

Messerschmitt Me109G



HASEGAWA

1/72 SCALE SERIES KIT NO. JS-108
THE GERMAN AIR FORCE FIGHTER PLANE



HISTORY

Since the E model was not absolutely decisive in its superiority against the Spitfire I, Messerschmitt developed an advance high performance F model. A version of the F model, it was mounted with the 1300 horsepower Daimler-Benz DB601E engine. As a high-performance fighter it restored equality in the air battle against the Spitfire V. However, due to its light armament from two 20mm cannons and two 7.9mm machine guns on the E model to one 20mm engine-mounted cannon and two 7.9mm machine guns, it lacked in fire power giving rise to complaints from the pilots. In comparison, the Spitfire VB was heavily armed with two 20mm cannons and four 7.7mm machine guns. In 1941, because the Focke-Wulf FW190 was far from the previous expectation in her commitment to the squadron assignment, further conversions were made on the F model and by mounting the high powered Daimler-Benz DB605 engine it became the G model. The G model differs little externally from the F model. Its weight increased because of the high powered engine, and following the G-5 model the

Completed Model with Mini Box Series

additional armament consisted of one 20mm engine-mounted cannon and two 13mm machine guns. On certain fighters the two 20mm or 30 mm cannons were mounted under the wing in a gondola manner. Though it was obvious that these fighters were unfit for dogfights, in 1943 when the U.S. 8th Air Force B-17 commenced bombing at daylight, the tremendous fire power of the G model proved highly effective against the enemy. However, after the P51 Mustang was committed to escort duties, the G model was of no match and thus the U.S. Air Force took command over the air in Germany. On the Russian front, the G model continued to be active and successful like Hartmann of the 52nd fighter squadron who scored 345 Soviet planes with the G model.

DATA

Crew: 1/ Engine: Daimler-Benz DB605 A-1 V-12-cylinder liquid-cooled engine 1,475PS/ Span: 9.924m/ Length: 9.048m/ Height: 2.60m/ Loaded weight: 3,150kg/ Max. speed: 623km/h/ Armament: 2 x MG131 + 1 x MG151 (engine-mounted cannon)/ Range: 725km Service ceiling: 11,750m

Marking & Color Painting Guide

1 Me109G-5 of Hauptmann Carganico II/JG5



Propeller:
 33 Mat black or
 18 Black green

Tire: 33 Mat black
 Wheel: 2 Black

Gear & Gear cover inside
 61 RLM Gray
 Oleo: 8 Silver

Decal
 Decal
 Decal

★ Top surface on the wings of 1 was painted black green with dark green splinter camouflage. The fuselage in dark green with gradation camouflage and bottom surfaces on the fuselage and wings in light blue.

★ Apply small decals in the same place for both 1 and 2.

2 Me109G6/R6 7/JG27 Wien



6 Green

1 White
 Machine gun:
 28 Black iron

Light gray
 37 Gray 75 + 62 Mat white

A
 62 Mat white

Tire: 33 Mat black
 Strut: 61 RLM Gray

Bottom & Side:
 20 Light blue

Camouflage 17 Dark green

Decal

Auxiliary fuel tank:
 20 Light blue

Spinner:
 2 Black 6 Green

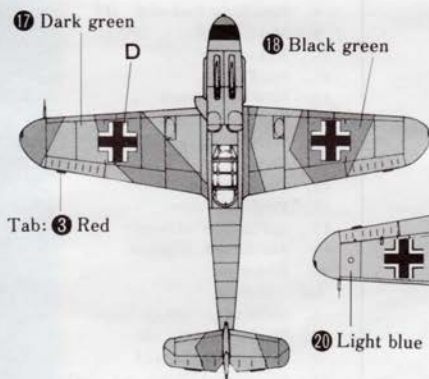
Exhaust pipe:
 80 Burnt iron

37 Gray 75

★ Top surface on the wings of 2 was painted dark gray with medium gray splinter camouflage. The fuselage in medium gray inksots and bottom surfaces on the fuselage and wings in light blue.

★ 40 Field gray fits for dark gray, 37 Gray 75 for medium gray and a compound color of gray 75 and 62 White for light gray.

Top and Bottom Views of 1



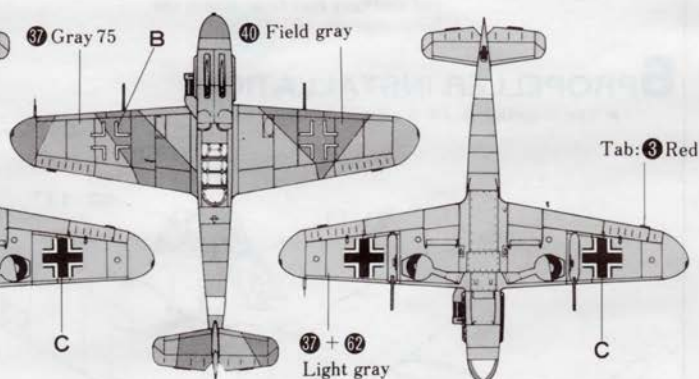
17 Dark green

18 Black green

Tab: 3 Red

20 Light blue

Top and Bottom Views of 2



37 Gray 75

40 Field gray

Tab: 3 Red

37 + 62
 Light gray

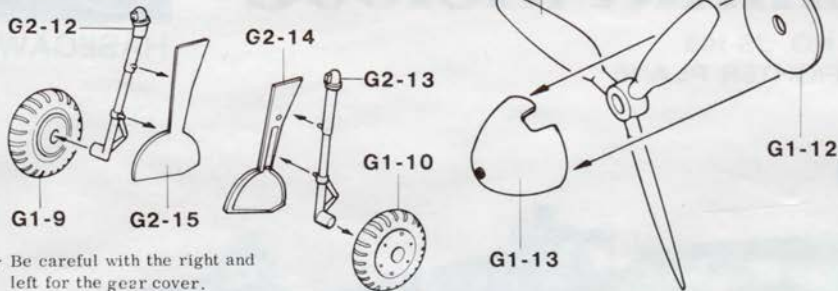
PAINTING

Me 109G painting is in three categories. One, black green with dark green splinter, or light blue with dark green inksots. Two, dark green with medium gray inksots. Rather than the straight splinters, more curve splinters were employed. Three, on the African front it was painted dark yellow or dark yellow with dark green inksots or light blue camouflage.

HOW TO APPLY DECALS

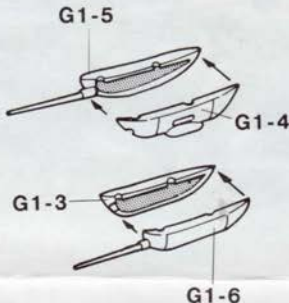
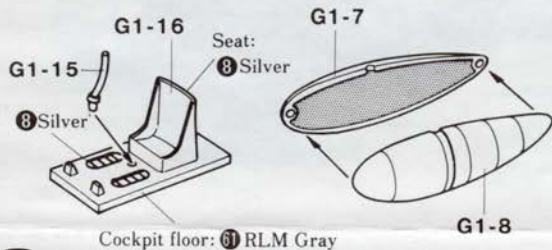
1. Cut out the decal and remove the film covering. Then place in water for 20 seconds.
2. Slide off the decal from the paper and position it at the proper place.
3. Press the transferred decals with a soft cloth and remove the moisture.

1 GEAR & PROPELLER ASSEMBLY G1-20



Do not cement the propeller.

2 PILOT SEAT, AUXILIARY FUEL TANK & MACHINE GUN ASSEMBLY



MESSERSCHMITT ME109G



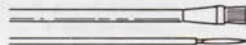
BEFORE ASSEMBLING

- Read these instructions carefully before assembling your model and follow them.
- Do not tear off parts from the stem, but cut them off with nippers or a cutter as shown.



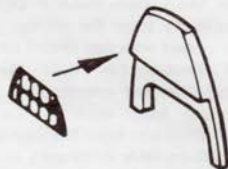
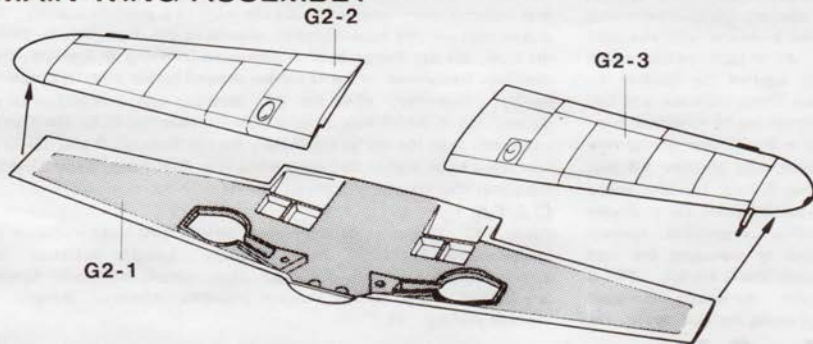
MODEL COLORS

To beautify your model, paint each part. The model colors are numbered from ①-⑥. Use wide brush to paint the wide area and the pointed one for tiny parts.

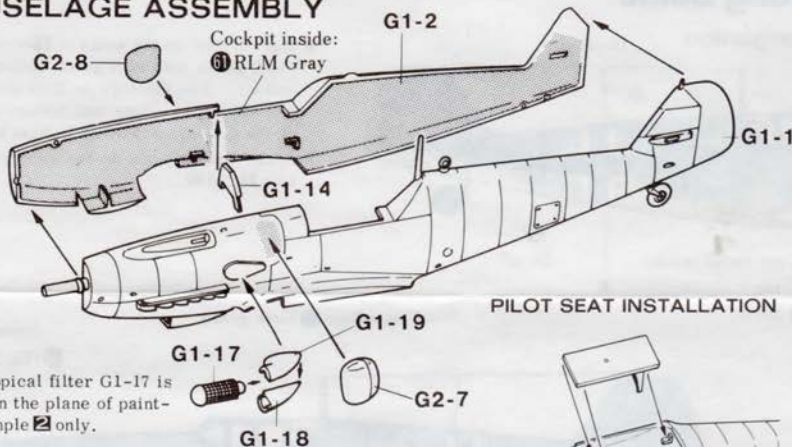


Drawing-1 Cockpit Assembly

3 MAIN WING ASSEMBLY G2-2

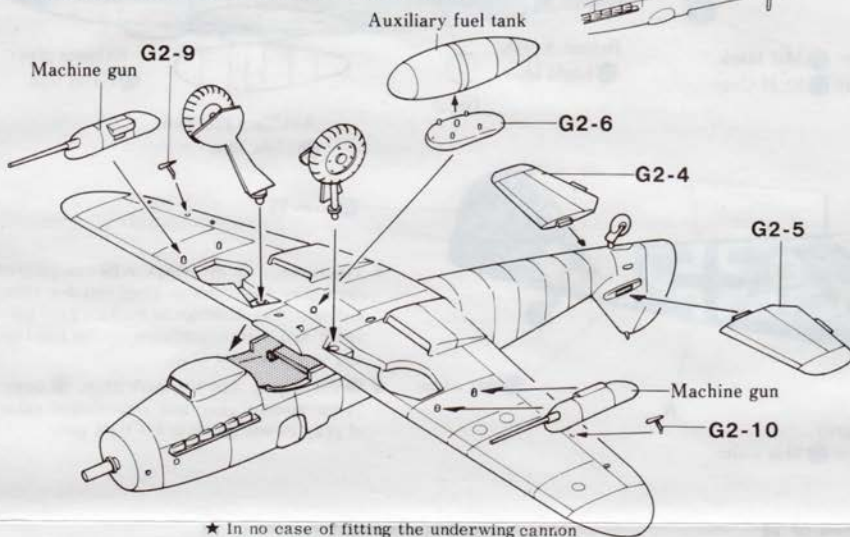


4 FUSELAGE ASSEMBLY



★ The tropical filter G1-17 is fitted on the plane of painting sample ② only.

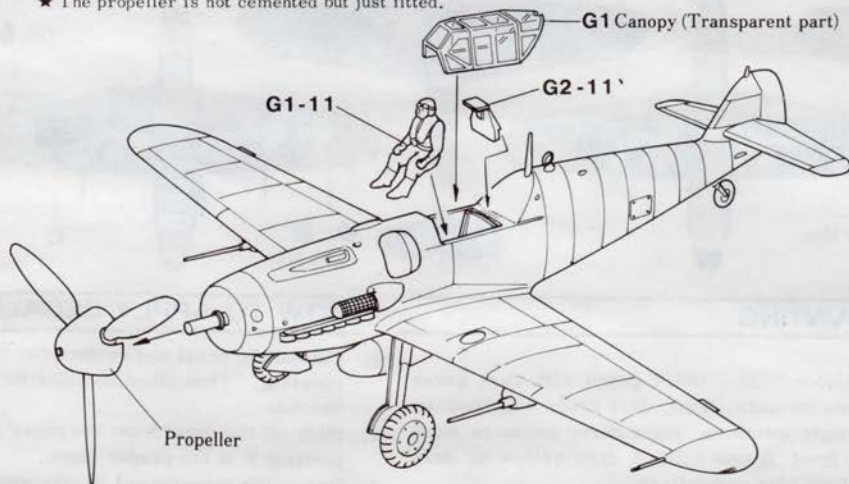
5 MAIN WING INSTALLATION



★ In no case of fitting the underwing cannon and auxiliary fuel tank, shave the projection off.

6 PROPELLER INSTALLATION

★ The propeller is not cemented but just fitted.



★ Apply the decal after painting in ⑥ RLM Gray for the instrument board.

Reference Drawing for Pilot Painting



Reference Drawing for Gear Installation



PARTS NO. & NAMES

- G1
1. Fuselage (L)
 2. Fuselage (R)
 3. Underwing cannon (Inside)
 4. Underwing cannon (Inside)
 5. Underwing cannon (Outside)
 6. Underwing cannon (Outside)
 7. Auxiliary fuel tank (R)
 8. Auxiliary fuel tank (L)
 9. Main wheel
 10. Main wheel
 11. Pilot
 12. Spinner (Rear)
 13. Spinner (Front)
 14. Instrument board
 15. Control stick
 16. Cockpit floor
 17. Tropical filter
 18. Air intake (Lower)
 19. Air intake (Upper)
 20. Propeller
- G2
1. Main wing bottom
 2. Main wing top (R)
 3. Main wing top (L)
 4. Horizontal stabilizer (L)
 5. Horizontal stabilizer (R)
 6. Auxiliary fuel tank stand
 7. Machine gun cover (L)
 8. Machine gun cover (R)
 9. Mass balance
 10. Mass balance
 11. Bulletproof board
 12. Main gear (R)
 13. Main gear (L)
 14. Main gear cover (L)
 15. Main gear cover (R)
- G1 Canopy