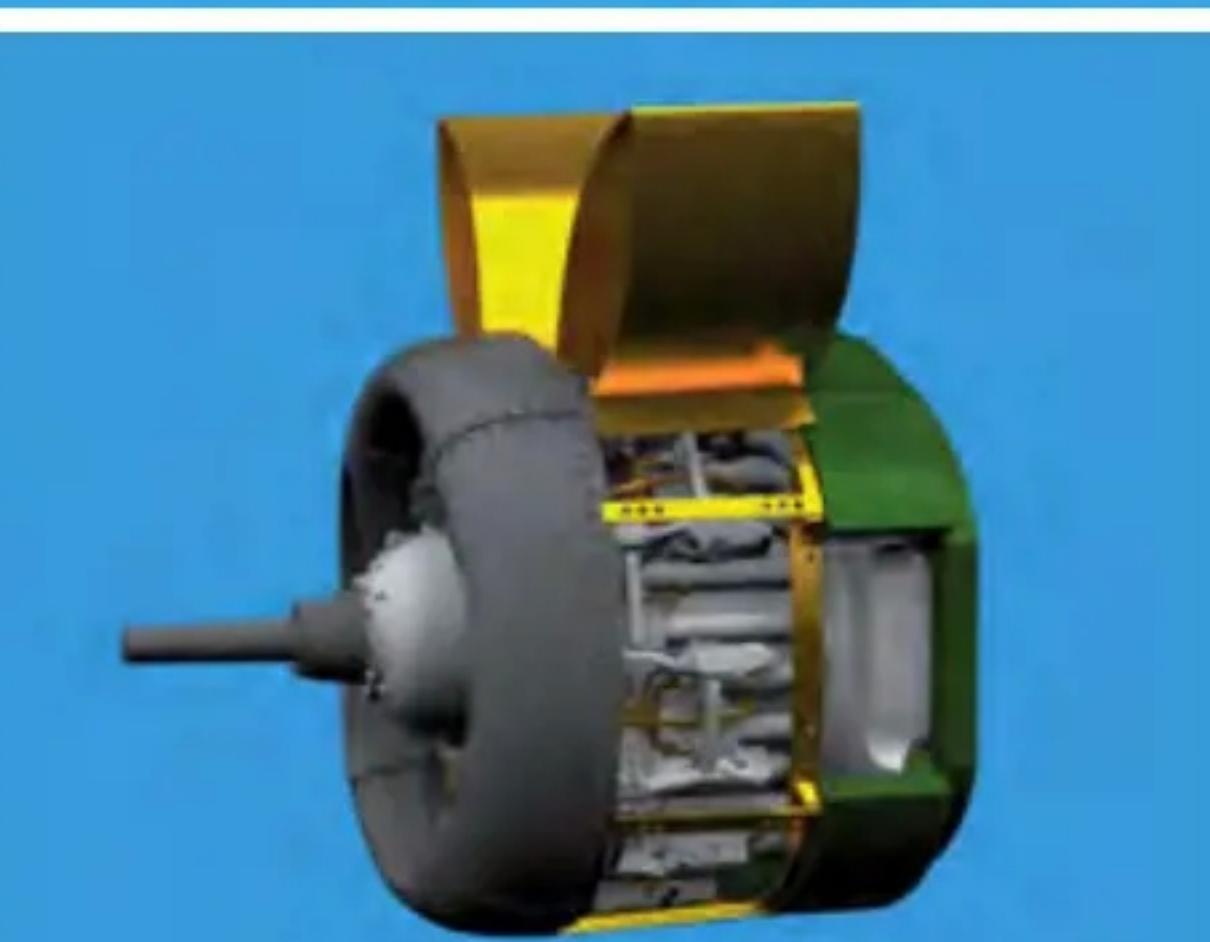
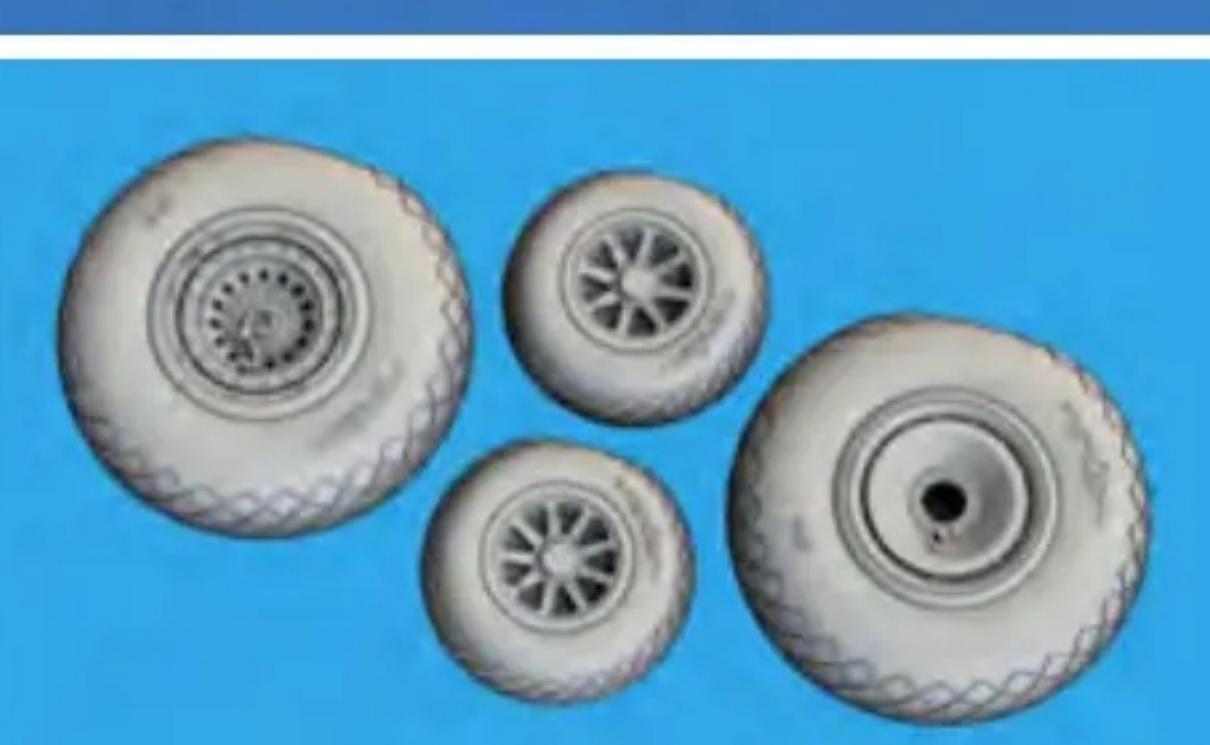
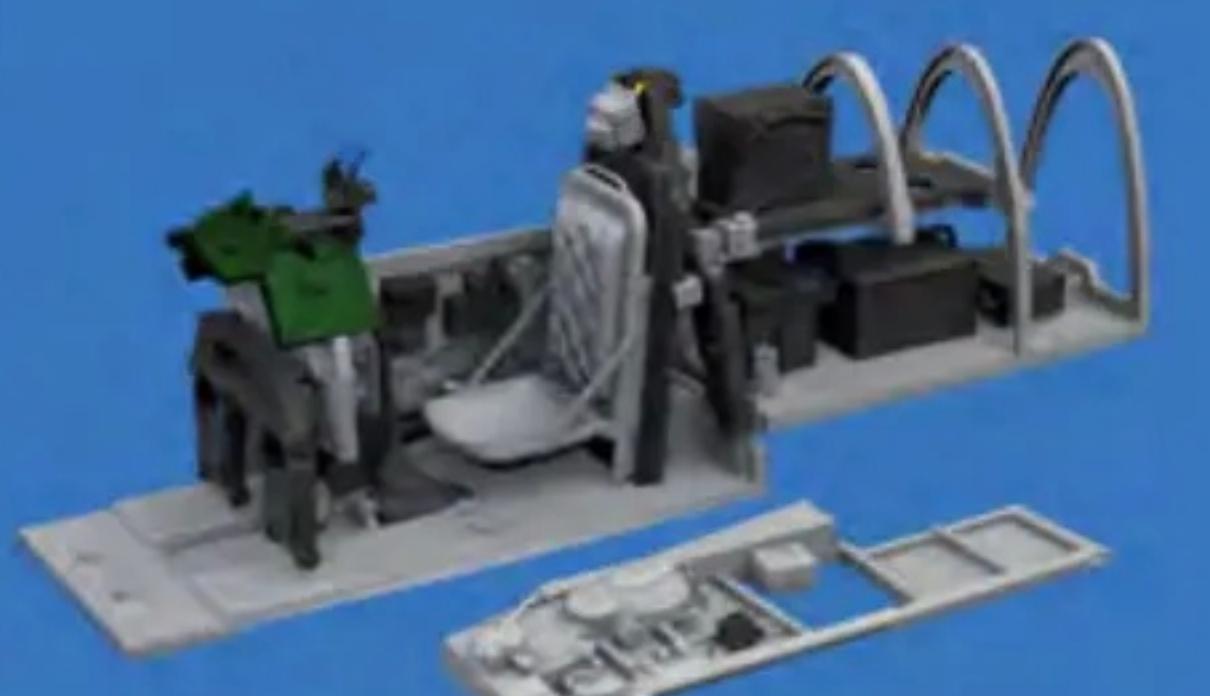
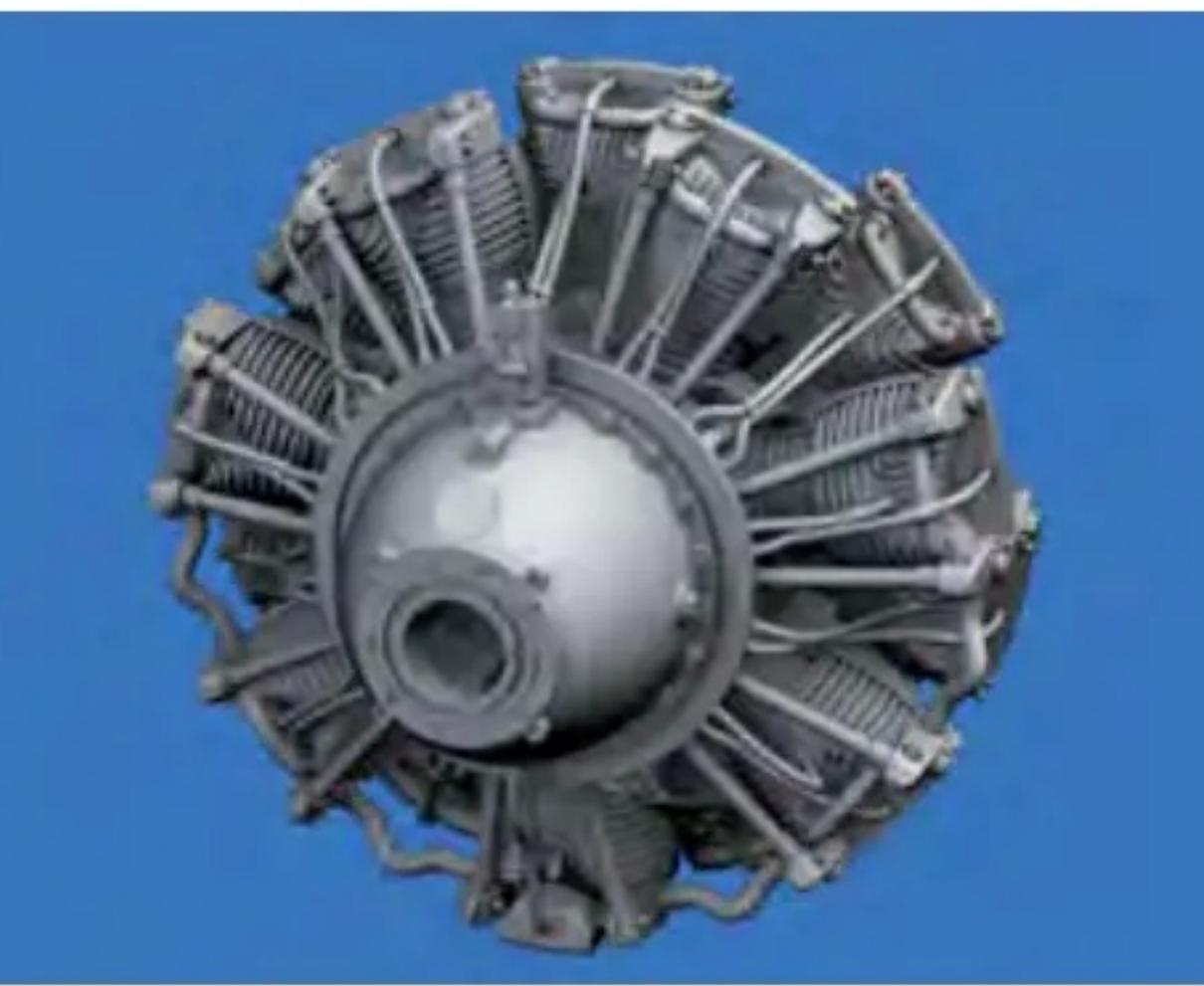
NEW FROM ICM - 1:48
B-26B Marauder Flak Bait

Surely the best-known B-26 Marauder of them all, 'Flak Bait' is preserved in all its wartime glory at the NASM. ICM's kit is sure to be a big seller. www.icm.com.ua www.hannants.co.uk

COMING SOON FROM EDUARD

- 1:48 Bulldog Mk.II (644284) for Airfix
- 1:48 B-24J engines PRINT (6481029) for Hobbyboss
- 1:48 P-51B Birdcage canopy cockpit PRINT (6481033) for Eduard
- 1:72 B-24H wheels (672380) for Airfix
- 1:72 B-24H engines PRINT (672386) for Airfix
- 1:72 Tornado ejection seats (672387) for Revell
- 1:72 B-24H (674019) for Airfix

www.eduard.com www.creativemodels.co.uk



NEW ARRIVALS

A quick round-up of new and recent arrivals at Tamiya Model Magazine. Thank you to the manufacturers and suppliers for the review samples!



AIRFIX

1:72 Handley Page Hampden Vintage Classics (A04011V) re-release
TMMI's Editor was a mere two years of age when this kit was originally released, and just like him it has aged gracefully, looking better than ever (are you sure? Ed). Seriously though, it is testament to just how well designed these models were that the HP Hampden is worthy of a re-release, and not just for nostalgic reasons as it has the potential to build into a superb replica of the real bomber - wonderful to see it back.

www.airfix.com and good retailers everywhere



EDUARD

1:48 Bf109G-2 ProfiPACK (82165) new version
Little more needs to be said about Eduard's 'new' Bf109 series in 1:48; they are brilliant kits that are covered with incredible detail, come with great decal options and are excellent value for money. With this release we have the G-2 version without the two 'beule' bumps on the forward-upper fuselage/engine cowling. Five markings-options are offered in this kit, including a couple in winter white-wash camouflage and one with the 'wellenmuster' Mediterranean scheme, which always make attractive models. www.eduard.com www.creativemodels.co.uk and good retailers everywhere



EDUARD

1:48 FM-2 Wildcat ProfiPACK (82205) new version
We have a detailed, full-build feature coming to TMMI on Eduard's superb FM-1 Wildcat next year, but in the meantime, here is the company's equally excellent FM-2 model, which takes the form of a 'ProfiPACK' release. This means it comes with canopy masks (very handy for the Wildcat's 'birdcage' canopy design) plus a set of useful, pre-coloured photo-etched parts that includes a double-layered instrument panel, seat harnesses and other delicate items.

www.eduard.com www.creativemodels.co.uk and good retailers everywhere



EDUARD

1:48 P-39Q Airacobra Weekend Edition (8470) new version
Amazing to think that Eduard first released their Airacobra twenty-four years ago, and all the more impressive that it still looks fresh as a daisy in this 2024 re-issue in the 'Weekend Edition' quick-build series. Admittedly, Eduard has refined its production techniques in the intervening years, but the airframe surfaces still look excellent here and the new decal sheet gives it the chance to sparkle.

www.eduard.com www.creativemodels.co.uk and good retailers everywhere



ICM

1:35 Humvee M1097A2 Cargo Carrier (35436) new version
This is the second release of ICM's 2024 new-tool M1097A2 Humvee, this kit coming with cabin doors, fabric roof/cabin rear panel and guard rails around the rear cargo deck. As before, the model is well detailed, with a partial engine (side and lower faces are detailed, but not much up top) but a fully depicted chassis, suspension and drivetrain. Hopefully the aftermarket will come up with a full engine set, radiator etc., for the front end. www.icm.com.ua www.hannants.co.uk and good retailers everywhere



ICM

1:35 Typ 320 (W142) Cabriolet B (35543) new version
The chassis of this 'three-pointed star' vehicle dates back to 2016 when it came out as the 'WWII German Staff Car' and now, we have an extremely attractive civilian Cabriolet variant. It comes with highly detailed underpinnings with a chassis that builds up from rails and crossmembers, a very neat 3.2 litre straight-six engine and a nicely appointed cabin. Ideal for 1940s dioramas or stand-alone display.

www.icm.com.ua www.hannants.co.uk and good retailers everywhere

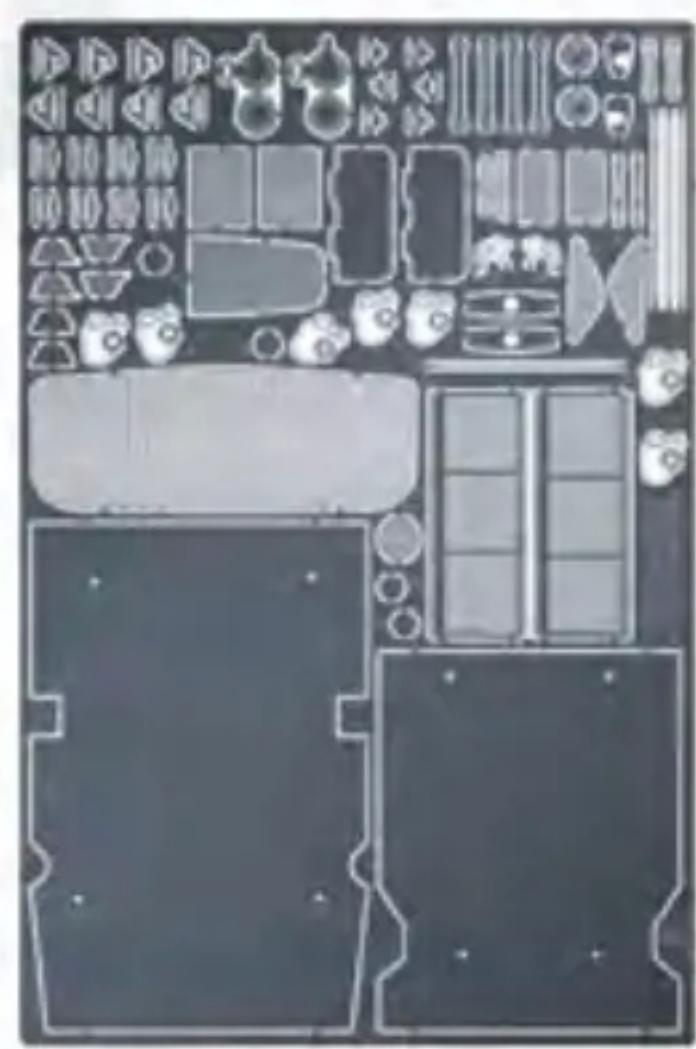
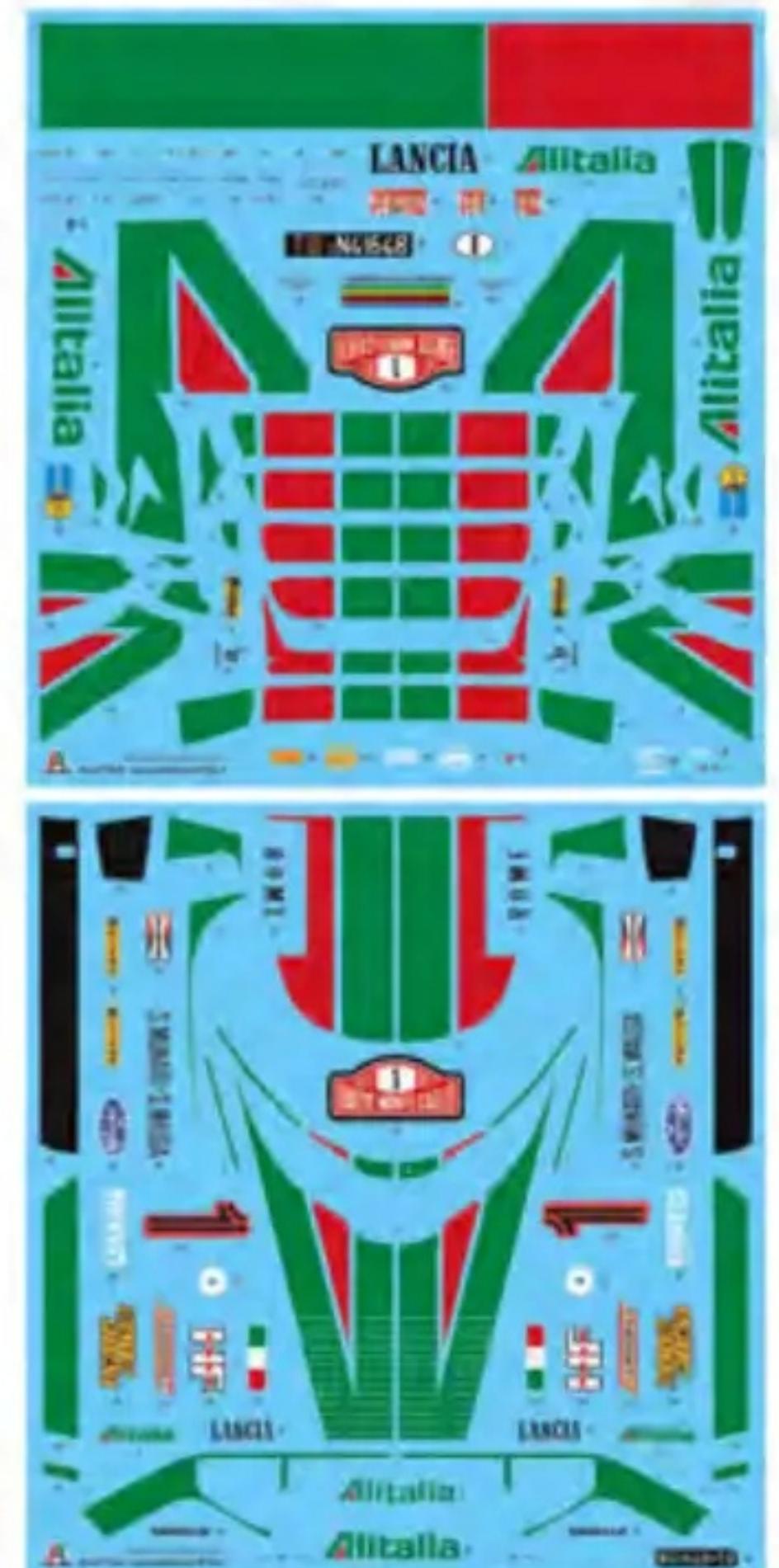
Born to win

Lancia Stratos HF Gr.4
#1, Sandro Munari - Silvio Maiga,
45th Monte Carlo Rallye, 1977,
1st Classified.

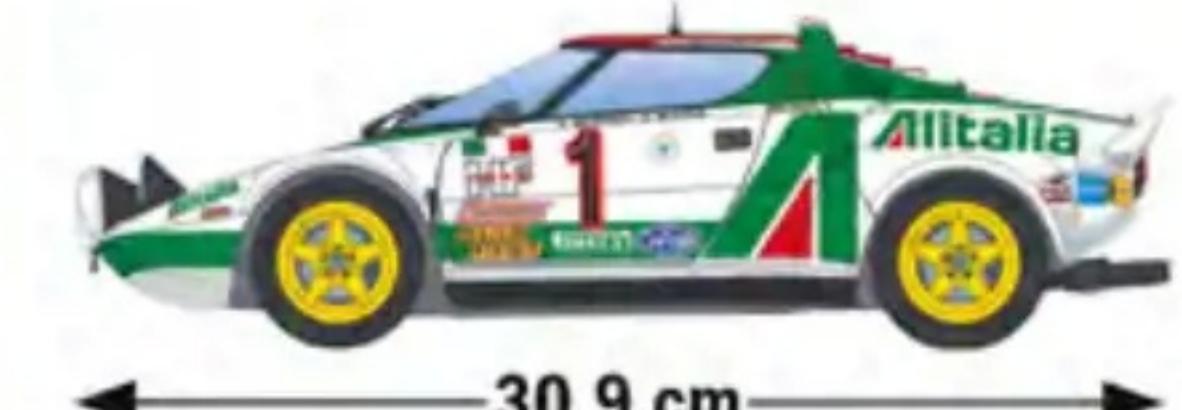
1:12
ScalaScale **100%**
NEW MOULDS



Lancia Stratos HF Gr.4 MonteCarlo 1977



Super decals
sheet and
Photo-etched fret



30,9 cm

Model Kit Features

- Highly detailed frame, interiors and engine
- Opening doors and front/rear bonnets
- Super decals sheet
- Photo-etched fret
- Chromed parts
- Hoses, screws and springs
- Rubber sheet for mudguards
- Working suspensions
- Realistic rubber tyres
- Steering Wheels

No 4714 model kit
modèle réduit

ITALERI
scale modelling since 1962

3668

Alfa Romeo Giulia 1600 Spider

1:24



3671

Audi Quattro

1:24



KIT PREVIEW

TAMIYA 1:24 LOCKHEED MARTIN F-35C LIGHTNING II KIT NO.61127



Main pic from: www.f35.com



INTO IT

Lockheed Martin's F-35 Lightning II is a 5th Generation fighter developed under the Joint Strike Fighter (JSF) programme, successfully providing extremely low observability, network connectivity and exemplary situational awareness. Developed to take over from US Navy F/A-18s, the F-35C is designed for use

with CATOBAR (Catapult-Assisted Take-off Barrier-Arrested Recovery) systems. It has larger wings and horizontal stabilizers than other F-35 variants help it with slower landings on carriers, while its wingtips fold ninety degrees upward to allow for more room on deck. The F-35C has a rear arrestor hook which catches the arresting

cables on the flight deck, slowing it and allowing a landing in the limited space. Also, the F-35C nose landing gear is connected to the catapult shuttle via its catapult hook for catapult-assisted take-offs. Along with the F-35A and the F-35B, the F-35C Lightning II will lead air arms across the world for many years to come.





Tamiya has now completed the triptych of Lightning II models in 1:48, with the addition of the folding-wing 'C' model to the Lockheed Martin F-35 range

THE FOLD

TAMIYA'S NEW KIT

Tamiya's 1:48 F-35A and F-35B kits are unquestionably the best scale models of these aircraft yet released, with an ease-of-build matched only by an extraordinary level of detail, most notably in the weapons bay but also in the cockpit and crucially, on the airframe's exterior. The F-35's

outer surfaces are covered with highly advanced – and slightly raised – 'RAM' (Radar Absorbent Material) patterns and on early aircraft this feature was very visible thanks to the contrasting shades of grey camouflage giving them extra prominence. Some model manufacturers significantly over-did this effect on their F-35 releases, with

the result being unrealistically three-dimensional RAM patterns, something which is extremely hard for the modeller to ameliorate without ruining the kit. Tamiya's designers took this issue on board when creating the A, B and now C kits, making stringent efforts to get the RAM just right, and the results speak for themselves. ➤



KIT PREVIEW

TAMIYA 1:24 LOCKHEED MARTIN F-35C LIGHTNING · KIT NO.61127

► The subtly raised RAM patterns, mainly across the upper and lower fuselage areas are moulded to perfection, leaving the modeller the option of painting their Lightning II and leaving the patterns alone, or treating them to them very light colour-washes or airbrushed highlights and shadows to give them a tiny bit of extra emphasis. One may be forgiven for thinking Tamiya's F-35C is just an F-35A kit with new wing folds and undercarriage, but this is not the case. Most of the C's kit parts have been adapted, modified and completely re-tooled to ensure every element of the 'C' is represented in perfect accuracy and this became apparent when we inspected the sprues for this preview.

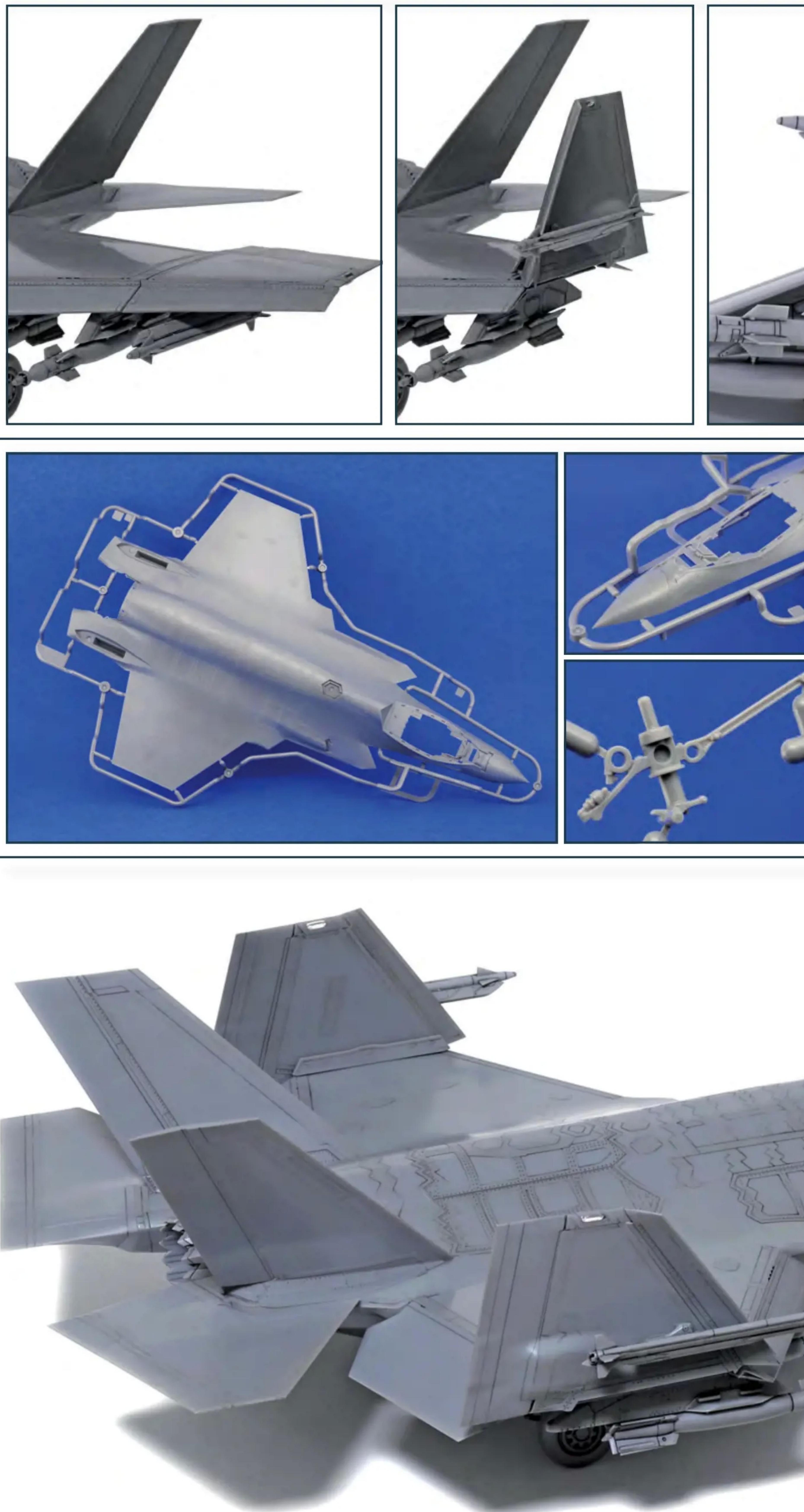
Tamiya's new 1:48 F-35C Lightning II is another triumph of model kit production, using state-of-the-art technology but with a healthy dollop of good, old fashioned research by its design team to ensure it is as close to perfect as possible. Keep reading TMMI to see our full-build feature of this extraordinary new kit! ●

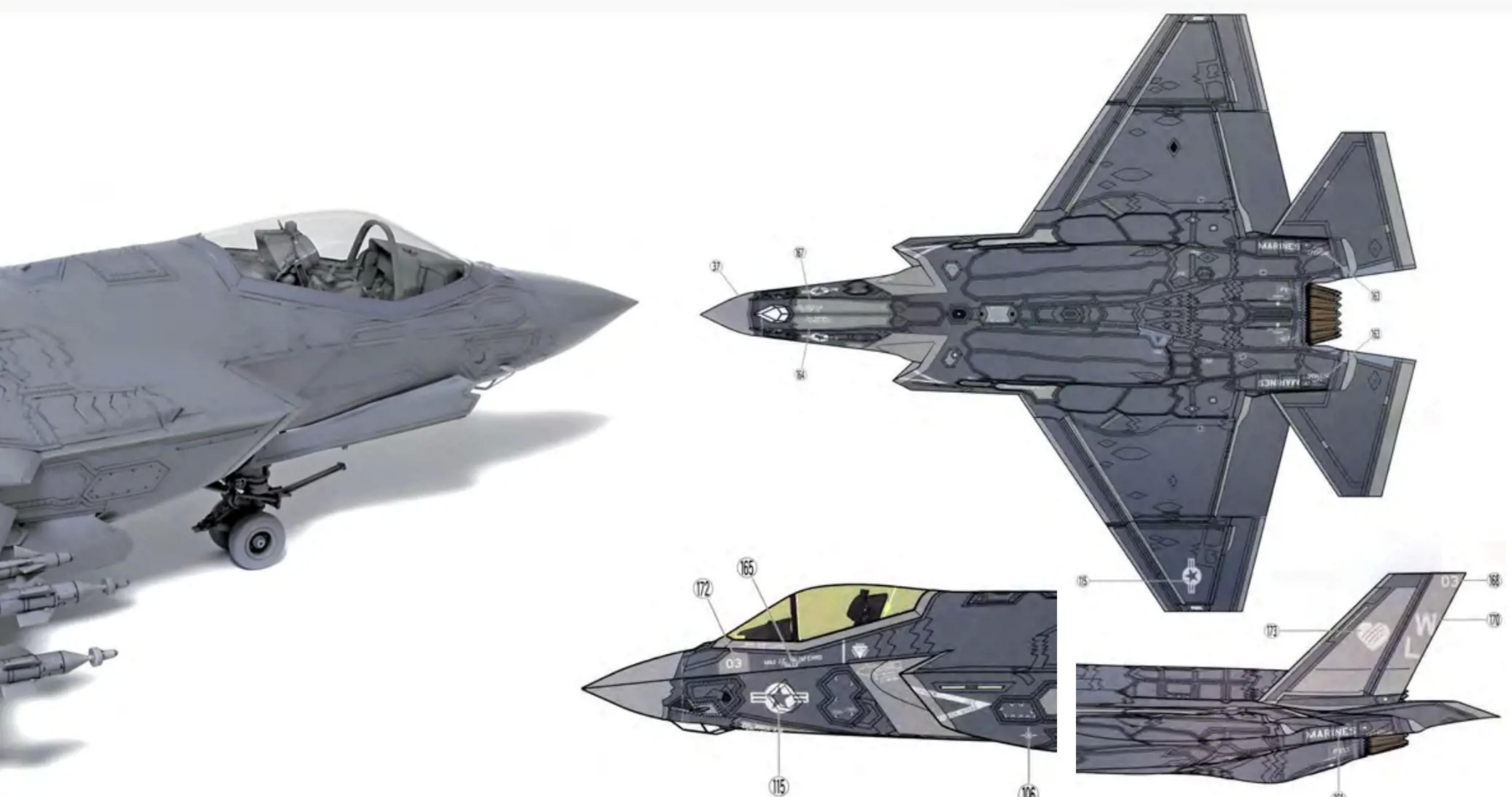
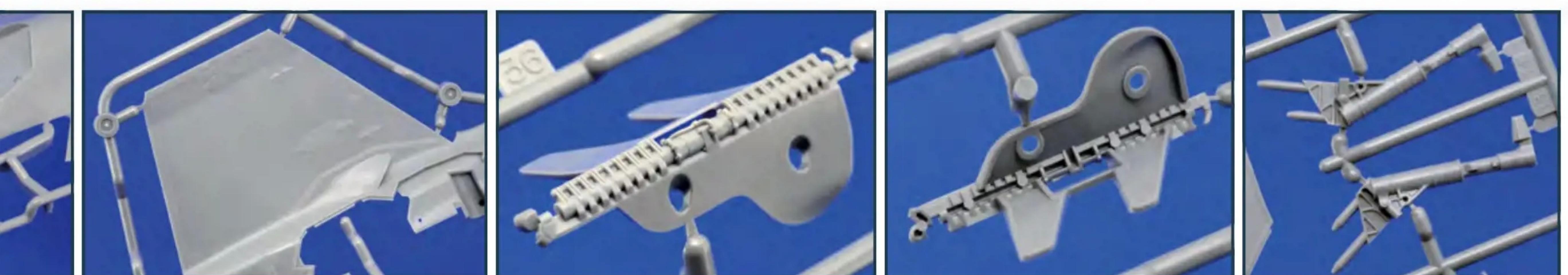
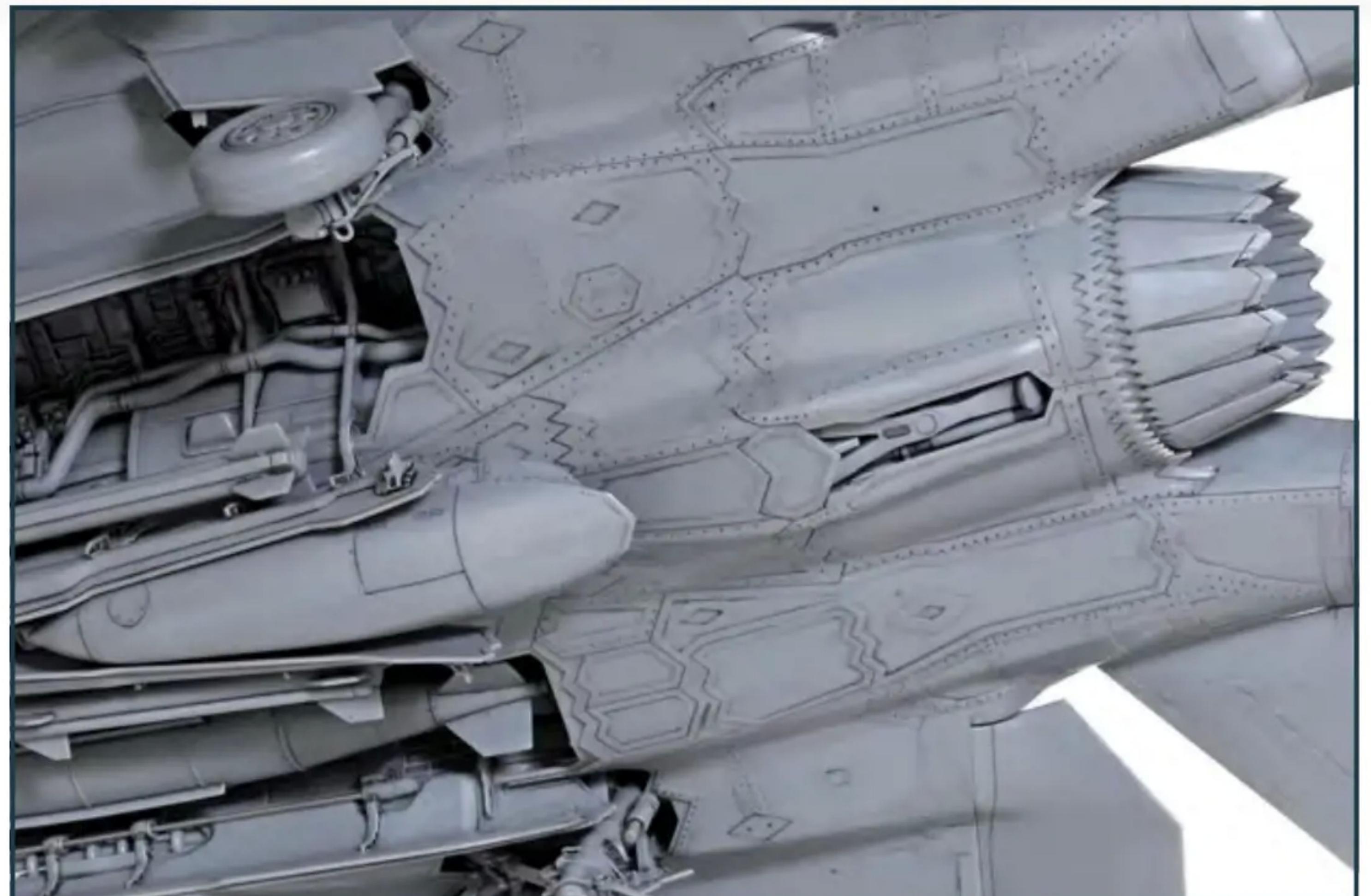
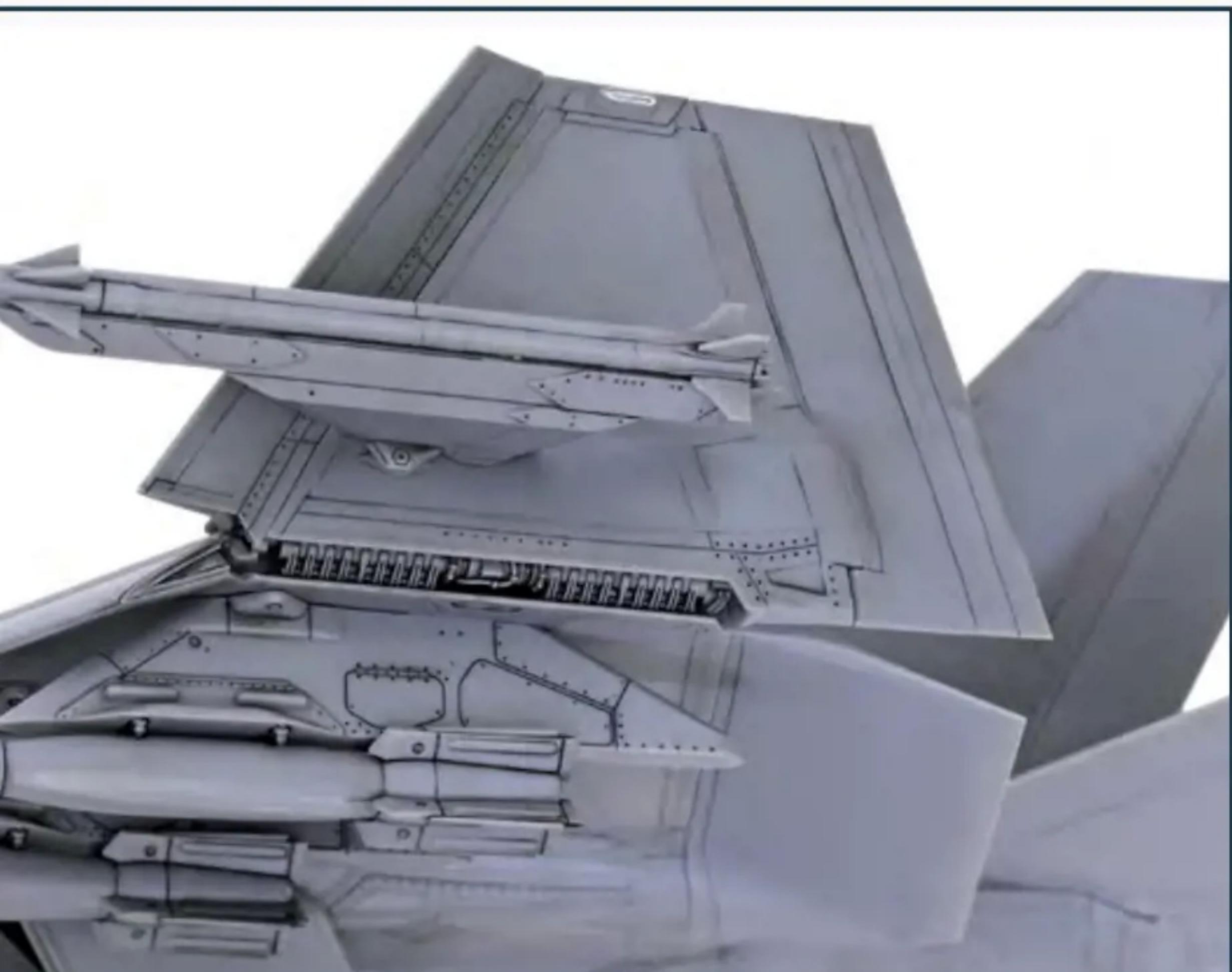
Model features

- The distinctive fuselage form of the F-35C – which has larger wings and horizontal stabilizers than other F-35 variants for slower landings – is authentically captured - The model is assembled in 'landed' mode
- Fuselage parts are newly moulded excluding canopy and weapons bay doors parts
- Perfect recreations of Radar Absorbent Material (RAM) are moulded into fuselage surfaces
- Parts included for extended or folded wing-tips (can be interchanged after assembly)
- Deployed or stowed air fuel probe on the right side of nose
- Open or closed arresting hook door
- Open or closed canopy (parts can be interchanged after assembly)
- Open or closed weapons bay doors - Deployed or stowed boarding ladder
- Leading-edge and trailing-edge control surfaces are depicted extended
- Parts to render wheel chocks are included
- Features realistic renderings of pylons (F-35C's dedicated design) under wings and lower fuselage gun pod
- Assemble the model in 'stealth mode' (no external ordnance), 'air-to-air mode' (missiles only), or 'beast mode' (full ordnance load)
- Includes AIM-9X Sidewinder x2, AIM-120C AMRAAM x2, GBU-12 Paveway II x4 GBU-31 JDAM x2
- Masking stickers for the canopy and seated seated pilot figure with Helmet-Mounted Display (HMD) included
- Comes with decals to depict six marking options (four from United States Navy and two from United States Marine Corps)

Availability:

Tamiya models, paints, materials and accessories are widely available from good model shops and online. UK import and distribution by The Hobby Company Limited; www.hobbyco.net





RACE DAY, VERLINDEN STYLE!

Having built the classic Tamiya 1:20 Toyota, **Spencer Pollard** turns his attention to another classic, this time François Verlinden's diorama from the 1981 Tamiya catalogue. Here, he replicates that set-piece using not only the Celica, but some ancient and equally vintage, pit-crew figures and accessories. Let the fun begin!

Those who have followed my work over the years will know that my most abiding influence is François Verlinden. Over the last forty-five years, I have been wowed by his work, studying almost everything he has ever built to try and gain some sense of how he went about planning his dioramas, and then completing their construction.

Though he's most famous for his military works (or rather, he was, until he retired several years ago) he was also known for building other subjects as well, most notably car dioramas, that appeared in the 1981 and

1982 Tamiya catalogues. Amongst that handful of dioramas was one built around the Toyota Celica, a scene that also featured Tamiya's then recently released set of pit crew figures. This was a diorama that stuck in my mind and though I didn't chase the idea of replicating it at the time (frankly, pocket money wouldn't stretch to such luxuries back then!) I stored the thought away and when I was gifted the Celica last year, I knew that I would have to recreate that diorama with the skills that I had amassed over the intervening forty-three years. ▶



Having completed my Celica, I grabbed one of boxes of 'Racing Pit Crew' and started to work out which figures I would need to build and what accessories would be used to dress the scene. As everything within the original diorama was from this set, it was simple a case of look-and-do



Having assembled the figures (a simple task given their innate simplicity) I grabbed my ancient Historex Pyrograph so that I could improve the look of the figures' hair. This small tool is very similar to a soldering iron, electricity heating up the fine tip so that it can be used to engrave kit plastic, perfect for such things as hair, weld-beads, etc



Having built the figures and removed the accessories from their runners, I set about laying out the diorama, using the picture from the catalogue that I had carefully placed in a photo album, many years ago! The base that I planned to use forced me to compress the scene just a little, but even so, it was very close to the dimensions of the original

Though not a nuts and bolts description of my new 'Legacy Collection' diorama, the next few pages will take you through the construction of this relatively simple yet attractive scene. Most modellers used to building and painting figures and accessories will find little that is too taxing as they scan through the pictures. Perhaps the most difficult aspect of its construction, will be finding the pit crew set! Though long-since removed from Tamiya's range of kits, you can still find sets on various secondhand kit sites. I was fortunate to find a set on eBay, as well as being gifted two others by friends keen to see me complete not only this scene, but the two other dioramas that François completed in 1:20.

Before we begin though, let's make a few things clear. Firstly, This is an homage to that 1981 diorama, not an exact copy. I have changed and omitted certain details in order to personalise the scene a little. There are certain markings for instance that were used in the original that I could track down, so used what I had. I also changed some of the colours on the figures to make them a little different - recognisable, but not the same. Secondly, I am very aware that the figures are very much of their time. Anatomy and details and far from the best, so I had to work with what I had. I wasn't keen to update them in any way (other than dealing with their hair) feeling that if the essence of the original was to be captured, the figures would need to be used as-is. You can see some of the issues when you look at the driver figure, his head being too big for his body. No matter though; this was a diorama that I wanted to recreate and that meant I was going to do it, warts and all! ▶

The first figure that chose to paint was the driver, deciding that his overall blue suit and limited detail would make him relatively easy to finish. Yeah, that didn't go according to plan! As with the other figures, he was sprayed with an overall layer of flat black and then another, thinner layer, of flat white sprayed from above to create an early highlight layer. Over this Vallejo acrylics were hand-painted in thin layers, each allowing the black and white to shine through to create the illusion of highlights and shadows. The reason it then took so long to deal with, was the sheer number of folds, each one needing to be further highlighted and shaded. It just seemed to take an eternity! As with the uniform the flesh was painted with acrylics, though this time AK's 3G paints. Layers, built up carefully brought out the detail and though the sculpting is not that convincing, the resulting model looked pleasing enough once finished



Unlike the driver figure, the photographer was a more involved miniature thanks to his pose, those cameras and the camera bag that hangs from this right hip. Here, I had fun with his clothes, choosing a checked shirt that mirrored, if not in colour, then certainly essence of the original figure painted by François Verlinden in 1981. Care needed to be taken to ensure the correct sit of that enormous bag, straps, added using strips of paper, being carefully fixed in place to ensure they were as tight as possible. Though an ancient figure, I really like his outfit, those Adidas trainers, blue jeans, shirt and baseball cap, looking just as much at home in 2024, as they did at the start of the 1980s!



The two figures side by side. Here you can see how different they are in stature, the driver looking bigger than the photographer. Personally, I don't really care about such things, everyone that I know being different heights and builds. These two are reflecting reality, albeit in 1:20



Happy with the three figures, I grabbed a picture frame and set about creating a platform on which (or rather, in which...) my diorama base would sit. Whenever I build a diorama, I like to raise the base up. Through often a lot of work, this creates a more visually pleasing platform for the rest of the scene, as well as providing space for a nameplate, something that will be added to this diorama at a later date. In terms of construction, the base was created using foam board, glued together with a hot-glue gun and then faced with black plastic card. Once sanded completely smooth, everything was sprayed with several thin layers of flat black to create a blemish-free surface. The roadway was then measured and cut from a sheet of 5mm Styrofoam. Once the surface was sanded smooth, it too was sprayed black, ready to be decorated with acrylics



The completed base. With the black dry, the impression of tarmac was created using cloudy oversprays of Tamiya greys, Medium Grey being especially useful. Care was taken to ensure that plenty of the black shone through to create a random, dusty finish. The road markings were then masked off using low-tack masking tape, before being airbrushed with Tamiya Flat White. All that remained was to create the illusion of oil spills and other evidence of use, this time using oil paint washes, randomly applied over the surface of the road. Taking little more than an hour to complete, this was such a fun part of the diorama!

The barrier is supplied in the Pit Crew Set. Reference to the original diorama revealed that François had cut the barrier down to remove the top two rails, so this was also carried out, here. A few details were then added including the bolts used to hold the rails to their stanchions and then the stanchions to the road. These were all created using a punch and die and some plastic card. The barrier could then be painted, steel on its back side and then yellow and black on the front, careful masking using Tamiya masking tape ensuring that the demarcation between all three colours were nice and sharp.

The box lid of the Pit Crew Set features a number of printed sponsors boards that you can cut out and use. These were carefully trimmed from the box lid using a sharp scalpel blade and then their edges touched in with a steel colour. I then added the illusion of some fasteners with a beading tool. This was used to emboss the impression of bolts into the thin card, details that could then be washed with oils and then further detailed with an acrylic silver colour. Happy with my work, the boards could be carefully glued in place using superglue



All of the accessories were taken from the Pit Crew Set, assembled, base-coated with Tamiya acrylics and then completed with oil paint washed and acrylic details. Though a very old kit, I was able to use some of the decals to decorate the oil cans and plastic drum, similar decals being used to complete the figures and their uniforms.

This fuel drum was fun to paint! Following assembly, masking tape was used to define a line of fuel at the bottom of the container, this being sprayed with Tamiya Khaki. Once dry and the tape removed, the whole thing was sprayed with several thin layers of gloss white, the translucent nature of the paint allowing the underlying khaki to show through to create the illusion of fluid inside the container. Once dry, oil paint washes were splashed over the outer surfaces to add a little weathering, before painting the cap black and adding that little Shell logo from the decal sheet

FULL-BUILD CLASSIC GROUP 5 RACING CAR
TAMIYA 1:20 TOYOTA CELICA GR.5 • KIT NO.20072

The completed scene, shown alongside that classic Verlinden diorama from 1981. All of the smaller details were simply glued in place using superglue, the figures being pinned using lengths of brass rod glued into the feet of each figure and then into the soft Styrofoam



FINAL THOUGHTS

Four decades later, I finally have a recreation of one of my favourite dioramas. Though not everyone's cup of tea, I enjoy building this type of replica, feeling that it not only tips a hat to some classic work, it helps to further understand the mindset of a modeller that I have long admired. François built three 1:20 dioramas, the other two featuring the Ferrari 312T3 and Brabham BT46. With both kits to hand and more figures to use, I'll be recreating those two as well to complete the set. If they are as engaging as this one I'm in for a treat! See you next time. ●

TECH SPEC...

TAMIYA 1:20 TOYOTA CELICA GR.5 KIT NO.20072

Accessories used:
Tamiya: 1:20 Racing Pit Team (20011) Out of production

Materials:
Injection-moulded polystyrene, waterslide decals.

Paints used:

- Tamiya Acrylics: XF-1 Flat Black, XF-2 Flat White, XF-64 Red Brown, XF-85 Rubber Black, X-7 Red (gloss), X-27 Clear Red, X-26 Clear Orange
- Tamiya Lacquer Paints: LP-38 Flat Aluminium, LP-4 Flat Black, German Grey, TS-15/ LP-45 Racing Blue, Clear
- Vallejo Acrylics: German Grey, London Grey, White, Black
- Games Workshop: Ironbreaker, Stormhost Silver
- AK Interactive 3G: Rubber Black, Black

Availability:
Tamiya models, accessories, paints and materials are widely available from good model shops and online. UK import and distribution by The Hobby Company Limited; www.hobbyco.net



Revell

LEVEL 3

03791 BAe 146-200 "AirUK", 1:144

LEVEL 4

03805, Westland Lynx Mk.88, 1:72

LEVEL 4

07729, '70 Shelby® GT500™, 1:25
Inc. parts for boxtop "Street" or modified "Custom" version

LEVEL 4

05242, KFK (Kriegsfischkutter), 1:144

LEVEL 5

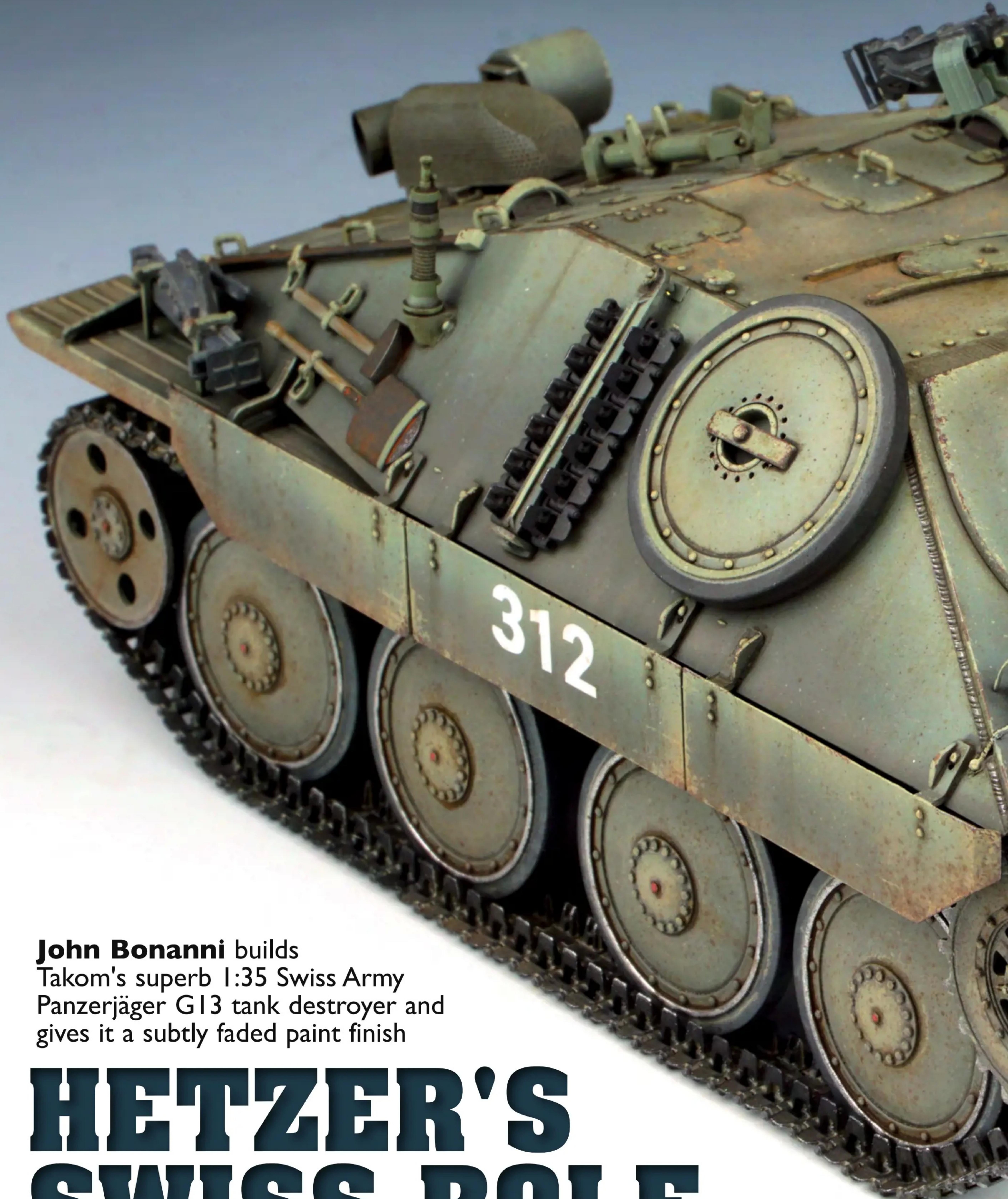
05180, German Sub Type IX C (U-505 Late), 1:72
Includes decals for Kreigsmarine & captured (US Navy) versions

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John Bonanni builds
Takom's superb 1:35 Swiss Army
Panzerjäger G13 tank destroyer and
gives it a subtly faded paint finish

HETZER'S SWISS ROLE



From its beginnings as the Czechoslovakian Panzer 38(t) through many later vehicles – most notably the 'Hetzer' the Panzerjäger G13 formed the last variant of the venerable Jagdpanzer 38 (Sd.Kfz. 138/2). The vehicle was slightly upgraded from its older WWII brother with an up-gunned StuH40 seen on the Sturmgeschütz III and IV. It was also outfitted with myriad external features which give it a distinctive look compared to wartime variants. Another easy tell – and often the quickest way to determine if a museum Jagdpanzer is a post-war G13 – is to check the engine deck hatch hinges. If it's a post-war variant, the hinges will be welded on. ▶

Turning our attention to the model, in this case it's Takom's 1:35 G13 based on their previously released wartime variants. Moulded in light grey plastic, the kit is crisp and comes with a small photo-etched fret and braided copper tow cable. There's also a small decal sheet for three different vehicles used by the Swiss Armed Forces. Overall this was a very fun kit with only a few construction hotspots that centred around the engine deck hatches. Despite that it was an enjoyable time building and painting the little green goblin. It's a welcome departure from

the wartime variant and highlights a long overdue and largely unrepresented subject in 1:35: if you're looking for a quick weekend build this kit is for you. Alternatively, if you want to go all out on aftermarket this kit can serve as a wonderful base to let all those external details shine. Special thanks to Marcus at TMMI for providing the kit and Jackson Stanton for his 3D design support. With the formalities out of the way, let's jump into the kit! ●



Construction began on the one-piece, bathtub style lower hull. Details on the bottom of the hull are faithfully represented and you'll also notice the interior details since this piece is taken from their Hetzer series. The leaf spring suspension was straightforward to assemble. Sprocket and idler housings were also fitted at this stage



Following the suspension components attention was given to the upper hull. The multiple top panels were all secured using liquid cement. Unfortunately, there were some inconsistent gaps that would need to be addressed later. Additionally, I decided not to replace the tool handles, but added some refinement by drilling out their bracket-latches



Other small items were attached, which started to create the distinct G13 appearance. One item to note is the forward headlight; the locating mark for the WWII Notek light needs filled and Takom doesn't provide clear guidance on attaching the conduit fixture behind the light. I found 3mm to be close enough and I added a piece of stretched sprue to represent a conduit



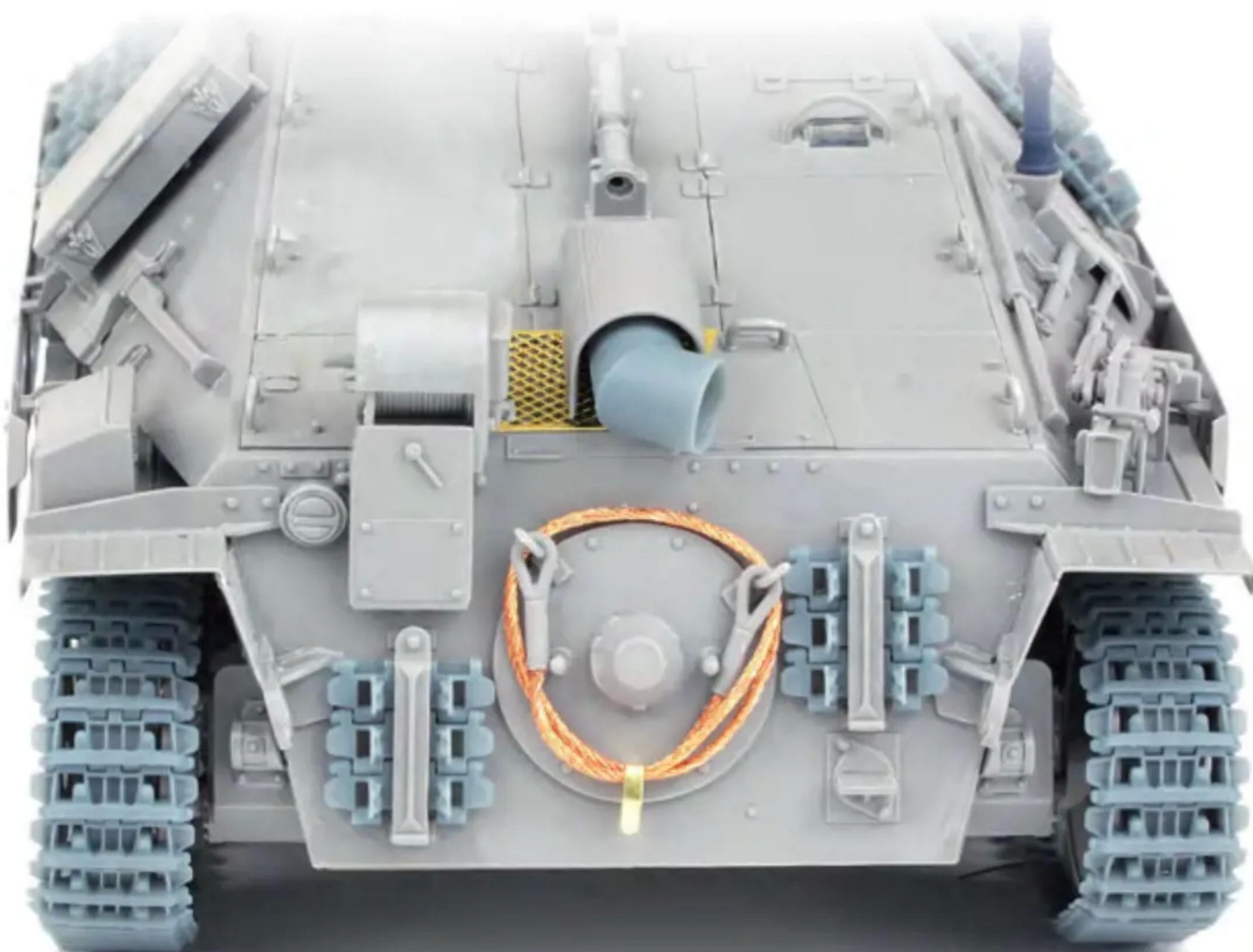
A small but tedious activity unique to the G13 was removing the rivets from the hatch hinges. Post-war variants went away from riveted hinges and opted for welded ones. It's another quick way to tell if a museum Hetzer is a legit WWII or postwar variant. Takom provides some G13-specific hinges but the parts from the WWII-option require a little bit of modification with an X-Acto blade



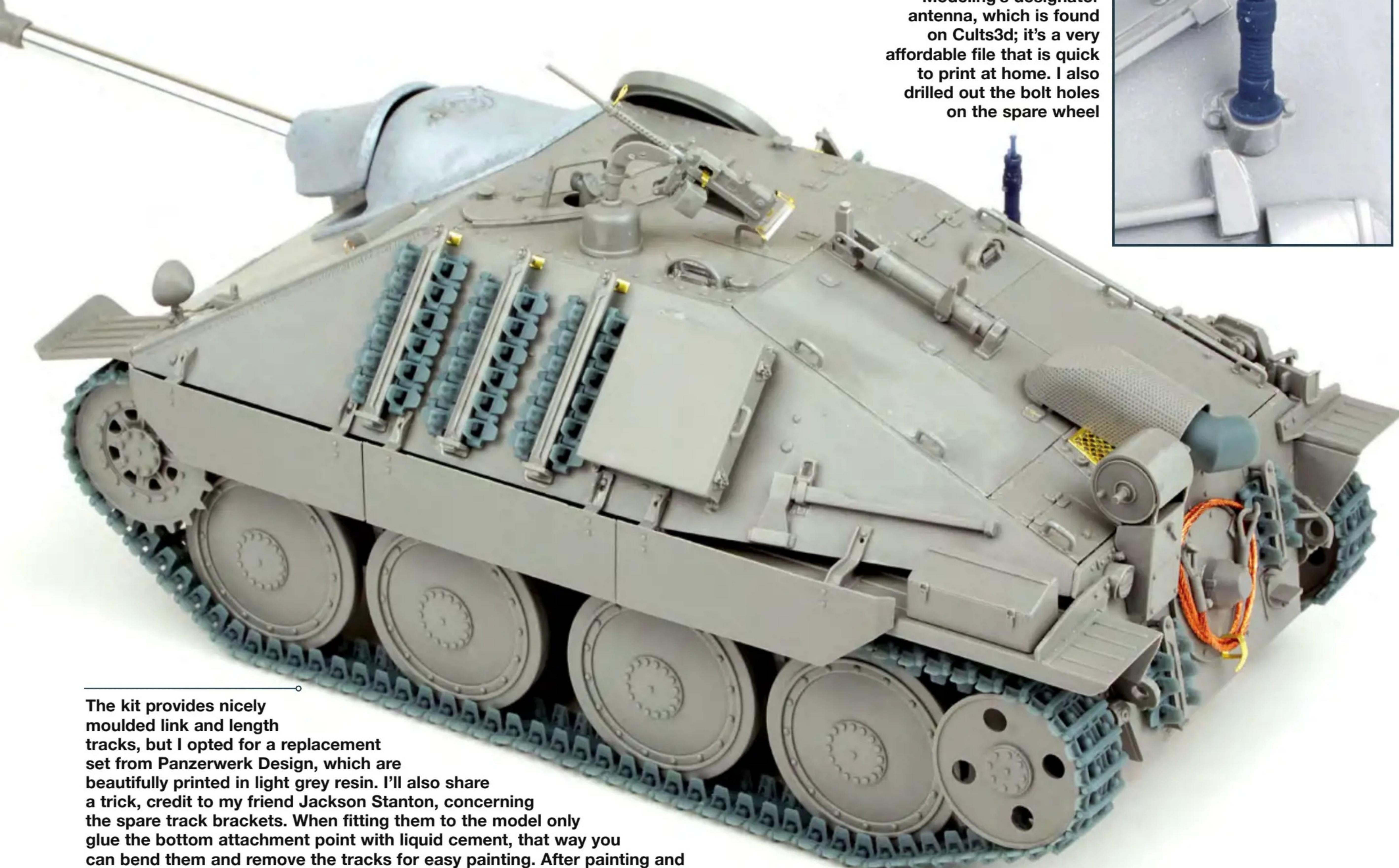
Another small tweak to the kit was enhancing the cast texture on the mantlet. This was quick and easy by stippling Tamiya Basic Type Putty thinned with liquid cement. I also added a small strip of styrene to the front of the glacis; I'm not sure what this little tab was for but I've seen it on several G13s. A trick to help form the right side photo-etched light guard was to use the end of a paint brush; the rounded end was perfect



I opted to relocate the machine gun to the commander's periscope housing. There's a few photographs of it positioned on the top of the hull, which I found more dramatic as opposed to the stowed position on the rear deck. Using a plastic rod was a much easier option as the kit provided handles that carried a mould line



Takom is known for adding nice touches to their kits and the G13 is no exception. In addition to a small photo-etched fret and turned aluminium barrel, they also include a piece of braided copper wire for the rear towing cable. Don't make the mistake I did and use the WWII-era towing loops, I did go back and fix them with the proper piece. You'll also notice Rado Miniatures beautifully printed exhaust, simply a must



The kit provides nicely moulded link and length tracks, but I opted for a replacement set from Panzerwerk Design, which are beautifully printed in light grey resin. I'll also share a trick, credit to my friend Jackson Stanton, concerning the spare track brackets. When fitting them to the model only glue the bottom attachment point with liquid cement, that way you can bend them and remove the tracks for easy painting. After painting and weathering simply add a small drop of super glue to the top attachment point

Another modification to the kit was to add M36 Modeling's designator antenna, which is found on Cults3d; it's a very affordable file that is quick to print at home. I also drilled out the bolt holes on the spare wheel



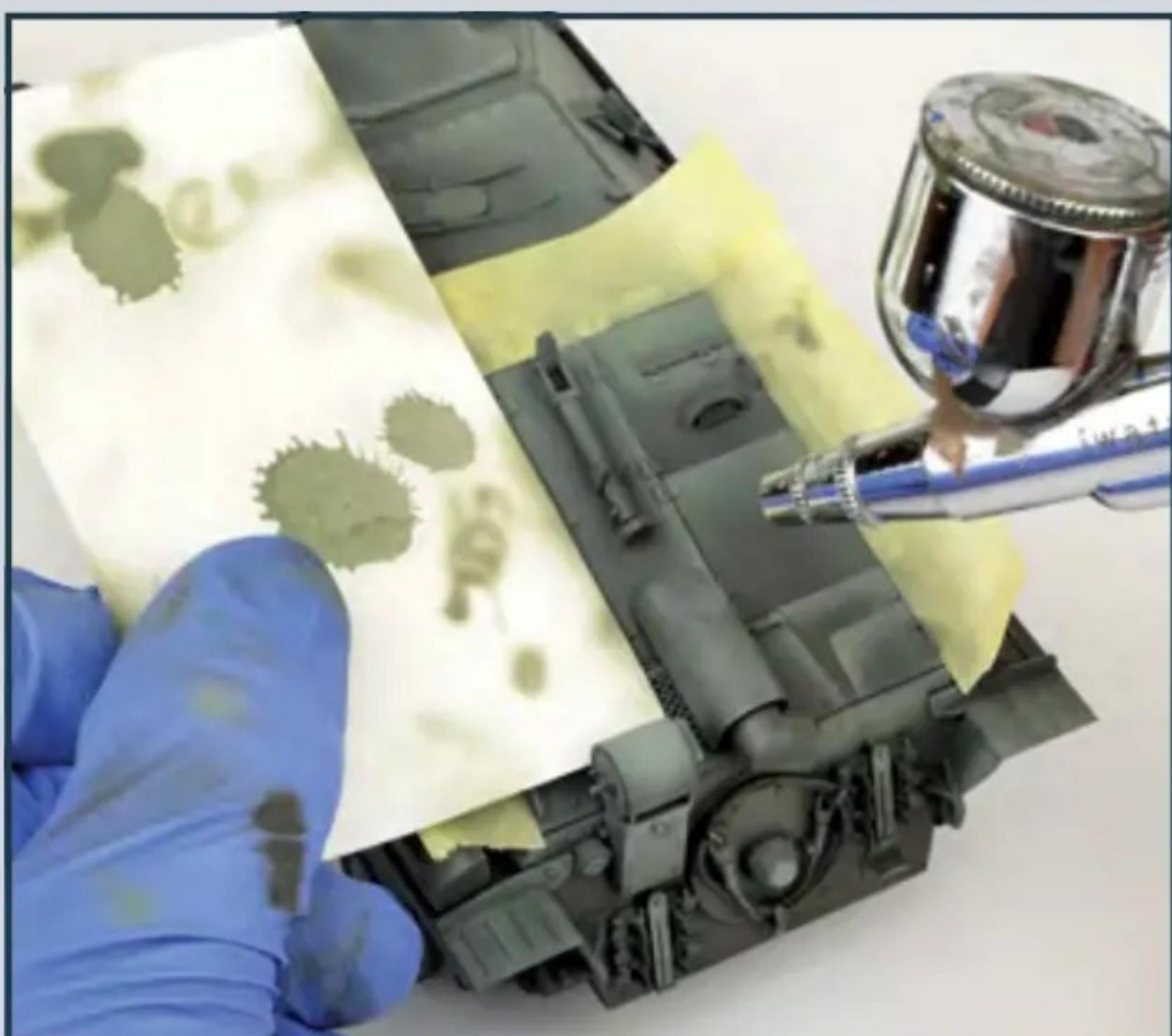
Painting began with a ubiquitous primer coat, this time Mr. Finishing Surfacer 1500 Black thinned 1:1 with Mr. Leveling Thinner. The resulting finish was a durable smooth layer that was ideal for subsequent paint coats



The first layer of colour applied was in the form of Tamiya XF-74 Olive Drab JGSDF; I didn't find it to be like traditional olive drab at all, but it was the perfect foundation layer for the Swiss's unique green colour

Next up was to start the modulation process, a method that can be loved, hated, or treated as 'meh' from modellers. I personally love it for certain subjects and the angular lines of the G13 begged for it. Adding XF-21 Sky to the XF-74 proved to be a nice starting point. The XF-21 provided a cool colour hue to lighten the dark olive drab and helped retain the colour saturation as opposed to using pure white. This 3:1 (XF-74/XF-21) and 1:1 with X-20A thinner was lightly applied over the entire vehicle with a second coat focusing on the centre of horizontal panels and the tops of vertical surfaces

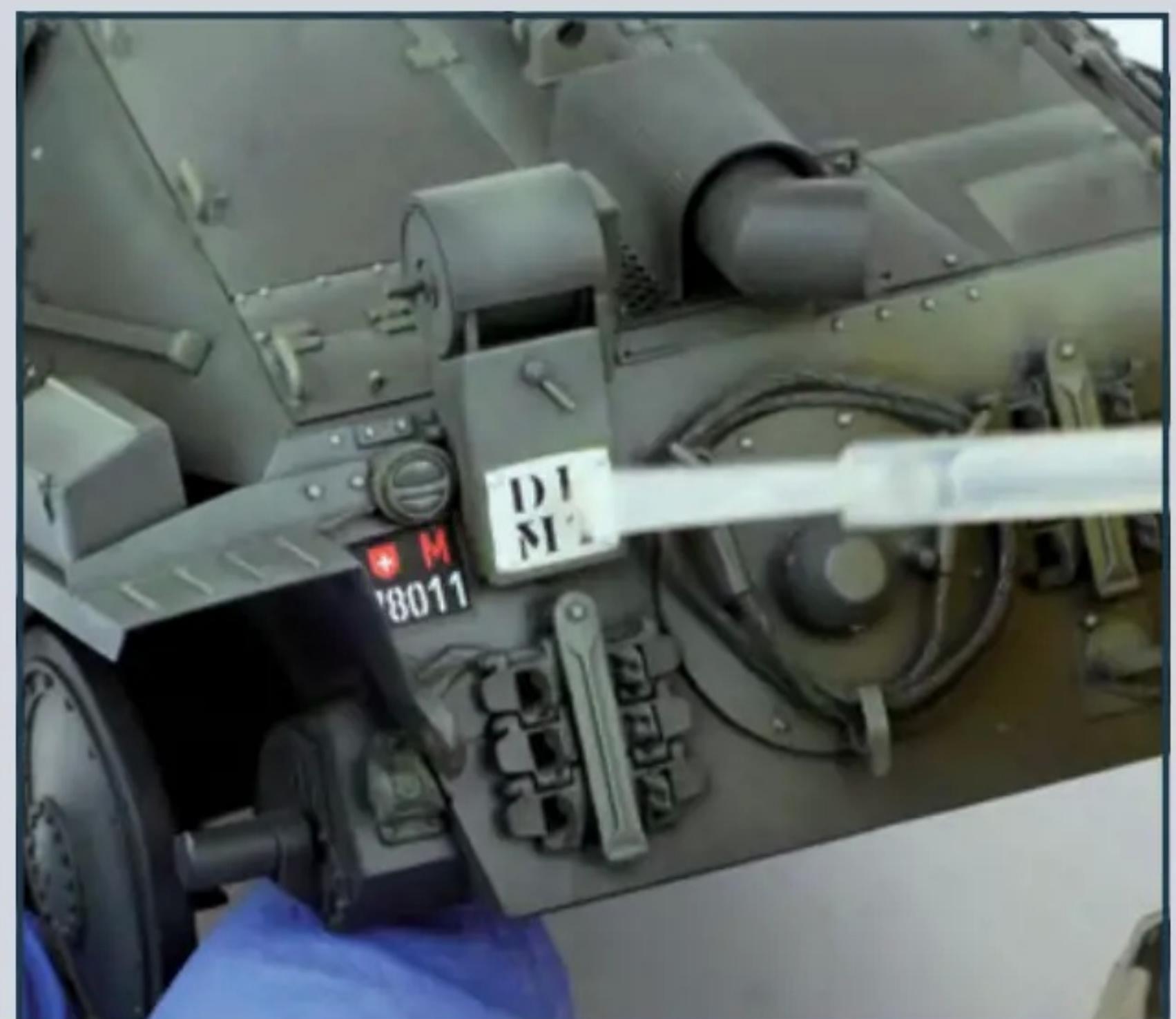




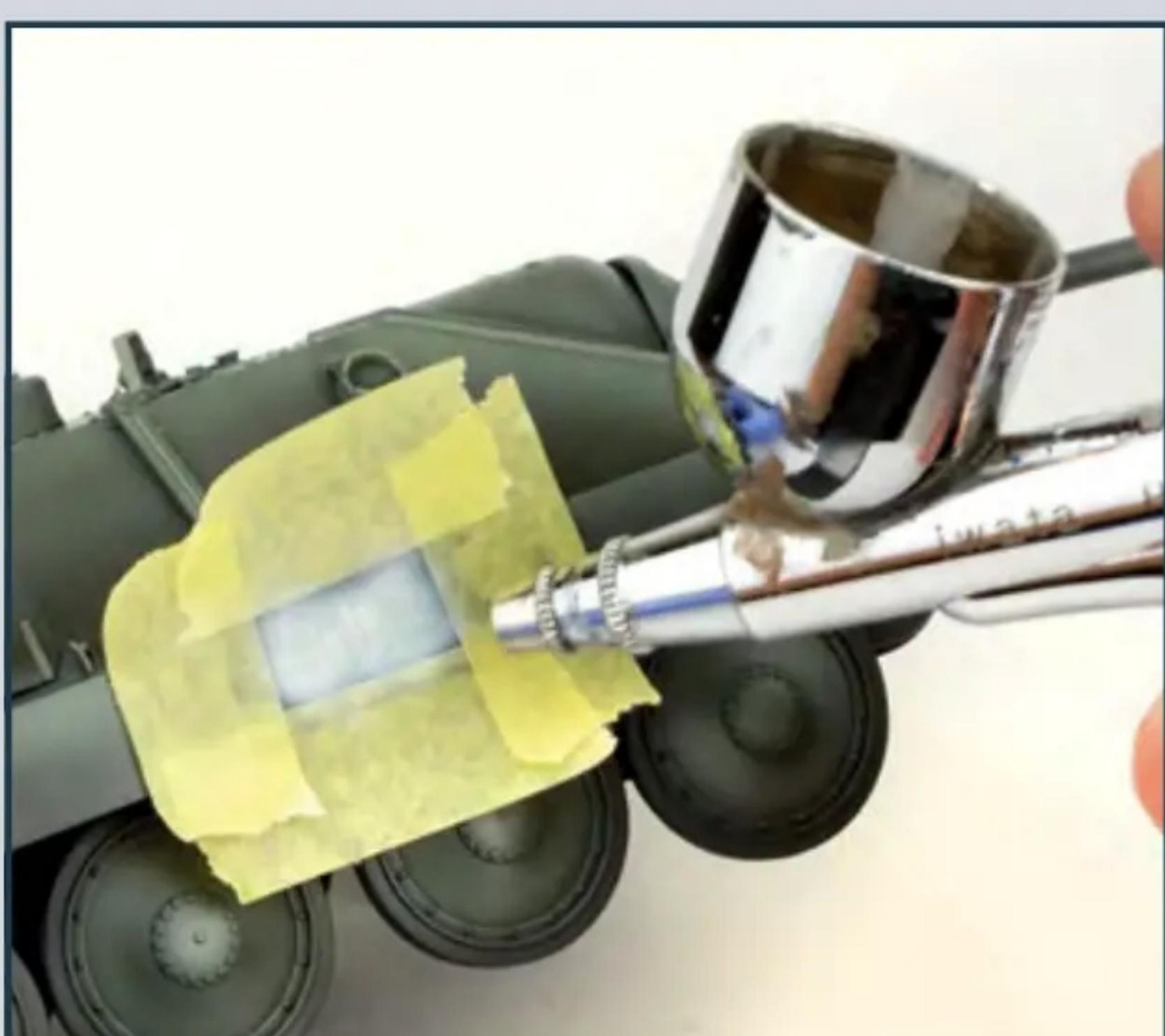
Now it's time to turn it up to '11'. The modulation process takes an aggressive step forward by adding 50% XF-21 to the mix with XF-74. At this stage panels are selectively masked and the colour is slowly built up over multiple layers to create the gradient look. Larger panels are airbrushed at oblique angles to help with colour transition. For the mantlet and housing I focused on adding light tones around the edges



To further highlight the details a fine tipped brush was used with various acrylic paints similar in colour to the airbrushed base-coat. In this case I used AK's lovely 3rd Gen acrylics, which included RAL 6003 Olive Grun, Grey Green, and Off White. Grey Green proved to be the perfect mid tone for highlighting the details, to lighten the colour I added some Off White, conversely to darken I added some Olive Grun



Before applying decals, the entire model was given a coat of Tamiya LP-9 Clear. This lacquer-based paint creates a solid foundation for weathering and protects the underlying paint from staining when using a decal setting solution. Takom's decals are traditionally on the thicker side, but after trimming the carrier film and applying Tamiya Mark Fit Strong they settled down onto the surface



Some of the Swiss G13s carried a three digit vehicle marking which isn't included in the kit decal sheet. However, it was an easy addition with a mask made with my vinyl cutter. The three digit tactical number was typically seen on the front and side of the vehicle, but some had a smaller tactical number on the rear. Also, 312 was chosen because my friend Jackson Stanton, who helped immensely on this project, built vehicle No.311



Following the markings I decided to apply an overall matt coat from VMS before starting the weathering process. VMS is absolutely outstanding over decals and makes them easily blend into the surface and remove any sign of carrier film



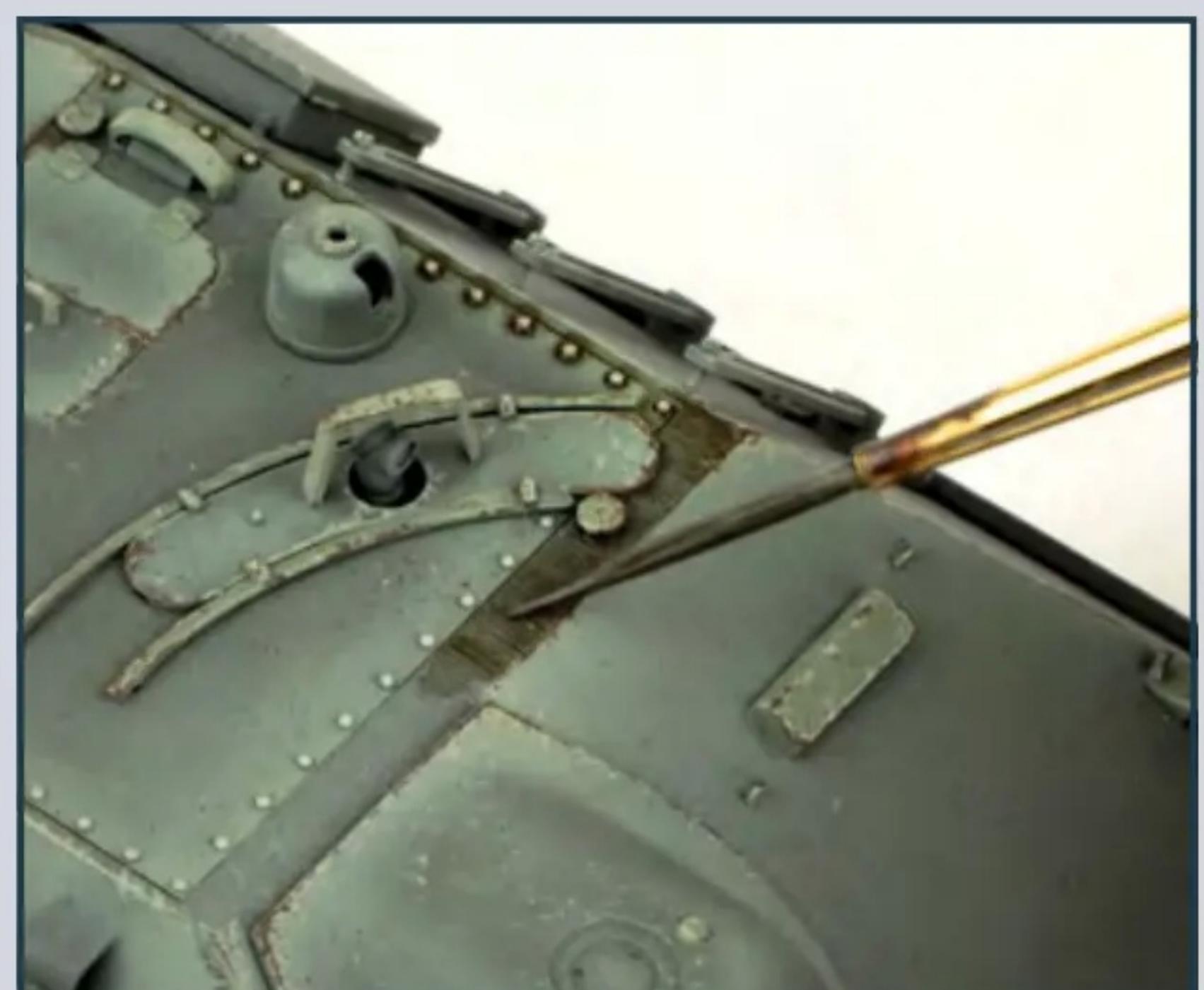
Chipping began with a sponge secured in self-locking tweezers. The initial light colour was Grey Green from AK Interactive's 3G line. It was thinned with a few drops of water prior to application. Using a sponge is an easy way to kick-off the chipped paint phase allowing you to cover a lot of ground in a relatively short amount of time



Using the same colour and mixing ratio I speckled the entire vehicle. These small specks break up the large surfaces and add another layer of texture. Ideally the specks are only noticeable when you're up close with the model. It was helpful to have a clean damp brush handy to quickly remove any unwanted specks



After the chipping was complete I picked out all of the tools with acrylic paints. It's important to do this after the chipping, if you did it before you'd have to go back and touch them up



A pin-wash to all of the details really made the model's contrast pop. In this case, I used AMMO's Oilbrusher Starship Bay Sludge thinned with odourless enamel thinner. I liked the Starship Bay Sludge because it has a slight green hue that complements the models base colours. After allowing it to dry for ten minutes I returned with a clean brush, dampened with odourless thinner, and cleaned up the excess 'wash'

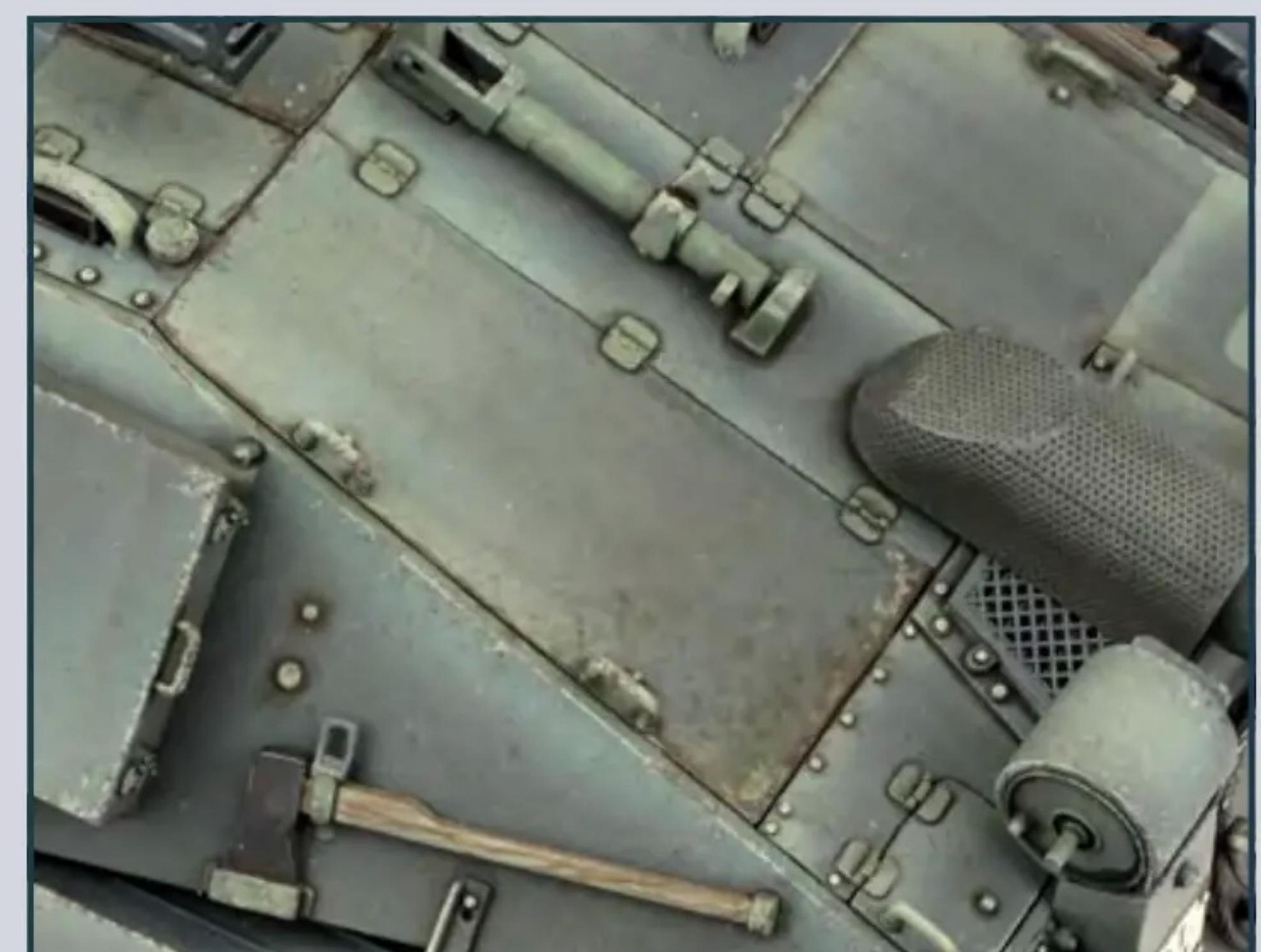


Dust foundations on the model began with a 1:1 mix of Tamiya XF-57 Buff and XF-62 Flat Earth that was airbrushed over the lower surfaces. The airbrushed dust layer is slowly built up; it's barely visible now but serves an important role for knowing where to begin with oils in a later technique



The same dust mix was airbrushed over the tracks, which were base coated in a 1:1 mix of XF-1 Flat Black and XF-64 Red Brown

The wheels on a Pz38(t)-based chassis characteristically always have a bright silver rim from the track teeth polishing the surface; this was a simple add using a fine-tipped brush and silver paint



Darker speckling using AMMO's Dark Wash was applied to replicate grease, oil, and fuel stains on the engine deck hatches



The last step was using a graphite stick to highlight the edges of tools and threading on the tow cables

FULL-BUILD POST WAR SWISS ARMOUR

TAKOM 1:35 PZJ G13 · KIT NO.2177



TECH SPEC...

TAKOM 1:35 PZJ G13 KIT NO.2177

Materials:

Injection-moulded polystyrene, photo-etched brass, aluminium gun barrel, braided copper wire, waterslide decals

Paints used:

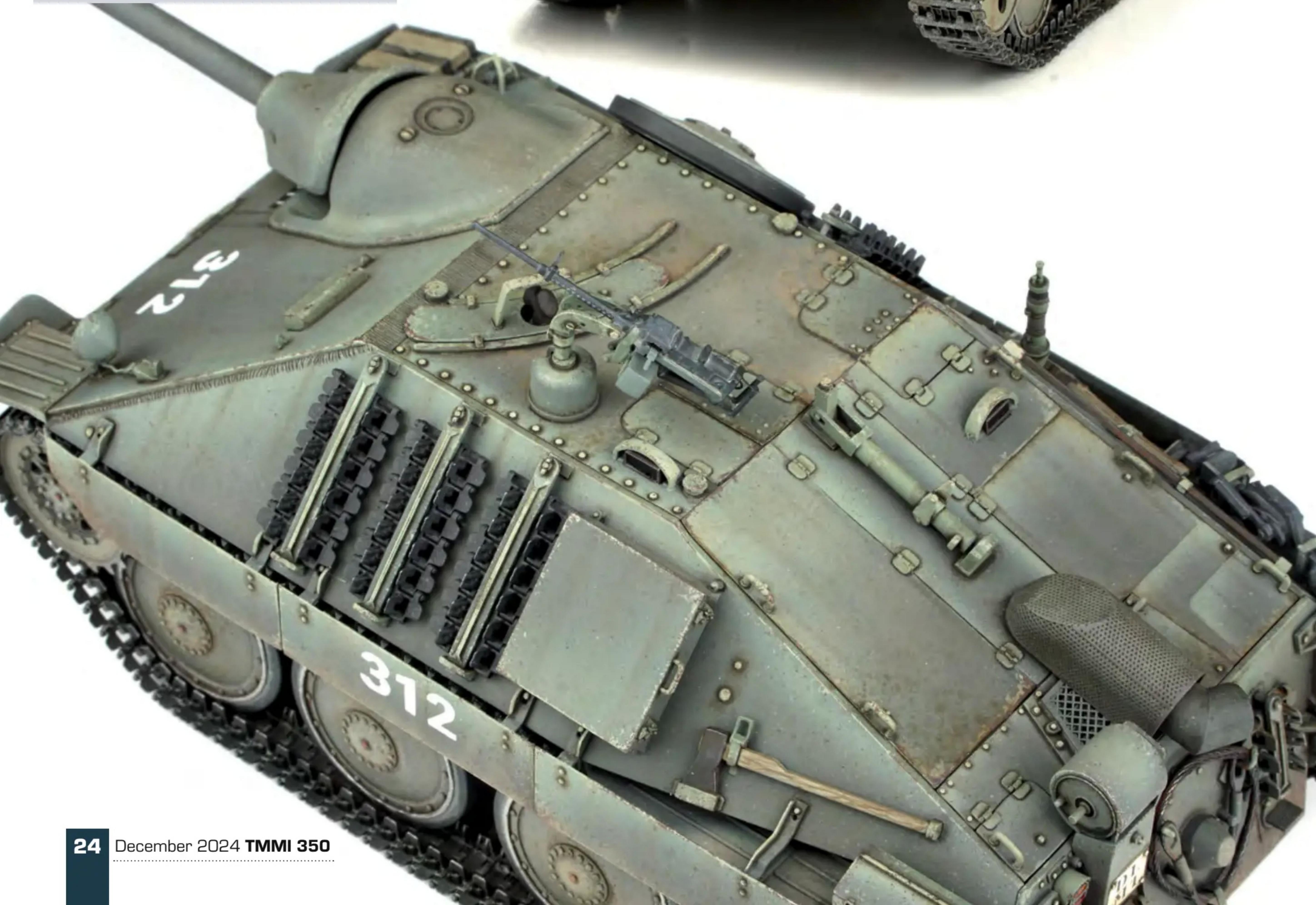
- Tamiya Acrylics: XF-74 Olive Drab JGSDF, XF-21 Sky, LP-9 Tamiya Clear, XF-57 Buff, XF-62 Flat Earth, XF-1 Flat Black, XF-64 Red Brown
- AK Interactive: 3rd Gen acrylics, which included RAL 6003 Olive Grun, Grey Green, and Offwhite.
- AMMO: Oilbrusher Starship Bay Sludge, Dark Wash
- Mr Hobby: Mr Finishing Surfacer 1500, Mr Leveling Thinner
- VMS: Matt varnish

Accessories used:

Panzerwerk Design: Jagdpanzer 38 Hetzer Final Pattern tracks (35-PW054)

Availability:

- Takom models are widely available from good model shops and online. UK import and distribution by: www.bachmann.co.uk
- Panzerwerk Design: www.panzerwerkdesign.com.pl



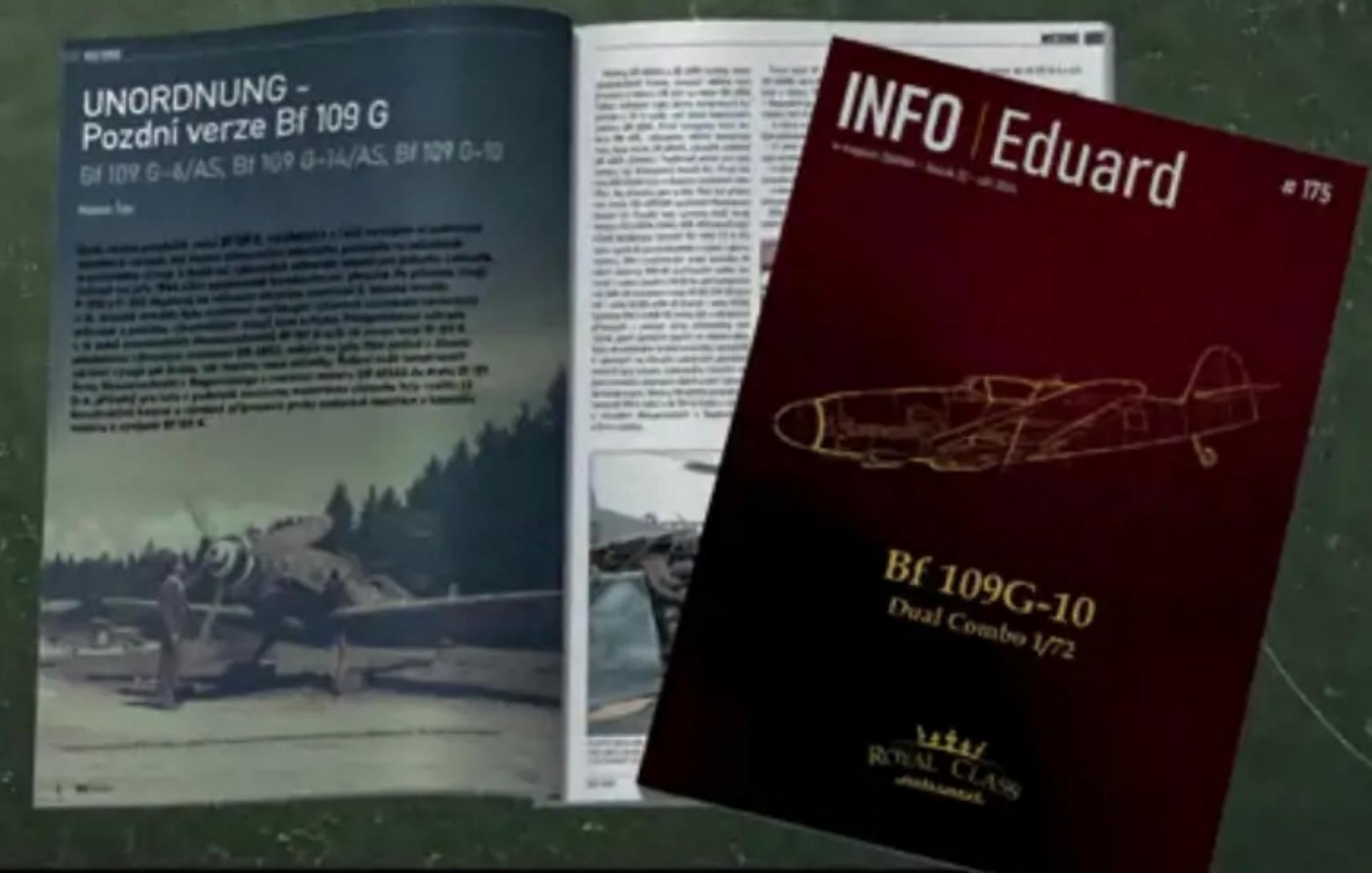
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NOVEMBER RELEASES

**1/72**

P-51D-5 Mustang

The ProfiPACK edition kit of US WWII fighter aircraft P-51D-5. The kit is focused on aircraft without the dorsal fin assembly.

**1/48**

Mustang Mk.III

The ProfiPACK edition kit of US WWII fighter aircraft P-51B/C Mustang. The kit offers to build Mustang version B and C serving in the RAF.

#82109

**1/48**

Bf 109G-4

The Weekend edition kit of German WWII fighter aircraft Bf 109G-4.

#84203

**1/48**

DH-2

The ProfiPACK edition kit of British WWI fighter aircraft DH-2.

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TU SO

One can never have too many Porsches, surely? **Mark Casiglia** builds Tamiya's 1:24 kit, released over ten years ago and still going strong



TURBO AND SCHNAPPS

Tamiya released the 1:24 Porsche Turbo RSR Type 934 Jägermeister in 2013, which then gave rise to the Vaillant a year later. This is a simple kit with typical excellent Tamiya quality and mostly good engineering. A greater subdivision of body parts would've made this great kit truly exceptional. The engine and interior detail are sparse but completely adequate for a display model such as this. There is some PE detail included and the only aftermarket I chose to use was fabric seatbelts to replace the provided kit decals, since the driver's seat is the most visible aspect of the car's interior.

To commence the build I started with painting the wheels, which come as pre-chromed parts of very good quality. The inner sections were brush-painted using Mr Color Supermetallic 2 Super Gold 2, using Tamiya Lacquer Paint Retarder Lacquer to slow down the setting and allow application without no brush strokes. The centres were painted in Mr Metallic Color GX201 GX Metal Black, also using retarder. The rubber tyres had their midline seam along the running surfaces removed with a rotary rubber abrasive bullet followed by SMS hard sanding sticks under a running tap, to achieve a smooth surface. The tyres were added to

the hubs and set aside for installation later.

Smoothing the body of mould seams and was the next step, as I wanted to get the paintwork started sooner rather than later as lacquer paints need time to gas off and fully set between steps down the track. I used an SMS ceramic scraper to start the process, followed by GodHand sanding blocks and the Dspiae ES-A reciprocating sander, which has many head shapes and sizes with self-adhesive abrasive pads of different grits, to assist in reaching places otherwise harder to access. Meanwhile all of the undercarriage components such as axles and suspension parts were painted, with some parts

pre-assembled where possible. Mr Surfacer 1500 Black was used as the primer throughout these parts.

The main engine block is moulded to the single underside part so I elected to paint this first, then mask it away before painting the body colour. I used the same paints for black throughout the project, being Tamiya LP-5 Semi Gloss Black and AK Real Colors RC071 Black 6RP. The latter is a very dark grey and was used where flat black was required and created some variation in the black shades to add interest. Other parts were painted using both LP-19 Gun Metal and LP-20 Light Gun Metal, often in combination for shade variation. ▶

ENGINE COLOURS

The main engine block and some smaller parts were brush-painted in Vallejo Metal Color Dull Aluminium with other parts being painted in Vallejo Metal Color Gunmetal Grey. Brush painting created a good cast metal appearance to the surface of the engine block, enhanced by Tamiya Panel Line Accent Color in black. Finally, sparse dry brushing in Tamiya X-32 Titanium Silver lifted the detail out of black parts and enhanced the surface sheen of silver areas.

The interior was a simple enough affair with minimal parts and painting requirements. I was determined not to go to too much trouble as most of it is simply never seen. The one exception is the driver's seat, and especially the racing harness. The kit provides a decal, which I couldn't consider using since it would simple look cartoonish. I had a Turner Model Manufactory racing harnesses set for 1:24, which allows for several projects from the one packet. These are produced with different fabric colours. Fortunately I had the black I needed, and I went ahead and made up a full harness complete with yellow Autoflug logos to match the branding on the decals.

The interior cockpit was painted mainly in LP-5, with some details including the steering wheel grip and driver's seat painted in RC071. Very simple instrument cluster decals were added to the dash piece, with Deluxe Products Looks Like Glass dabbed on the dials with a microbrush to mimic glass. The racing harnesses were added to the driver's seat with CA, and the seat was bonded into the cockpit. With the roll cage bonded into place, the cockpit assembly was complete and ready for addition to the chassis later.



BODYSHELL PREP

All the while, I was working on the outer shell in preparation for painting. I chose to use Mr Surfacer 1500 Pink as the primer as I thought the final orange colour would be more brilliant over that base. The first primer layer revealed more work to do in removing mould seems in the body. The same processes were used to scrape, sand and smooth the seams as previously. The Dspiae ES-A and GodHand sponges were again excellent, as were Infini soft sanding sticks and Hobby Mio tapered sanding sticks for tighter corners. After three rounds of priming and smoothing, I was happy with the smoothness of the final base.

The final body colour I chose was Mr Color C59 Orange, which looked like an excellent approximation of the required colour. I wasn't able to obtain an exact paint from a manufacturer such as Zero Paints, due to stock issues. My chosen gloss coat was Mr Color GX112 Super Clear III UV Cut. After masking the completed engine block I proceeded with the underside orange airbrushing, using successively thinner coats of C59. The initial coat was about 60% paint with Mr Levelling Thinner. Subsequent coats were less and less paint until the final coat was around 10% paint, before a clear coat with a little C59 mixed in and diluted with around 50% thinner was applied. The engine masking was removed and after some brush-touching a few corners I put it aside ready for further undercarriage assembly.

The kit provides PE meshes for the front bumper ahead of the radiator behind them. These were primed with brush-painted Mr Metal Primer-R before

The wheels were brush-painted in Mr Color Supermetallic 2 Super Gold 2, with the centres painted in Mr Metallic Color GX201 GX Metal Black. Tamiya lacquer paint retarder was added to assist in slowing down the set and allowing smooth brush painting



The central mould seam was removed from the rubber tyres using a rotary abrasive rubber bullet and SMS hard sanding sticks



The completed wheels ready for installation



A Dspiae ES-A reciprocating sander comes with many head shapes and abrasive grits which makes removal of mould seams around tight corners far easier than other methods



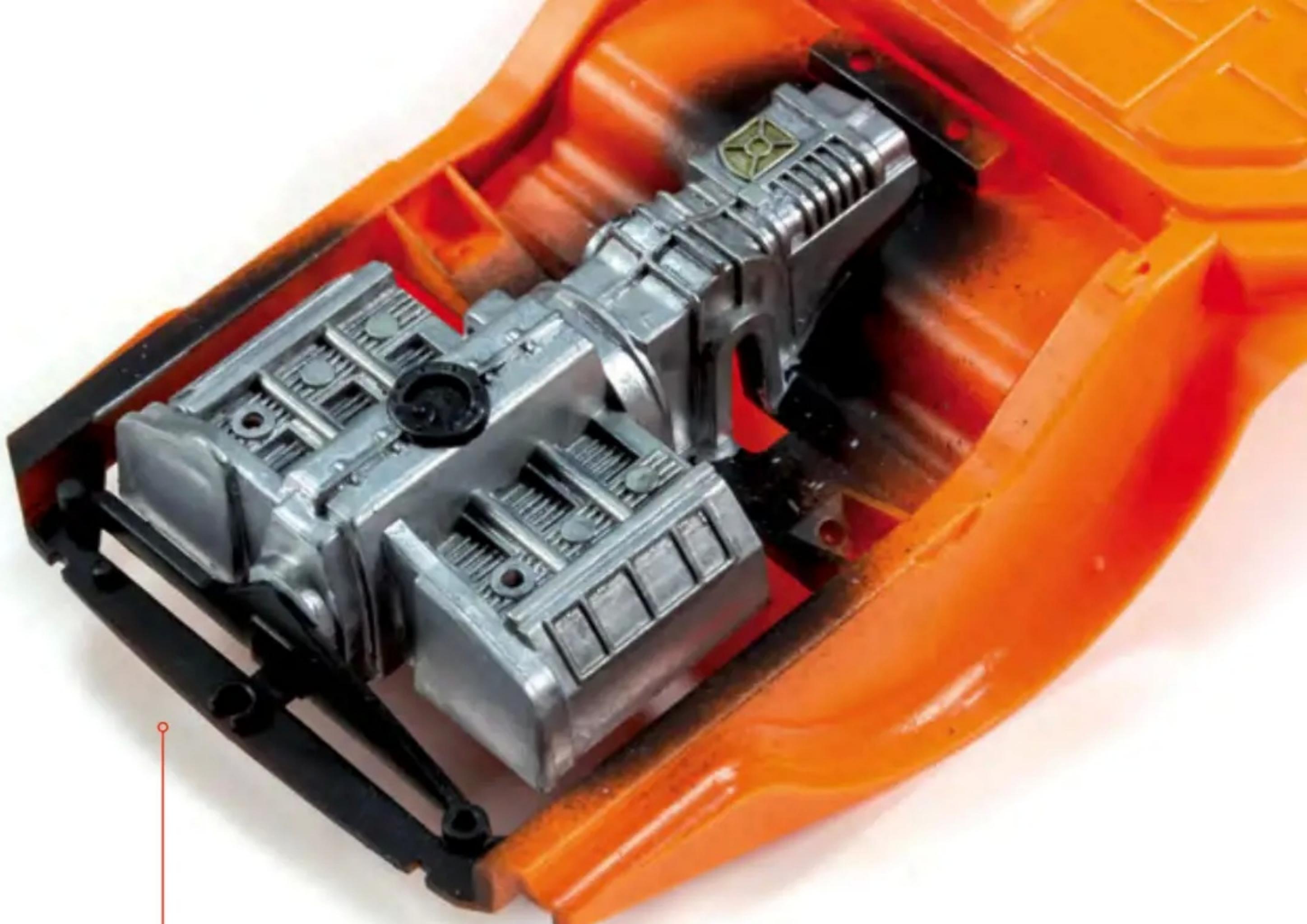
The main engine block was brush-painted with Vallejo Metal Color Dull Aluminium, while various undercarriage parts were painted with Gunmetal Grey. Brush painting gave a more authentic cast metal surface effect

The undercarriage components were painted and lightly dry-brushed, ready to be installed later. Paints used were airbrushed Tamiya LP-19 Gun Metal, LP-20 Light Gun Metal, LP-5 and Vallejo Metal Color Gunmetal Grey, with drybrushing in Tamiya X-32 Titanium Silver enamel

priming in pink ready for paint. The headlights are a curious affair that should have been designed differently to avoid a tricky masking situation.

The clear parts have a base rim that needs to be painted orange, so I used a circle stencil to cut some curved sections of Tamiya tape which made masking the tightly curved pieces more precise. After priming in pink, the headlights, meshes and main body shell were painted in C59, applying the same sequence

of increasingly thin mixes as used on the undersurface section. With the colour coats complete, I assembled all the undercarriage parts. Although a simple kit with comparatively few parts, the end result looked good and with the wheels finally added to the axles and radiator grilles installed, the underside was complete. The cockpit tub was finally glued into place and the chassis was then put aside, awaiting completion of the other shell before these parts would eventually come together. ◉



The main engine block painted. Tamiya Panel Line Accent Color in black was used to add shadows and bring out details, and X-32 enamel was used to dry-brush



The dash and steering wheel were painted in LP-5 and RC071 before the simple instrument panel decals were placed. The instrument dials were brush-touched with Deluxe Materials Looks Like Glass



Turner Model Manufactory produce an excellent set for making all manner of 1:24 racing harnesses



The completed harness in black and with the Autoflug brand to match the kit decals



Installed onto the seat, which was painted in RC071, this the harness produces an excellent enhancement over the kit decal. This is definitely worth the trouble since it is one of the few highly visible parts of the car's interior. The roll cage dresses up the final interior assembly

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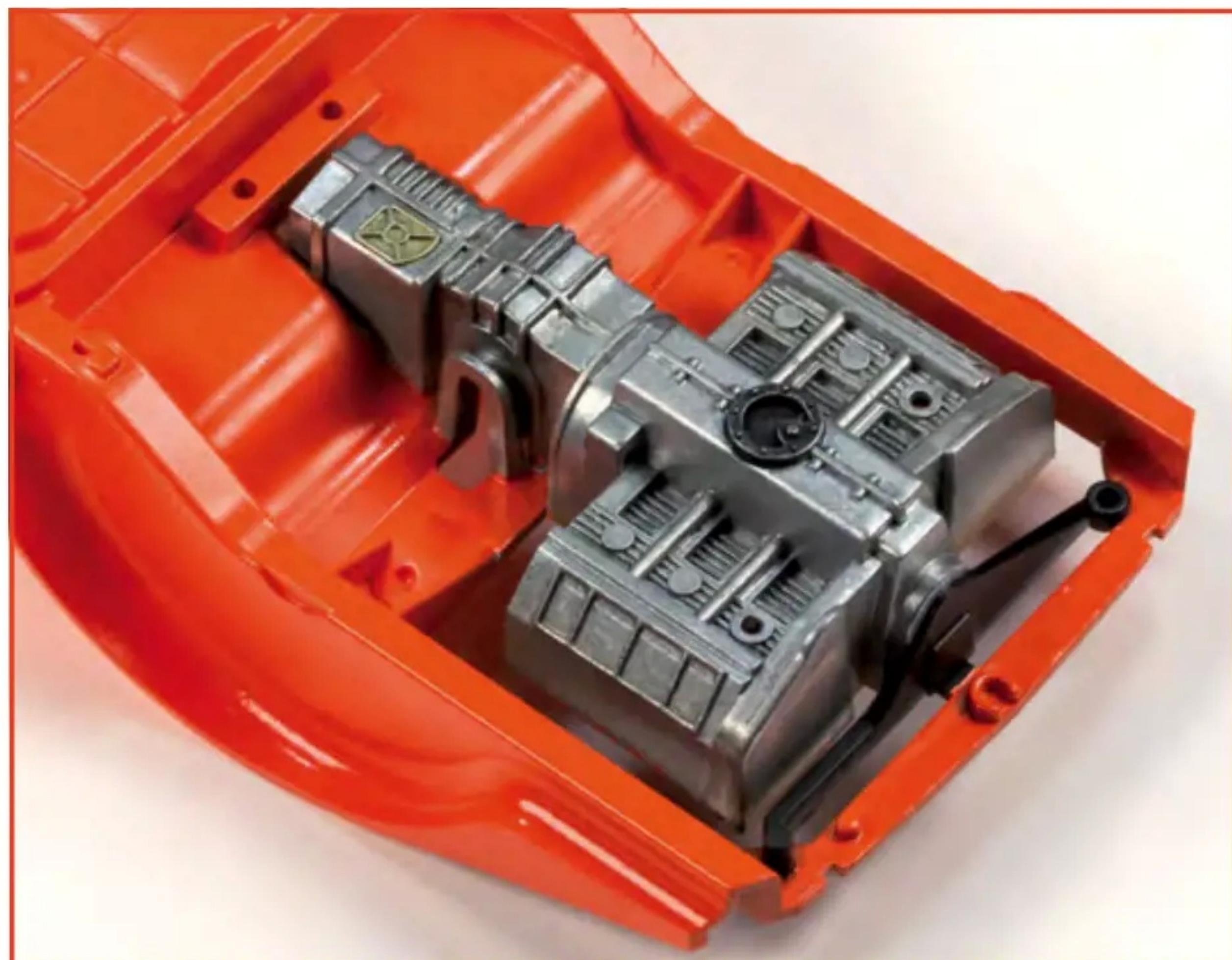
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The main shell was primed in Mr Finishing Surfacer 1500 Pink, which showed areas that needed further smoothing of mould seams. GodHand sponges, Infini soft sanding sticks, Dspiae ES-A and Hobby Mio tapered sanding sticks all came in useful. I chose pink primer to help the orange colour pop



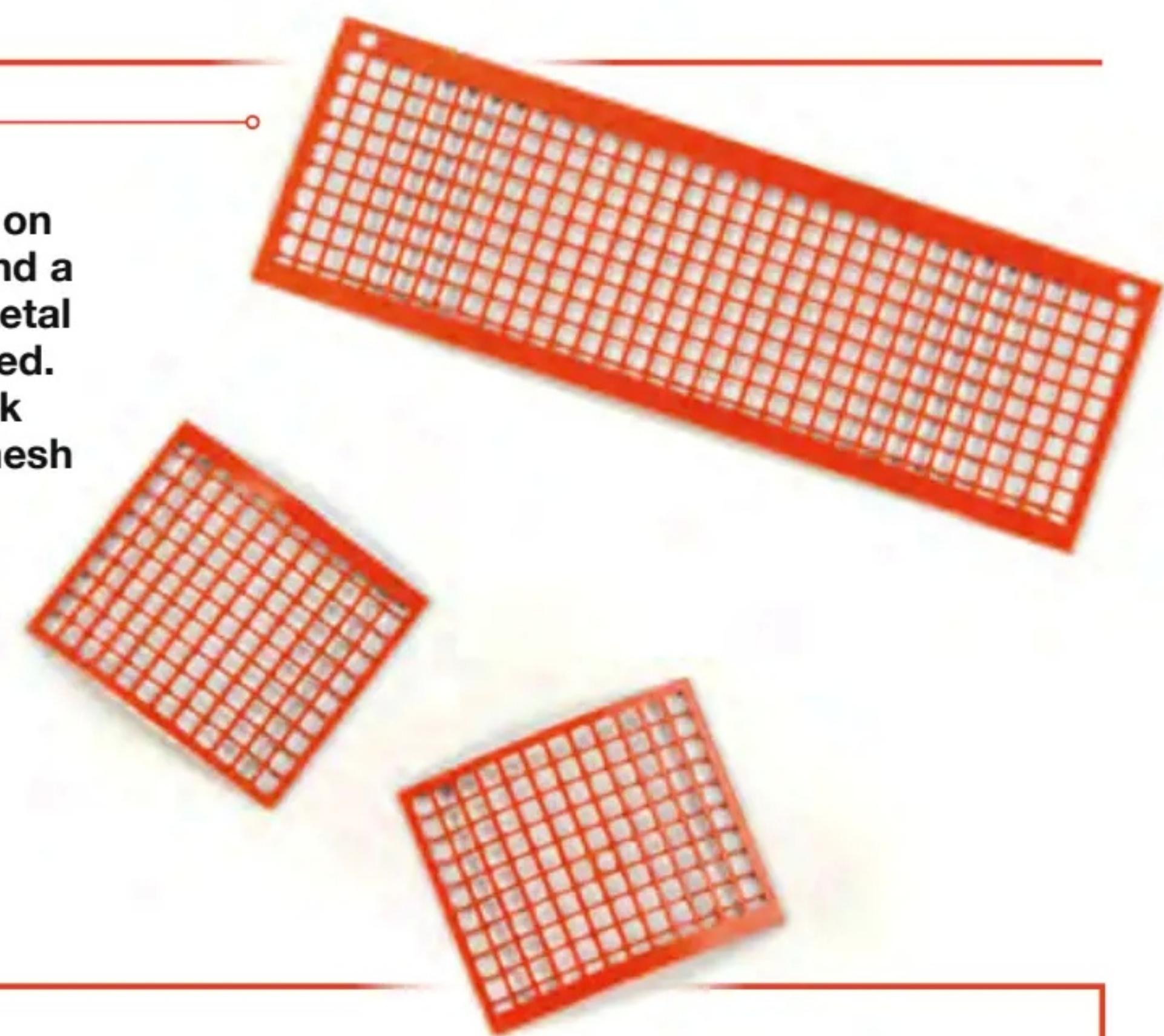
The colour used for the main body was Mr Color C-59 Orange and with Mr Color GX112 Super Clear III UV Cut used as the clear coat. The engine was carefully masked off to allow painting of the underside

DECAL TIME

After waiting a couple of days to allow the paint to dry fully, I started work on the decals. I planned to use VMS Decal Set & Fix which is a very good adhesive, and Walther's Solvaset, a powerful solvent to help the notoriously thick Tamiya decals settle down as flat as possible. Using Tamiya tape as centring guides, I started with the main circular logos on the roof and bonnet. My

plan was to remove the decals from their backing sheets the usual way then float them on top of a layer of the VMS adhesive for a few minutes to give them a chance to be as fully coated in adhesive as possible, to completely remove the possibility of silvering. This worked very well, and whether real or imagined, I felt the decals laid down much thinner following this pre-treatment. The adhesive

Metal mesh parts were lightly placed on double-side tape and a brush coat of Mr Metal Primer-R was applied. After priming in pink then painting the mesh parts orange



A strange decision by Tamiya to make the headlights in one piece instead of separating into two components meant that this part needed careful masking. A template was used to create the right sized curve to help mask and paint the parts



The rear axles and suspension parts installed



The front axles and suspension parts installed, as well as metal grilles

needs to be handled completely differently to normal decal setting solutions so careful following of manufacturer's directions are critical. When fully dried, a couple of treatments with Solvaset thinned the decals even further. This process was repeated until all external decals were complete.

The tail decal spans across a high-gloss orange and semi-gloss black section, so I placed the black art without glue, added the decal, allowed it to set then ran a sharp scalpel along the join. The black part was then removed and coated with Tamiya LP-24 Semi-Gloss Clear and set aside until the end. I removed the masking from the headlights to confirm a neat paint line, and bonded them to the body with Dspiae 01 Non-Fogging Instant CA. I then protected the clear surfaces with Mr Masking Sol Neo.

The base areas underneath the front and rear coloured lights were brush painted with Tamiya X-11 Chrome Silver enamel paint, before commencing the clear coats using GX112. I applied several coats at around 60% GX112 to 40% Mr Levelling Thinner, before several more coats at gradually increasing thinner ratio until the last coat was close to 90% thinner. This resulted in the smooth surface I was hoping for. To further smooth and polish the finish, I started with both Infini sanding sponges in 1000, 1500, 2000 and 2500 as well as GodHand sanding blocks all the way from 800 to 10,000.

The firmer blocks were used to ensure there were no steps or changes in elevation along decal edges, and the softer sponges were better for curved surfaces. I then used a soft cloth and Tamiya Polishing Compound Coarse to achieve a good initial shine and verify smoothness. I then used a Dspiae ES-P portable electric sanding pen with polishing sponges as a rotary buffer with Dspiae's polishing compounds in 2000, 4000, 6000 and 10,000. This was my first time using the tool, the sponges and the pastes and I was very impressed with the ease and effectiveness of the process. ◉

Masking tape strips are critical for centring decals with no definitive landmarks to line up against. Decals were placed on top of the Set & Fix for several minutes before applying onto the model surface



The rear wing decal straddles a gloss and semi-gloss area, which are separate pieces. I placed the black portion into position without glue, applied the decal, allowed it to set fully then ran a sharp scalpel through gap then separated the parts again before applying a semi-gloss clear coat to the black part using LP-24



The headlights were glued to the main body using Dspiae 01 Non Fogging Instant CA

The silver under the front and rear coloured transparent parts was brush-painted with Tamiya X-11 Chrome Silver



After several coats of GX112, the surface was sanded with Infini sponges in 1000, 1500, 2000 and 2500 as well as GodHand blocks from 800 to 10,000

A hand polish with a soft cloth and Tamiya Polishing Compound Coarse was the first polishing paste step

● LIGHT LENSES

The coloured clear parts on the front corners and rear of the car were brush painted internally using Tamiya X-27 Clear Red and My Hobby H92 Clear Orange. To achieve an even and well saturated result, several coats were applied. Once fully set, these parts were masked in preparation for painting the semi-gloss black trim, along with the rear window. To mask the many parts of the outer body shell requiring black trim, I used different widths of Tamiya tape and Ammo Softouch Velvet tape to fill in the inner sections. This is a very low tack tape so I thought it would be most suitable for the delicate model surface in bulk areas. Mr Surfacer 1500 Black was used first, followed by LP-5 Semi Gloss Black. Inner surfaces facing the cockpit were left in black primer. Once all the masks were removed, some brush touch-ups were done with LP-5 and retarder.



A Dspiae ES-P portable electric sanding pen with polishing sponges was very handy in combination with Dspiae's own polishing compounds in 2000, 4000, 6000 and 10,000

The coloured clear parts were brush painted internally using Tamiya X-27 Clear Red and My Hobby H92 Clear Orange. Several coats were required to create an even and well saturated result



The rear window was carefully masked in preparation for the semi-gloss black trim



The rear transparency strip is also masked for semi-gloss black



The interior black was simply painted using Mr Surfacer 1500 black

The windows were then added to the shell. First, the rear vision mirror was carefully glued to the inside of the windscreen with non-fogging CA. To bond the windows I used Ammo Ultra Glue, being very careful to stay away from areas which would show. Once in place I ran more glue around the edges internally to make certain that they would never dislodge. Small PE latches were then added to the bonnet and boot using a very small amount of CA to prevent showing excess. The black tail was clipped into position, with a very secure fit that didn't require glue. The other black grilles on the rear of the body were bonded with Ultra Glue. The coloured transparencies on the front corners and along the back were clipped in without adhesive since the fit was tight and precise.

Under the rear transparency beneath the clear section in the rear corners, I used a base of Molotow Liquid Chrome over the existing X-11 painted area, to create some added realism in these light fittings. Work was then done at the front end, inside the shell. The painted PE meshes were bonded in with CA, followed by the air intakes on the front bumper corners. ▶



The completed semi-gloss black trims, with the body now ready for final polishing and addition of small parts to complete the model



Finally the fuel cap was glued to the inside of the bonnet and at this point I decided to unite the outer body shell with the main chassis. This goes together with a snap fit after some careful coercion to flex some tabs into corresponding slots. The door handles and side mirrors were very carefully bonded using CA, along with various other small parts such as the wiper blades and tow hooks amongst others.

LAST STEPS

The decals were then placed onto the windscreen, taillight strip and

headlights. The windscreen decal was carefully trimmed prior to remove the edge of carrier film. Once again, VMS Set & Fix was used, but this time no softener was applied. I wanted to avoid the cartoonish look of stark panel lines, so I left it to the end to carefully apply a very small amount of black Tamiya Panel Line Accent Color to create a light shadow effect between some panels. Tamiya Modelling Wax was finally applied and allowed to dry off before buffing back with the provided soft cloth to reveal an enhanced surface shine to finish the project. ●



TECHSPEC...

TAMIYA 1:24 PORSCHE TURBO RSR TYPE 934 JÄGERMEISTER KIT NO.24328

Materials:

Injection-moulded polystyrene, synthetic rubber tyres, waterslide decals

Paints used:

- Tamiya: Acrylic Paints, Lacquer Paints, Enamel Paints (various), LP-24 Semi Gloss Clear, Lacquer Paint Retarder, Panel Line Accent Color (black)
- AK Interactive: Real Colors Lacquer Paint
- Mr Hobby: Mr Surfacer: 1500 Black, 500 Pink, Metal Primer-R, Mr Color Lacquer Paint, Mr Hobby Acrylic Paint, GX112 Lacquer Gloss Clear, Levelling Thinner, Masking Sol Neo
- Molotow: Liquid Chrome pen
- Vallejo: Metal Color acrylic paint

Materials and equipment used:

- Tamiya: Masking Tape, All Widths, Files, Polishing Compounds, Modelling Wax, Extra Thin Liquid Cement
- Abrasive rubber bullet
- Ammo: Softouch Velvet masking tape, Ultra Glue
- Deluxe Materials: Looks Like Glass
- Dspiae: ES-A reciprocating sander, ES-P electric sanding pen, polishing pastes, polishing sponges, 01 No-Fogging Instant CA
- GodHand sanding blocks
- Hseng: AS186 Air Compressor
- Hobby Mio: tapered sanding sticks
- Infini: soft sanding sticks, sanding sponge sheets
- SMS: ceramic scraper, sanding sticks
- Sparmax: SP-20x 0.2mm airbrush, Max-4 0.4mm airbrush
- Swann Morton: Number 11 Scalpel
- VMS: Set & Fix decal adhesive, Flexi 5K CA
- Walther's: Solvaset decal solvent

Availability:

Tamiya models, paints, materials and accessories are widely available from good model shops and online. UK import and distribution by The Hobby Company Limited; www.hobbyco.net

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TOUGH MARDER: TAMIYA'S TANK-KILLER IN THE MUD...

Takahiro Sumitomo
takes Tamiya's classic 1971
1:35 Sd.Kfz.131 Marder II
tank-destroyer and updates
it with new running gear
from Tamiya's 2008 Pz.II





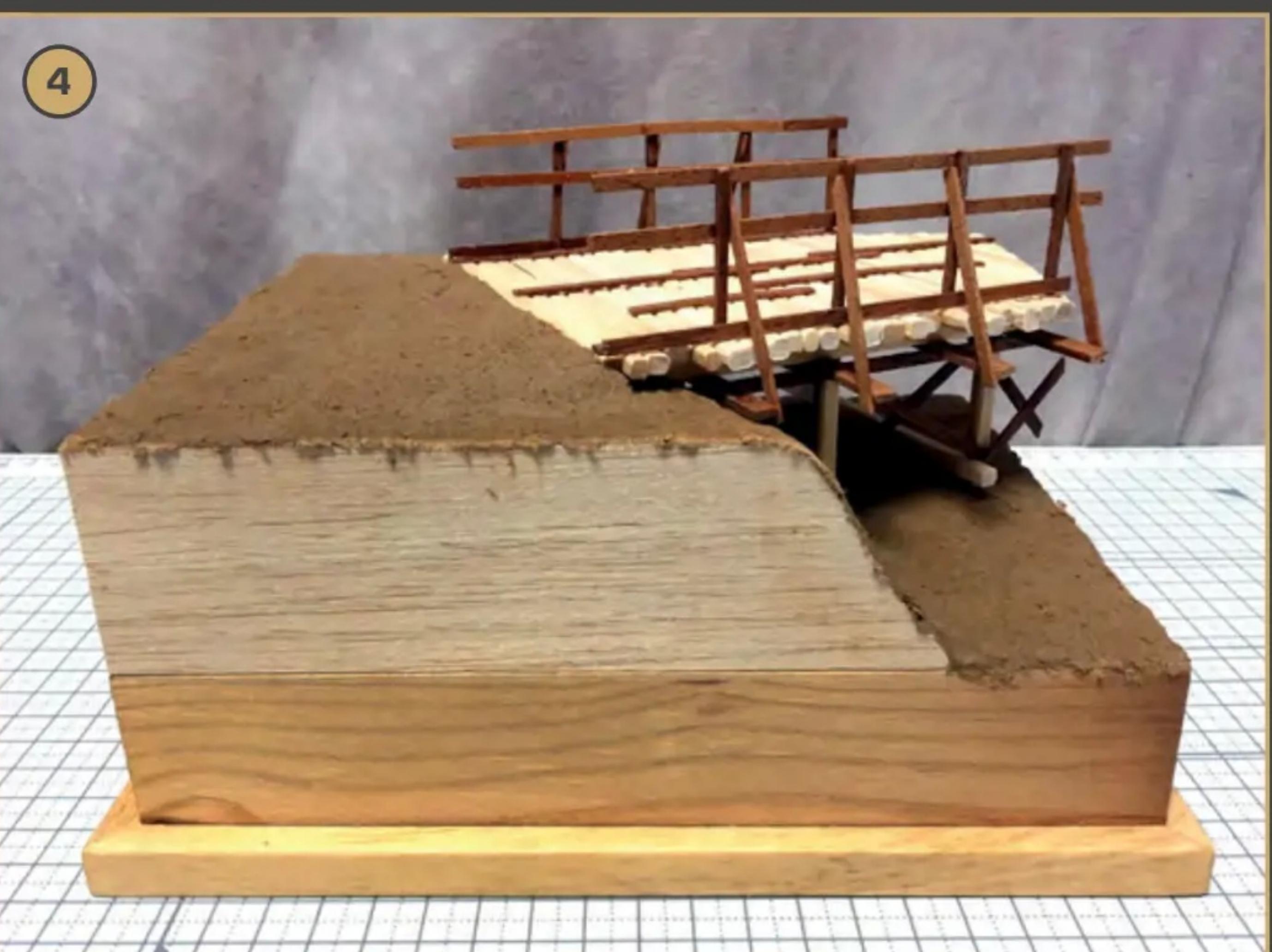
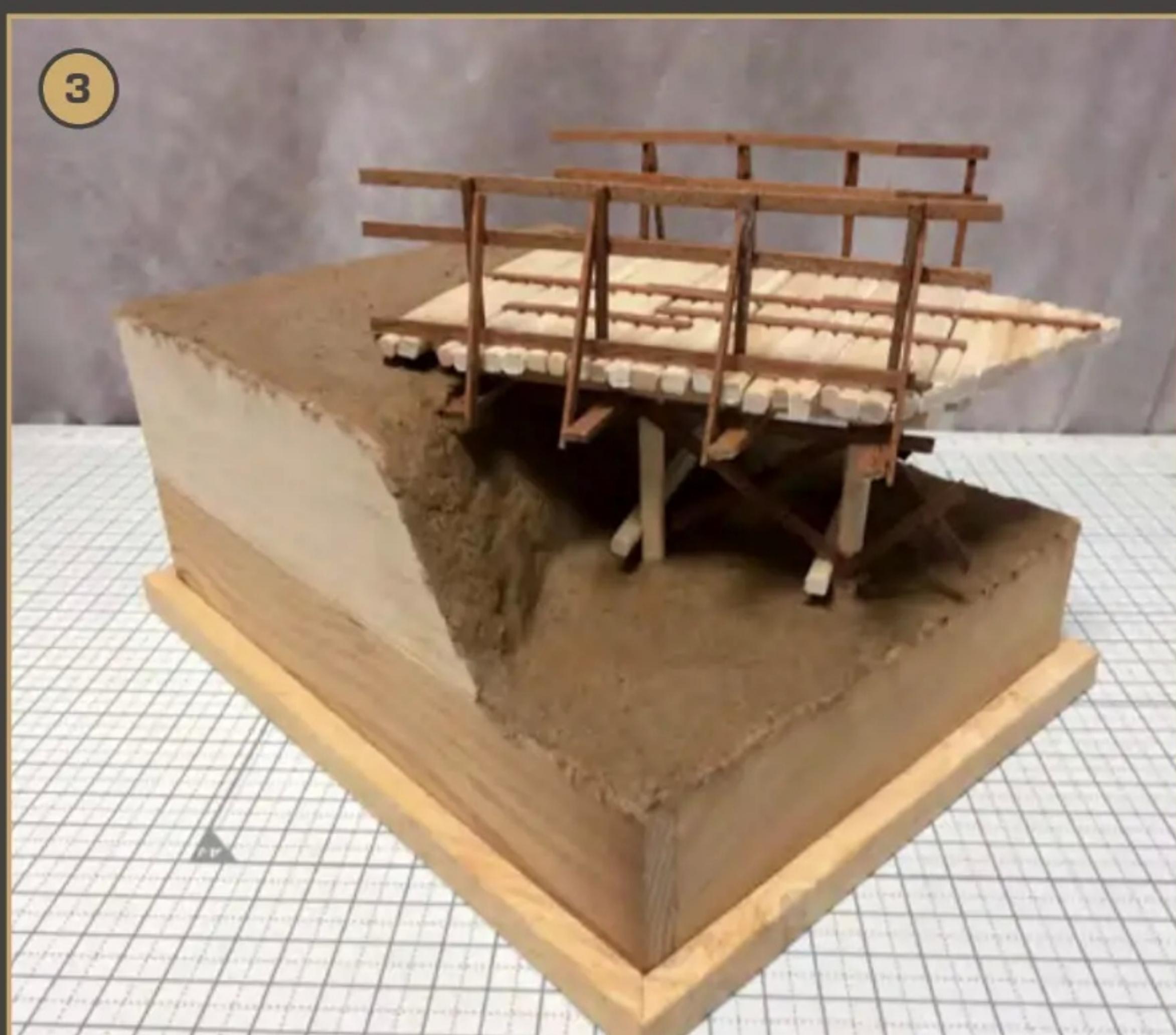
Tamiya's 1:35 Marder II is a pretty old kit (I was just five years old when it was released, Ed), but I wanted to make an old kit look cool. When it was first released, it was powered by a motor, so the chassis is a little wider to match that, but I didn't mind. I really wanted to change the belt-type tracks, so I used the running gear from Tamiya's Pz.Kpfw II. I used a 3D printer to make clamps for the tools. I used the figures from Tamiya's 1:35 Wespe self-propelled howitzer, just replacing the heads with resin ones (pics 1, 2).

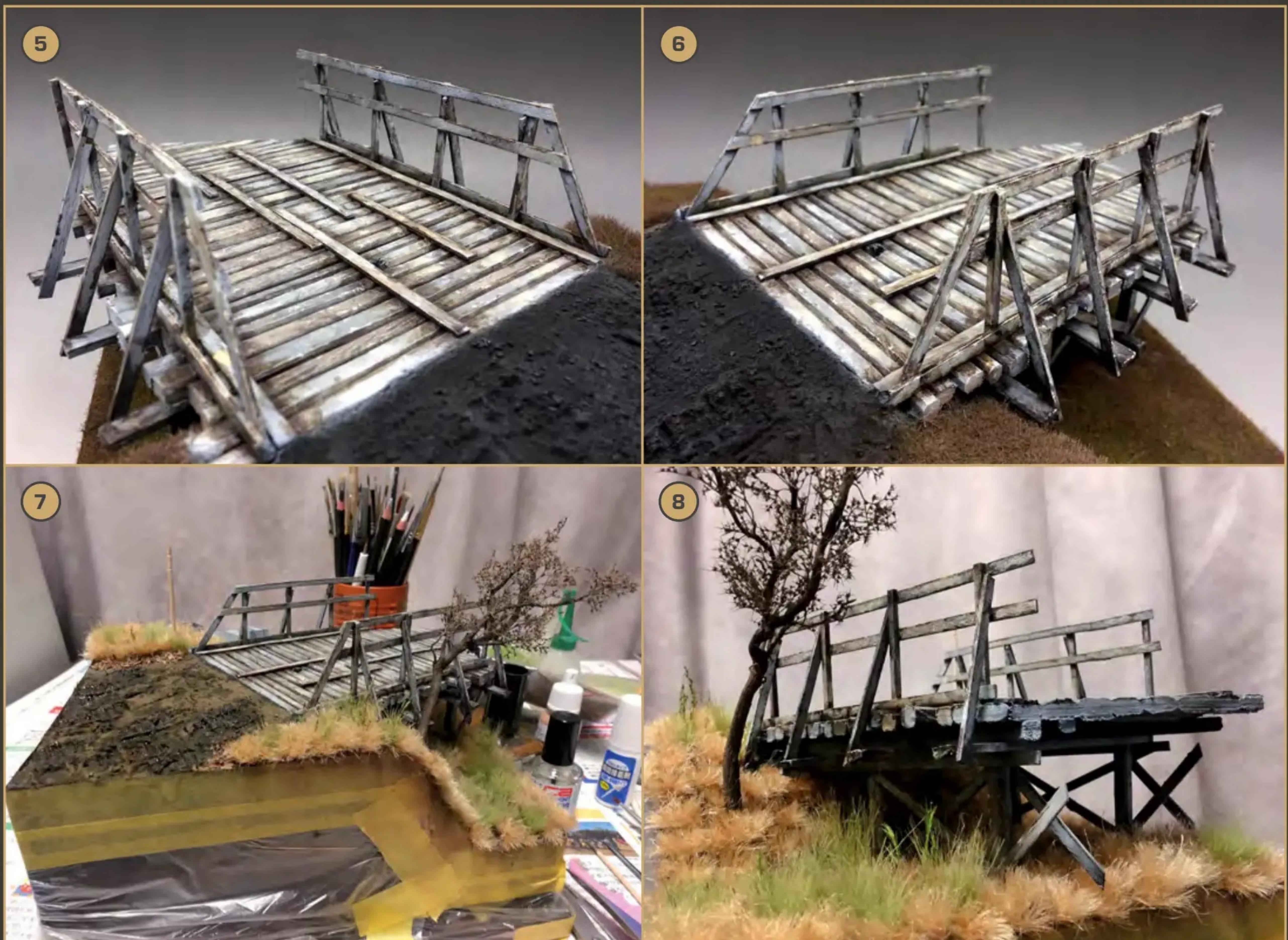


MAKING THE BASE

I used chopsticks that were left over in the kitchen to build the bridge! I used strips of mahogany for the small parts (pics 3, 4). The bridge is made of wood, so I brushed on gesso to seal it, before painting with Vallejo Grey, Tan, Earth and White. I used AK Interactive pin-wash to give it a dirty look (pics 5, 6). I

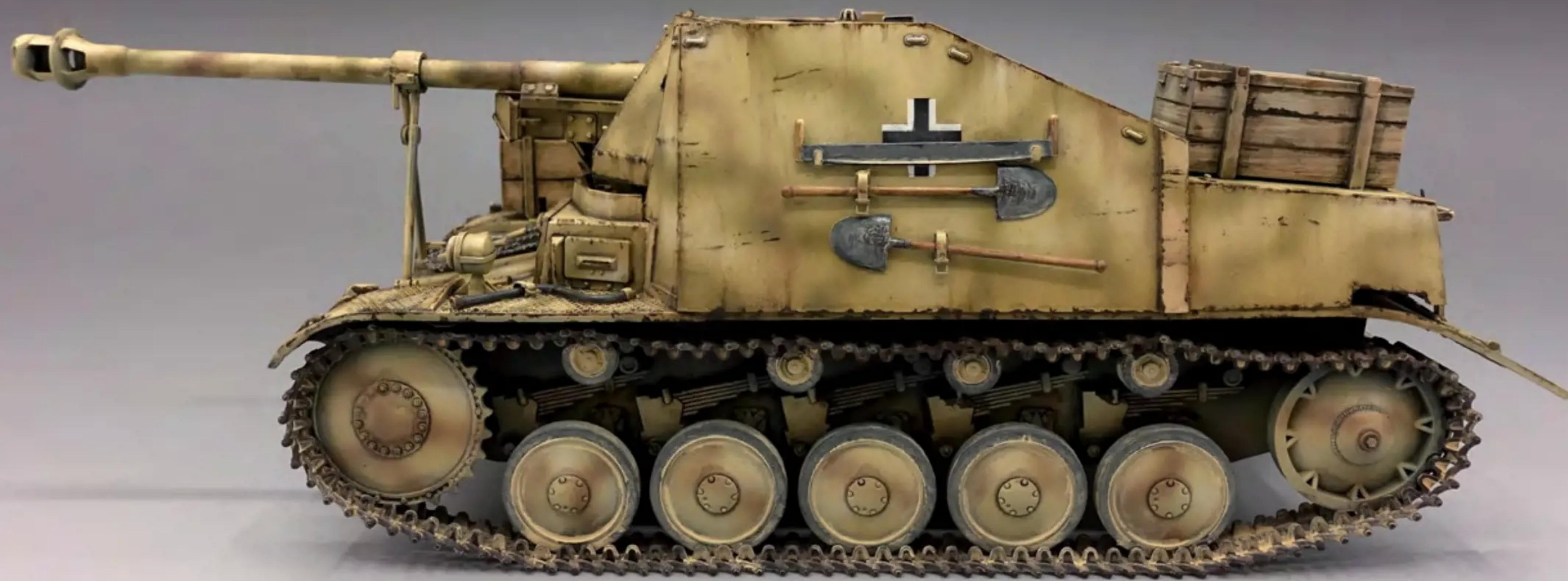
used loose hemp rope and field grass (from KATO) for the vegetation and plant roots were used for the trees' trunks. Dried Dutch flowers were glued on, but I didn't add leaves on purpose. The fallen leaves on the side of the road are beetle leaves crushed in a mixer and scattered on the ground (pics 7, 8, 9).





FULL-BUILD WORLD WAR TWO AXIS ARMOUR

TAMIYA 1:35 SD.KFZ.131 MARDER II • KIT NO.35060





VEHICLE PAINTING

The vehicle was painted with Mr Surfacer (Evo Black), followed by Mr Color Flat White sprayed from the top, then Mr Color Modulation Set Dark Yellow, with olive drab and brown used for the camouflage colours. This was my first time using AK Interactive's pin wash and I diluted the original solution with a little enamel thinner before using it. It created clear shadows and was easy to use.

And there it is! Tamiya's fifty-three year old Marder II, brought back to life with 'new' wheels and tracks, placed in a dioramic setting. ●





Panzerkampfwagen II
The updated running gear used on this model comes from Tamiya's 2008 kit of the German Panzerkampfwagen II Ausf. A/B/C Sd.Kfz.121 French Campaign (35292)

TECH SPECS...

TAMIYA 1:35 SD.KFZ.131 MARDER II
KIT NO.35060

Materials:

Injection-moulded polystyrene, flexible tracks, waterslide decals

Paints used:

Mr Hobby: Mr Color Modulation Set

Accessories and extras used:

- Tamiya: 35292 1:35 German Panzerkampfwagen II Ausf. A/B/C Sd.Kfz.121 French Campaign (running gear)
- Tamiya: 35358 German Self-Propelled Howitzer leFH18/2 auf GWII Sd.Kfz.124 'Wespe' Italian Front (figures)

Availability:

Tamiya models, paints, materials and accessories are widely available from good model shops and online. UK import and distribution by The Hobby Company Limited; www.hobbyco.net



NEW
SCHEMES

1:48



Avro Anson Mk.I A09191A



AVRO 652A ANSON Mk.I
214 (formerly NK437), Portuguese Government, 1947.



AVRO 652A ANSON Mk.I
N61, 13th Squadron Naval Cooperation, Hellenic Air Force.
Aircraft escaped to Egypt and subsequently served with the 13th
Light Bomber Squadron.



AVRO 652A ANSON Mk.I
NK201, Sydenham Station Flight, Royal Navy, Belfast, Northern
Ireland, September 1955.

When it entered service with No.48 Squadron at RAF Manston in March 1936, the Avro Anson became the first monoplane type to achieve squadron service status and was also the first RAF aircraft to feature a retractable undercarriage. The RAF Anson Mk.I was equipped with a fixed forward firing .303 machine gun operated by the pilot and a single Lewis gun mounted in the manually traversed dorsal turret.

- Choice of early "blistered" or late smooth engine cowlings
- Optional upper gun turret
- Optional nose gun
- Finely represented fabric and plywood textures on fuselage and wings
- Fully detailed interior with structural framework and all crew stations.



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Russell Mardling brings us ICM'S
1:48 Bristol Beaufort Mk.I finished as a
1941 Royal Canadian Air Force machine

TORPEDOES, TOUT DE SUITE!



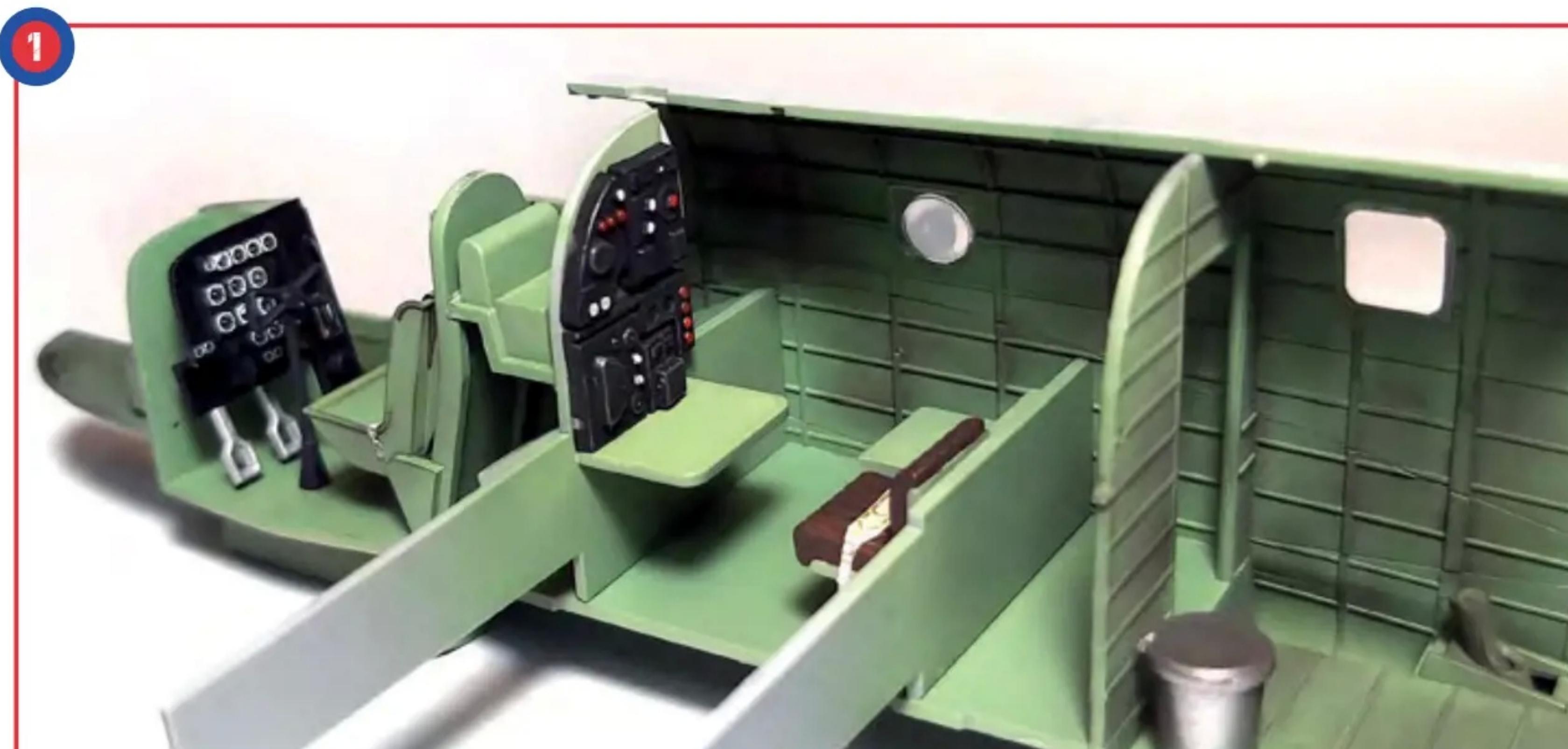
The Bristol company produced quite a few notable aircraft during its lifetime: the Bristol Fighter, Bulldog, Blenheim and the awesome Beaufighter, to name but a few. A lesser-known aircraft from this famous manufacturer was the Bristol Beaufort, designed as a torpedo bomber. First flown in late 1938, Beauforts saw service in the early years of the Second World War with RAF Coastal Command and the Navy's Fleet Air Arm. Although it was designed as a torpedo

bomber, Beauforts were also used as conventional bombers and mine-layers until 1942. When they were removed from active service, they were used as a trainer aircraft until being declared obsolete in 1945. The Beauforts also saw action in the Mediterranean theatre. Australia also produced and operated the aircraft in the South West Pacific Theatre where they were used until the end of the war.

Released in 2022, ICM's Bristol Beaufort's initial release depicted RAF Coastal Command squadrons. This

build is of the same aircraft but with squadron markings from the British dominions such as New Zealand, South Africa and Canada. Upon opening the box, you're greeted with eight sprues of light grey plastic and one in clear. Surface detail is good with no flash at all. The undercarriage, albeit a complicated affair is a very accurate rendition of the real thing. Clear parts are very good with no distortion.

Construction starts with internal detail such as the fuselage floor and the doorway into the rear compartment. ▶



1 The two wing spars double as the navigator's position and seating, the front spar including the forward bulkhead which includes the instrument panel. This was painted using MRP Paints' RAF Interior Green. This paint gives a lovely finish and dries in no time at all. The instrument panel was painted matt black and then drybrushed using silver paint to out the detail. Most of this can't be seen once the fuselage halves are glued together so the detail was kept to a minimum **[PIC 1]**.

The cockpit is quite a simple affair, but with the throttle controls moulded in two halves, strangely. The pilot's instrument panel dials and switches are represented using decals and I used strong decal solution by Ultimate Modelling Products which helped them conform to the instrument panel perfectly. I gave it a coat of matt varnish and finished off giving the individual dials a drop of gloss clear to replicate glass. The bomb aimer's seat and table were then fitted forward of the cockpit and finally the pilot's seat was painted and attached with Eduard seatbelts to add detail. The sidewalls of the cockpit and interior were then painted in the interior grey green and given a light colour-wash to bring out detail **[PIC 2]**.

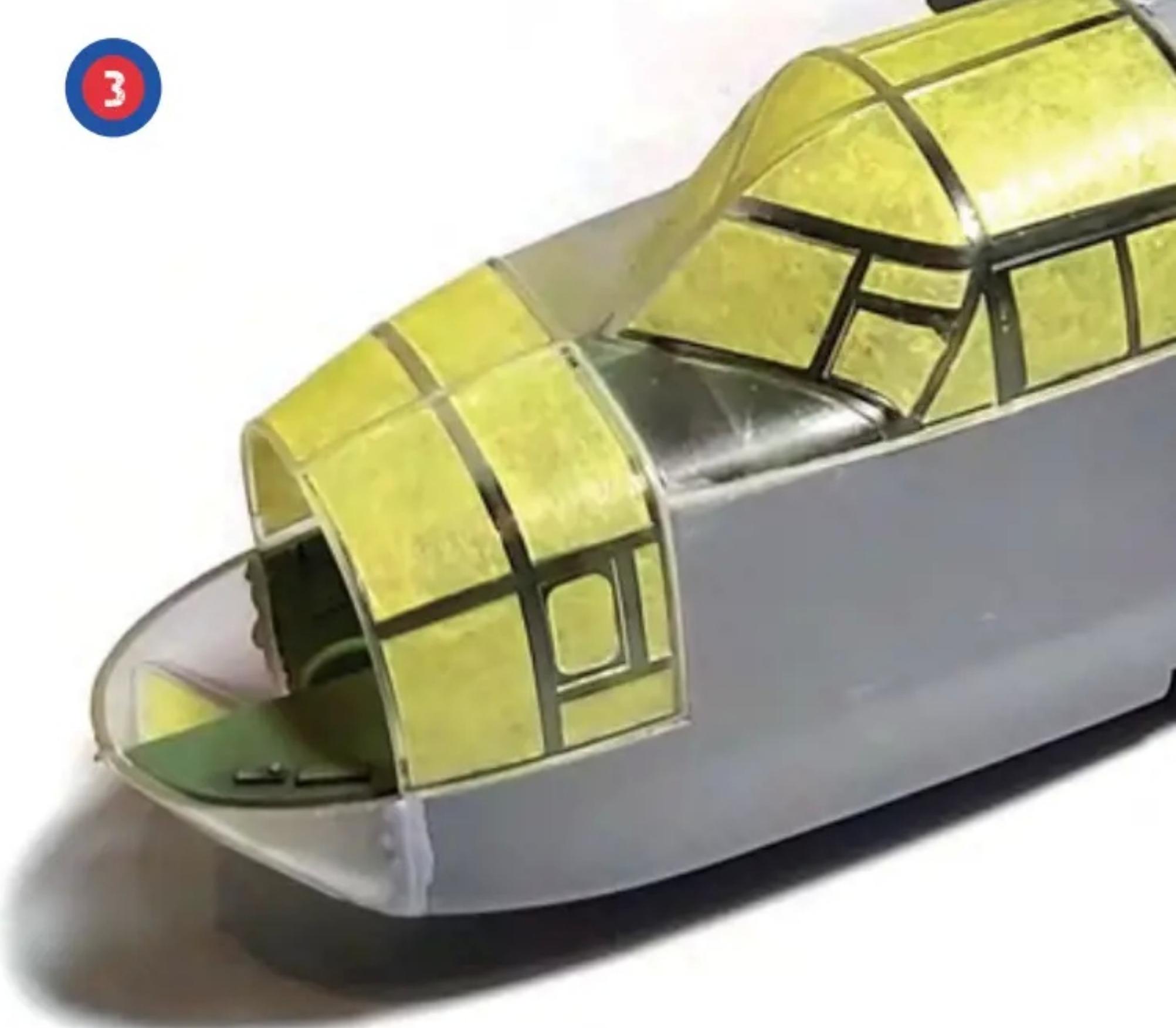
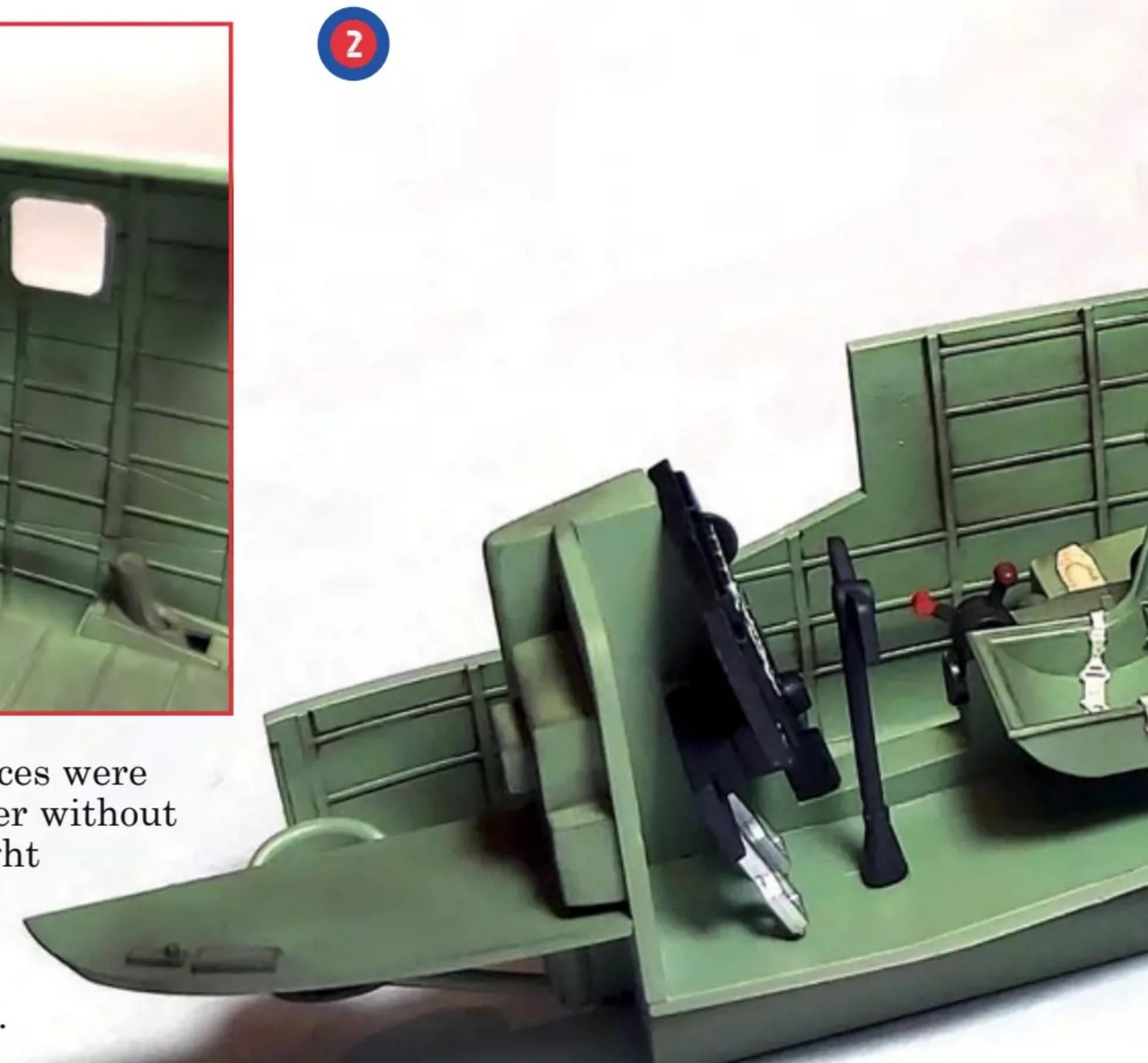
The tail wheel undercarriage bay was also assembled and painted. Once done the fuselage halves were glued together and kept place until dry by Tamiya tape. The fit is good with just a few parts needing some filling and sanding. The colour call-outs at the various stages of construction are quite vague; some parts have a colour call out, some parts don't. So, with that in mind you will need to check your references.

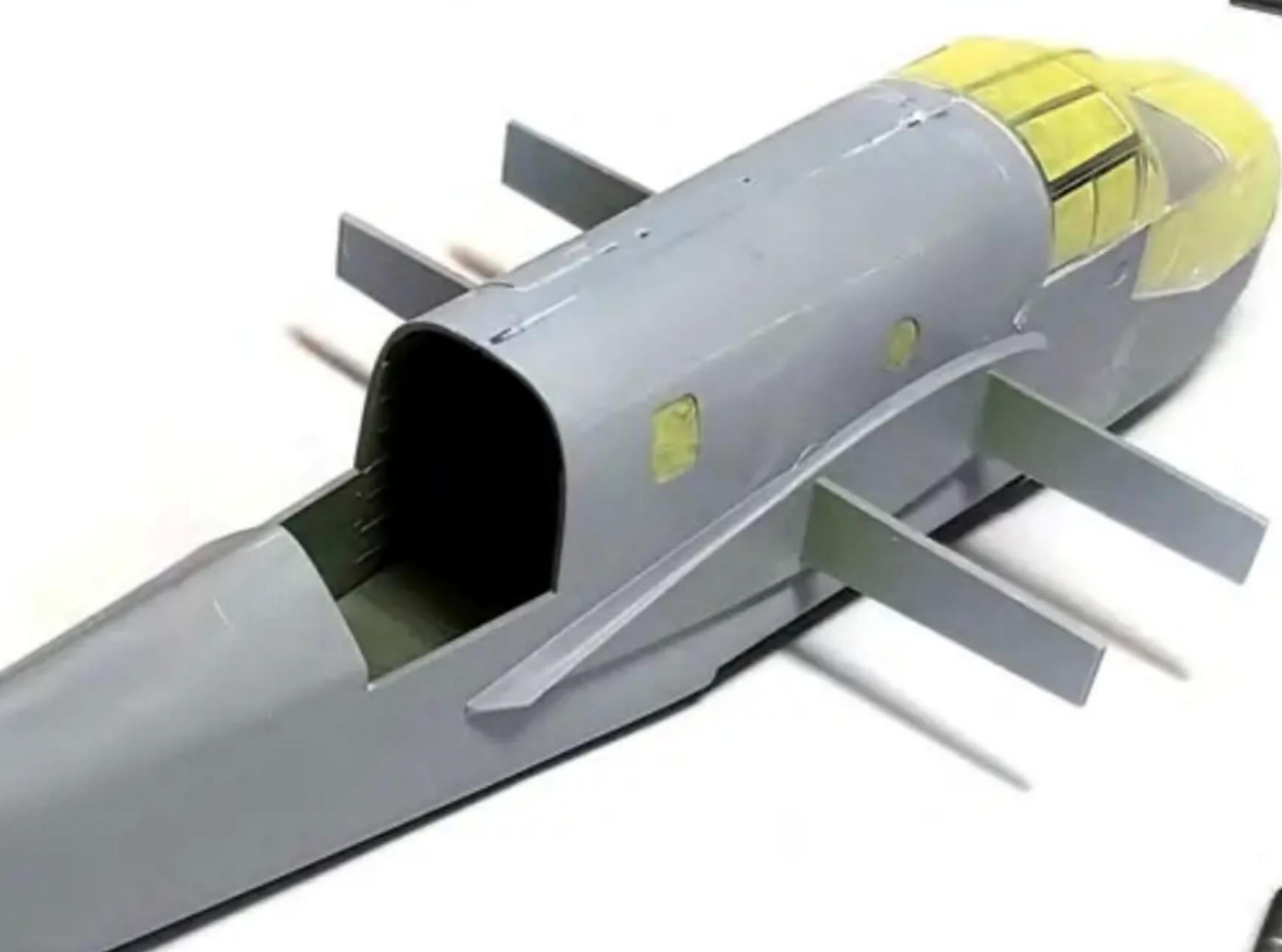
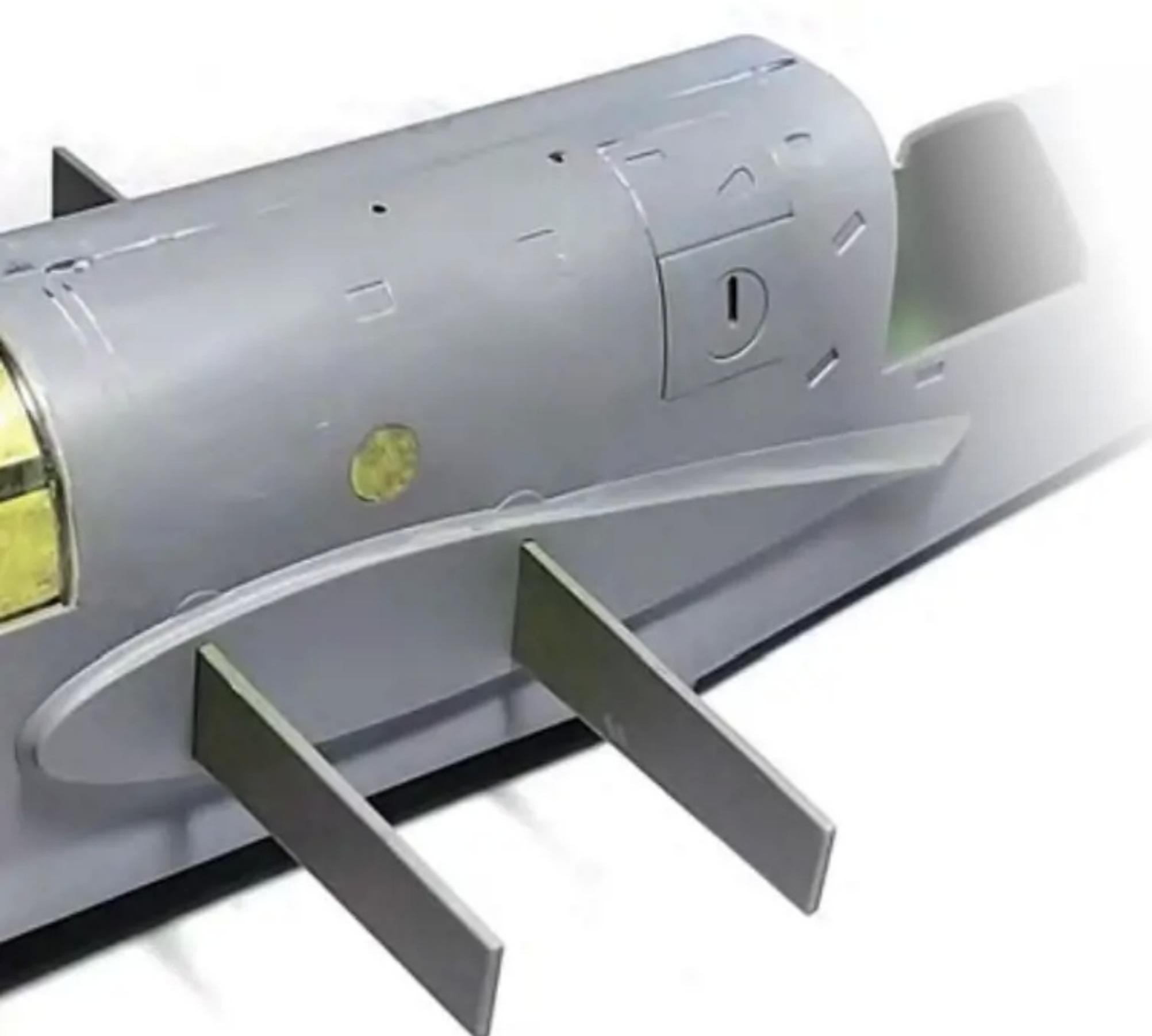
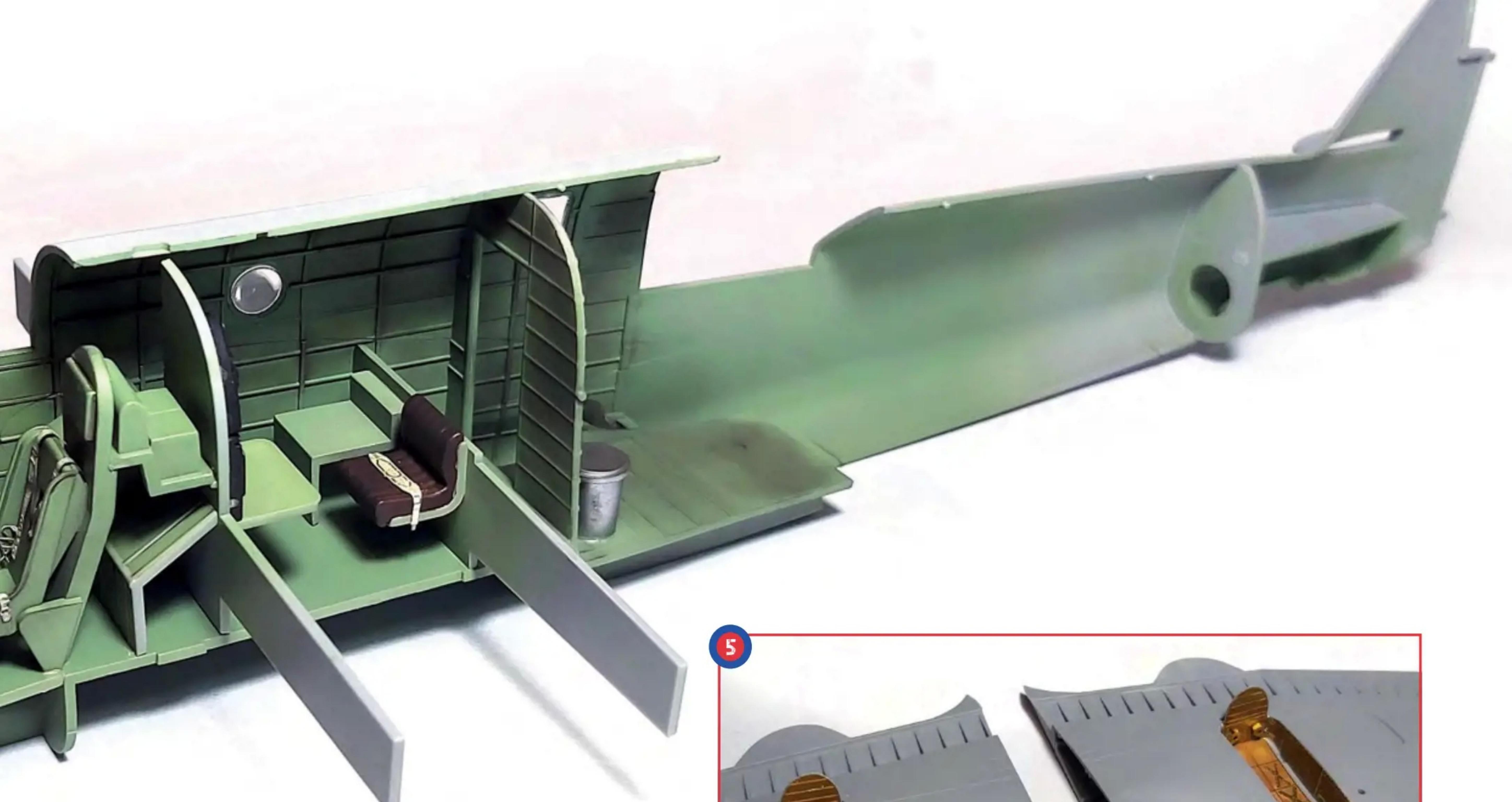
The next step was to fit the clear parts and even though these parts are well moulded, the forward upper glazing doesn't fit quite as well as the main cockpit one; I filled the slight step created using perfect plastic putty. I left off the very front upper glazing until all of the painting had been done later in the build, just in case any dust or foreign bodies found their way inside the cockpit. An Eduard mask set was then used in readiness for painting later **[PIC 3]**.

2 The wings and tail surfaces were next and they went together without any issues. The landing-light insert on the leading edge was attached and painted before the glazing was glued in place and masked. The wingtips are made from clear plastic and care must be taken when masking them as there is a front and rear light. I felt it was a slightly odd decision to mould the tips like this, as opposed to a solid wingtip with individual lights. The main wings were then attached to the fuselage, the wing spars helping to create a perfect fit. Once again, tape was used whilst the joints were drying. Finally, the rudder was glued into position and the fit here is a little tenuous, so care is needed to make sure the rudder is in line **[PIC 4]**.

3 The undercarriage nacelle halves were then glued together and painted their interior colour. At this point, extra detail was added to an otherwise blank area at the top of the interior of the undercarriage bay using etched brass **[PIC 5]** and painted in the same colour. The undercarriage, as I said earlier, is quite a complicated affair, but as long as you follow the instructions carefully, they go together without too much trouble, once they had been built, I primed them using Tamiya LP-1 Black (gloss) followed by a coat of Alclad 2 Steel which gives a convincing metallic finish without looking too bright. Once dry, a dark brown colour-wash was applied to bring out the detail **[PIC 6]**. The wheels were then assembled and painted using the same Alclad 2 Steel for the inner wheels and the tyres were painted using Tamiya Rubber Black **[PIC 7]**.

4 The engines were next and this, in my opinion, was the most time-consuming part of the build. The two banks of engine cylinders were first glued together and painted in gun metal. Then came the time-consuming element, as you have to glue fourteen oil pipes that connect to each cylinder, but what doesn't help is that the instructions are vague as to the exact position of each pipe. The ring at the front of the engine does make positioning of these pipes trickier as it gets in the way. ▶





7

❶ Ideally don't attach this ring until you are finished attaching the pipes. The pipes were then painted using Vallejo Air Silver. The propellers were then painted and put aside until the end of the build. The engine exhaust flaps were then attached to the front of the nacelle, again there was no positive location point, so you must be careful to position them, so they line up with the air scoops on the top of the nacelles. At this point the engines can be attached to the nacelles.

The instructions tell you to glue the cowling halves onto the engine as this point, but you can assemble these off the model and slip them over the engines once done. These required some careful filling and sanding so to avoid any loss of detail. Their interior was then painted aluminium **(PIC 8)**.

The dorsal turret was then assembled and painted; it is nicely detailed but unfortunately most of it is hidden **(PIC 9)**. The turret sits in a segment of the aircraft's upper fuselage, but the fit is not good, with a noticeable step between it and the rest of the fuselage. This had to be filled and sanded to create a seamless joint. The turret can then be glued into place at the end of the build.

Now the model was ready for painting, with the canopy and fuselage windows already masked, other voids were either filled with foam or Blu Tack. The bomb bay for this model can be either posed closed or fitted with a torpedo. I was going to use the torpedo for this build, so I used the closed bomb bay doors to mask the actual bay, which was pre-painted earlier on in the build.

For this build, I used Alclad 2 Grey Primer and Micro Filler which forms a great base for the later coats of paint. My aircraft depicted a Beaufort flown by the Royal Canadian Air Force in 1941 and the first coat was Dark Slate grey, followed by Extra Dark Sea Grey. I used Hataka Orange Line lacquer paints for this build which spray beautifully and create a lovely flat finish. I then sprayed a lighter version of each colour in the middle of the panels to create more depth. Finally, a heavily diluted coat of black paint was sprayed along panel lines to give the surfaces even more contrast. The undersides were then painted black, and again, the panel centres were given a slighter lighter shade for depth **(PIC 10)**.

After a coat of MRP gloss varnish was sprayed onto the model, it was time to apply the decals which were well printed with a very glossy finish. After having found that the decals were very thin after building previous kits from ICM, I was pleasantly surprised to find this particular set was much more resilient when being moved into position. I used Ultimate Modelling Products 'Strong' decal softener which helped them to conform to surface shapes and panel lines perfectly. After another coat of gloss varnish, I used Tamiya Panel Line Accent Color enamel

wash to highlight panel lines and other surface details. A final coat of flat varnish completed the painting process.

THE WEAPON

The torpedo can be purchased as a separate kit, depicting one 'live' and one training weapon. It goes together quickly and was then painted in oily steel with the warhead painted in black with the screws in brass. As this is a stand-alone kit there are no locating holes, so, you must carefully line up the torpedo with the locating pins which I covered with a couple of spots of PVA glue and then touch the torpedo, so you have a visible mark to drill the holes. I then attached it to the bomb bay. You can also build the trolley that carries the torpedo that lifts it into position.

CONCLUSION

This was an enjoyable build with no vices and it builds up into a very good, well-fitting kit. Sure there are a couple of fit issues but someone with a little modelling experience would have no problem getting over them. ●

❹



TECH SPEC...

ICM 1:48 BRISTOL BEAUFORT MK.I WWII BRITISH DOMINIONS AIR FORCE KIT NO.48312

Materials:

Injection-moulded polystyrene, waterslide decals

Paints used:

Hataka Orange Line: Dark Slate Grey, Extra Dark Sea Grey

Accessories used:

Eduard: Beaufort Mk.I undercarriage (481096)

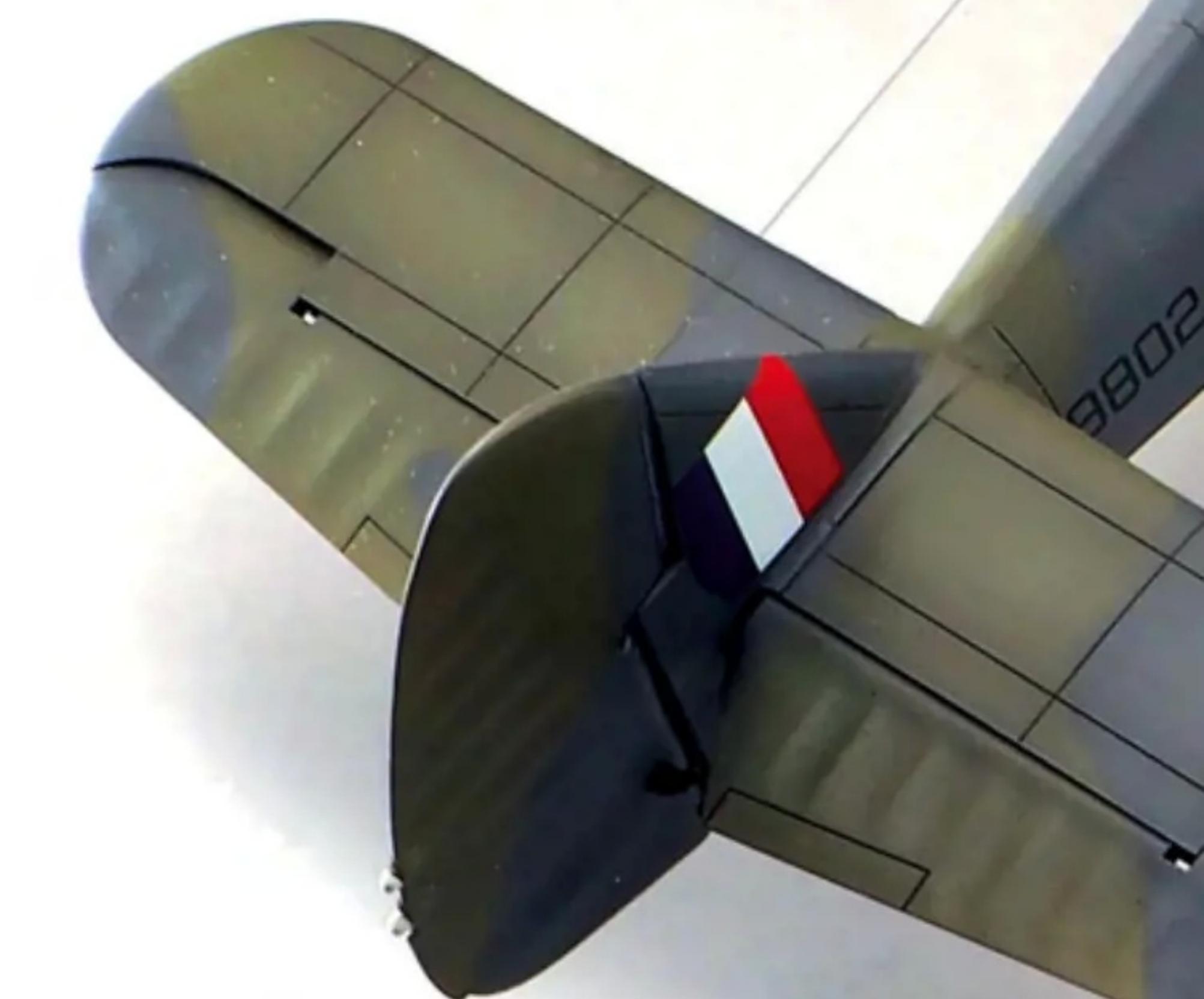
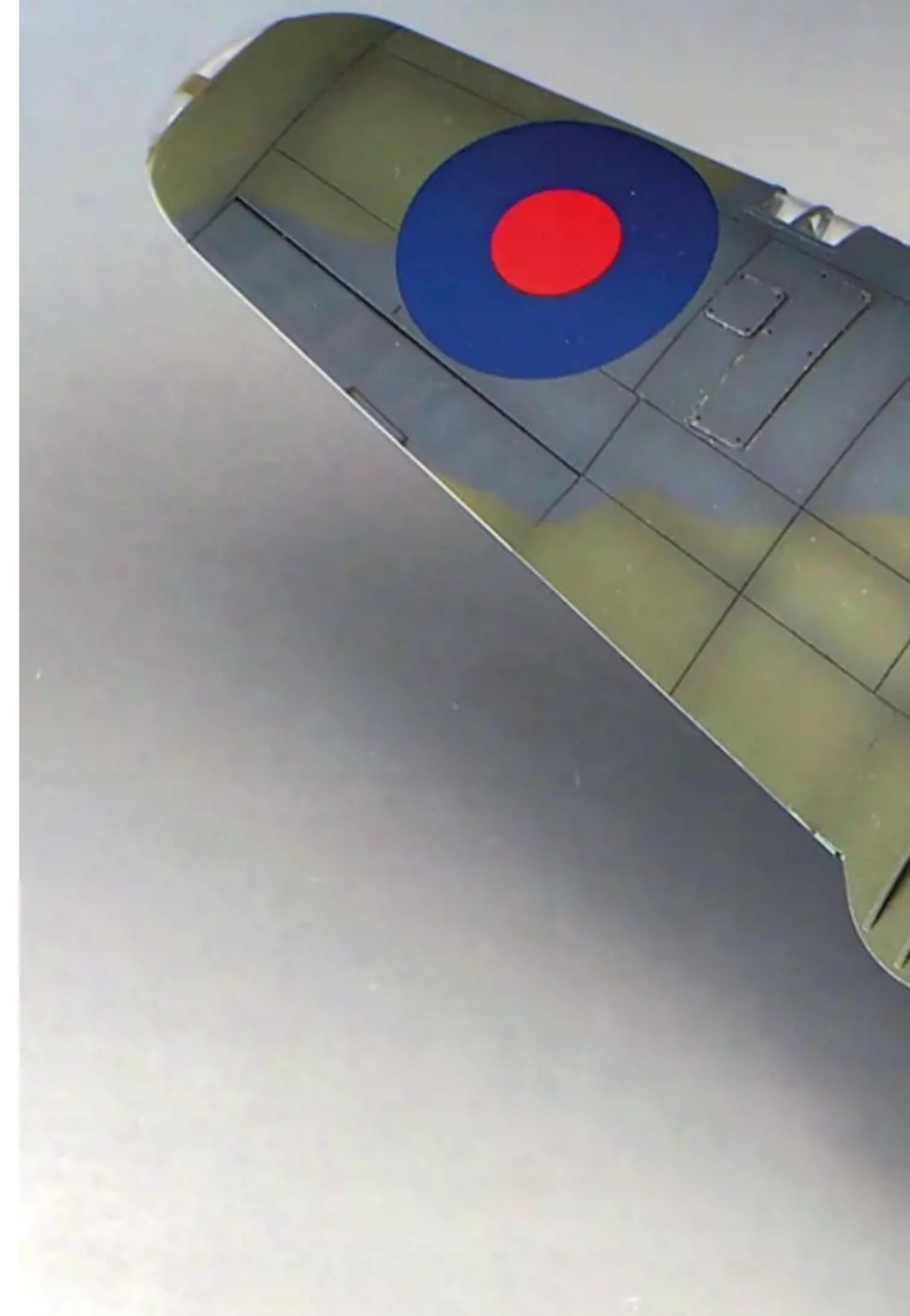
Availability:

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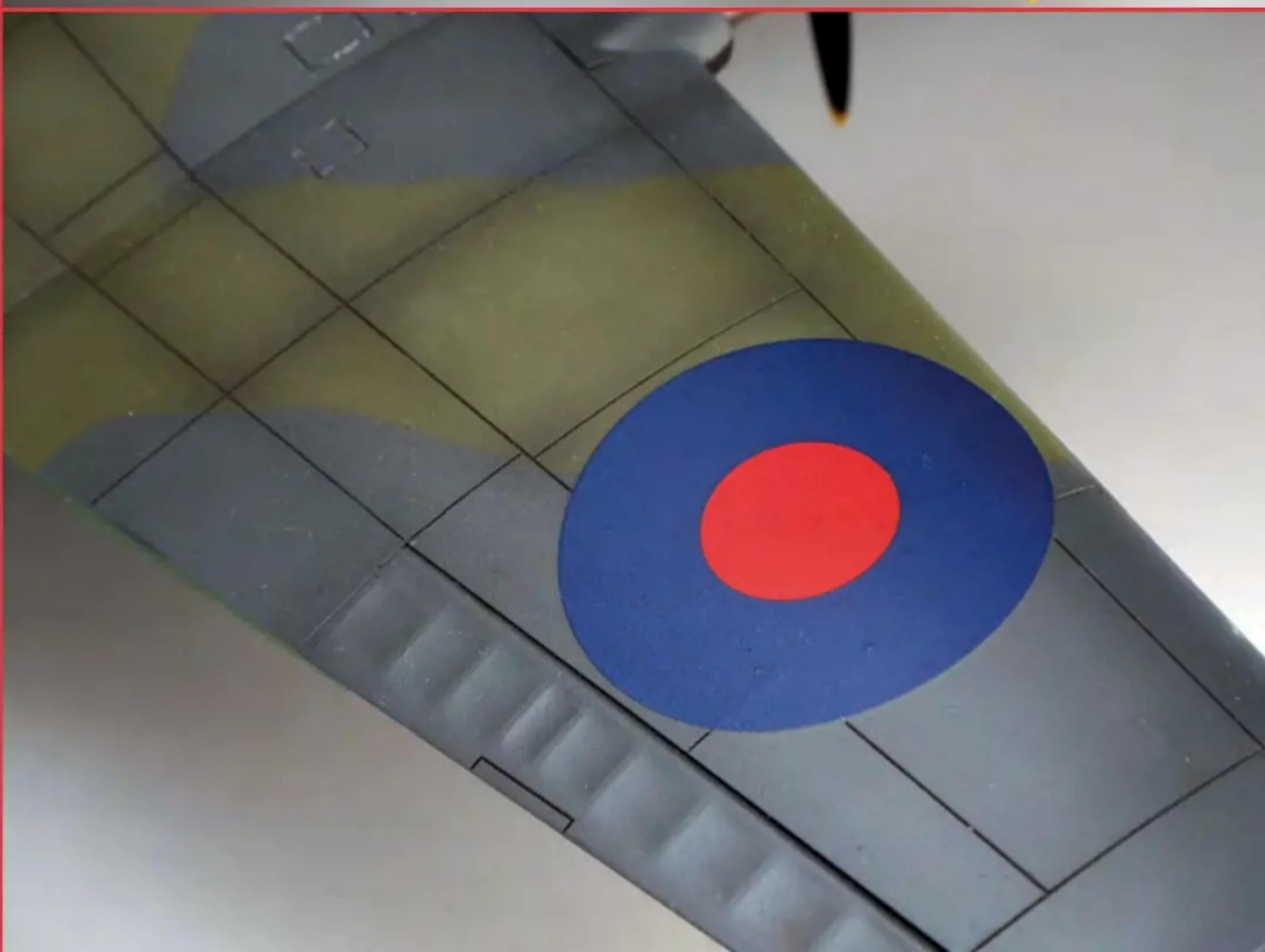
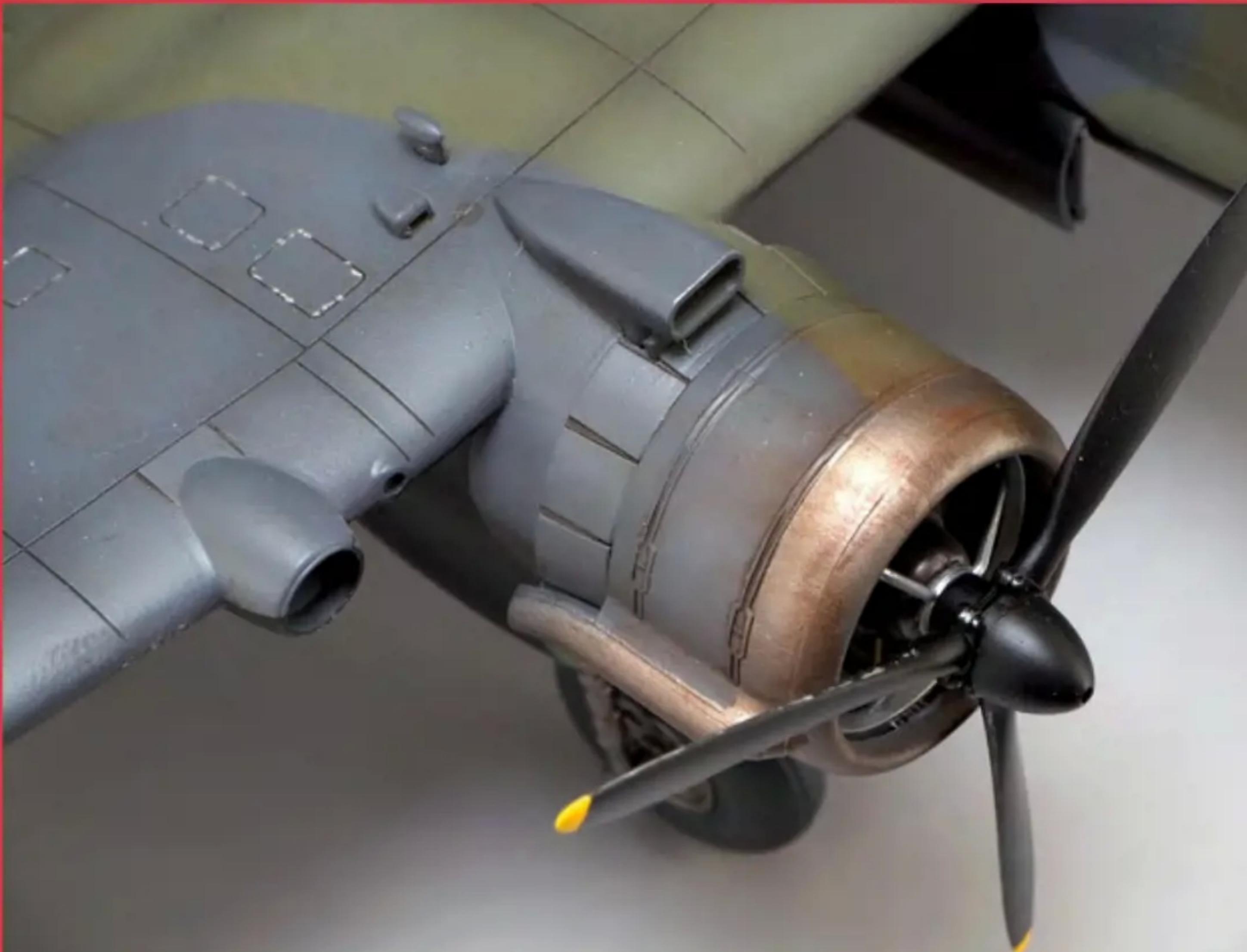
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NEW Releases

A SELECTION OF THE LATEST FULL KITS IN PLASTIC, RESIN, METAL AND MORE!

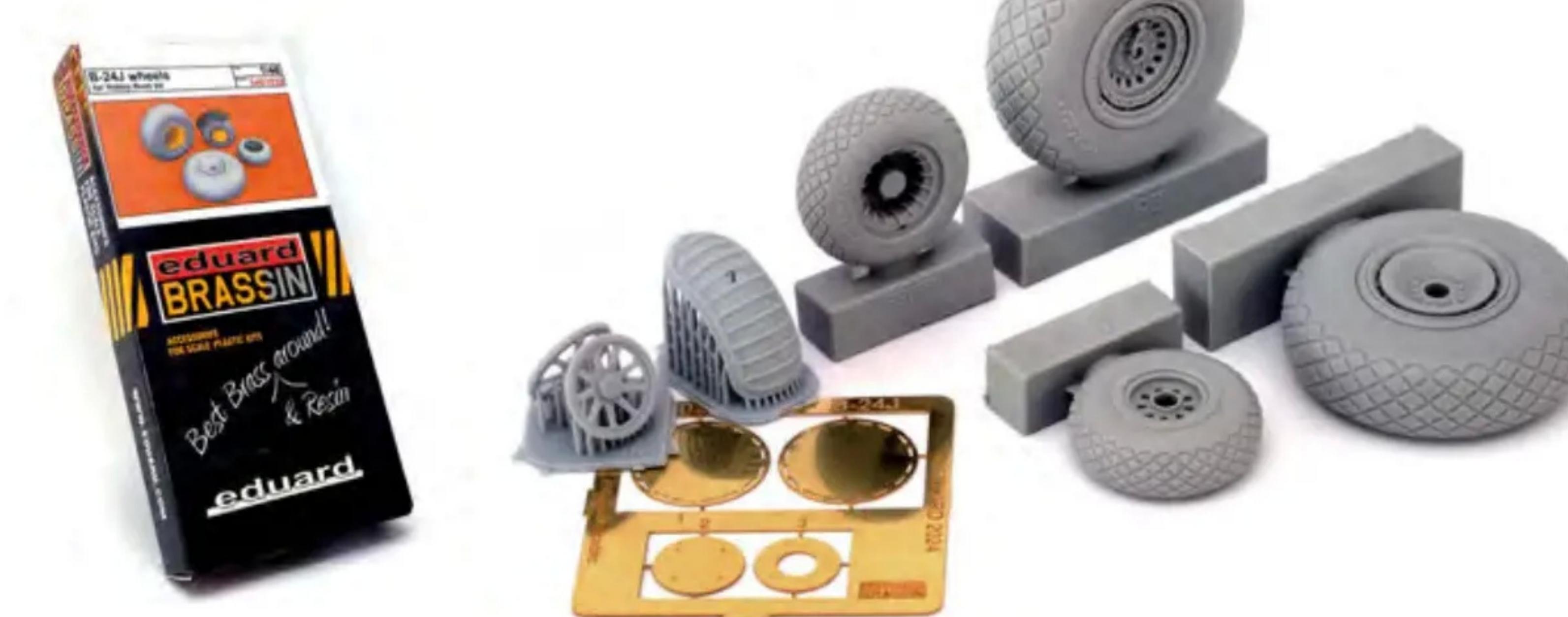
EDUARD

www.eduard.com www.creativemodels.co.uk
Eduard have released several sets for Airfix's new-tool 1:72 B-24H Liberator which will allow the modeller to add a little extra sharpness to the model's interior, cockpit, undercarriage bays, bomb bay and engine faces. Hobbyboss's 1:48 Liberator – this time a B-24J – gets a set of superb new wheels and engine turbo-superchargers; let's hope Airfix's 'H gets the same things in 1:72! Top quality accessories as always.



1:48 Brassin sets

- B-24J wheels (6481028) for Hobbyboss
- B-24J superchargers (6481030) for Hobbyboss

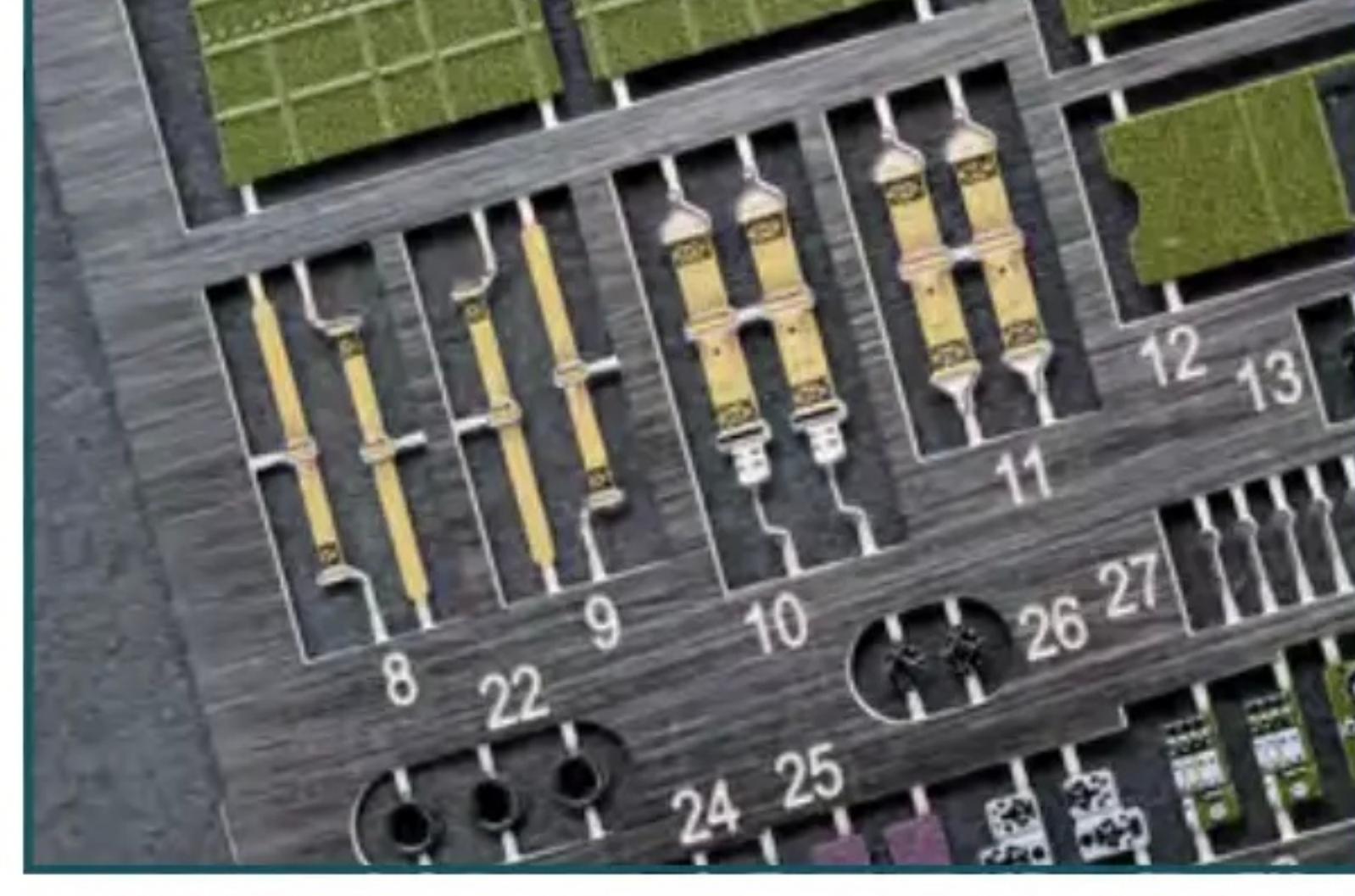
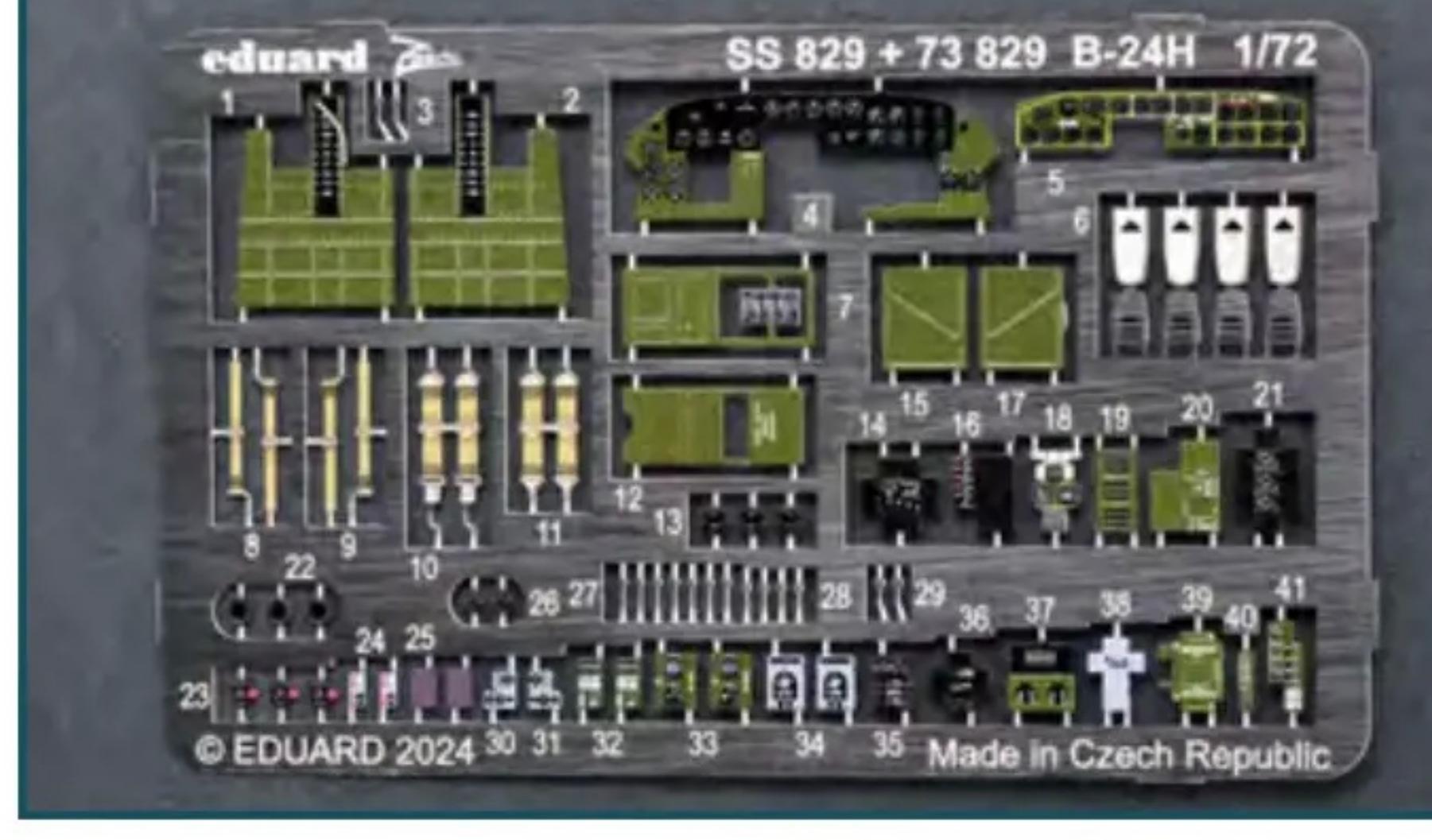
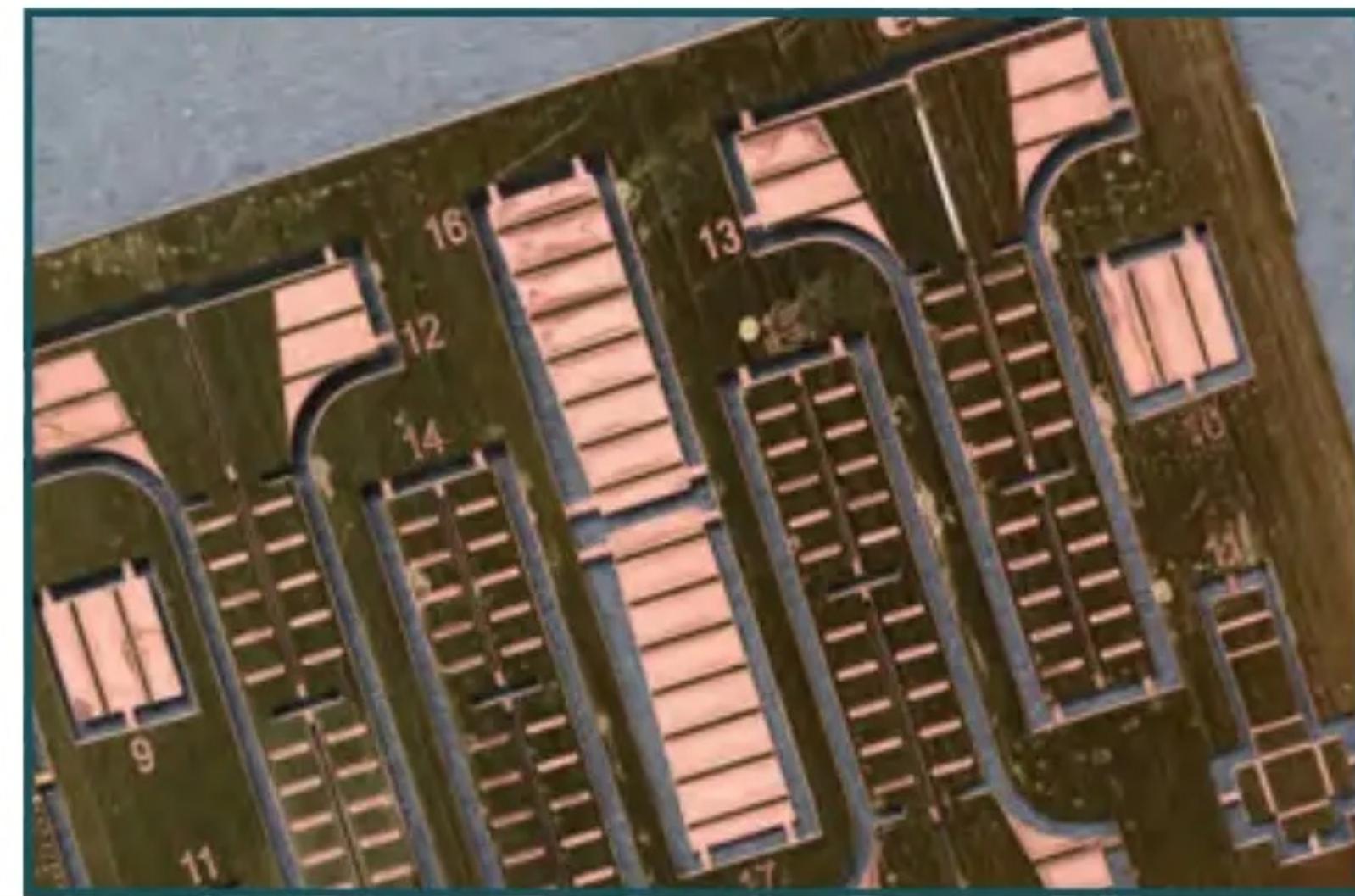
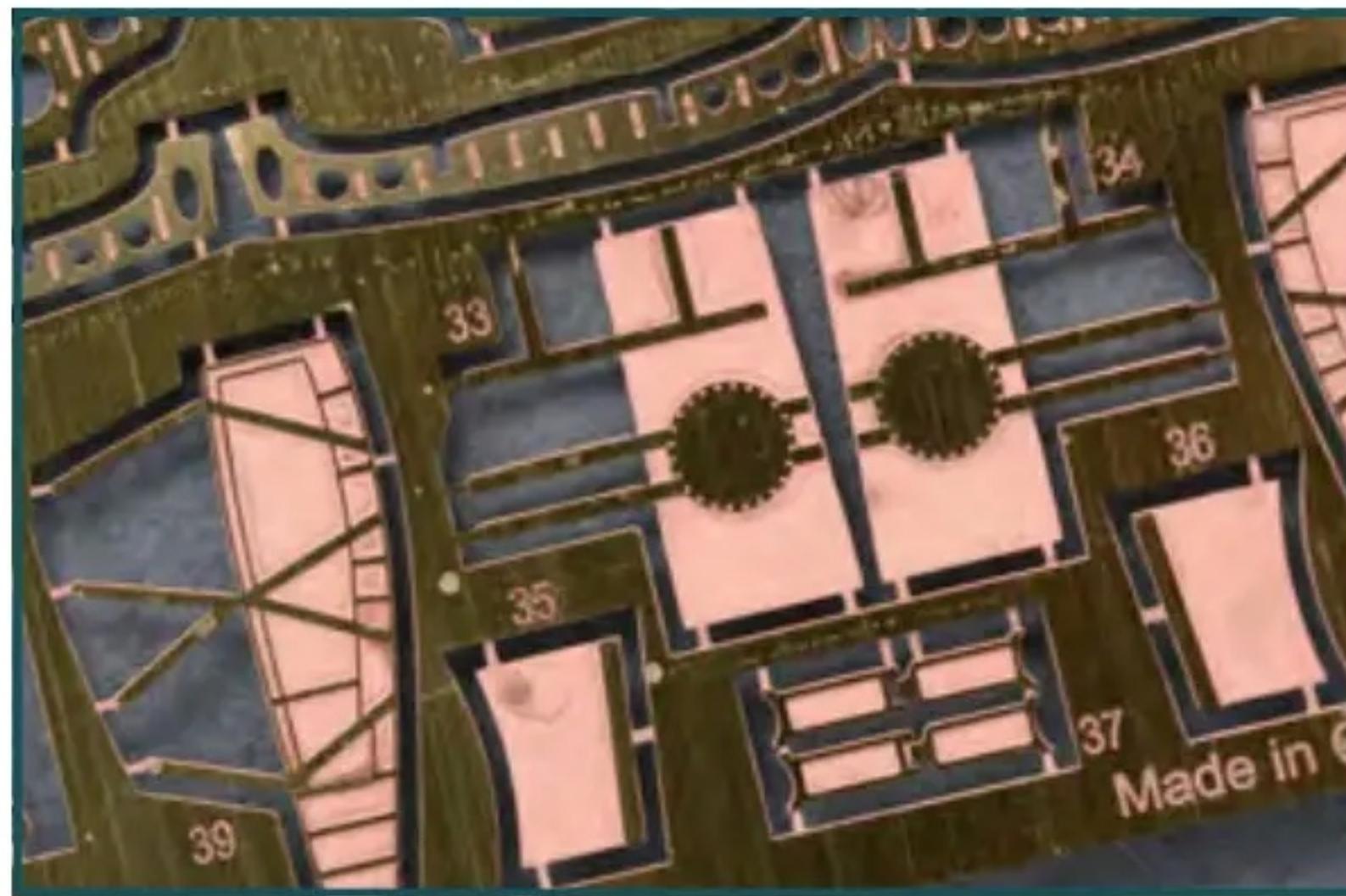
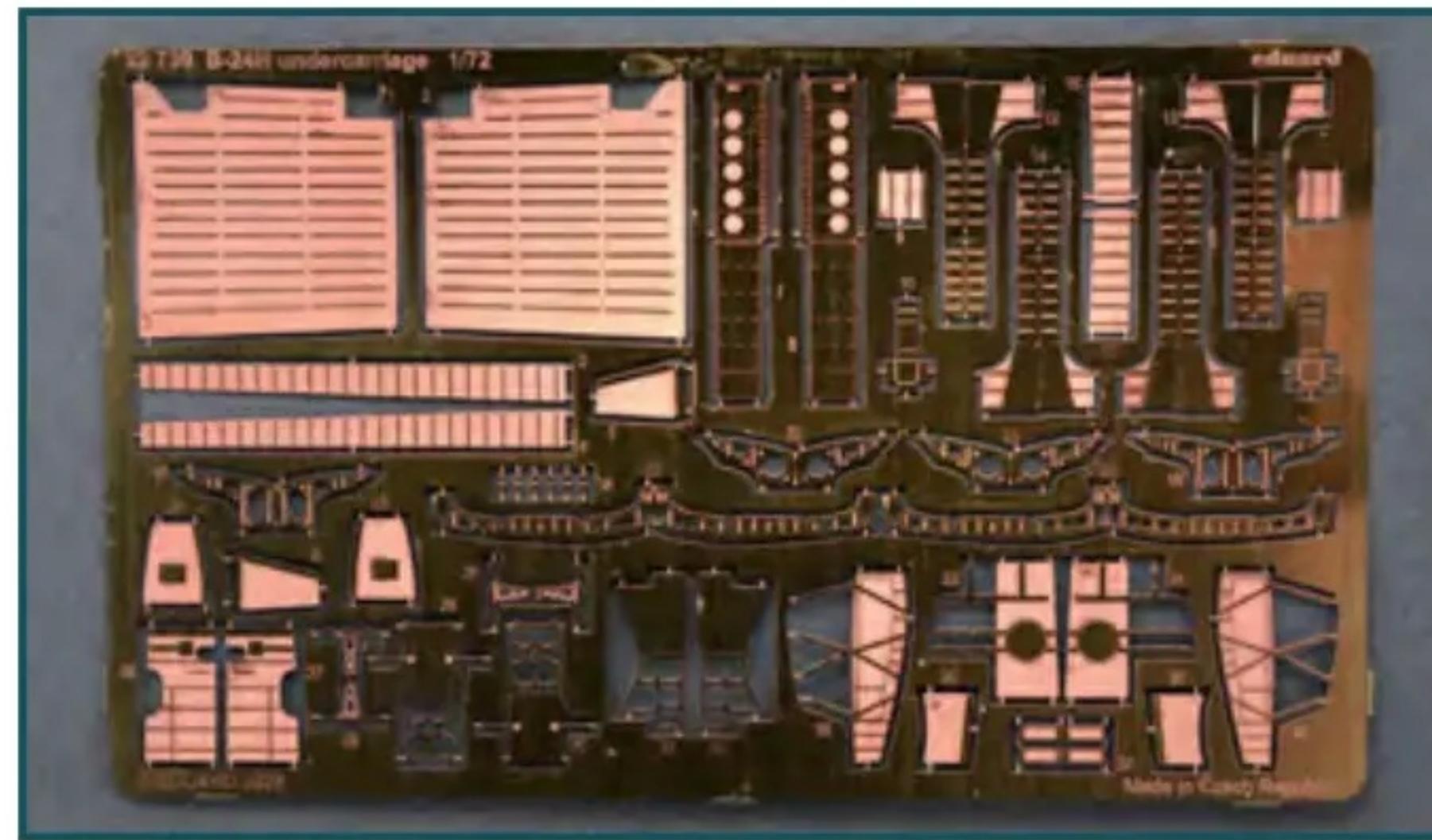
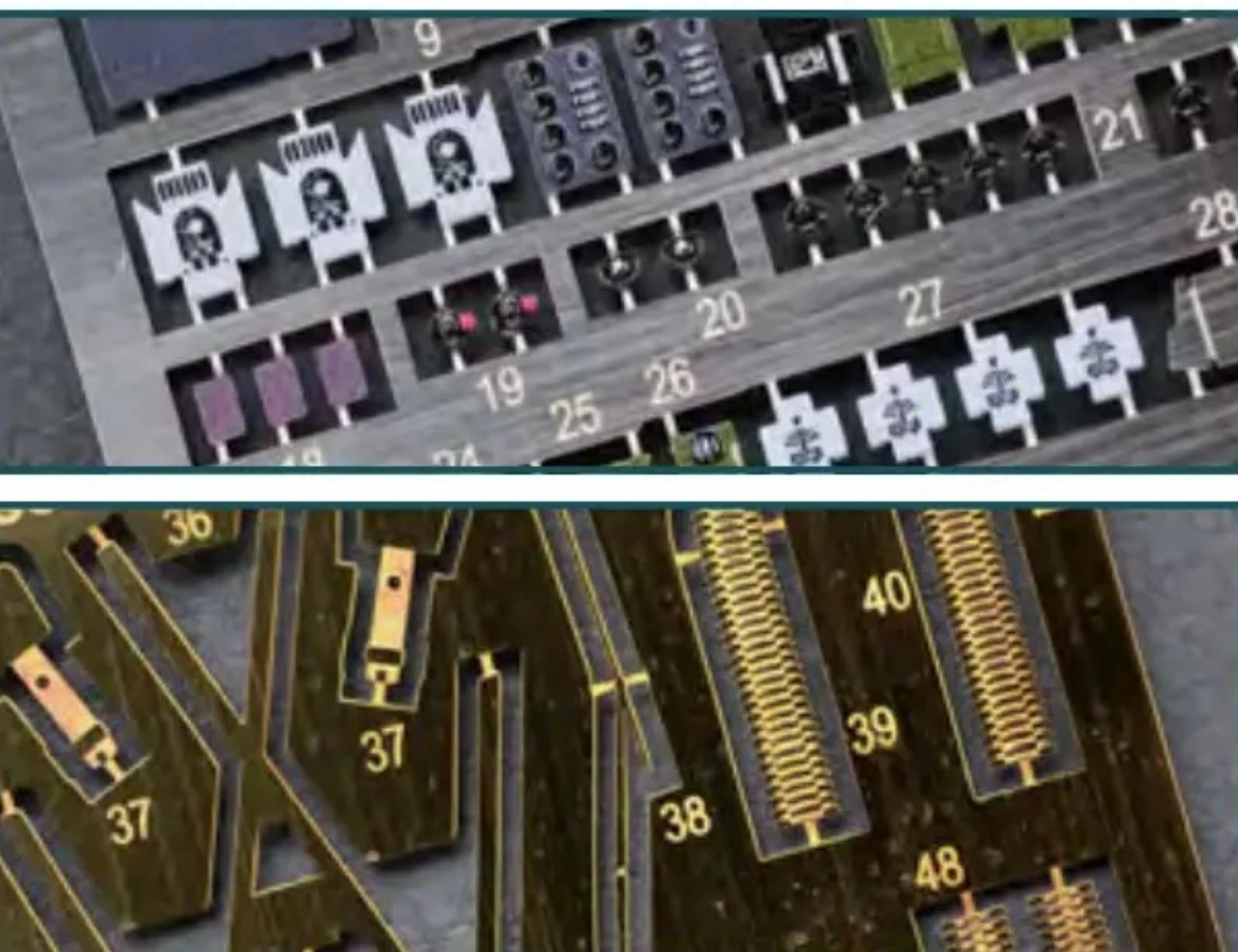
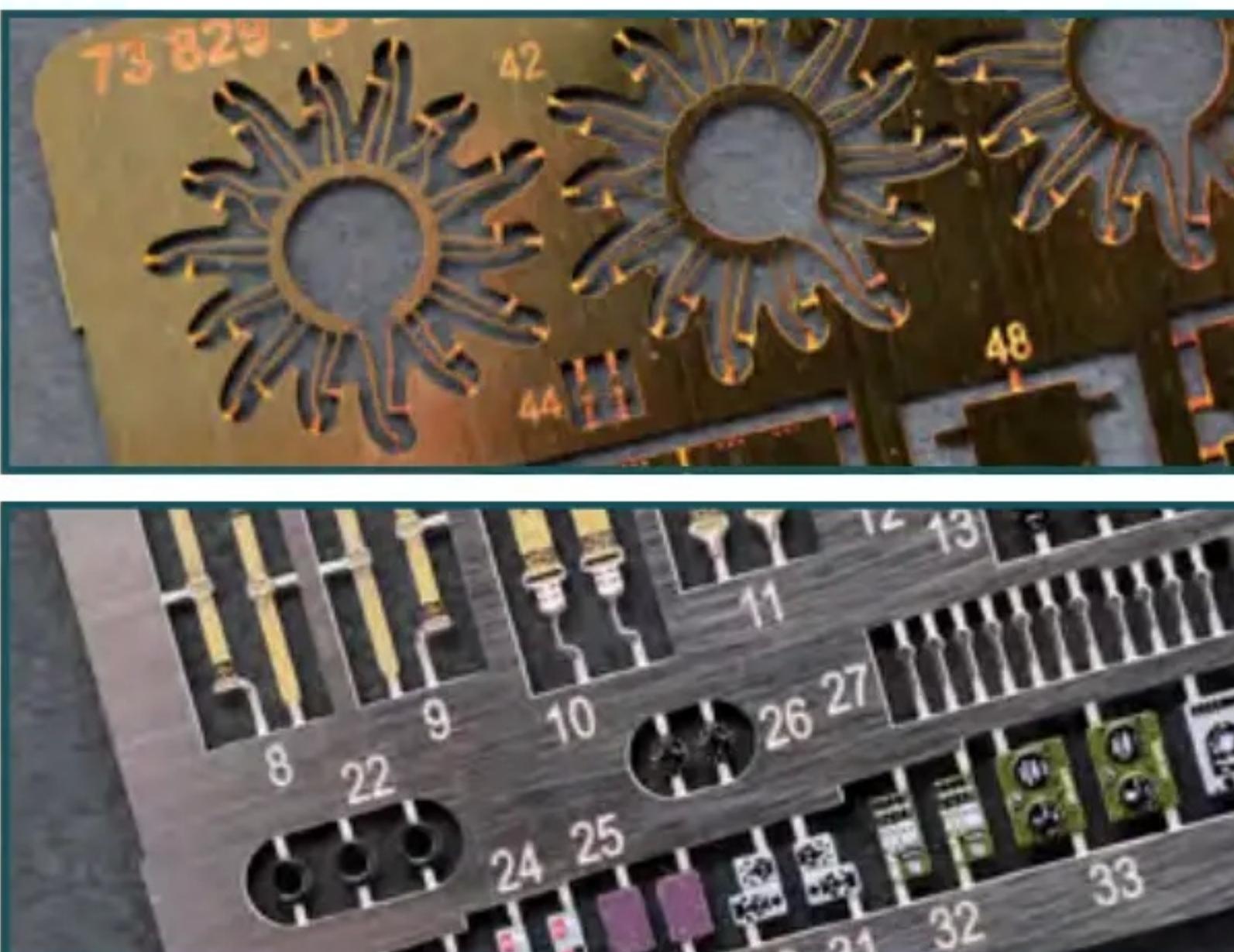
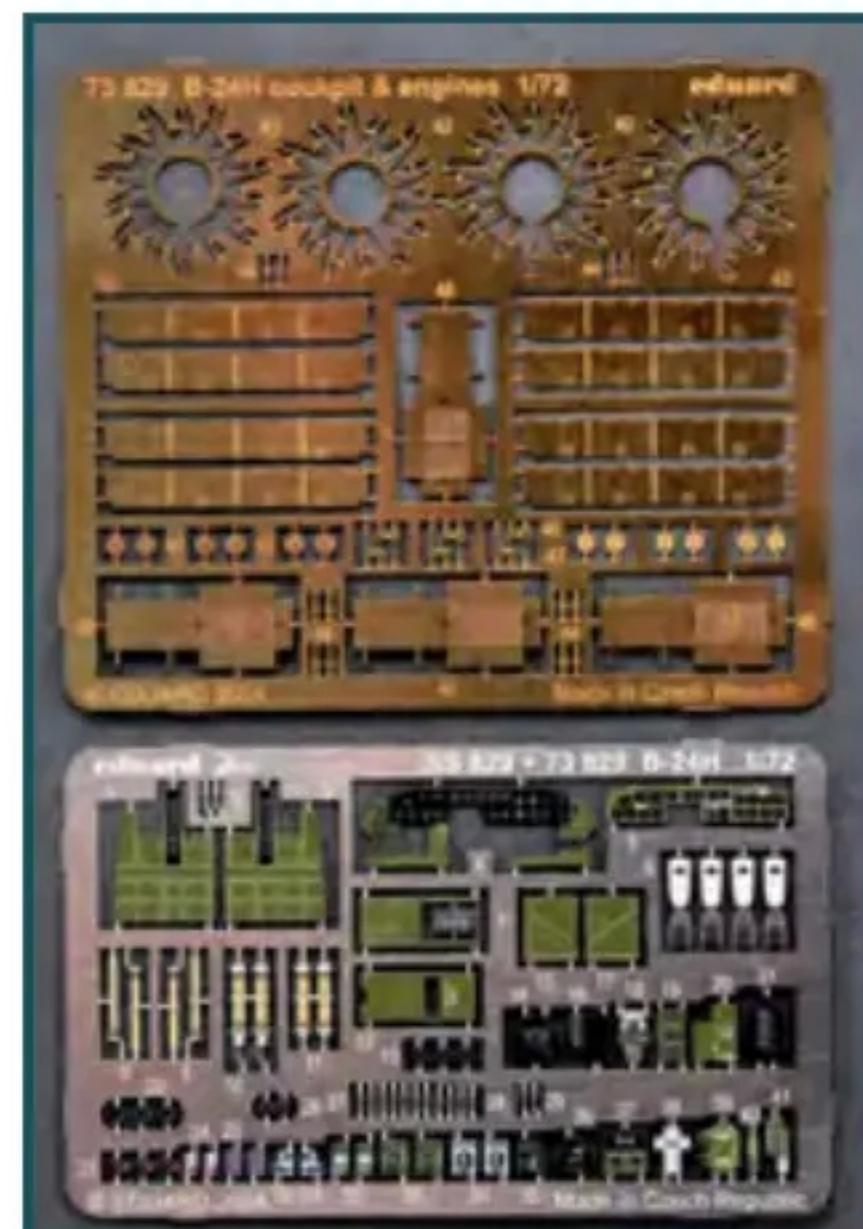
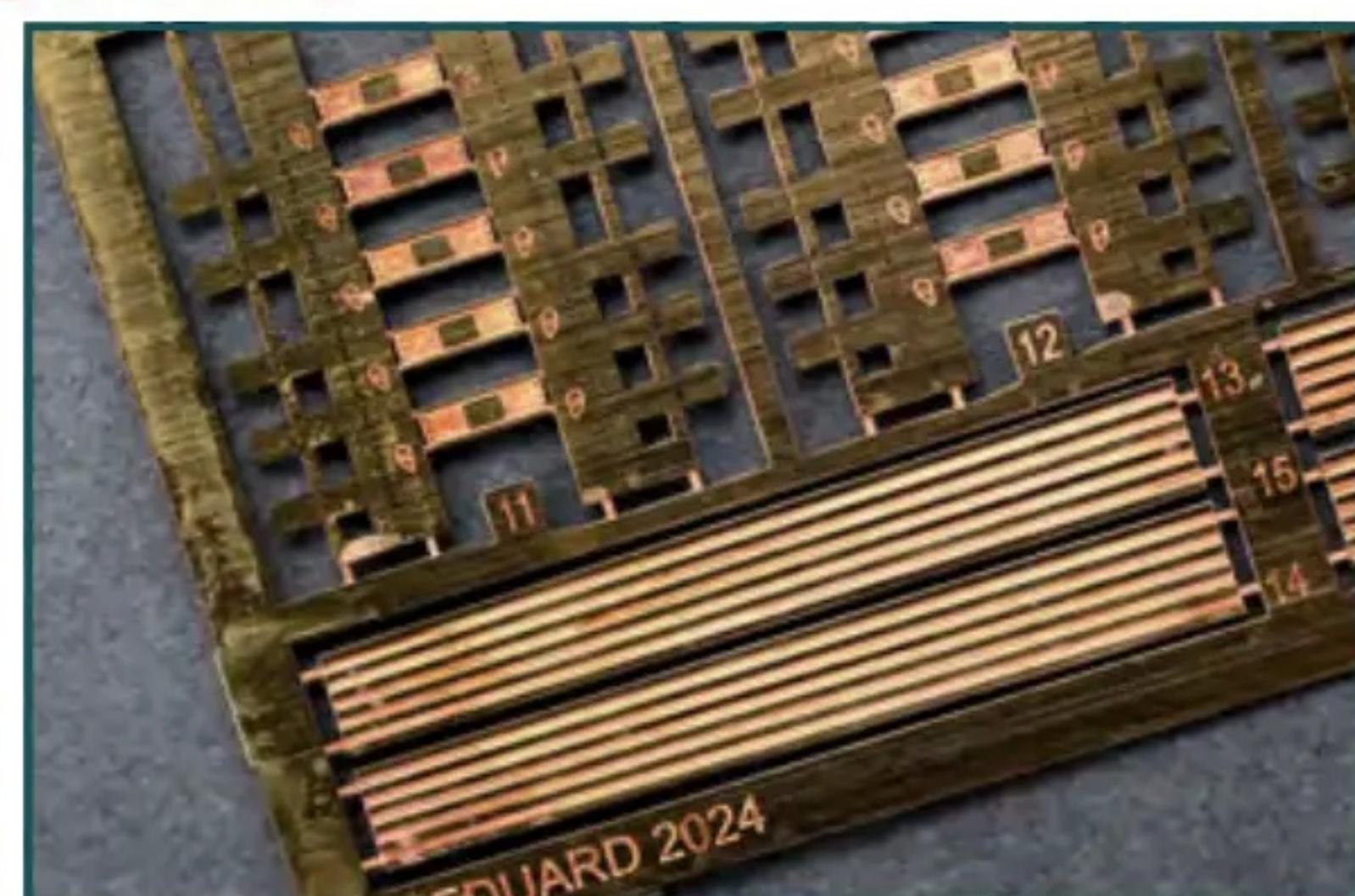
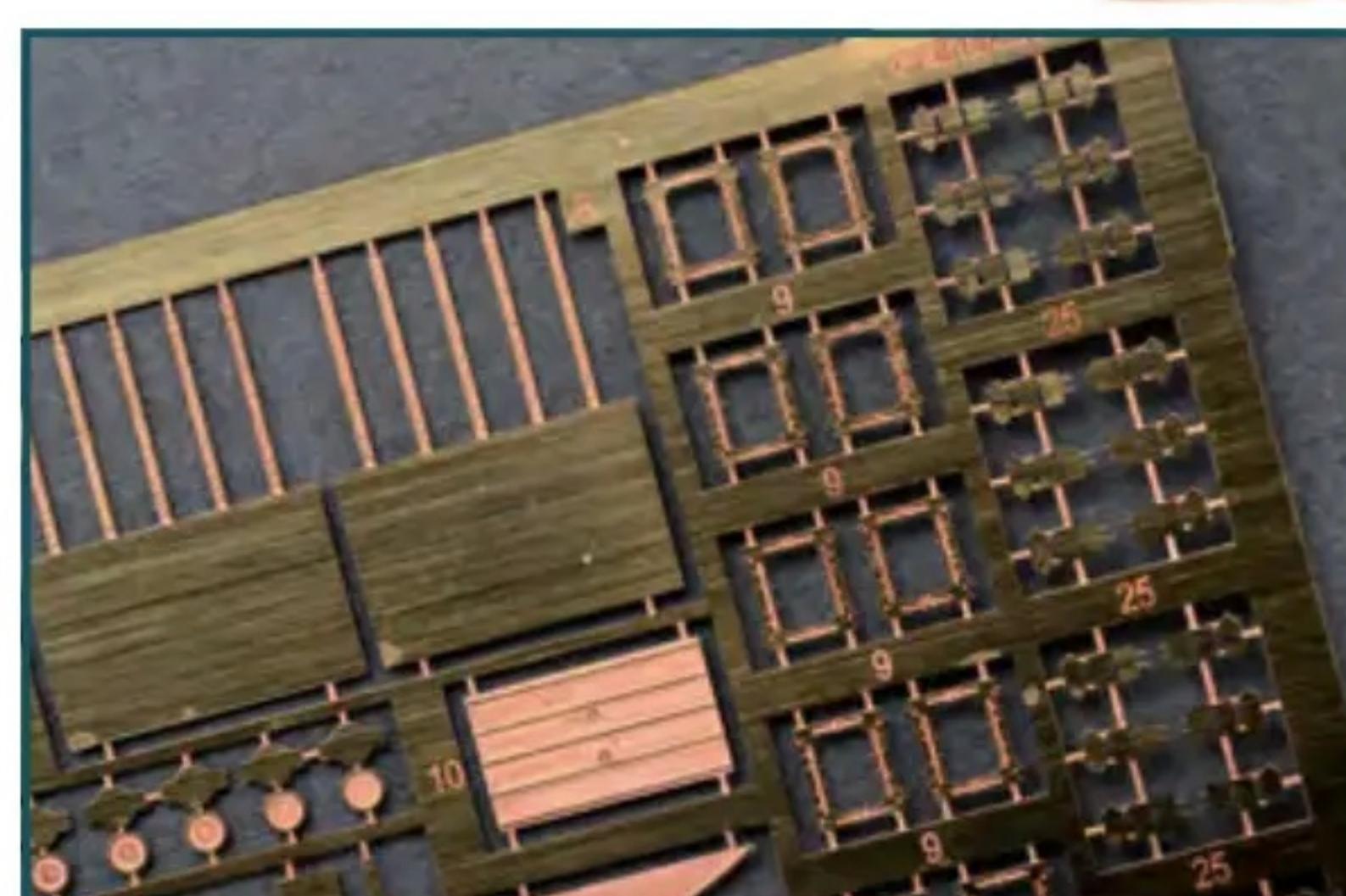
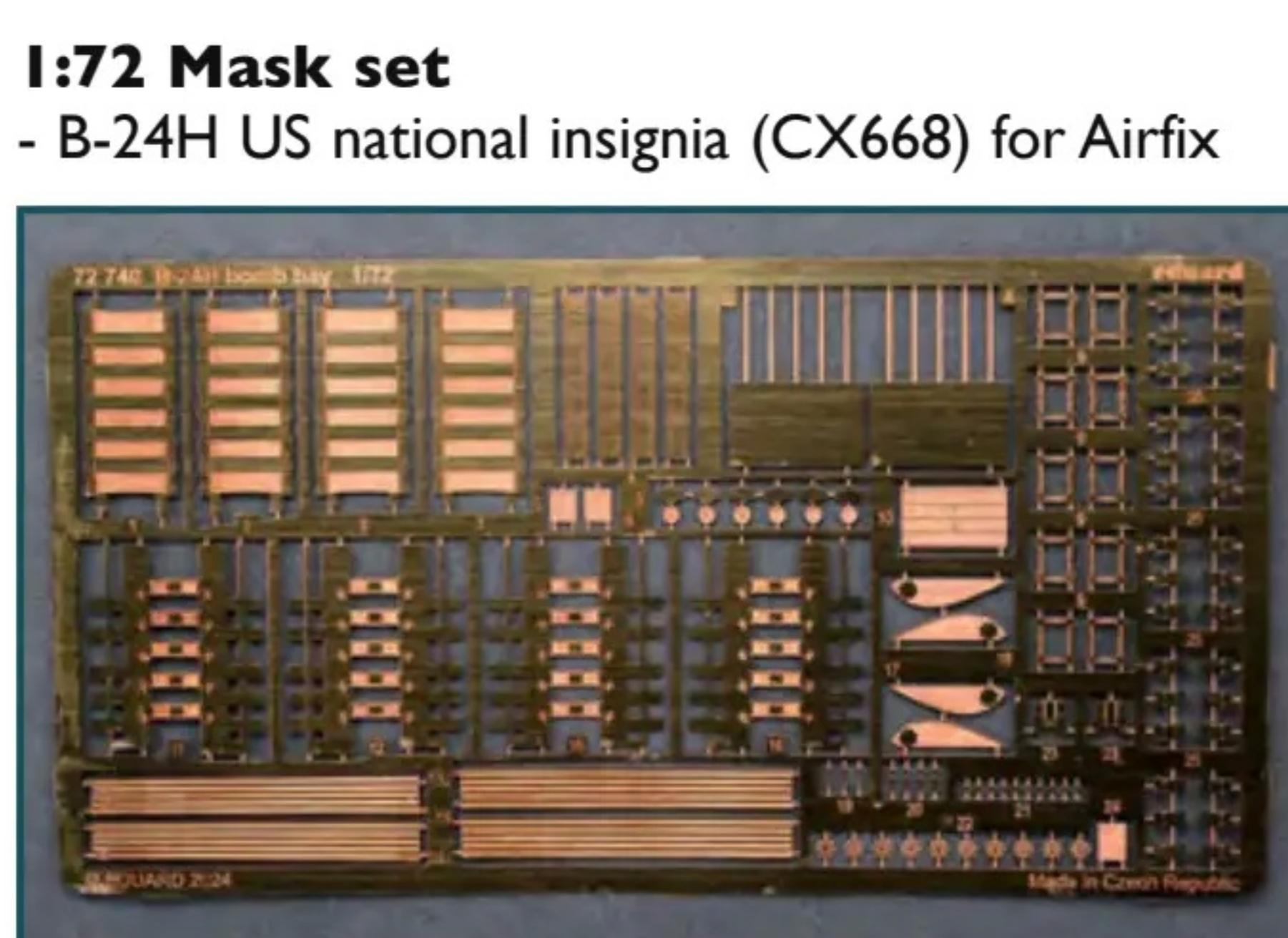


1:72 photo-etched sets

- B-24H cockpit & engines (73829) for Airfix
- B-24H nose & radio (73830) for Airfix
- B-24H undercarriage (72739) for Airfix
- B-24H bomb bay (72740) for Airfix

1:72 Zoom set

- B-24H (SS829) for Airfix





DEF MODEL

www.defmodel.com

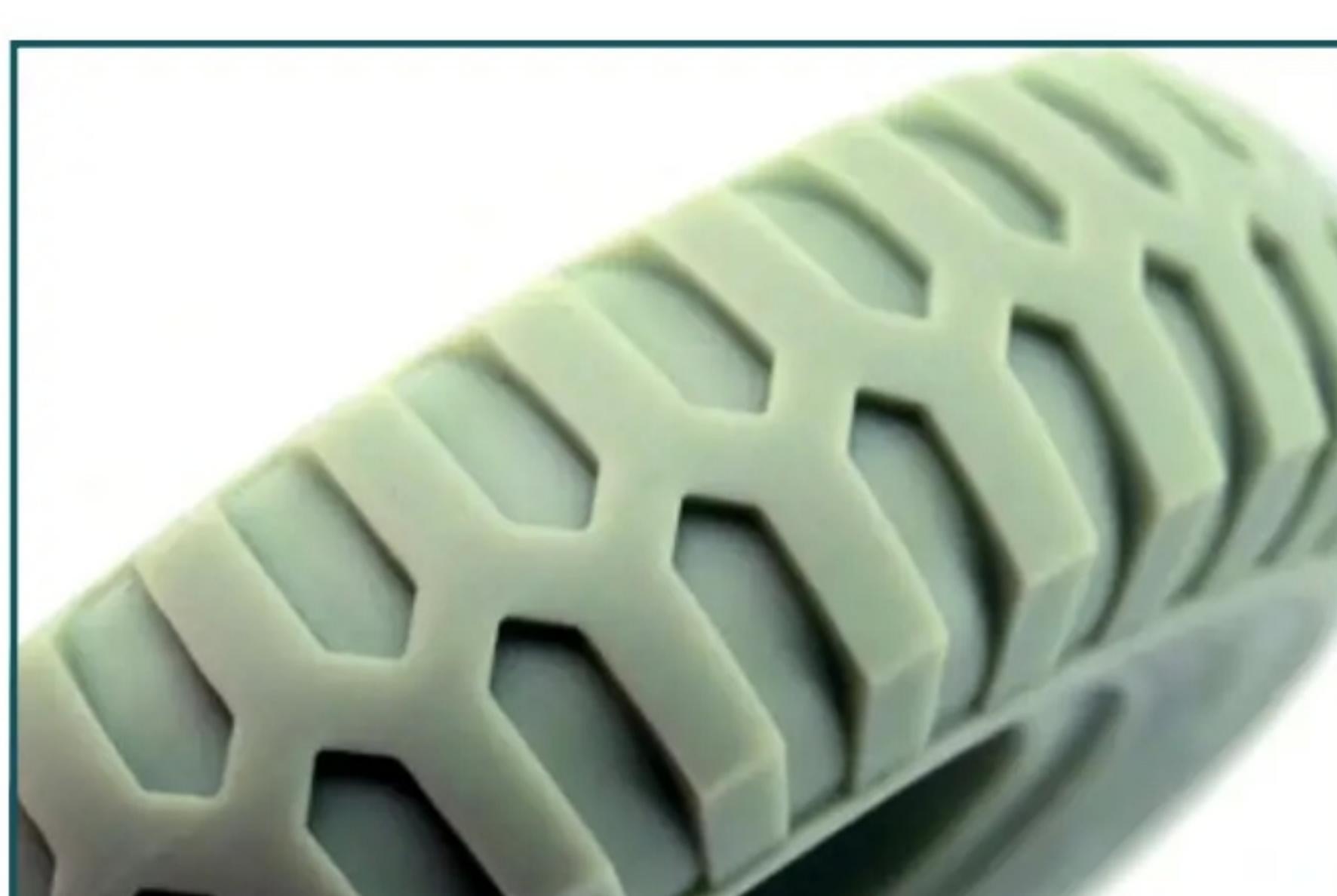
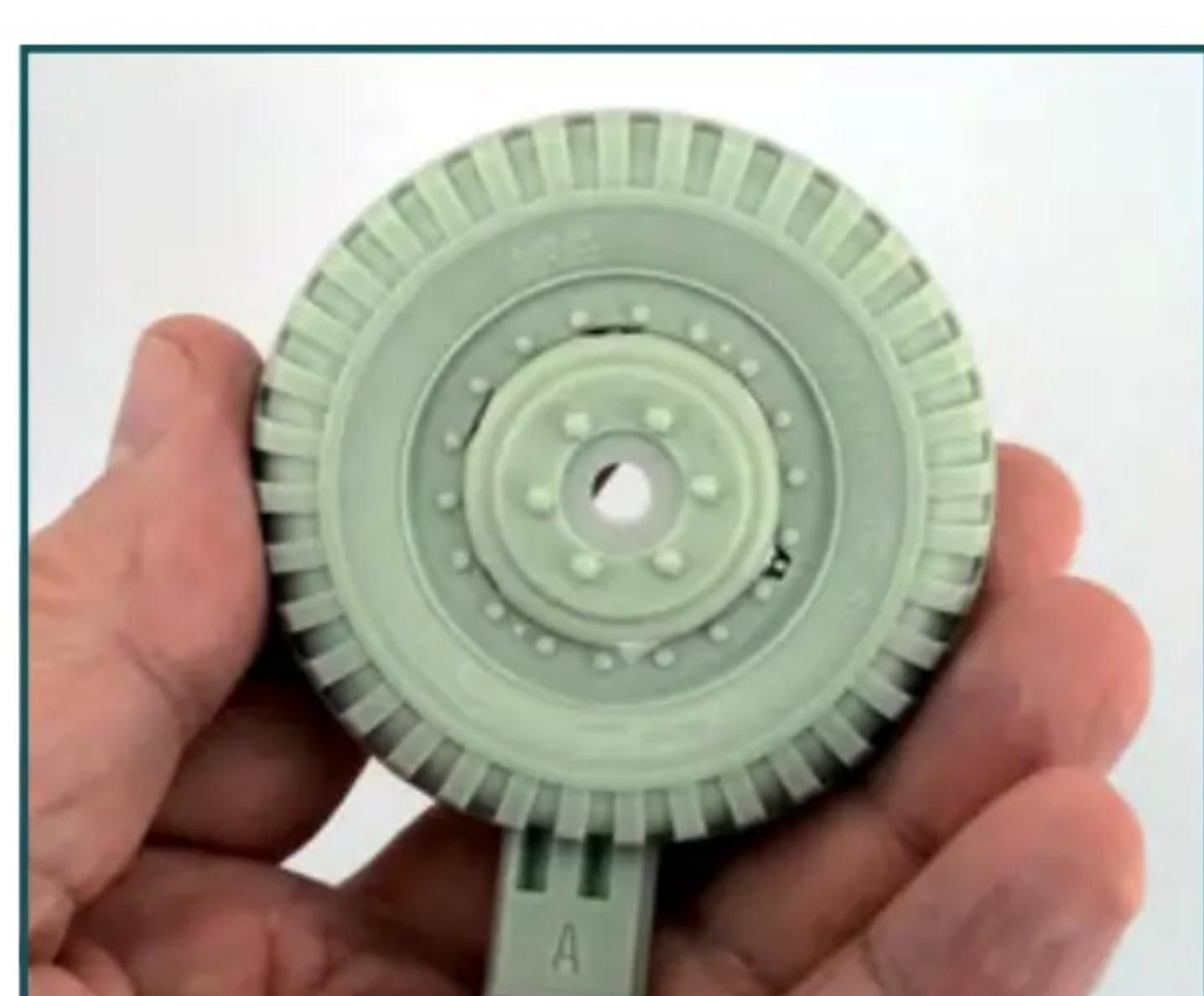
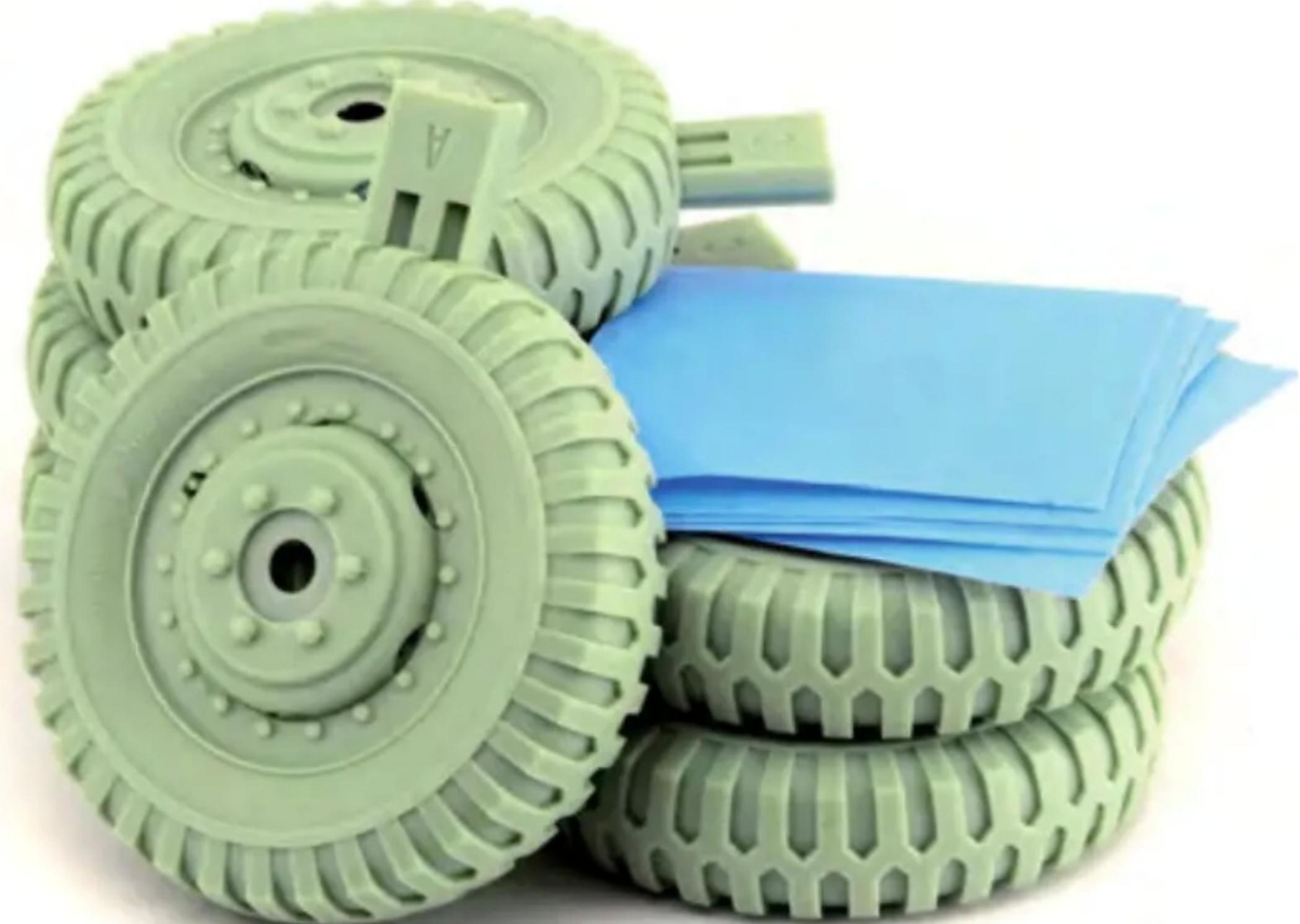
New in from DEF Model for Tamiya's 1:35 Kübelwagen we have a choice of erected canvas tops (early/DAK and late-pattern) and Tamiya's Schwimmwagen gets its own canvas cover too, all cast to perfection. If you are planning to build the AHHQ 1:16 (we are), then DEF Model's stunning six-wheel set of weighted tyres on highly detailed wheels will bring an extra element of realism. Brilliant quality as ever.

1:35 detail sets

- Kübelwagen Typ 82 canvas top early/DAK (DM35146) for Tamiya
- Kübelwagen Typ 82 canvas top late (DM35064A) for Tamiya
- Schwimmwagen Typ 166 canvas top (DM35065A) for Tamiya

1:16 wheel set

- US Light Armoured Car M8 Greyhound sagged wheel set (DW16005) for AHHQ



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C1 MODELS

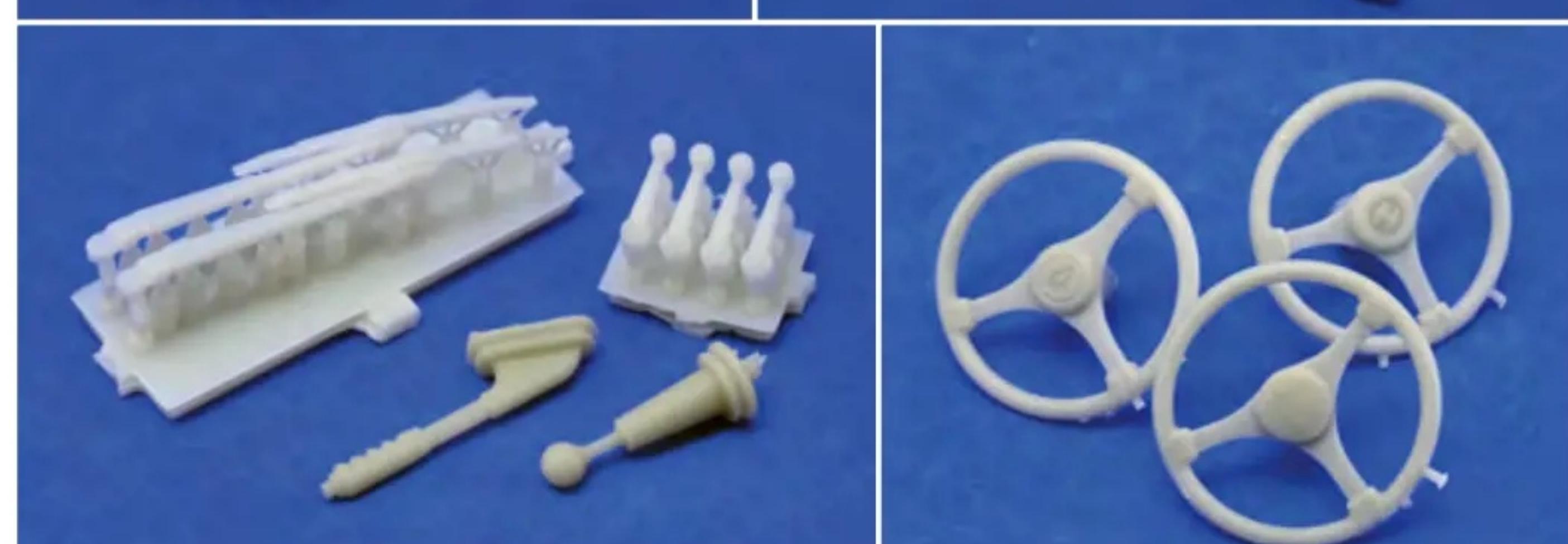
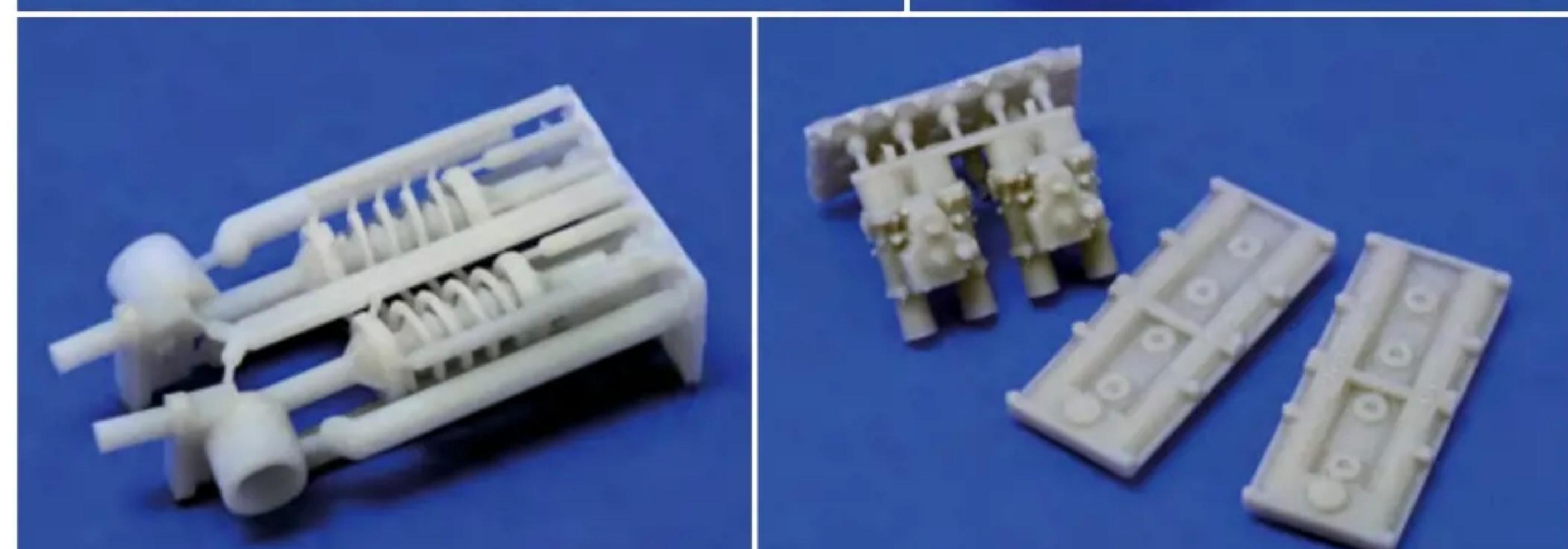
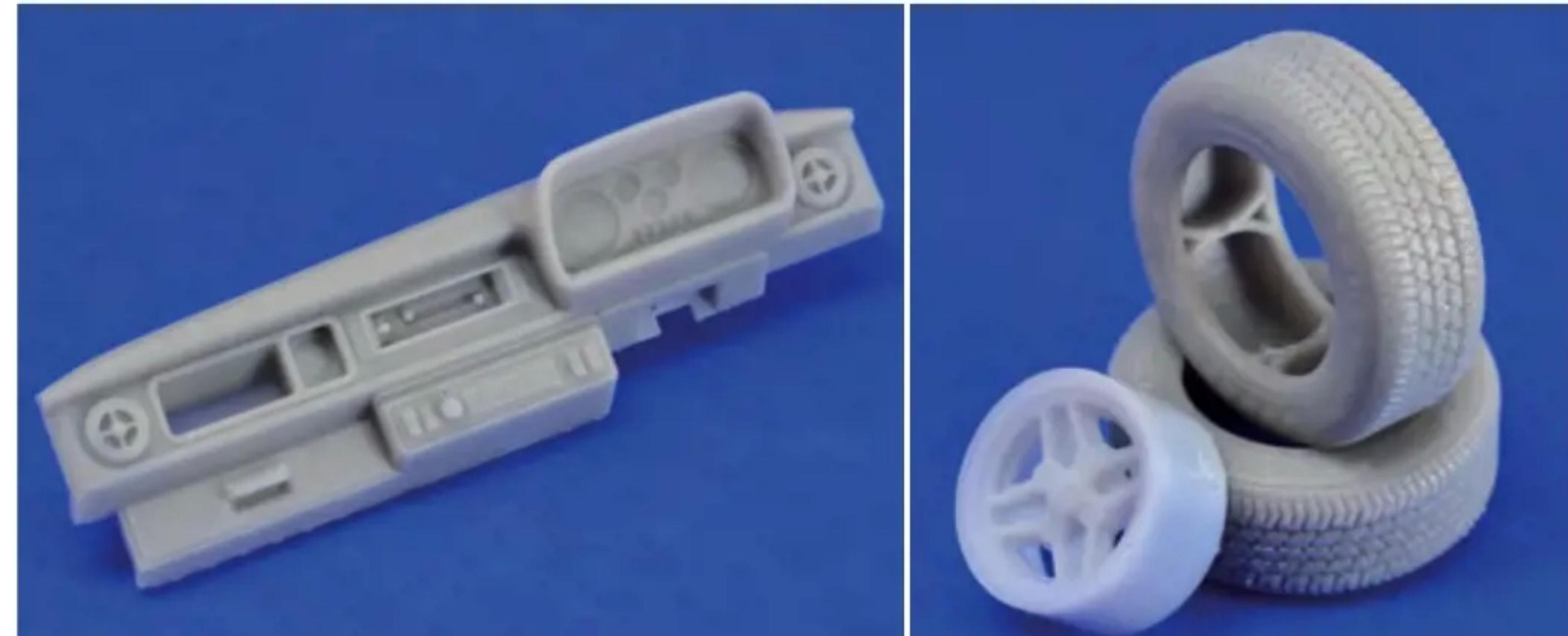
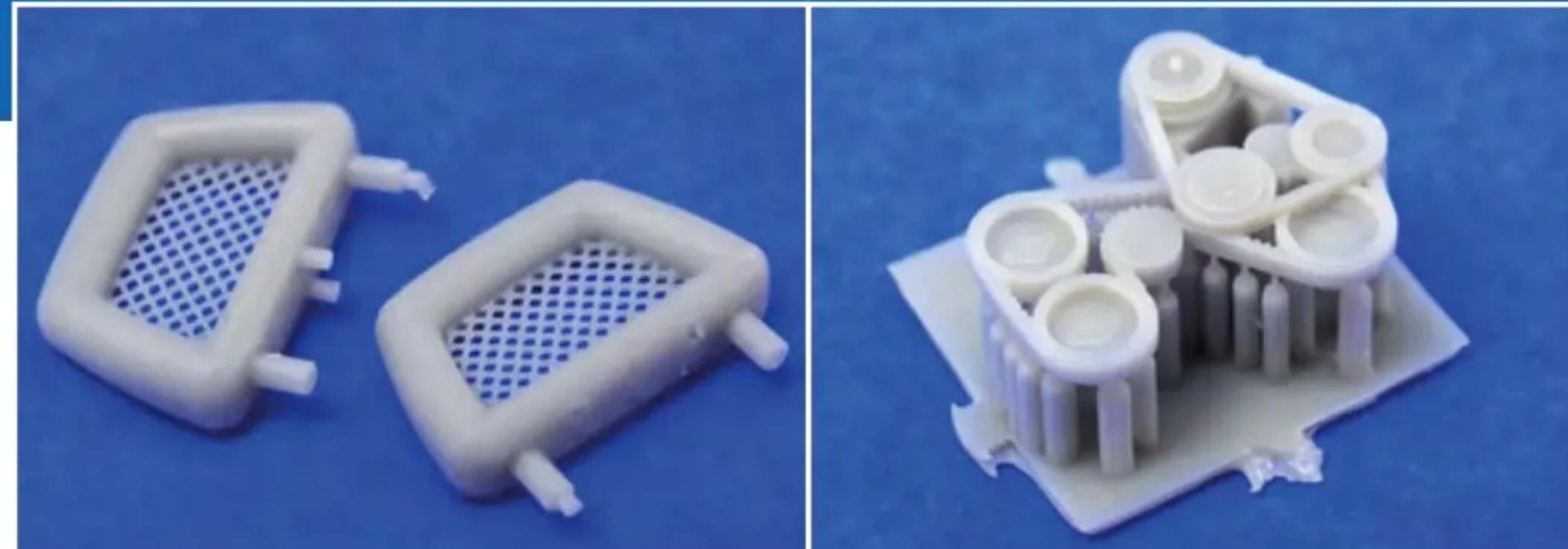
www.c1-models.com

We recently received this set from C1 Models and at first glance it appeared to be 'just' a conversion for Italeri's 1:24 Ford RS2000, to transform it into Ray Doyle's car from the British TV series 'The Professionals' (pictured below), but once we started to unpack the parts, we began to appreciate the full extent of the product. It is in fact an extraordinarily comprehensive package that brings the donor model up to date (1976!), only using the chassis, cabin tub, windows and a few other items from Italeri's classic kit. In the box you'll find a stunning new body, bonnet, front grille, headlights, engine upgrades, rear axle, steering rack, exhaust system, brakes, wheels, tyres, new dashboard, a full set of seats (with mesh headrests), inner door panels, three styles of steering wheel and column plus a whole host of other parts. 3D printing has been used to great advantage and the quality of the printings is impeccable. Absolutely wonderful stuff and it will make an absorbing project for any modeller with a little experience.

1:24 transkit

- The Professionals Ray Doyle's Escort (Ford) RS2000 (C1-TK062) for Italeri

Photo credit: REX/Shutterstock



CLEAR PROP! MODELS

www.clearpropmodels.com

Clear Prop!'s lovely 1:72 OV-1A/JOV-1A Mohawk is reviewed this issue and to add even more detail, they have created several sets in 3D resin that will sharpen up the model further. The canopy masks are especially useful!

1:72 detail sets

- OV-1A/JOV-1A Mohawk exhaust set (CPA-72046) for Clear Prop!
- OV-1A/JOV-1A Mohawk air intakes (CPA-72048) for Clear Prop!
- OV-1A/JOV-1A Mohawk pylons (CPA-72047) for Clear Prop!
- OV-1A/JOV-1A Mohawk canopy masks (CPA-72044) for Clear Prop!



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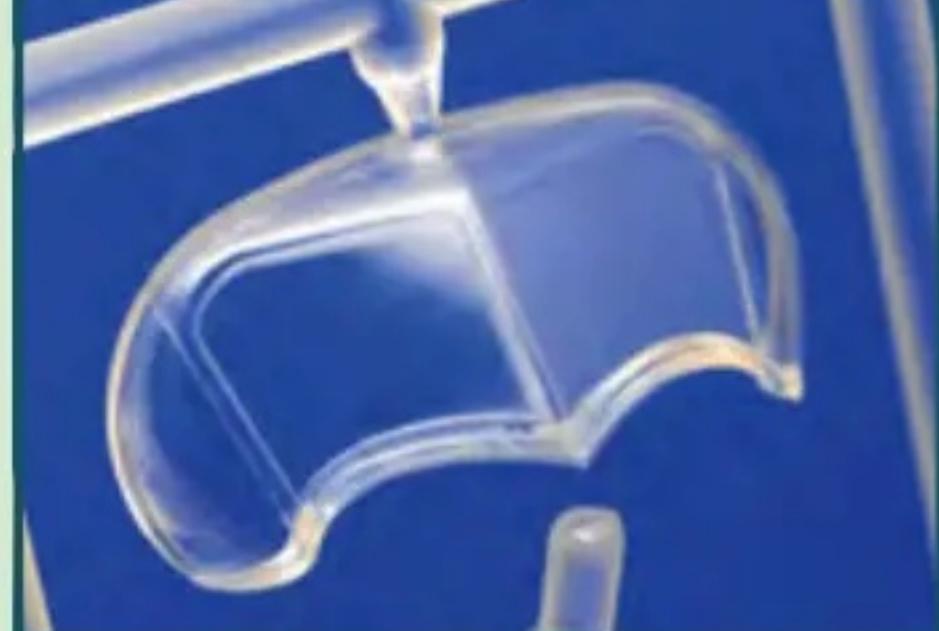
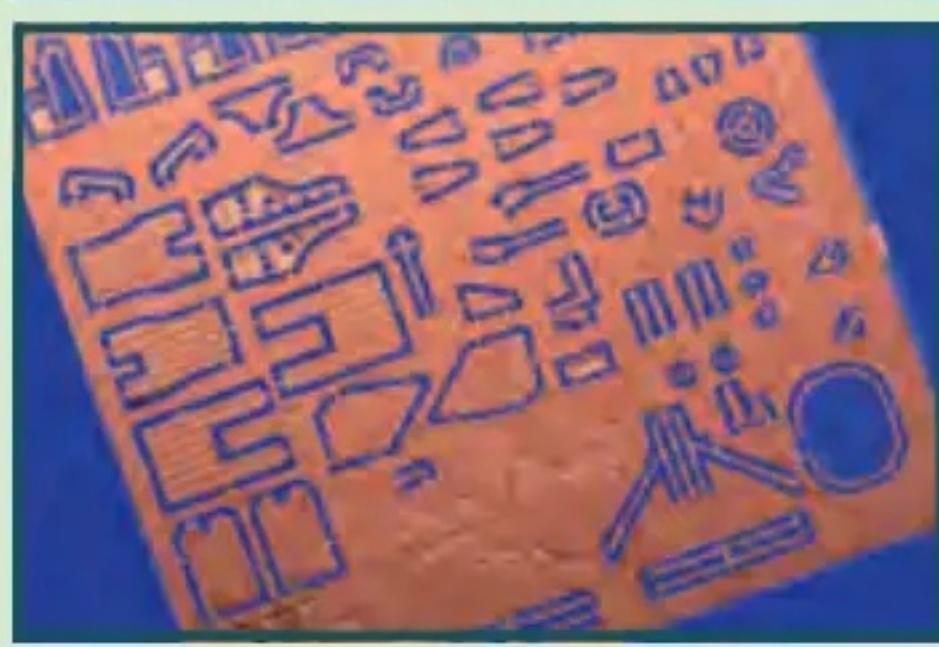
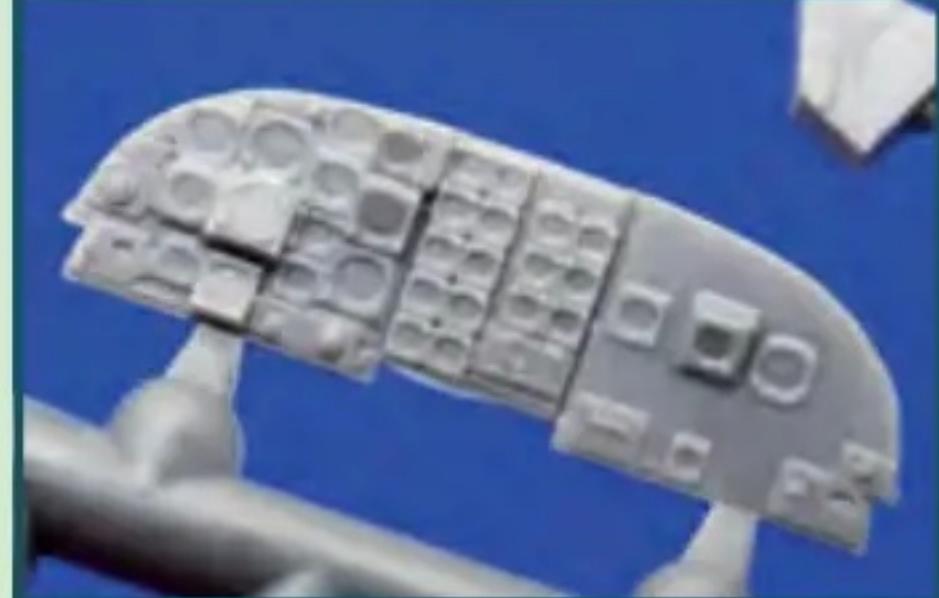


CLEAR PROP! UKRAINE OV-1A/JOV-1A MOHAWK

www.clearpropmodels.com and good retailers everywhere
SCALE: 1:72 • MATERIALS: IM, PE, WS • ITEM NO.CP72016
The Grumman OV-1 Mohawk was an American armed military observation and attack aircraft that was designed for battlefield surveillance and light strike capabilities. The prototype (YAO-1AF) first flew on April 14th, 1959. The OV-1 entered production in October 1959 and had operational success during the Vietnam War; US Army OV-1s were retired from Europe in 1992, from South Korea in September 1996 and finally in the United States in 1996, superseded by newer systems, newer aircraft, and the evolution of reconnaissance satellites (history edited from Wikipedia).

This is the first kit TMMI has received from Ukraine and to say we were impressed by it is an understatement. Within the box's modest dimensions we are treated to no less than 305 parts, distributed across seven sprues of mid-grey polystyrene, one in clear and three photo-etched metal (copper?) frets. Decals are provided for five different options, all being overall olive drab Mohawks serving during the Vietnam War, as this is the 'A' variant of the OV-10. An inspection of the kit parts confirms that this is an incredibly finely detail model, the airframe sporting extremely fine recessed panel lines and fasteners with equally refined raised detail in the right places. The cockpit alone accounts for the first twenty stages of construction in the neat assembly booklet and the detail the designers have packed in is breathtaking. Injection-moulded parts are combined with some of the most delicate photo-etched parts we've seen to create a mouthwateringly busy cabin interior, the majority of which will remain fully visible thanks to the Mohawk's bulbous canopy. It is reassuring that the transparent parts for the latter are crystal-clear. An exquisite little of this oddly appealing aircraft, beautifully detailed, inside and out. **TMMI**

-  Great subject choice, incredible detail and you can even add Clear Prop!'s own add-on upgrades to take it even further
-  The high parts-count and ultra-fine photo-etched parts, maybe one for slightly more experienced modellers



EDUARD, CZECH REPUBLIC

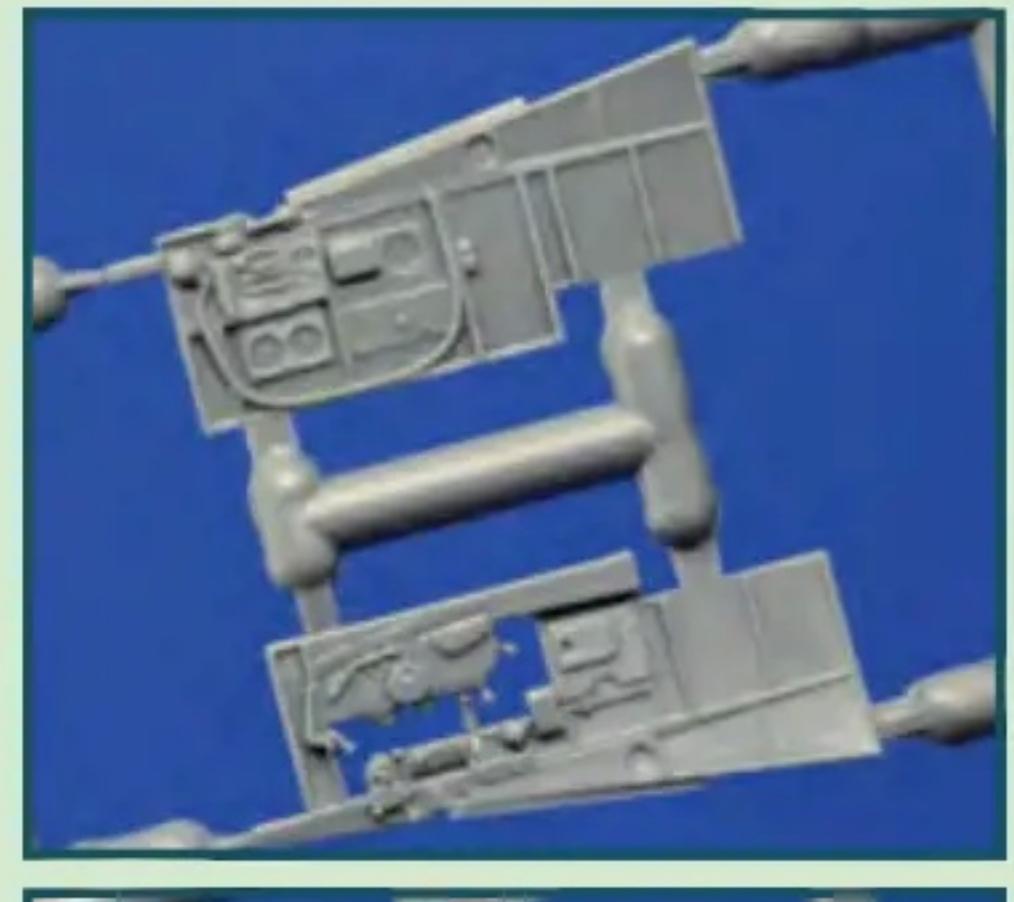
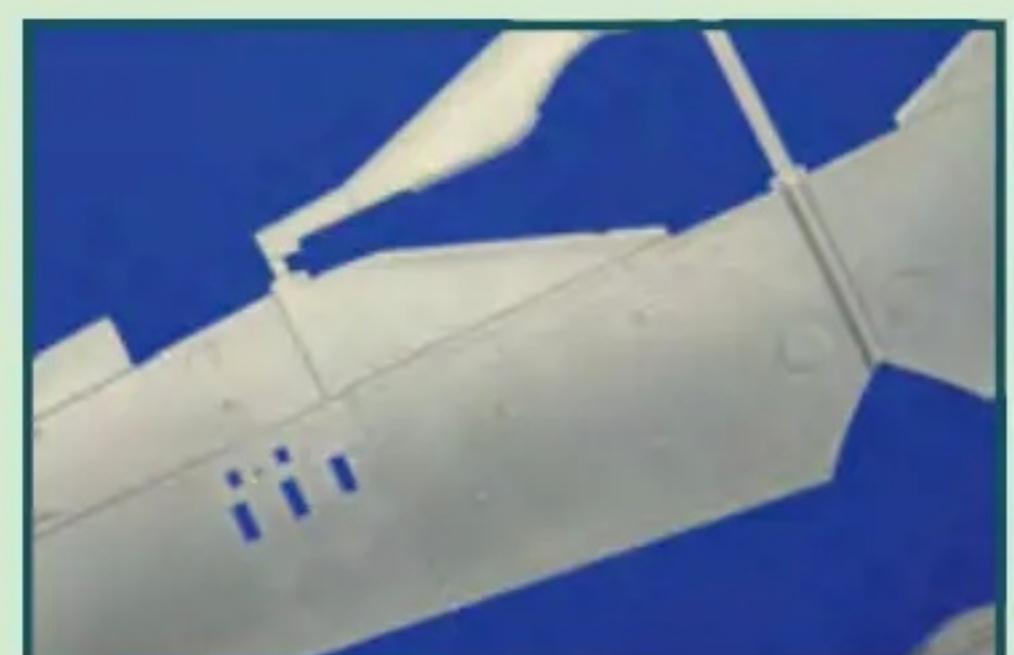
EDWARD, GLENN & GENE ACES OF THE EIGHT P-51D MUSTANG LIMITED EDITION

www.eduard.com www.creativemodels.co.uk and good retailers everywhere
SCALE: 1:72 • MATERIALS: IM, PE, WS • ITEM NO.2147

The North American P-51 Mustang in all its variants is an eternally popular subject for modellers, possibly because of the wide variety of markings, camouflage and personalisation they carried or maybe just because it was so successful during the Second World War and beyond and is such a great-looking plane! Eduard have certainly tapped into the fascination for this USAAF fighter with their sublime kits of the P-51D and P-51B in 1:48 and now, an all-new kit of the 'D model in 1:72.

And what a wonderful boxful is on offer with the initial launch, with a 'two-for-one' limited edition release of a pair of Mustangs of the Eighth Air Force, based in Britain during the final years of the war. No less than twelve decals options are provided for the two kits and they are all irresistibly cool: "Cripes a' Mighty 3rd", Maj. George E. Preddy Jr., 487th FS, 352nd FG, Bodney, July 1944, "Ridge Runner", Maj. Pierce W McKennon, 335th FS, 4th FG, Debden, April 1945, "Daddy's Girl", Capt. RS Wetmore, 370th FS, 359th FG, March 1944, "Big Beautiful Doll", Lt Col. John D. Landers, CO of 78th FG, Duxford, March 1945, "Nooky Booky II", Leonard K. Carson, 362nd FS, 357th FG, Leiston, Suffolk, June 1944, "Jersey Jerk", Maj. Donald Strait, 361st FS, 365th FG, "Katydid", Lt. Col. Elwyn G. Righetti, CO of 55th FG, Wormingford, December 1944 – March 1945, "Detroit Miss", Lt. U. L. Drew, 375th FS, 361st FG, Little Walden, September - October 1944, "Happy Jack's Go Buggy", Capt. Jack M. Ilfrey, 79th FS, 20th FG, Kings Cliffe, Northamptonshire, Autumn 1944, "Mary Beth", Capt. Kirke B. Everson, 504th FS, 339th FG, Fowlmere, Great Britain, April 1945, "Miss Steve", Lt. William G. Cullerton, 357th FS, 355th FG, Steeple Morden, 1944 and P-51D-25, 44-63684 of Col. Glenn E. Duncan, 350th FS, 353rd FG, July 1944. **TMMI**

-  A fantastic, all-new model of this all-time classic fighter
-  You'll need to buy several kit just to use those remaining decal options!



IC MOTOR EPS; EXTRUDED PLASTIC SECTION, F; FABRIC, IM; INJECTION MOULDED (PLASTIC), ITL; INDIVIDUAL TRACK LINKS, LC; LIQUID CEMENT, LCC; LASER CUT CARD, LLT; LINK AND LENGTH TRACKS, MC; METAL CHAIN, SEMBLED METAL PARTS), PS; PAPER STRIP, R; RESIN, SVT; SOFT VINYL TYRES (OR TUBING), VF; VINYL FIGURES, VFP; VACUUM FORMED (PLASTIC), WC; WOVEN CORD, WS; WATERSLIDE (DECALS)



ITALERI, ITALY PZ.KPFW.VI TIGER I AUSF.E LATE PRODUCTION

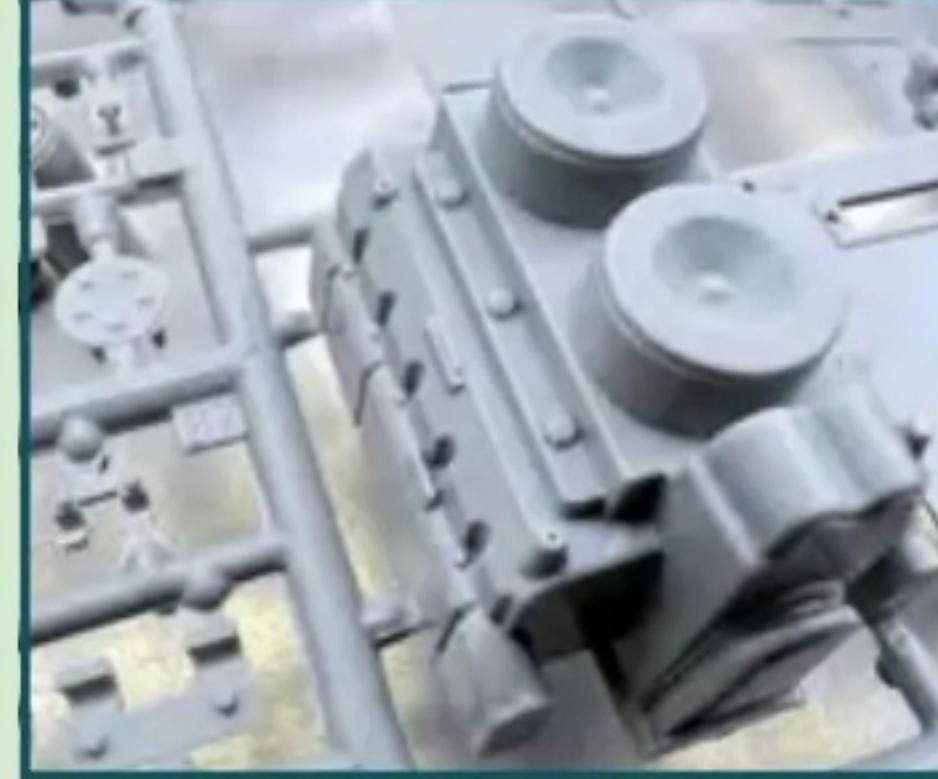
www.hobbyco.net

SCALE: 1:35 • MATERIALS: IM, WS • ITEM NO.6754

The Tiger I needs no introduction and this German tank had a huge impact from the outset, first appearing in late 1942, it was immediately feared by the Allies, who soon began to identify every enemy tank as a Tiger. The 8.8cm gun was lethal at long ranges and the armour was impervious to most Allied weapons. As a result, the Tiger created a level of panic wherever it appeared – or was expected. The Tiger went through a number of design changes and this kit from Italeri has the features of a late production version, with 'steel wheels' and a coat of Zimmerit as protection against magnetic explosive charges. First released in 1996, this kit has seen some upgrades and offers link-and-length tracks as well as excellent 'rubber band' soft tracks. The method of applying the Zimmerit to the turret is pretty unique, as Italeri provide a separate thin plastic sheet to glue to the turret walls. The level of detail is generally very good, but there is a lot of scope for improving the tools, machine guns and other smaller parts, in order to create the perfect Tiger. This re-release is in commemoration of the D-Day landings 80 years ago, hence the four marking options being for NW Europe. The decal options offer Wittmann's last Tiger, one from the infamous attack on Villers-Bocage, plus two others from the Normandy battles. While not as refined as some of the newer kits on the market, this Italeri kit offers good quality at an affordable price and will certainly make up into a great looking model. **CLS**

+ A great kit, very easy to assemble and accurate in appearance

- Some small details, while accurate, look a bit simplified by modern standards



ITALERI, ITALY SD.KFZ.234/3

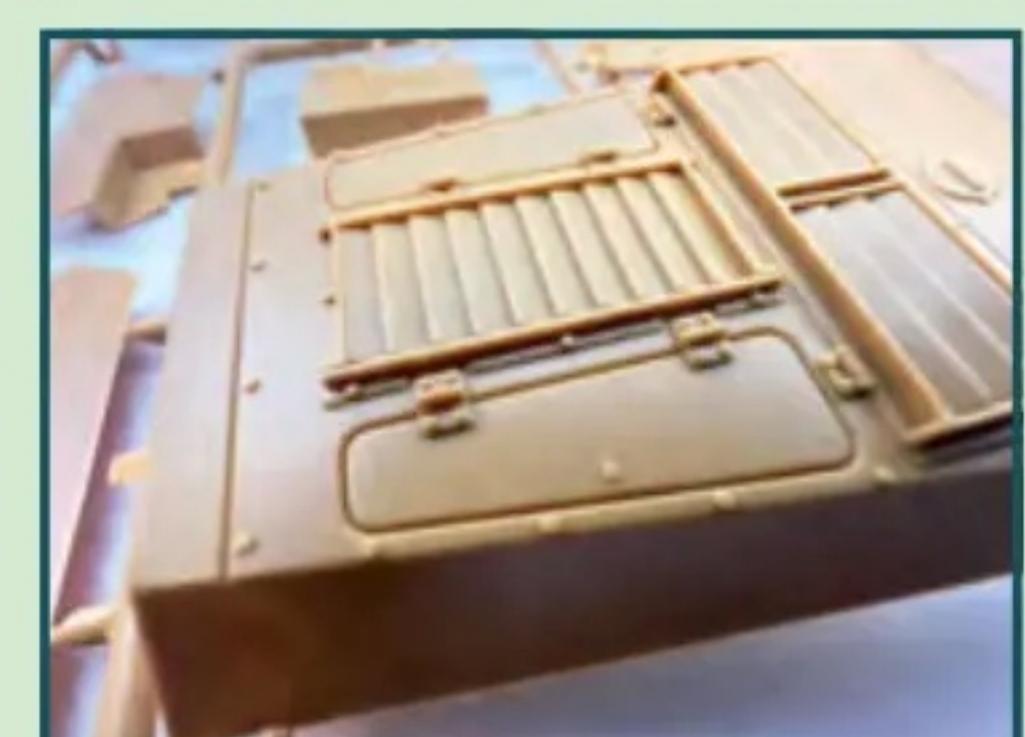
www.hobbyco.net

SCALE: 1:35 • MATERIALS: IM, PE, WS • ITEM NO.6756

The Sd.Kfz.234/3 was one of the four variants of heavy eight-wheel armoured cars that Germany produced in mid-WW2, this type having a short 7.5cm gun to provide support for other reconnaissance cars. Just 88 of this version were produced between June and December 1944. A low and sleek car, with an open top, the 234/3 was designed to tackle 'soft' targets, but it also had a powerful round to defeat armour. The Italeri kit has significantly improved since it was first released in 1982 and in terms of accuracy and detail the kit stands up well against later releases. Indeed, the vinyl tyres, excellent jerry-cans and etched brass have all contributed to a kit that is easy to build and yet has all the expected details. The hull is a rigid unit and can be very slightly improved by adding subtle welds between some panels. The rear air louvres are moulded closed, which certainly makes life easier without compromising on detail. The result is a kit with no frills, but which makes up into a very attractive armoured car. Being open-topped, the interior is quite visible and where some fittings are missing, the major parts are present and a set of four crew figures would hide any gaps. Externally, the Italeri kit has everything and the construction of the complex suspension is designed to provide a stable and strong model. Four contrasting colour schemes are suggested and overall this is a super kit which offers a good balance between detail and ease of assembly. **CLS**

+ A straightforward kit with no vices, making up into an accurate model

- Newer parts have kept this old kit perfectly in line with more expensive kits



NEW RELEASES Kit REVIEWS

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ICM, UKRAINE WEHRMACHT MAULTIERS

www.icm.com.ua www.hannants.co.uk

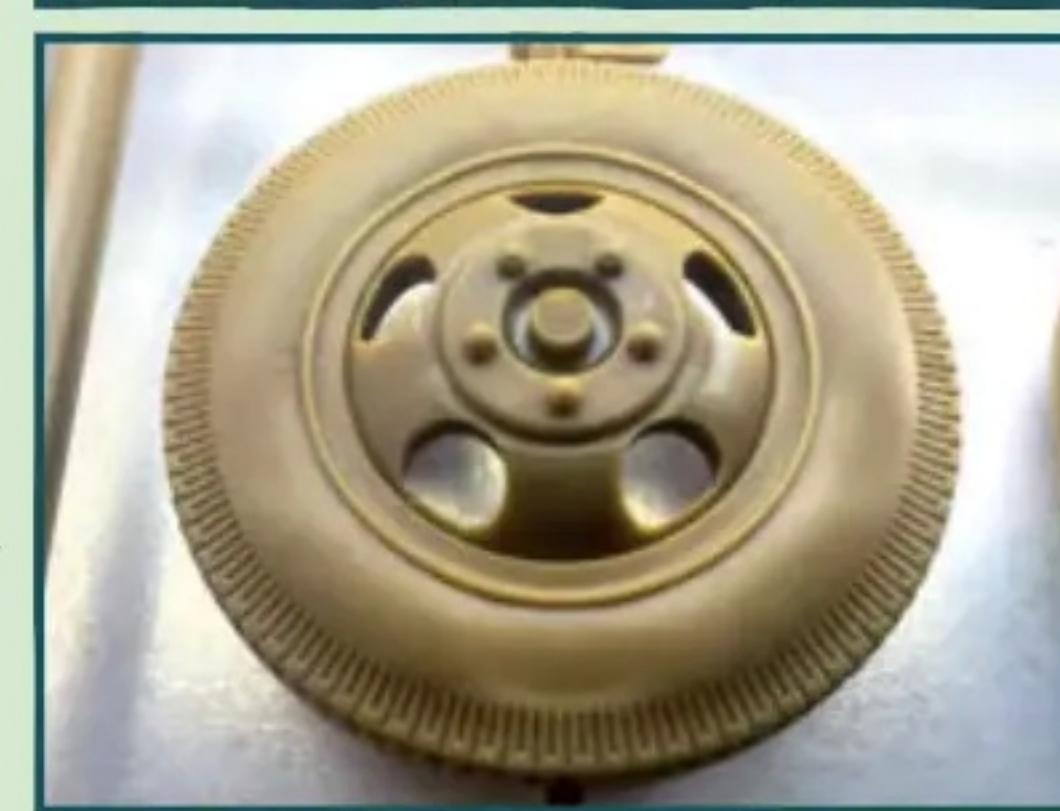
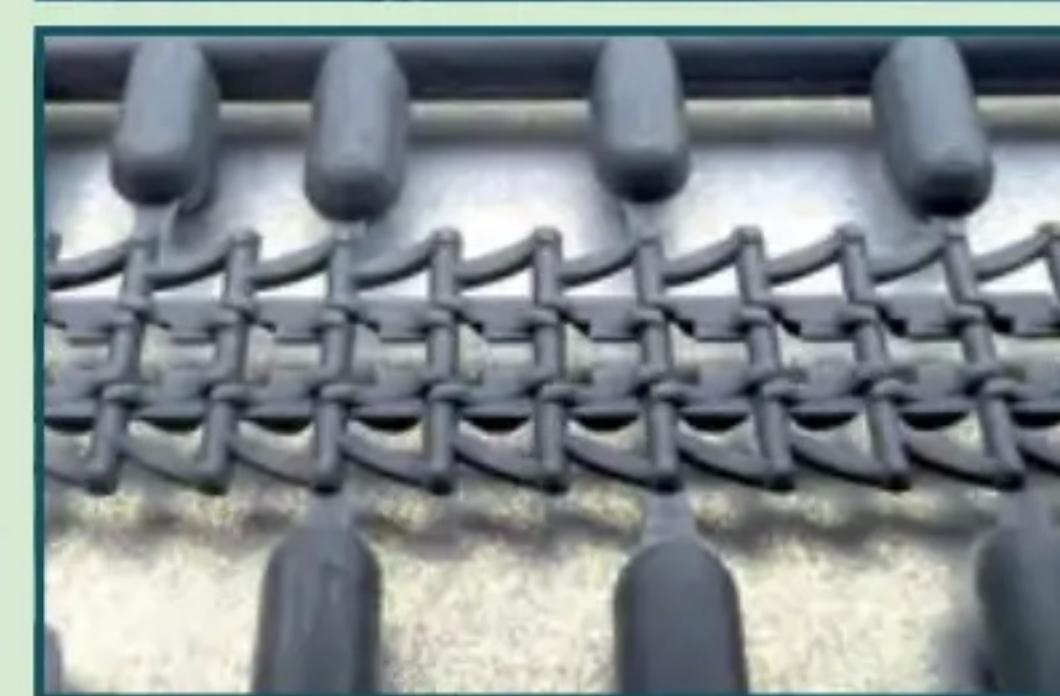
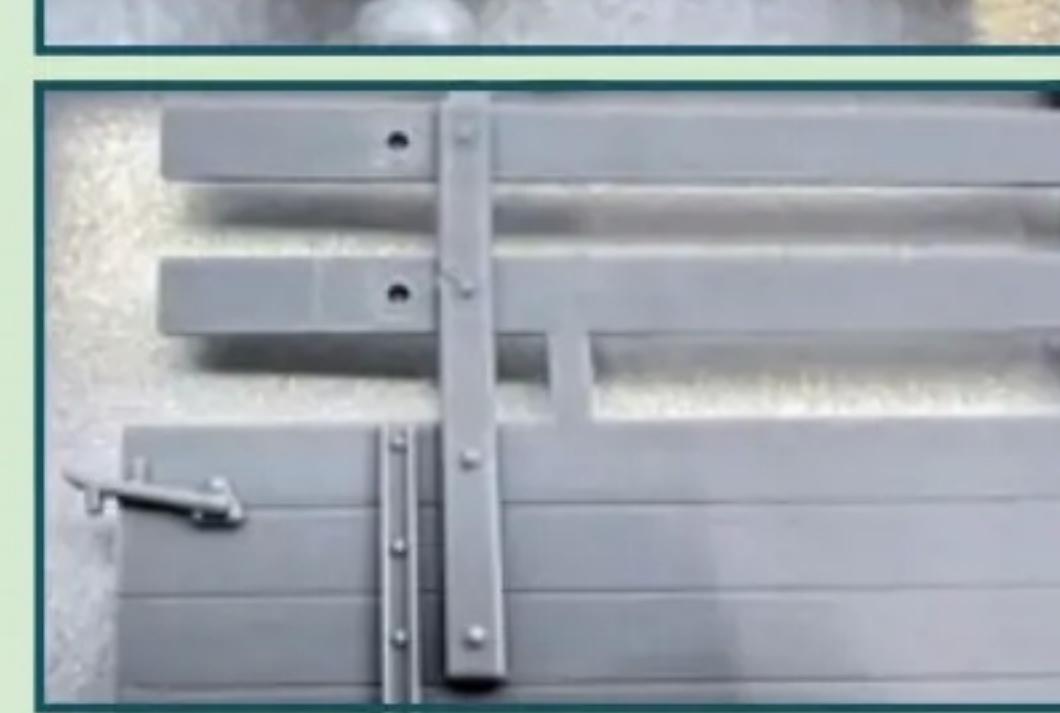
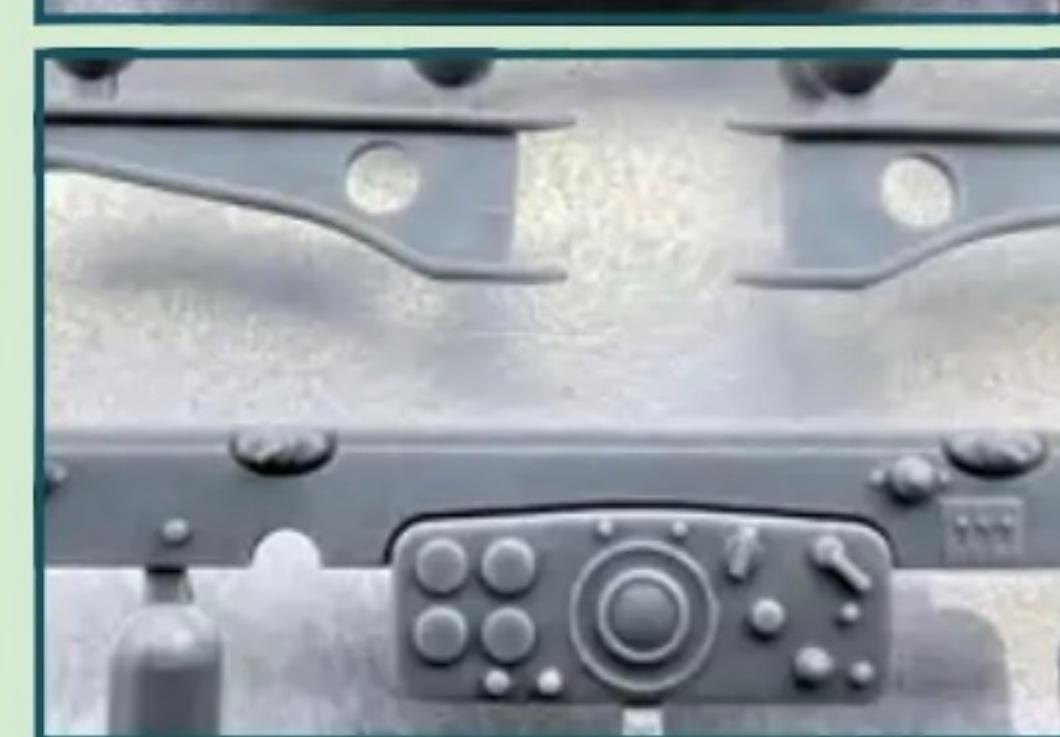
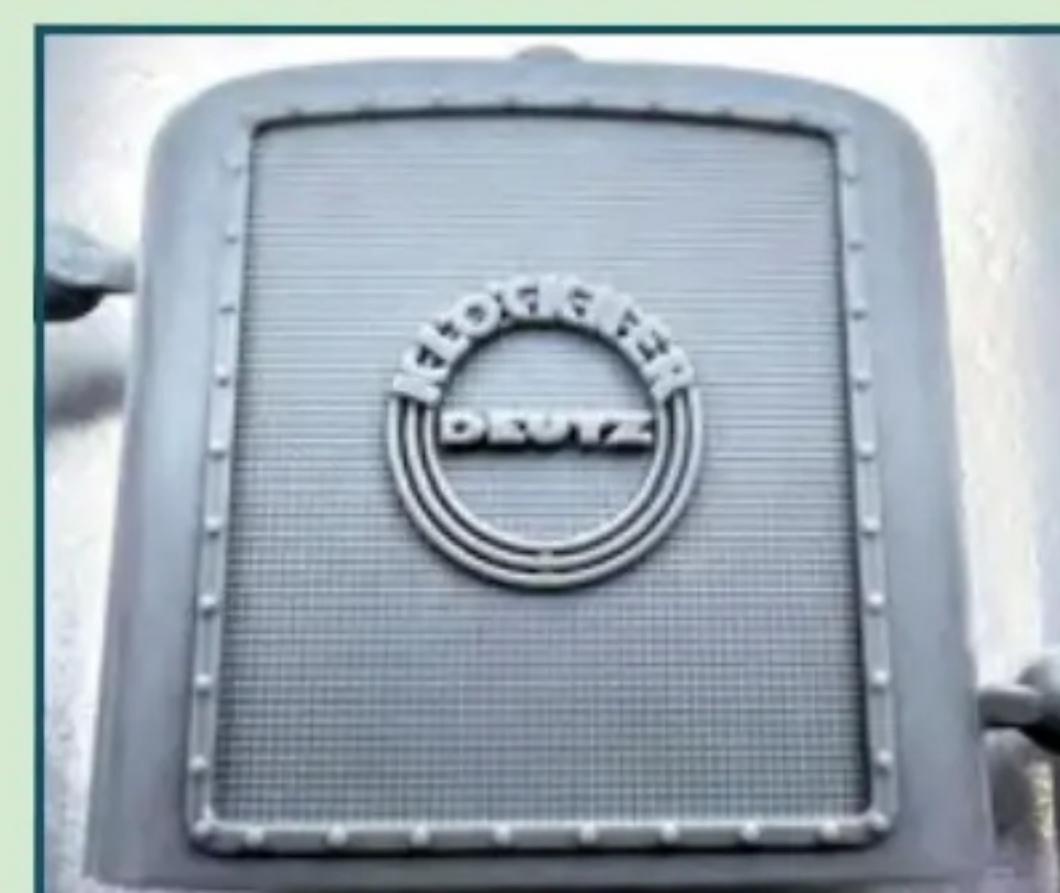
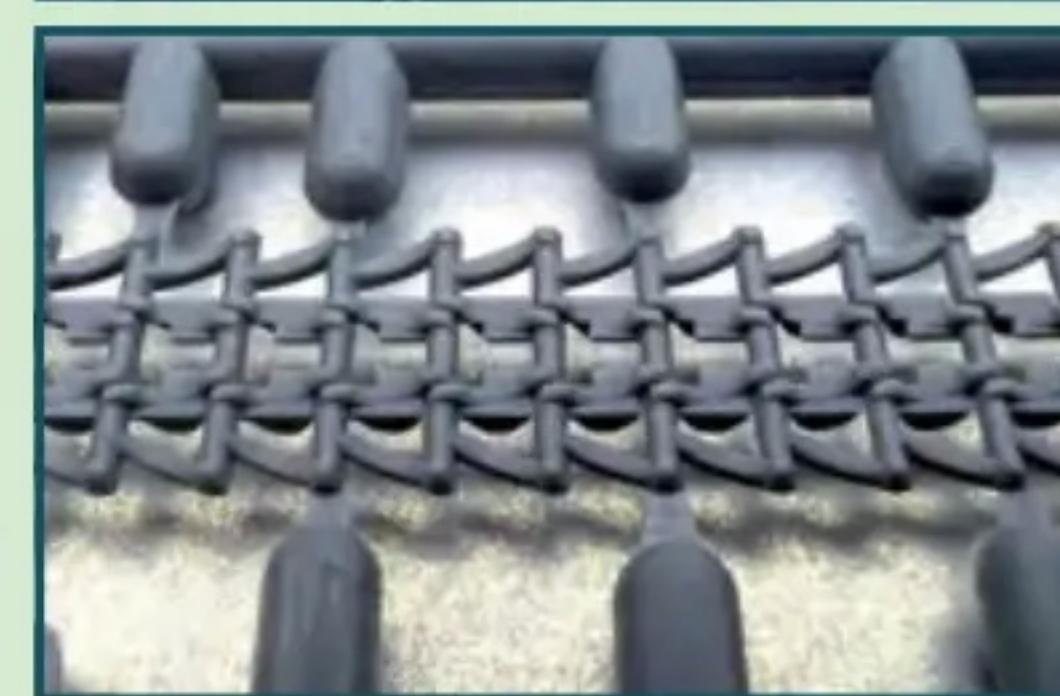
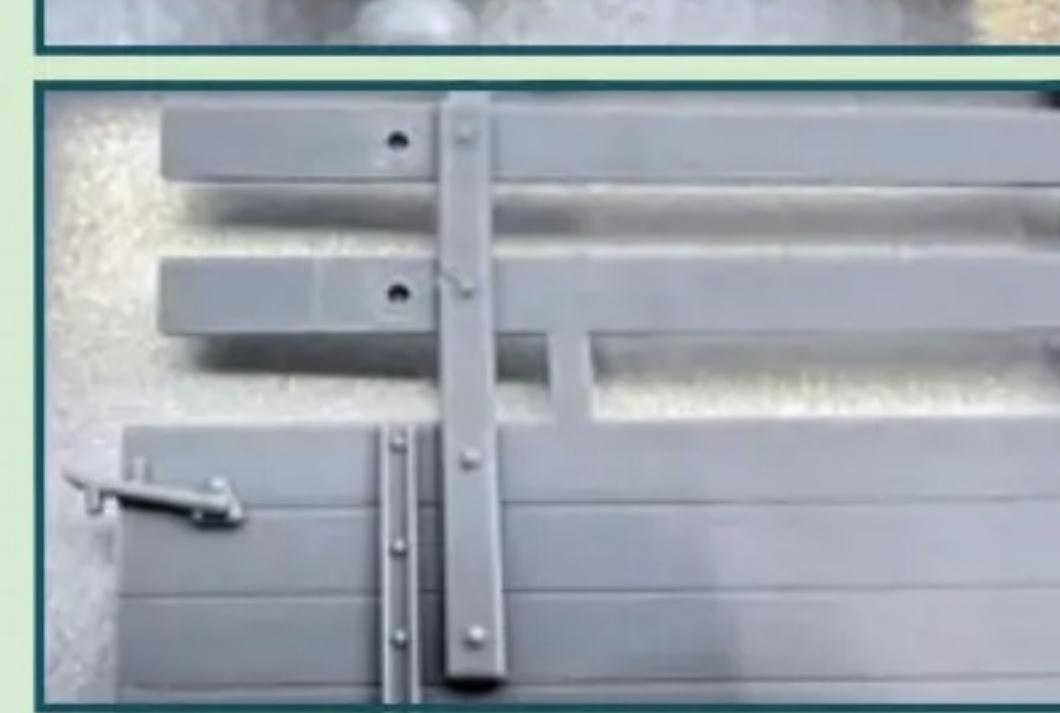
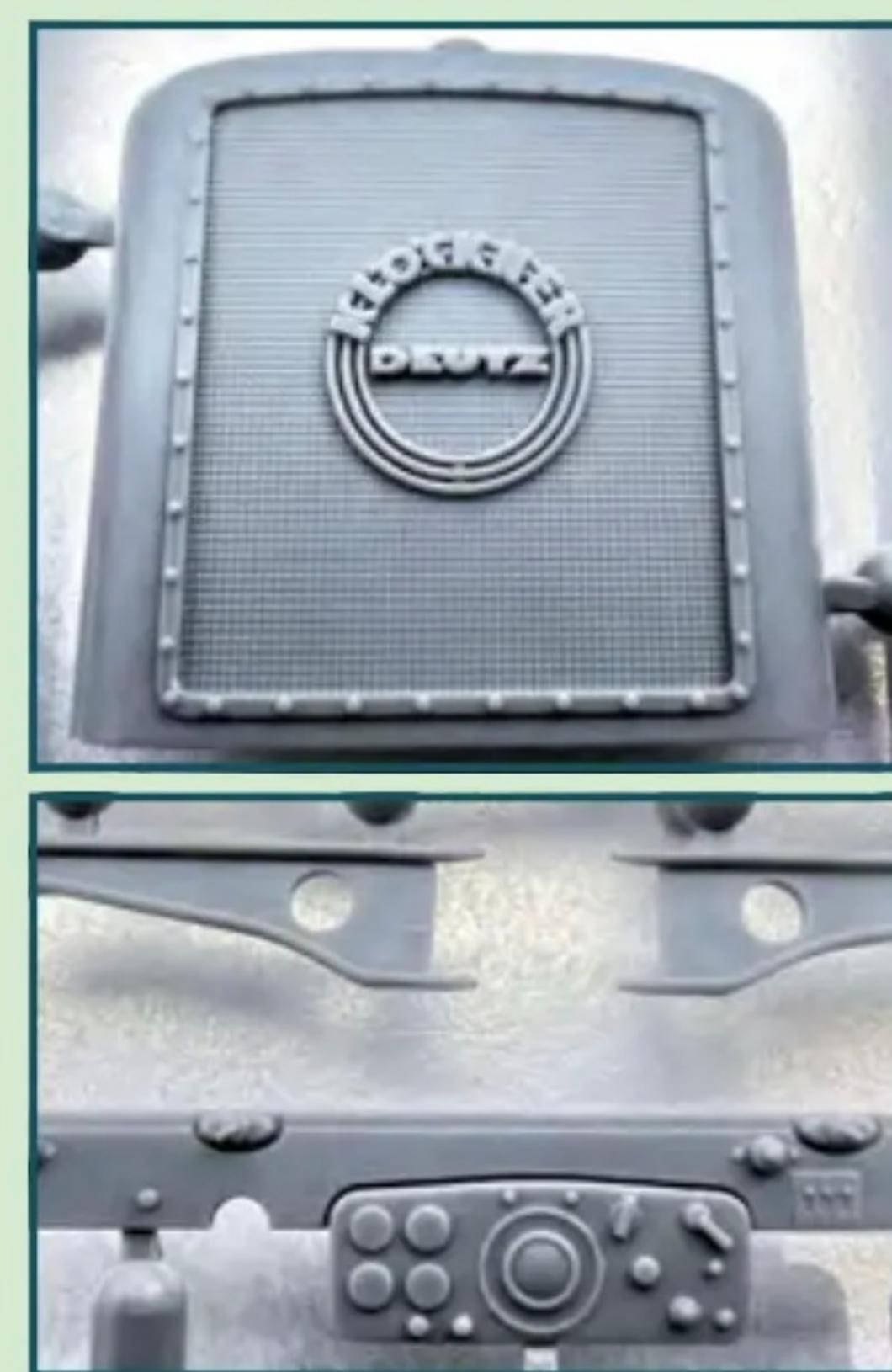
SCALE: 1:35 • MATERIALS: IM, WS • ITEM NO. DS3522

Faced with the ongoing drain on their whole fleet of vehicles, Germany produced a huge number of vehicles during WW2.

Notable among these were the 3-ton trucks from several manufacturers and these all served wherever the German forces were engaged. As the situation became ever more difficult and resources more limited, the Germans looked for ways to use less metal and to improve off-road capability. This gave rise to 'Maultier' (mule) versions of many trucks, a whole family of vehicles where the rear wheels were replaced with tracked units. The trackwork was fairly standardised and the resulting halftrack trucks were slow, but had improved performance on poor roads and off-road conditions. This boxing from ICM includes three Maultiers that have been released previously. The Ford V3000 was a very common vehicle and in the box we have the ambulance body which is a very distinctive version of the Maultier. Then we have the late-war version of the same Ford truck, with the wood and compressed fibre cab that was introduced to save on metal. This truck comes with a standard cargo bed. The third kit in the box is a KHD S3000/SS which is a cargo version of the KHD truck which was used on all fronts, but in relatively low numbers. Each kit is very high quality and the level of detail is incredible. The kits do not need photo-etch and the tracks are link-and-length, both of these factors make the models easy to assemble without any loss of detail. **CLS**

+ An inexpensive way to get three different Maultier kits, all of them excellent in quality

- Loads for the trucks need to come from other sources

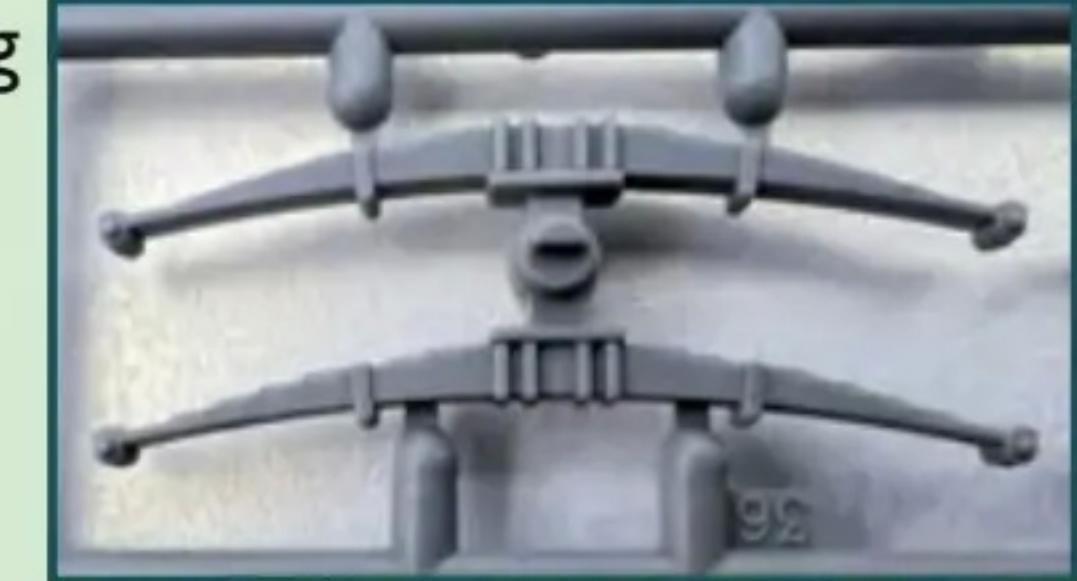
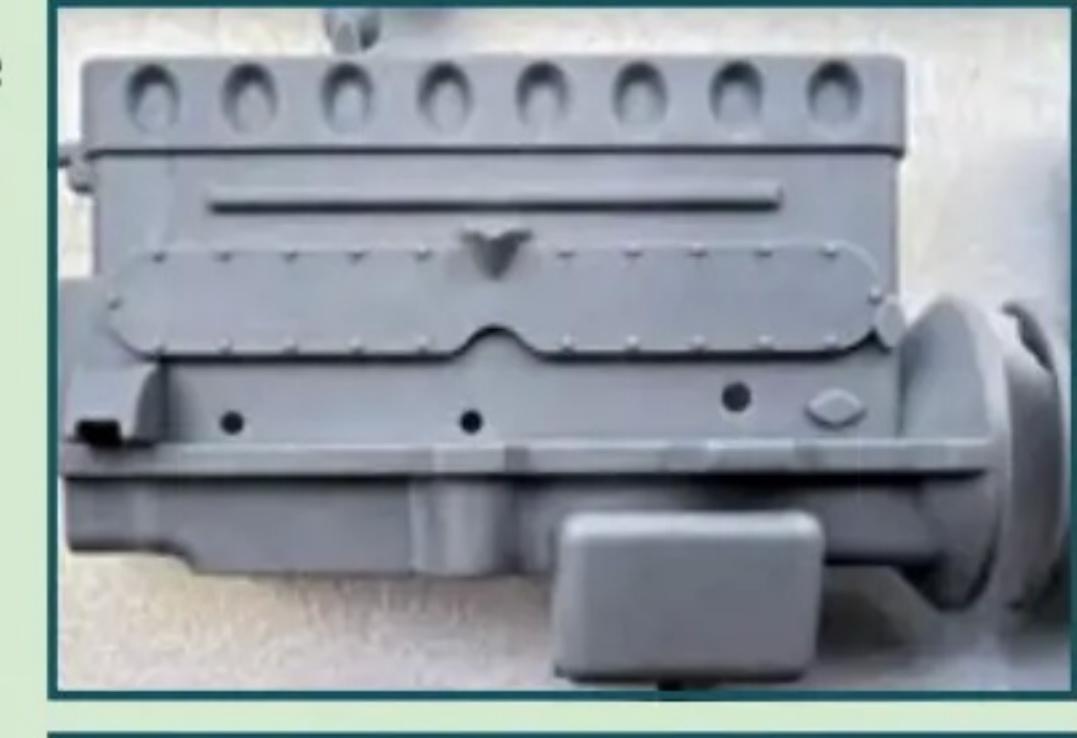
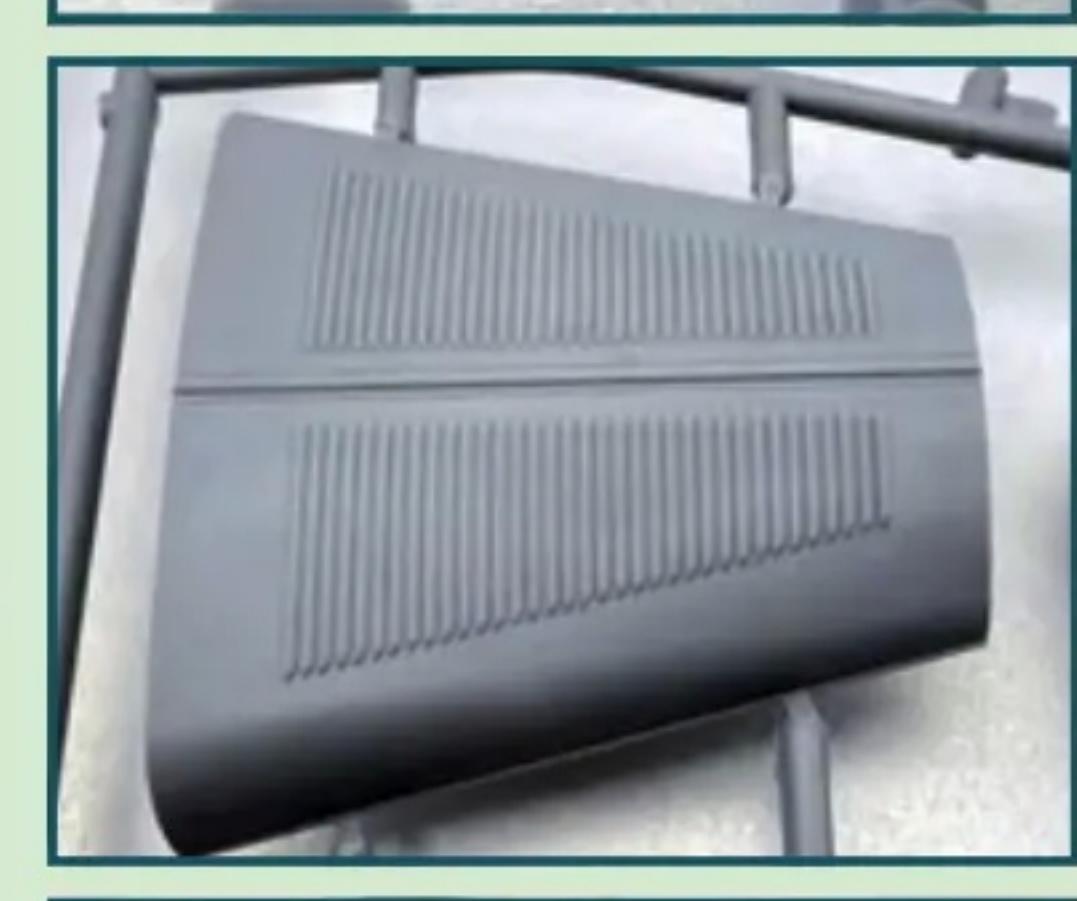


ICM, UKRAINE TYPE G4 AND GERMAN STAFF PERSONNEL

www.icm.com.ua www.hannants.co.uk

SCALE: 1:24 • MATERIALS: IM, WS • ITEM NO. 24024

Officially introduced at the end of 1934, the three-axle Type G4 passenger car was designed by Daimler-Benz and produced until 1939. This heavy six-seater, off-road vehicle had an eight-cylinder engine with an output of 100 (later 110) hp and was designed for high-ranking officials of the Third Reich, as well as for the Wehrmacht where it was used as a staff car under the designation Kfz.21. The G4 was produced as a four-door sedan with a folding roof. The vehicle was too complex and expensive for mass production, so it was made in a relatively small quantity – just 57 examples were constructed. ICM has already released the basic car in 1:24 scale (kit 24011) and this new boxing includes officer figures and a driver. Interestingly, the kit is extremely detailed but has fewer construction stages than the 1:35 versions from ICM (46 instead of 138) which makes assembly easier. For example, the chassis frame is included in one piece, which gives more rigidity without any loss of detail. Indeed, the scale of 1:24 is fantastic to show off the detail of this monster car, with much to show off in the open interior. The kit offers the parts to make the version armed with two MG34, although the standard staff car is also an option. The figures (General, Adjutant and driver) have incredible detail to show off in the larger scale and overall this set makes up into a great display item. **CLS**



+ The larger scale gives a lot of impact when displaying this big staff car

- While this 1:24 kit has all the detail of the 1:35 versions, ICM have offered nothing extra

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The Junkers Ju88 twin-engined bomber from the World War two era is an evergreen subject for scale modellers and it's not difficult to see why; it's a handsome, well-proportioned machine that appeared in many variants and camouflage schemes during its operational career, offering the modeller a near-endless variety to choose from. A surprisingly large number kits of the Ju88 have been released from many manufacturers over the years in all the standard modelling scales (plus a few in less than usual scales), so this really is a rich hunting ground for anyone wanting to build miniature replica of this ubiquitous Luftwaffe fast-bomber. If you wish to take things several steps further and enhance the detail in and on your Ju88 of choice, get its paint colours exactly right and nail the markings, there is simply nothing else that does the job better than this new, two-volume set from Valiant Wings. The publisher has created what must surely rate as the definitive guide on the Junkers Ju88 and not just for the real aircraft, but with an extraordinarily in-depth analysis of the models of it, too. The two-volume set traces the Ju88 from its conception, right up to the end of its career at the end of WW2 and the extent to which author Richard Franks has gone is quite simply breathtaking. The differences between each iteration are explained in forensic detail with the use of illustrations, masses of wonderful diagrams from original Junkers technical manuals, 1:48 scale plans, a small mountain of superb, original wartime photographs and colour profiles. An excellent model-building section is accompanied by exhaustive lists and detailed descriptions of the myriad Ju88 kits, accessories and decals that have been produced over the years, providing the reader with an unmatched reference source. In Part 1, the Ju88's early development period is explored (some great ideas for model conversion projects here), moving on to the first production aircraft, through to the later variants that fought almost to war's end, plus Ju88s that served with other nations. In Part 2, (Airframe & Miniature No.24, The Junkers Ju88 Part 2: Ju88C To Ju88T) we have the same comprehensive approach as the first volume, featuring the later versions – including the night-fighters – with their specialised radar arrays and heavy weaponry. Again, an impressive modelling section shows how good this aircraft looks in miniature form. Invest in both these books and you will have a remarkable source of reference and inspiration for all your Ju88 needs. Very highly recommended. **TMMI**



Please note, the swastika emblems on the aircraft tails have been removed from these images to comply with laws in countries where Tamiya Model Magazine is sold. The books reviewed here include these emblems for the purposes of historical accuracy.



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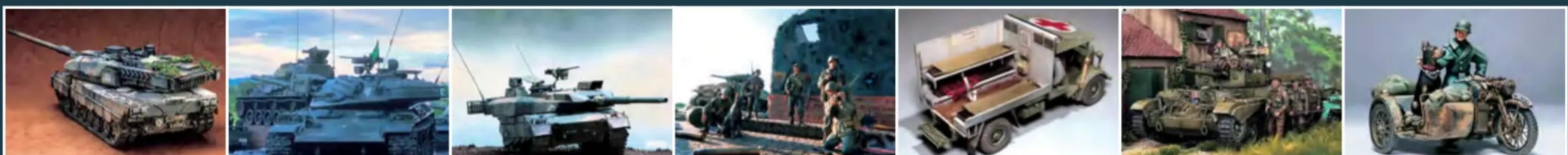


A COOK ON THE WILD SIDE

Hugh Fearnley-Whittingstall's Series II Land Rover 'Gastrowagen' in miniature, converted from the Revell 1:24 kit!

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Tamiya's all-new 1:35 Panzer I Ausf B takes shape



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...AND MUCH MORE, OF COURSE!

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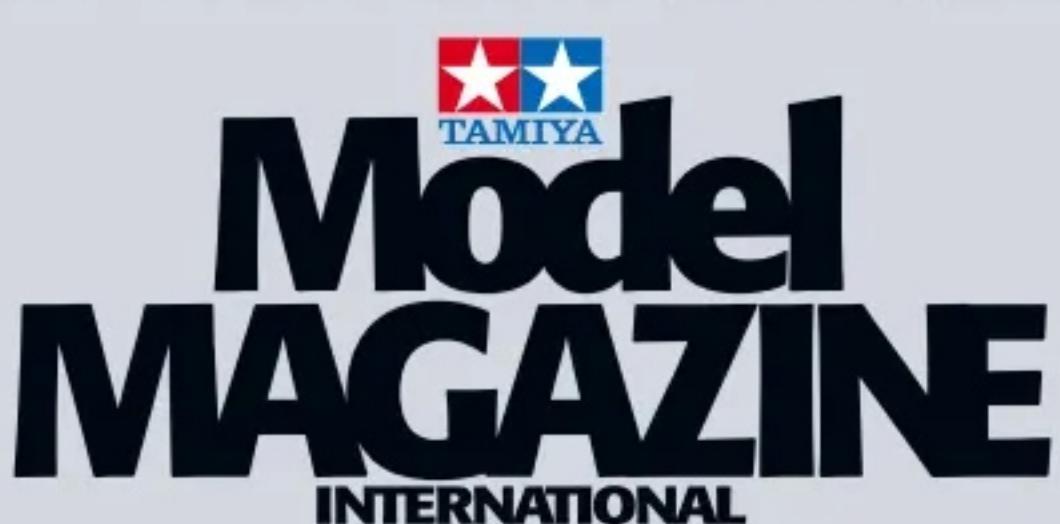
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A FUN MODEL AND NO GLUE NEEDED!

CLICK, AND COLLECT!

Build Army 1:33 Churchill Mk.III (BA2001)

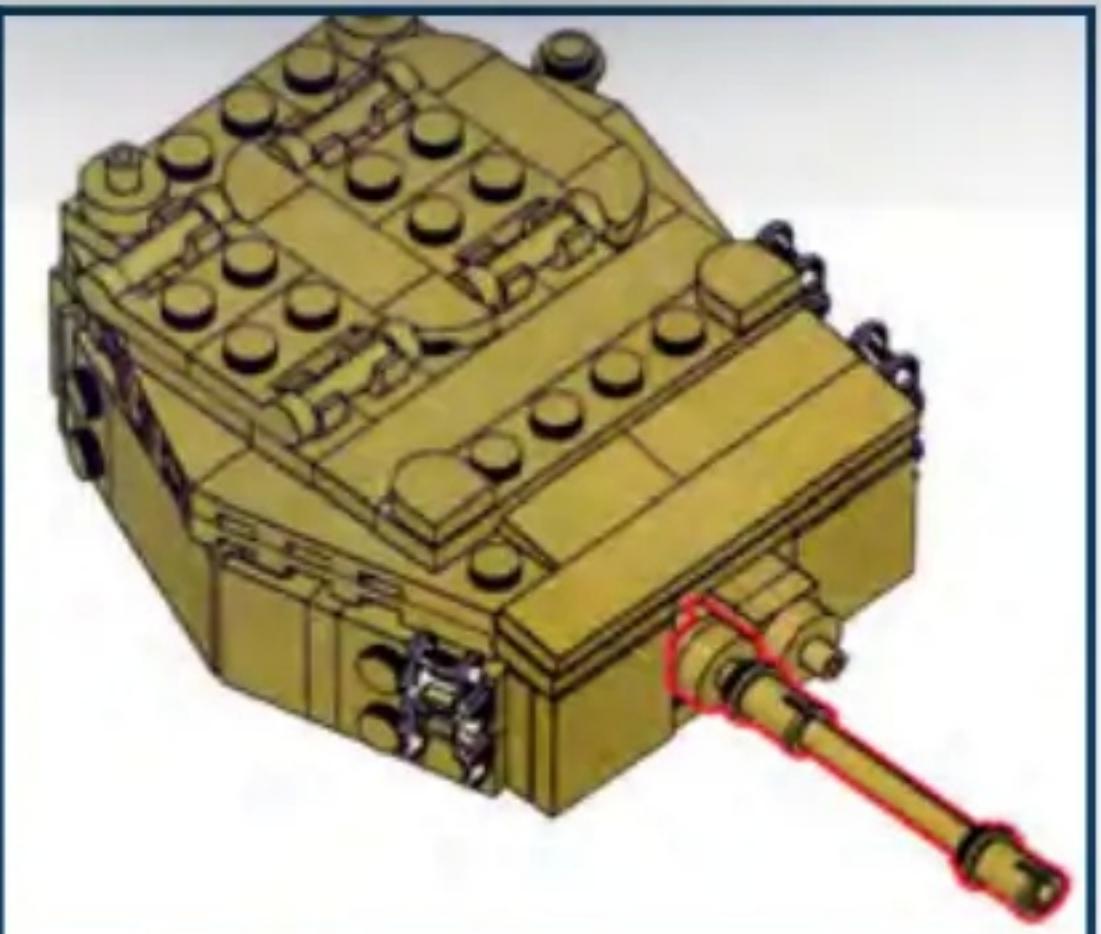
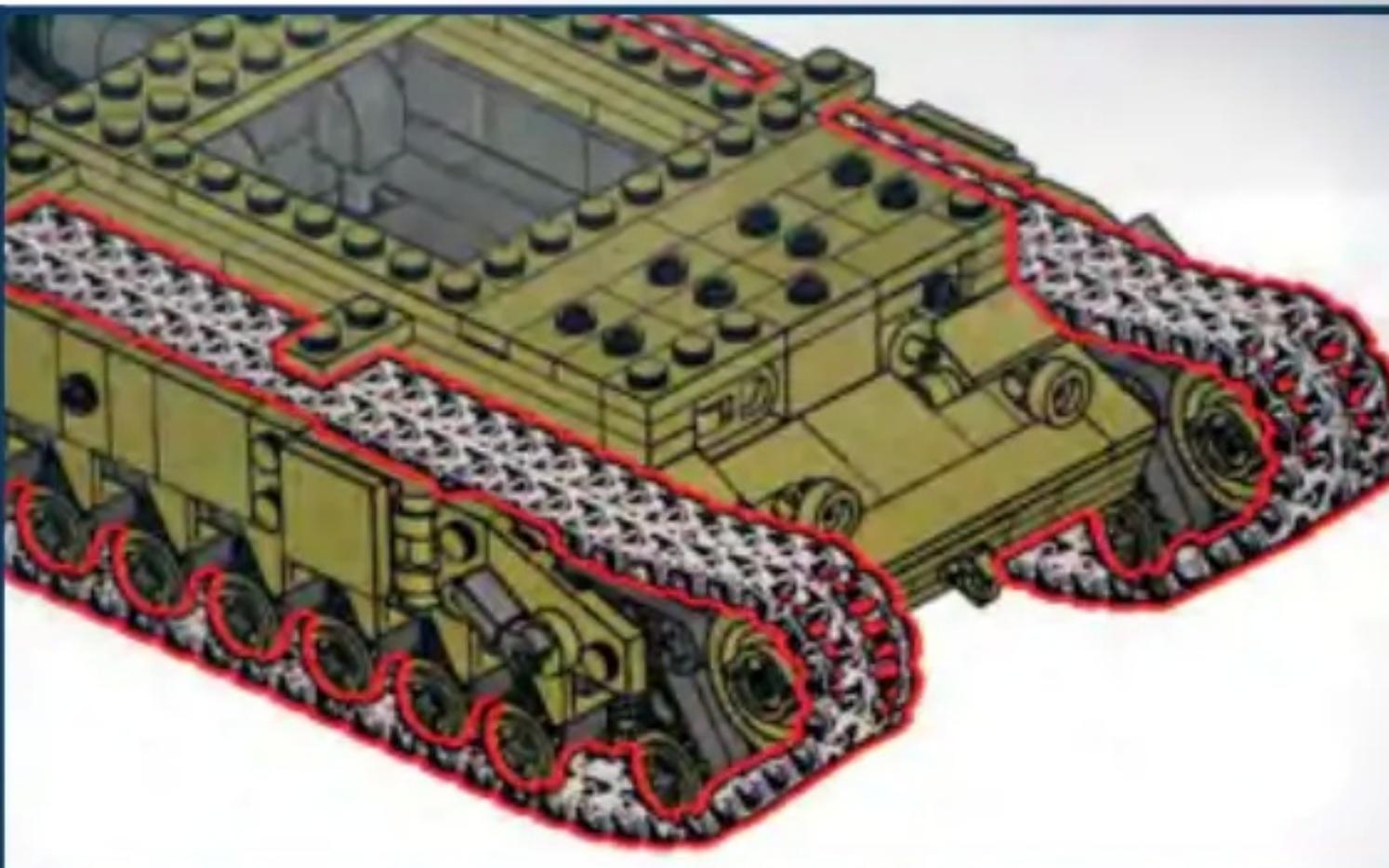
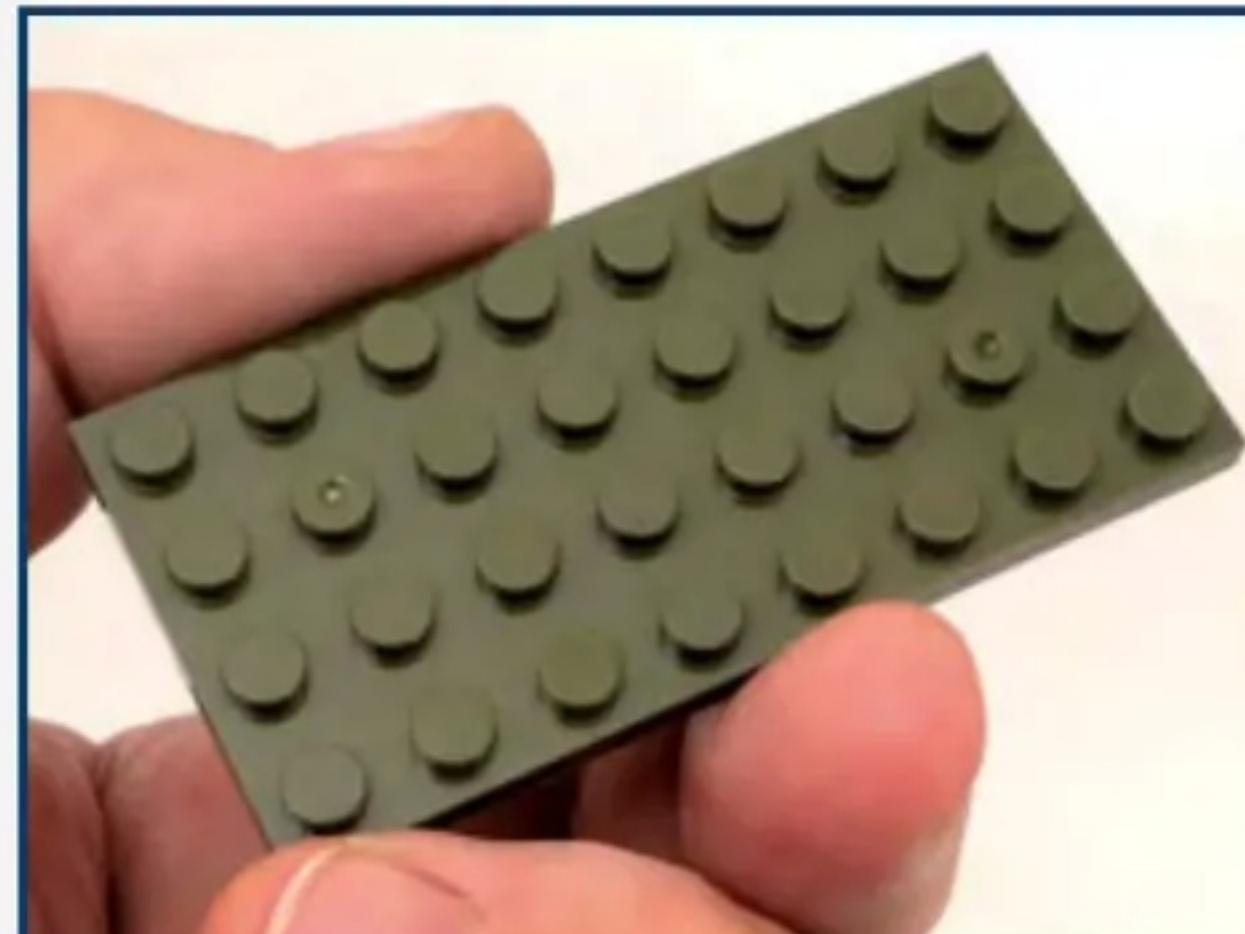
Everyone needs a hobby, away from the serious business of building scale models, right? Well, 'Build Army' have come up with the rather appealing idea of a series of click-together brick models (somewhat akin to the products from a certain Scandinavian company) that, within the limits of such a system, recreates a specific vehicle with a serious effort made to be as 'accurate' as possible. The Hobby Company, Build Army's official British importer and distributor, generously sent us the Churchill Mk.III in the scale of 1:33 for us to check out and as they are also Tamiya's importer and distributor, we knew it would be of high quality. Over 1,300 crisply-moulded parts go into the Churchill and as you can see

from the photos here, it makes an impressively good job of replicating the overall look and main details of the tank. I shall attempt to put this little beauty together, so long as my cats don't get hold of any parts...

Build Army offer a whole range of vehicles (check them out at www.buildarmy.com) and one could build up quite a collection. So, if you fancy a break from cementing your models together, but aren't quite ready to take up knitting just yet, Build Army might have the ideal solution! ●

Availability:

Build Army models are available from good model shops and online. UK import and distribution by The Hobby Company Limited; www.hobbyco.net



EDITOR'S CHOICE

GodHand Nipper Maintenance Oil 5ml

www.airbrushes.com

A simple one this month - oil! If you have taken the plunge and treated yourself to a pair of GodHand's incredible sidecutters (TMMI bench-test coming soon) then you should use the correct lubrication, to ensure they keep snipping to perfection. This little bottle comes with a brush in its lid for precise application.



SPECIAL FEATURE

TAMIYA 1:72 LOCKHEED MARTIN F-35B LIGHTNING II · KIT NO.60793



TAMIYA'S 1:72 F-35B: A LOVELY LITTLE LIGHTNING!

Tamiya's 1:72 F-35B joins the 'Scale Warbird Collection' of fighting aircraft

The Lockheed Martin F-35B Lightning II is operated by the Royal Air Force's famous 617 Squadron 'Dambusters', United States Marine Corps, Italian Navy, Italian Air Force, Royal Australian Air Force, Belgian Air Force, Japan Air Self-Defence Force, and the Republic of Singapore Air Force. The kit encompasses all the astonishing detail and accuracy of its bigger 1:48 cousin, a model that was featured back in Tamiya Model Magazine Issue 339, January 2024.

The new version takes in all the design changes for the B-model, most notably that huge intake door behind the cockpit, the inner face of which is often adorned with the flag of the operating nation. Inside that door, Tamiya have recreated an astonishing amount of detail and the same is true of the '3BSM' (3-Bearing Swivel Module) engine exhaust nozzle that can be positioned in the 'hovering' mode. It is

covered in amazing detail and just needs some creative paint work to bring it to life.

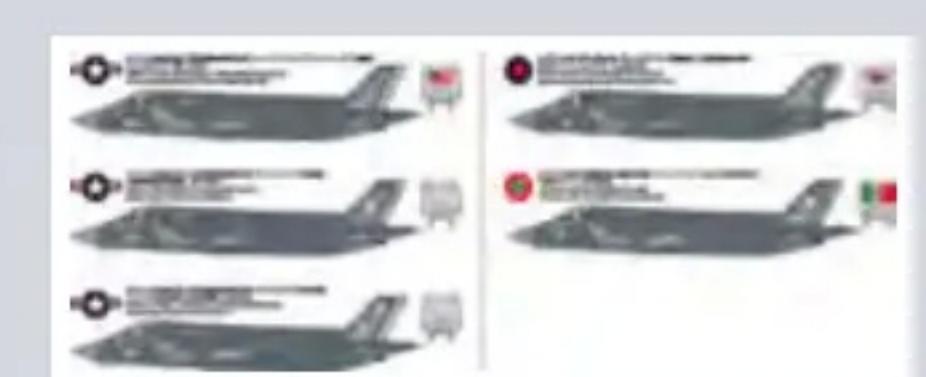
Two modes can be chosen by the modeller: hovering, with open intake door, downward-facing exhaust nozzle, extended undercarriage leg struts and scissor-links, and 'landed' mode, which uses a different set of undercarriage parts in the 'compressed' configuration (with closed scissor-links) to depict the aircraft's weight pressing down on the legs: an important observation by Tamiya's designers. This is another wonderful achievement from Tamiya, and an exquisite replica of this extraordinary fighter and one of the best 1:72 kits ever created. ●

Availability:

Tamiya models, paints, materials and accessories are widely available from good model shops and online. UK import and distribution by The Hobby Company Limited; www.hobbyco.net

Kit features:

- Wingspan: 148mm
- Fuselage length: 215mm
- Distinctive F-35B design featuring both highly advanced stealth characteristics and STOVL is authentically captured in style, with ergonomic parts breakdown
- The modellers can choose one of two assembly modes: landed or hovering
- Realistic renderings of half-open inner weapon bay doors and interior details such as ribs and pipes
- Lift fan is integrated with nose landing gear bay and the variable vane underneath is recreated in detail
- Shorter than on the F-35A, the engine nozzle is recreated by a single part
- The 3BSM (3-Bearing Swivel Module) is faithfully recreated with a specially designed parts breakdown for this kit
- Y-shaped air intake duct for highly advanced stealth characteristics
- Martin-Baker US16E ejection seat
- RCS (Radar Cross Section) enhancers affixed to top and bottom sections during basic training exercises
- Five marking options from a total of three countries: United States Marine Corps, Royal Air Force, Italian Navy
- Includes painting masks and colour painting guide
- Refined recreation of RAM (Radar Absorbent Material)
- Includes AIM-9X Sidewinder x2, AIM-120C AMRAAM x2



1/35
SCALE

Panzerkampfwagen I Ausf.B (Sd.Kfz.101)



A Full Line-Up!

1/35 Military Miniature Series German Tank Panzerkampfwagen I Ausf.B (Item 35388)

All Main German Tanks in One Line-Up

Finally, Tamiya welcomes the Panzerkampfwagen I into the 1/35 Military Miniature Series. 53 years since the release of our Pz.Kpfw. II F/G kit in 1971, all of the main German tanks of WWII are now in our line-up! Based on extensive research of the actual tank, this compact 1/35 scale kit authentically recreates this light tank which - while it had only two machine guns and was 4.4m in length - was a pioneer of German tank design with its innovative welded, sloped sections. Our model's slide molded upper hull and turret feature fine detailing such as rivets and ensure superior assembly. Suspension with distinctive beams is also authentically recreated. How about making dioramas depicting early WWII, or even a collection of models showing German tank evolution from this tank to the Tiger? Either way, you'll want to get your hands on this early Panzer in Tamiya 1/35 scale!

Length: 123mm, width: 60mm.

3 marking options for units in Poland, France and on the Eastern Front.

★Slide molded upper hull and turret feature fine detailing such as rivets and more. ★Choose between open or closed commander's hatch. ★Clear parts are included for headlights.



★Images show assembled and painted kit. ★Product may vary from images shown.

TAMIYA, INC. 3-7ONDAWARA, SURUGA-KU, SHIZUOKA 422-8610 JAPAN

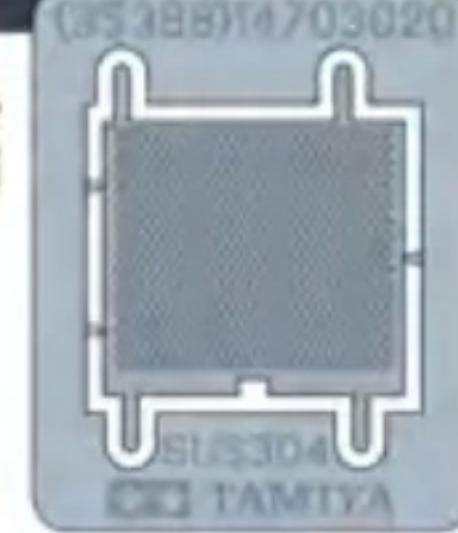
Check Tamiya's homepage for the latest releases! [www.tamiya.com]



Lapel and shoulder insignia decals are included for the commander torso figure. Choose between beret or side cap for the figure.



A jig is included to bend the muffler guard photo-etched part into shape.



Use with German KS600 Motorcycle & Sidecar to make diorama depicting early WWII.



1/35 Military Miniature Series
German KS600 Motorcycle & Sidecar (Item 35384)


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