

1
72

SCALE SERIES

MESSERSCHMITT

Me 109E

GERMAN AIR FORCE FIGHTER



THE MOST FAMOUS GERMAN FIGHTER WHICH STANDS IN HISTORY WITH THE BRITISH SPITFIRE, THE AMERICAN MUSTANG AND THE JAPANESE MITSUBISHI ZERO. THE DISTINGUISHING FEATURES OF THE ME 109E WAS THE HIGH PERFORMANCE, 1,100 HORSE POWER ENGINE WHICH ENABLED IT TO REACH A MAXIMUM SPEED OF 570 KPH. THESE FEATURES MADE IT POSSIBLE FOR IT TO CONTEST THE BATTLE OF BRITAIN WITH THE BRITISH HURRICANE AND SPITFIRE WITH GREAT SUCCESS.



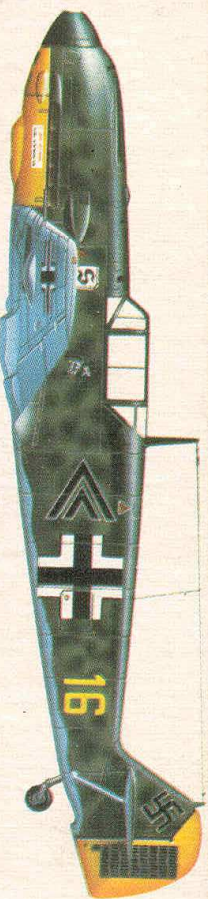
HALES



A
25

Me 109E

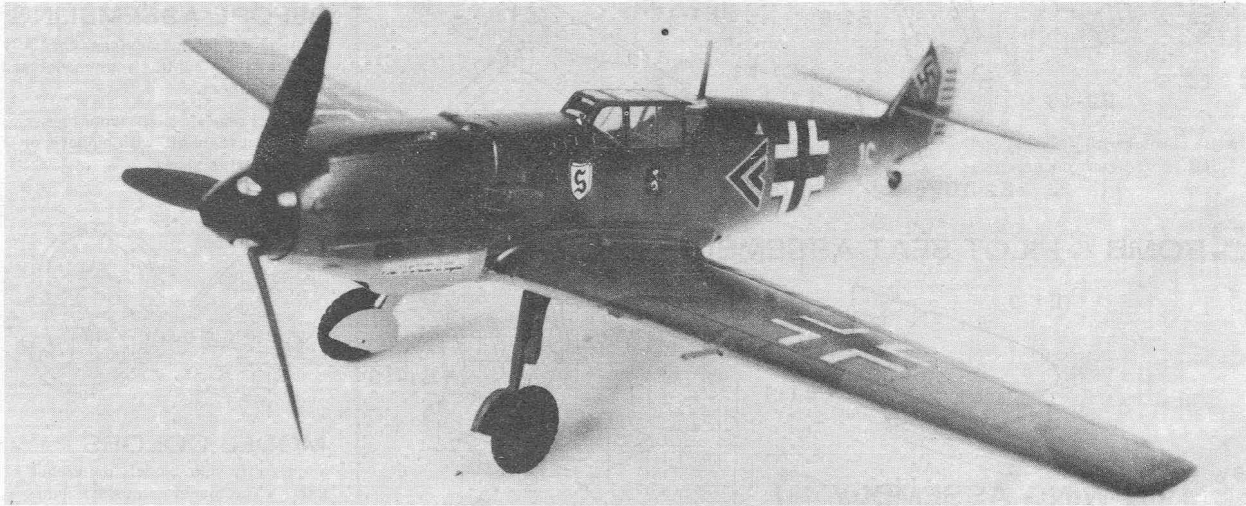
MANUFACTURED BY HASEGAWA SEISAKUSHO CO., LTD. SHIZUOKA, JAPAN



HALES

Messerschmitt Me109E

1/72 SCALE SERIES KIT NO. JS-107
THE GERMAN AIR FORCE FIGHTER PLANE



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 outrivaling 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

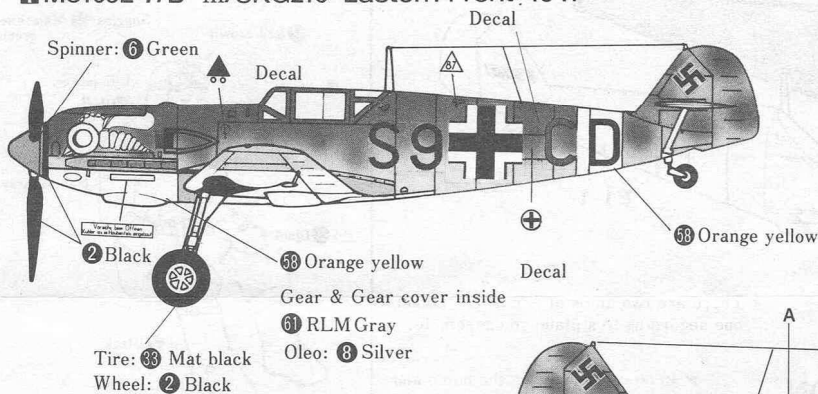
the Messerschmitt Me 109Es destroyed the enemy airforce before it could leave the ground, and the French MS406 and Curtis 75A were not competitive. However in August of 1940, during the Battle of Britain the Me 109E-3 and E-4 were sent into the battle to destroy the British air corps. But they met severe 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

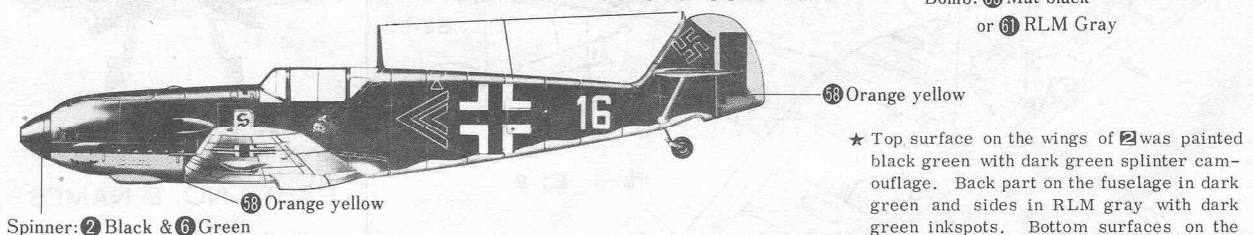
Marking & Color Painting Guide

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



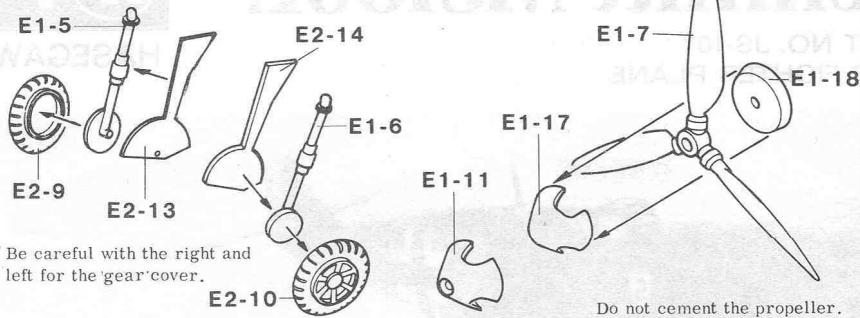
- ★ Top surface on the wings of 2 was painted black green with dark green splinter camouflage. Back part on the fuselage in dark green and sides in RLM gray with dark green inkspots. Bottom surfaces on the wing and fuselage in light blue.

Top and Bottom Views of 1



1 GEAR & PROPELLER ASSEMBLY

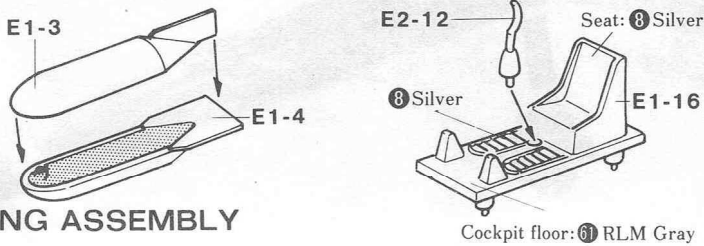
★ Select one of the spinners.



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

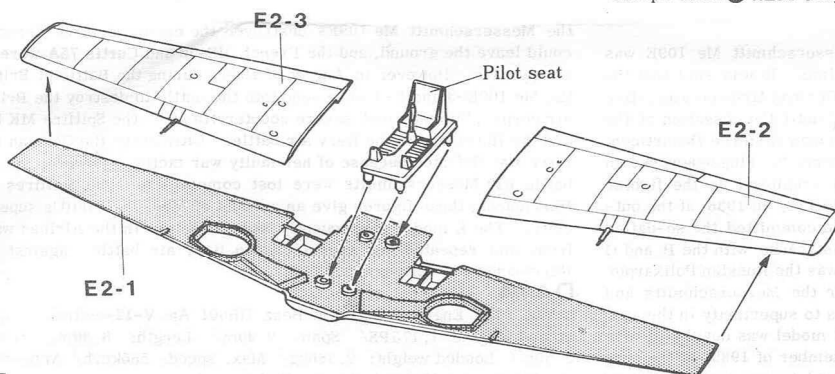
Do not cement the propeller.

2 BOMB & PILOT SEAT ASSEMBLY

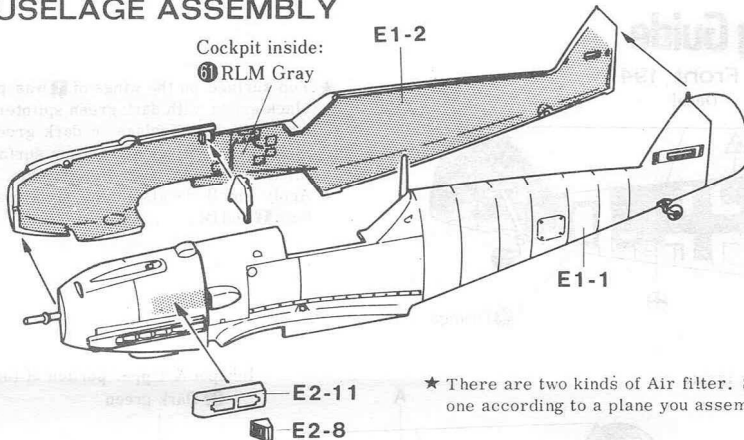


Cockpit floor: ① RLM Gray

3 MAIN WING ASSEMBLY



4 FUSELAGE ASSEMBLY

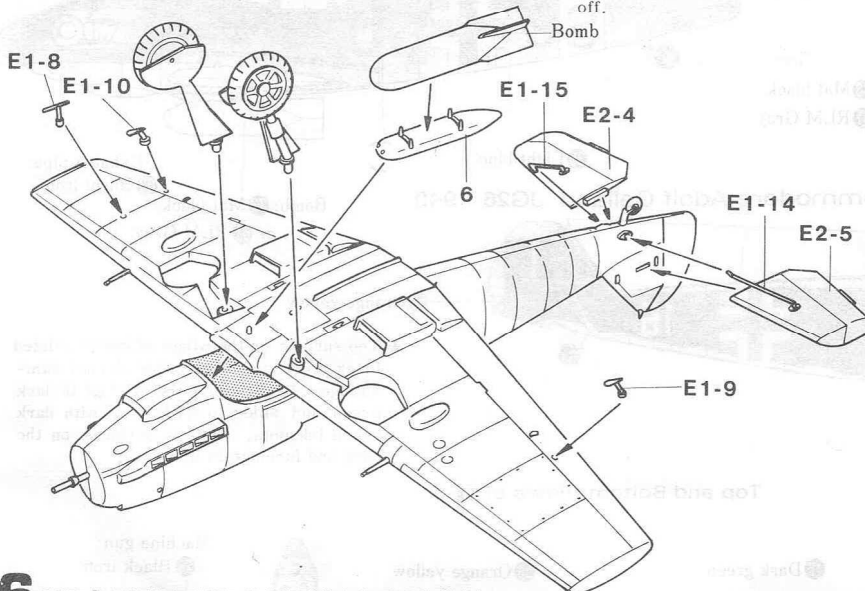


Cockpit inside:
⑥ RLM Gray

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

5 MAIN WING INSTALLATION

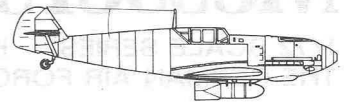
★ In no case of fitting the bomb and bomb stand, shave the projection off.



6 PROPELLER INSTALLATION

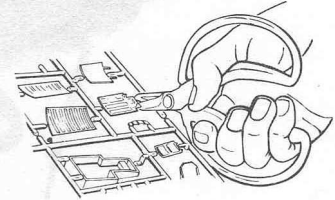
★ Select one of the canopies.
E1 is for E-4, E-7, etc.

MESSERSCHMITT ME109E



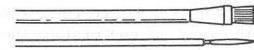
BEFORE ASSEMBLING

- 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.

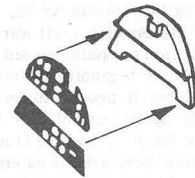


MODEL COLORS

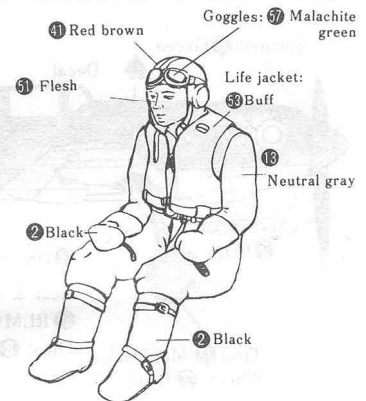
To beautify your model, paint each part. The model colors are numbered from ①~⑫. Use wide brush to paint the wide area and the pointed one for tiny parts.



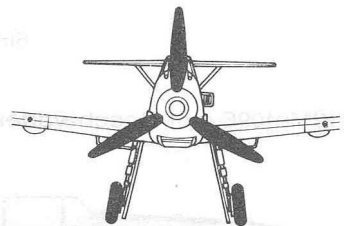
Drawing-1 Cockpit Assembly



★ Apply the decal after painting in ⑥ RLM Gray for the instrument board.
Reference Drawing for Pilot Painting

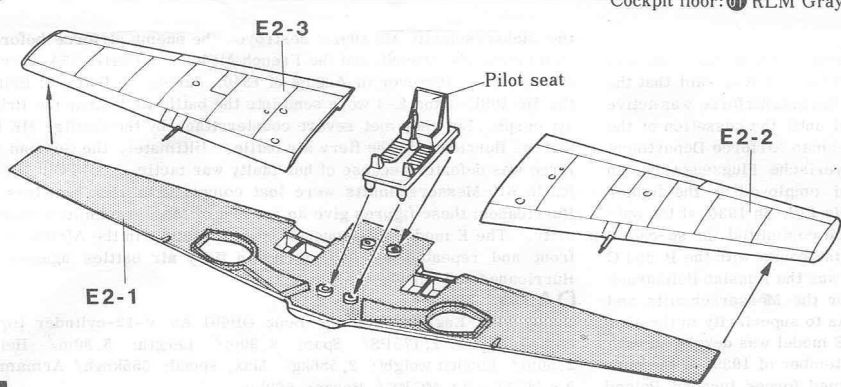


Reference Drawing for Gear Installation

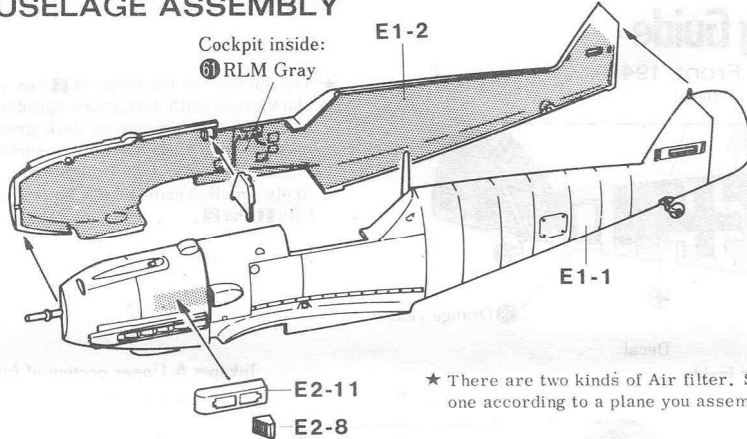


PARTS NO. & NAMES

- 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. Main gear
- 10. Bomb
- 11. Bomb
- 12. Bomb

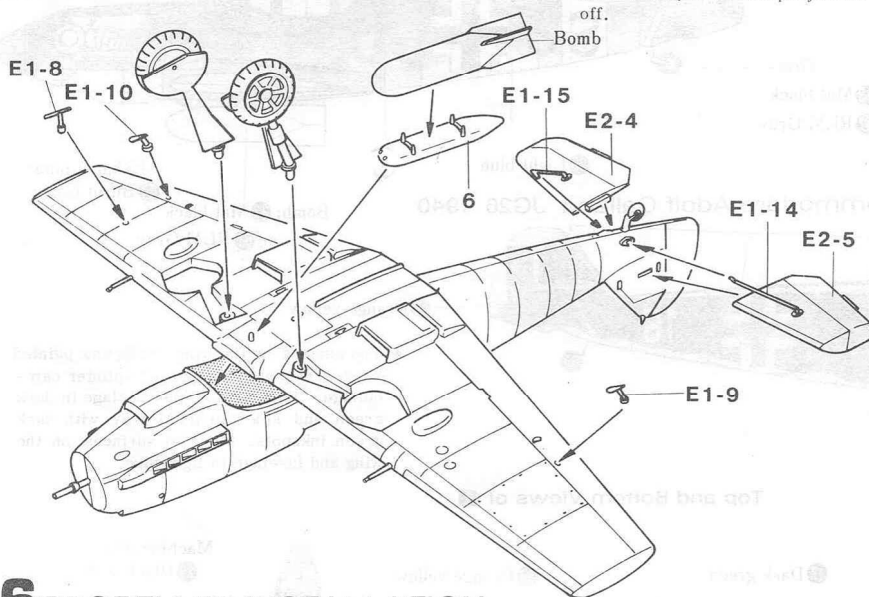


4 FUSELAGE ASSEMBLY



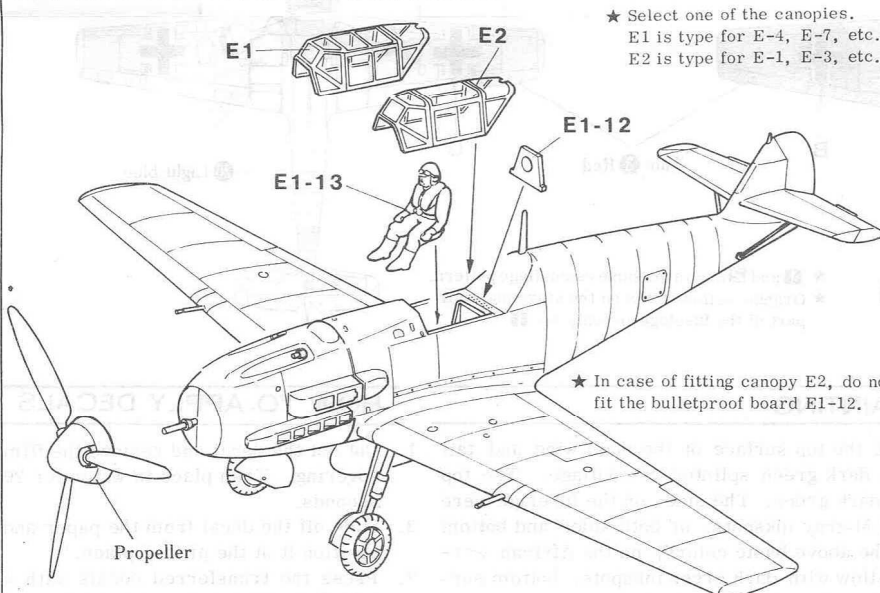
★ There are two kinds of Air filter. Select one according to a plane you assemble.

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.

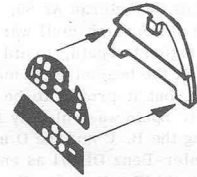
★ In case of fitting canopy E2, do not fit the bulletproof board E1-12.

★ The propeller is not cemented but just fitted.

bered from ①-②. Use wide brush to paint the wide area and the pointed one for tiny parts.



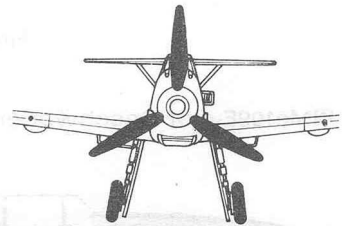
Drawing-1 Cockpit Assembly



★ Apply the decal after painting in ① 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