

Messerschmitt Me109E

1/72 SCALE SERIES

THE GERMAN AIR FORCE FIGHTER PLANE



HASEGAWA



HISTORY

At the outbreak of World War II, the Messerschmitt Me 109E was recognized as the famous fighter of that time. It was said that the Messerschmitts were present wherever the German Airforce was active and with numerous conversions they served until the cessation of the war. The Me 109E was exhibited to the German Airforce Department as the next competitive fighter, by the Bayerische Flugzeugwerke in 1935. This warplane was accepted and employed as the fighter outrivling the veteran Ar 80, Fw 150 and He 112. In 1936, at the outbreak of the Spanish civil war Germany had committed the so-called Condor legion to Spain, to aid the Nationalist cause with the B and C series. At the beginning the main opponent was the Russian Polikarpov I-15, 16, but it proved to be no match for the Messerschmitts and ultimately Spain was ruled by Franco thanks to superiority in the air. Following the B, C and the D models, the E model was developed with the Daimler-Benz DB601 as engine. In September of 1939, at the outset of World War II, when the German armed forces invaded Poland

the Messerschmitt Me 109Es destroyed the enemy airforce before it could leave the ground, and the French MS406 and Curtis 75A were not competitive. However in August of 1940, during the Battle of Britain the Me 109E-3 and E-4 were sent into the battle to destroy the British air corps. But they met severe counterattack by the Spitfire MK I, II and the Hurricane in the fiery air battle. Ultimately the German airforce was defeated because of her faulty war tactic. However, in this battle 610 Messerschmitts were lost compared to 1030 Spitfires and Hurricanes; these figures give an account of Messerschmitt's superiority. The E model subsequently showed action in the African war front and repeated her superiority in fiery air battles against the Hurricanes and Kittyhawks.

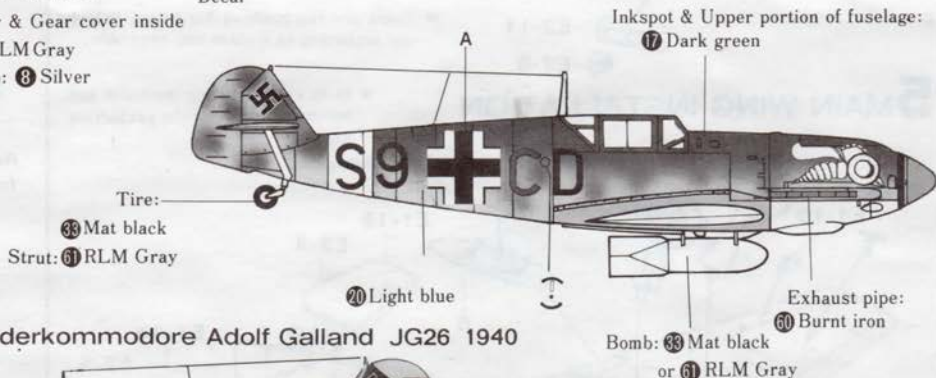
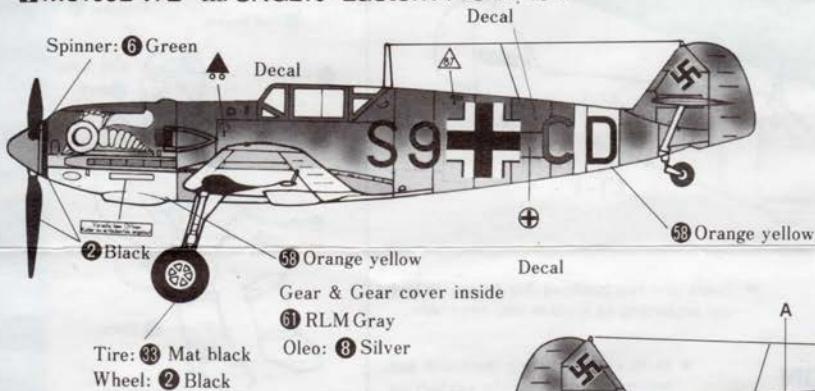
DATA

Crew: 1/ Engine: Daimler-Benz DB601 Aa V-12-cylinder liquid-cooled engine 1,175PS/ Span: 9.90m/ Length: 8.80m/ Height: 2.50m/ Loaded weight: 2,586kg/ Max. speed: 555km/h/ Armament: 2 x MG17 + 2 x MGFF/ Range: 660km

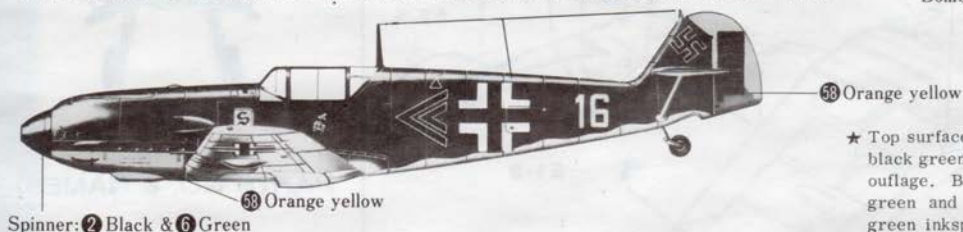
Marking & Color Painting Guide

1 Me109E-7/B III/SKG210 Eastern Front, 1941

- ★ Top surface on the wings of 1 was painted black green with dark green splinter camouflage. The fuselage in dark green with inkspot camouflage and bottom surfaces on the fuselage and wings in light blue.
- ★ Apply small decals in the same place for both 1 and 2.

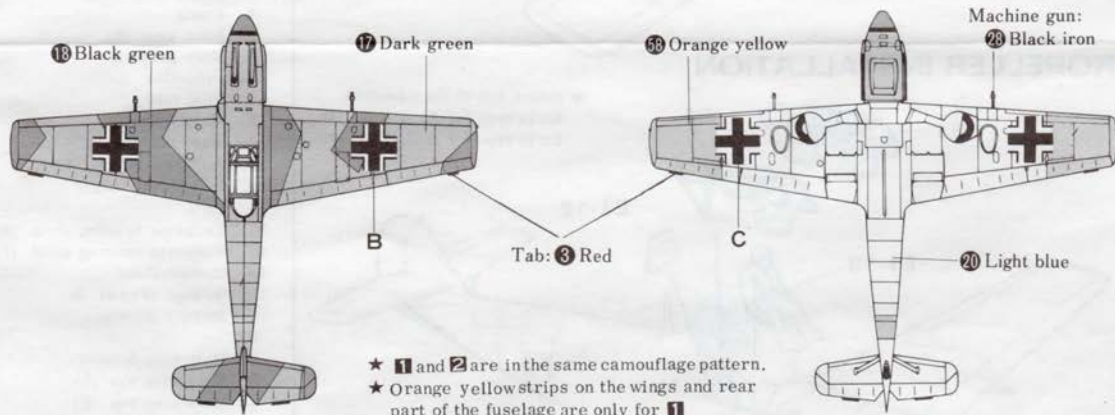


2 Me109E-4 of Geschwaderkommodore Adolf Galland JG26 1940



- ★ Top surface on the wings of 2 was painted black green with dark green splinter camouflage. Back part on the fuselage in dark green and sides in RLM gray with dark green inkspots. Bottom surfaces on the wing and fuselage in light blue.

Top and Bottom Views of 1



- ★ 1 and 2 are in the same camouflage pattern.
- ★ Orange yellow strips on the wings and rear part of the fuselage are only for 1

PAINTING

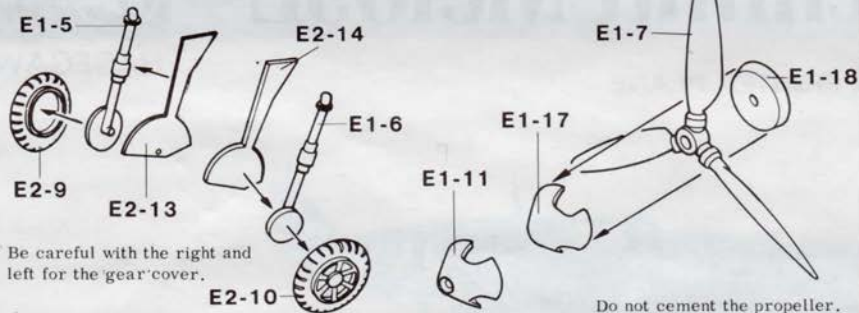
In general, on most of the Me 109E the top surface on the main wing and tail wing was painted black green with dark green splinter camouflage. The top surface on the fuselage was also in dark green. The sides on the fuselage were in dark green or camouflaged in RLM gray inkspots, or both sides and bottom surface in light blue. Other than the above basic colors, on the African war-front the top surface was in dark yellow with dark green inkspots, bottom surface in light blue; this was to simulate the natural environment.

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

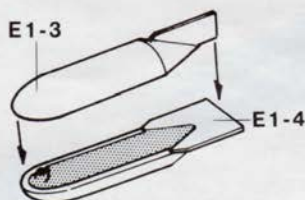
★ Select one of the spinners.



★ Be careful with the right and left for the gear cover.

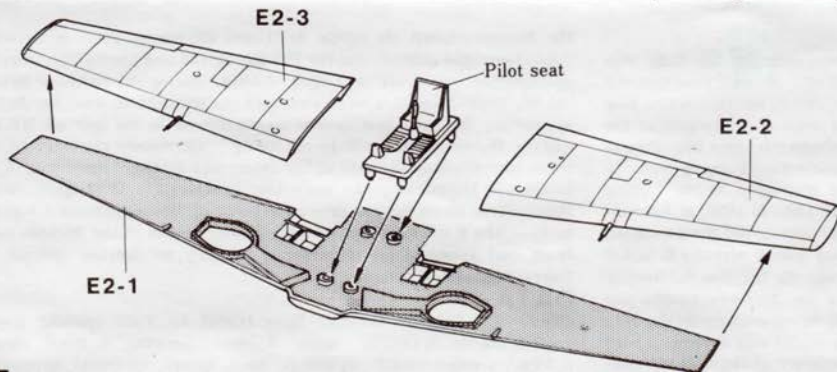
Do not cement the propeller.

2 BOMB & PILOT SEAT ASSEMBLY

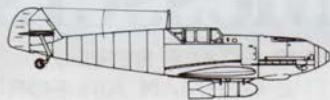


Cockpit floor: ⑩ RLM Gray

3 MAIN WING ASSEMBLY



MESSERSCHMITT ME109E



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.



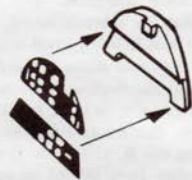
MODEL COLORS

To beautify your model, paint each part. The model colors are numbered from ①-⑩.

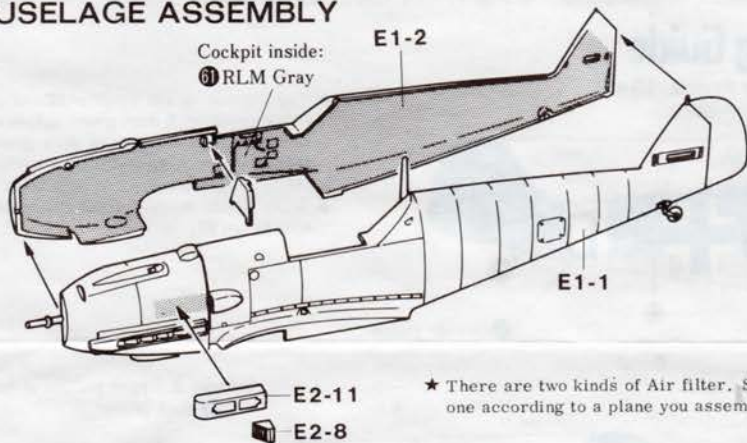
Use wide brush to paint the wide area and the pointed one for tiny parts.



Drawing-1 Cockpit Assembly

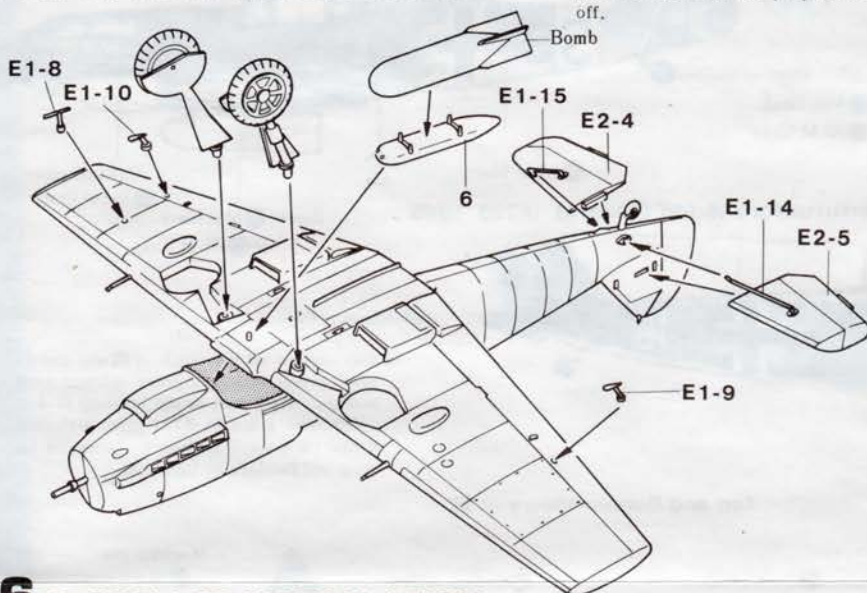


4 FUSELAGE ASSEMBLY



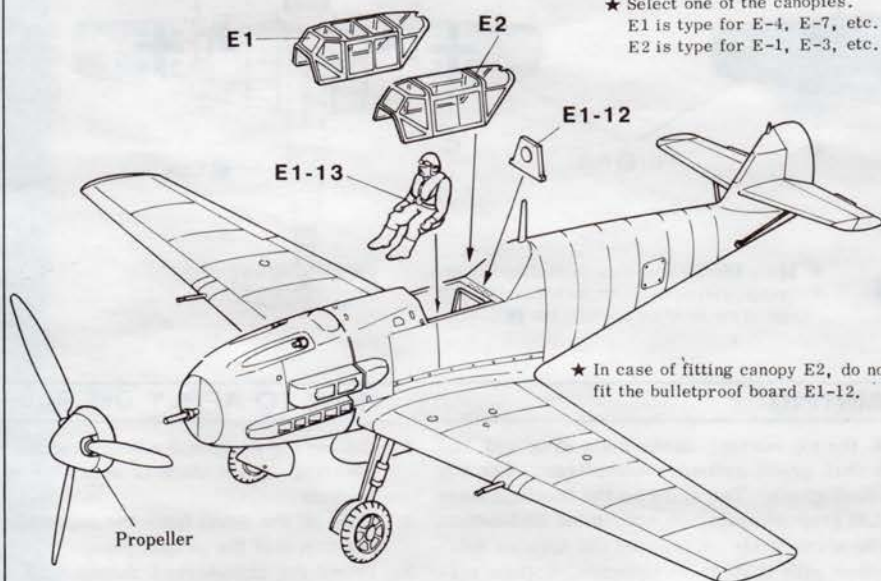
★ There are two kinds of Air filter. Select one according to a plane you assemble.

5 MAIN WING INSTALLATION



★ In no case of fitting the bomb and bomb stand, shave the projection off.

6 PROPELLER INSTALLATION



★ Select one of the canopies.
 E1 is type for E-4, E-7, etc.
 E2 is type for E-1, E-3, etc.

★ In case of fitting canopy E2, do not fit the bulletproof board E1-12.

★ 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

- E1
1. Fuselage (L)
 2. Fuselage (R)
 3. Bomb
 4. Bomb
 5. Main gear (R)
 6. Main gear (L)
 7. Propeller
 8. Pitot tube
 9. Mass balance
 10. Mass balance
 11. Spinner (Front) A
 12. Bulletproof board
 13. Pilot
 14. Tailplane bracing strut (R)
 15. Tailplane bracing strut (L)
 16. Cockpit floor
 17. Spinner (Front) B
 18. Spinner (Rear)
- E2
1. Main wing bottom
 2. Main wing top (L)
 3. Main wing top (R)
 4. Horizontal stabilizer (L)
 5. Horizontal stabilizer (R)
 6. Bomb stand
 7. Instrument board
 8. Air intake A
 9. Main wheel
 10. Main wheel
 11. Air intake B
 12. Control stick
 13. Main gear cover (R)
 14. Main gear cover (L)

E1 Late period type Canopy
 E2 First period type Canopy