

Messerschmitt Bf 109E

107
1/72 SCALE



MESSERSCHMITT Bf 109E HISTORY

The Messerschmitt Bf 109 is truly symbolic of Germany's participation in World War II. Its design was an advancement beyond the standard fighters of its day; it was versatile, liked by its pilots and respected by its opponents. There were more Messerschmitt Bf 109's built than any other combat plane in the history of aviation.

The Bf 109 was conceived by the German designer Willy Messerschmitt, and the prototype first flew in September 1935. When shown to the pilots who were to fly the new fighter in the Luftwaffe, the Bf 109 met considerable opposition because of its advanced features, such as the enclosed cockpit and retractable landing gear, to say nothing about its monoplane design. However, as production increased and the pilots became familiar with the remarkable abilities of their machines, the Messerschmitt fighter became a favored mount.

The Bf 109E was the first major production version and entered the Luftwaffe in February, 1939. This version of the 109 was the primary German fighter during the Battle of Britain and accounted for the destruction of most of the 1,172 British fighters lost during that famous battle.

CHARACTERISTICS:

DIMENSIONS: Wingspan 32 feet 4½ inches, length 28 feet 4½ inches.

POWERPLANT: One Daimler-Benz DB601A 12 cylinder liquid-cooled engine with 1,175 hp.

MAXIMUM SPEED: 348 mph at 14,500 feet.

ARMAMENT: Two 20 mm Oerlikon MG FF cannon in the wings, two 7.9 mm MG 17 machine guns in the nose; some versions carried a 20 mm cannon in the nose firing through the propeller hub.



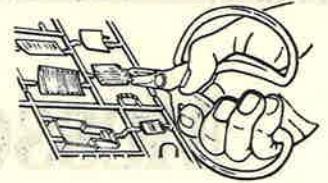
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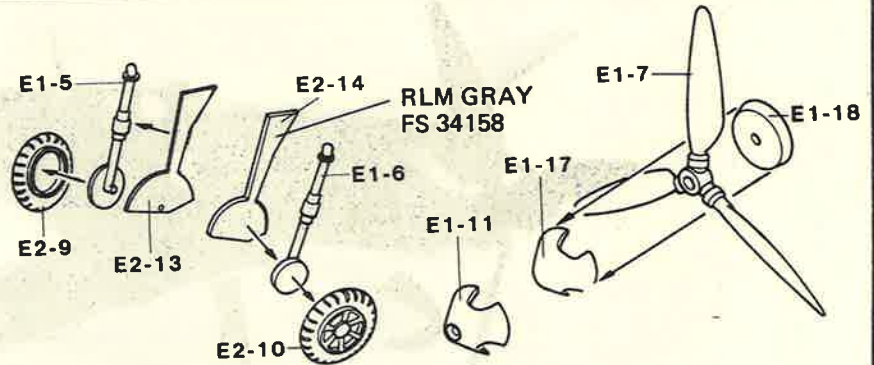
TORRANCE, CALIFORNIA 90501

BEFORE ASSEMBLING YOUR KIT

Read these instructions carefully before assembling your model and check the exact fit of the parts before cementing. Clean off excess plastic, if any, with a sharp knife or a file. Since many tiny parts are included, check them with the assembly drawing before assembling. Do not tear off parts from the stem, but cut them off carefully with a knife or clippers. Do not cut off all of the parts at the beginning, but cut each part to be assembled, one by one, to assure each part being properly identified. Do not use too much cement since surplus adhesive can spoil the finish.

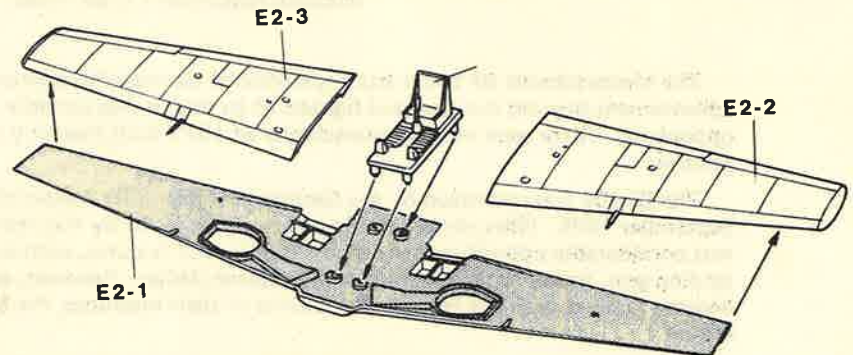


- 1** Cement E2-9 to E1-5 then cement E2-13 to E2-5 for right landing gear. Repeat for left gear with E2-10, E1-6 and E2-14. Note that there are two spinners. If you wish to build the Bf 109E-4, use E1-11. For the Bf 109E-7 use E1-17. Cement the desired spinner to E1-7 then cement E1-18 to rear of propeller.

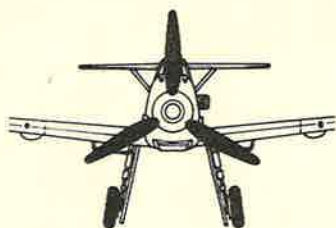
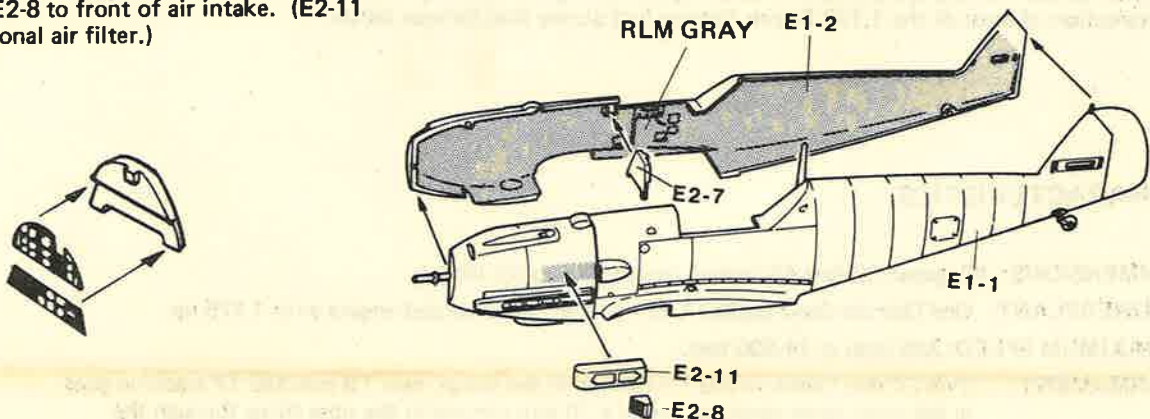


- 2**
-
- Cement E1-3 to E1-4.
Cement E2-12 to E1-16.

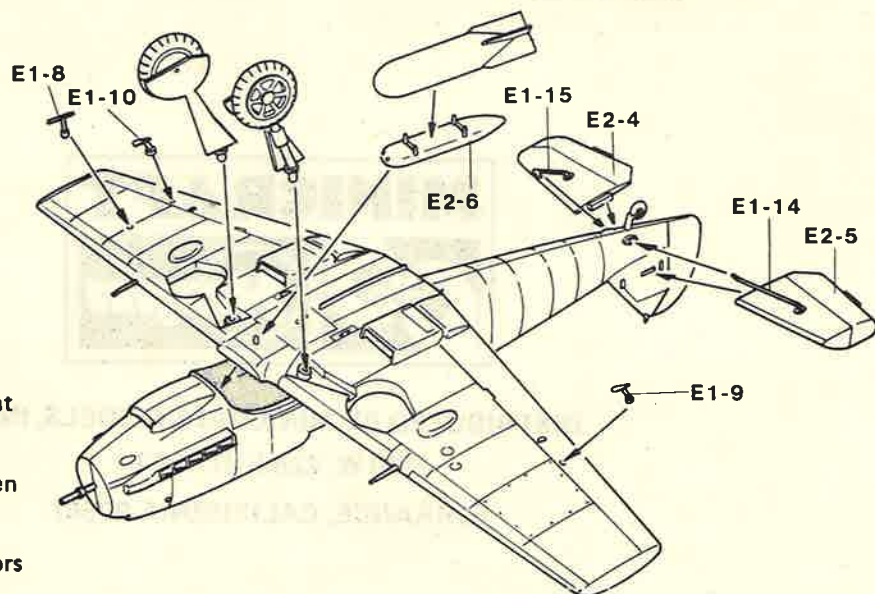
- 3** Cement cockpit assembly to center of E2-1 then cement E2-2 and E2-3 to E2-1 as shown.

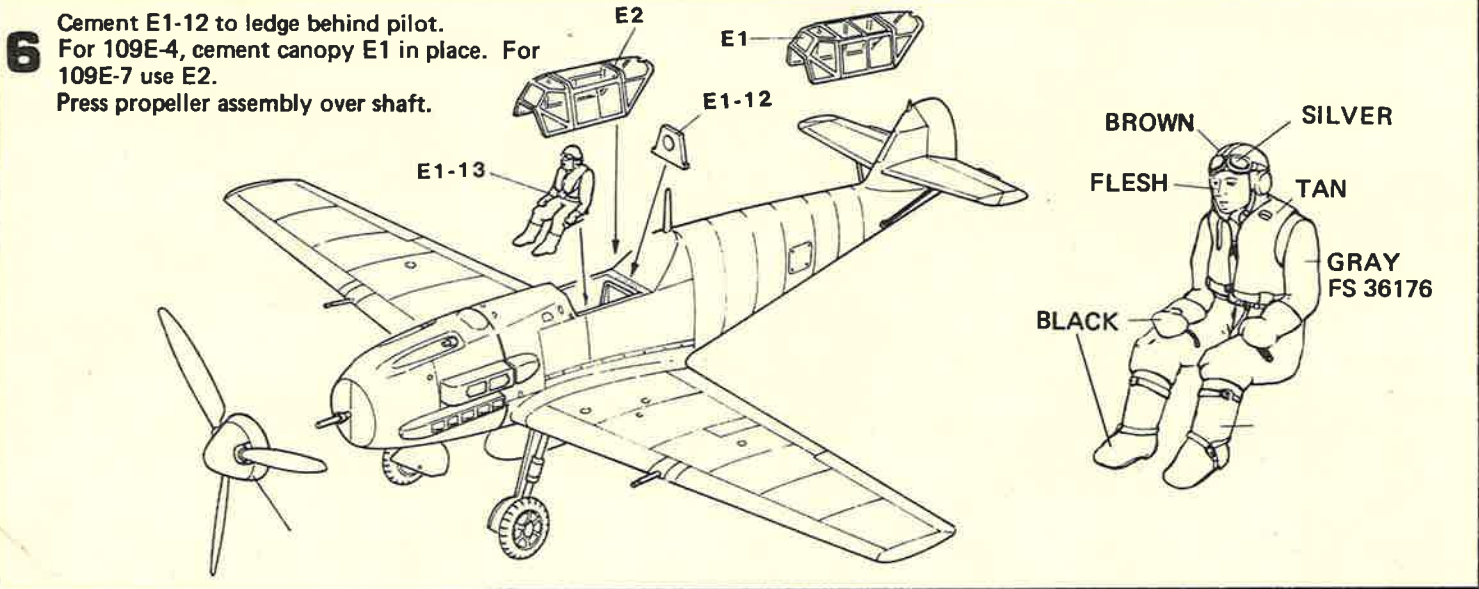


- 4** Apply decal instrument panel to E2-7 then cement to E1-2. Cement E1-1 to E1-2. Cement E2-8 to front of air intake. (E2-11 is an optional air filter.)



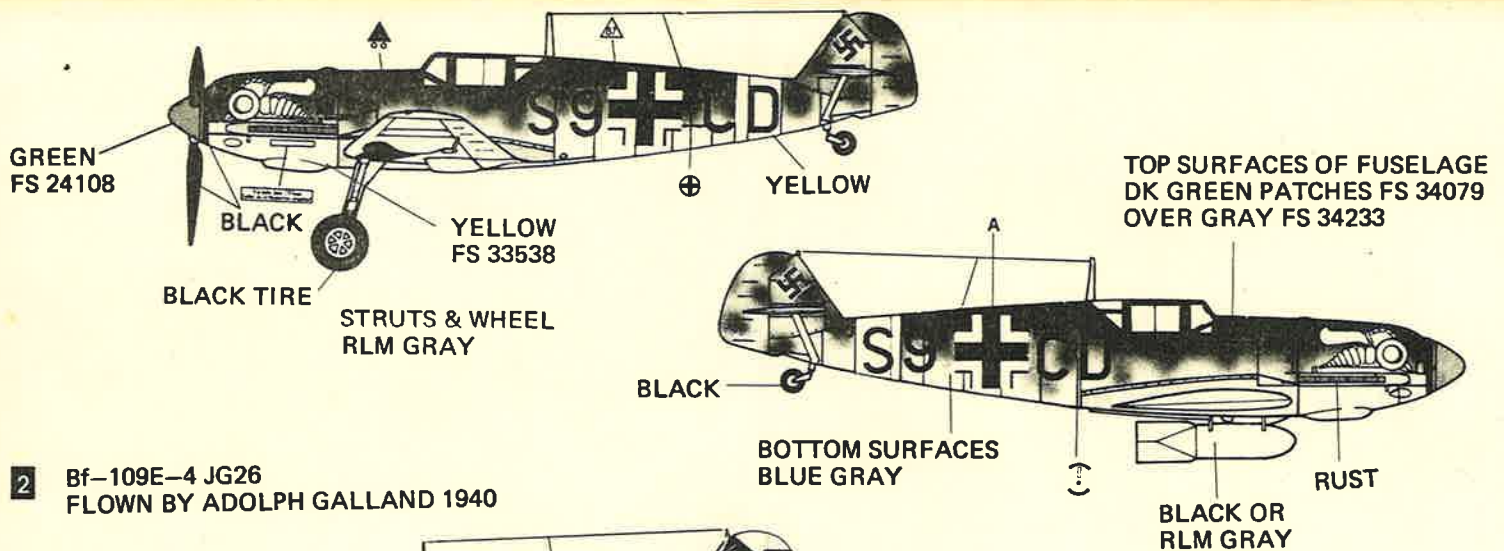
- 5** Cement wing and fuselage assemblies together. Cement E2-4 and E2-5 to tail then cement E1-14 and E1-15 between stabilizers and fuselage. Cement E2-6 to wing center as shown then cement bomb assembly to E2-6. Cement landing gear into wheel wells. Cement E1-8, E1-9 and E1-10 into locators on bottom of wing.



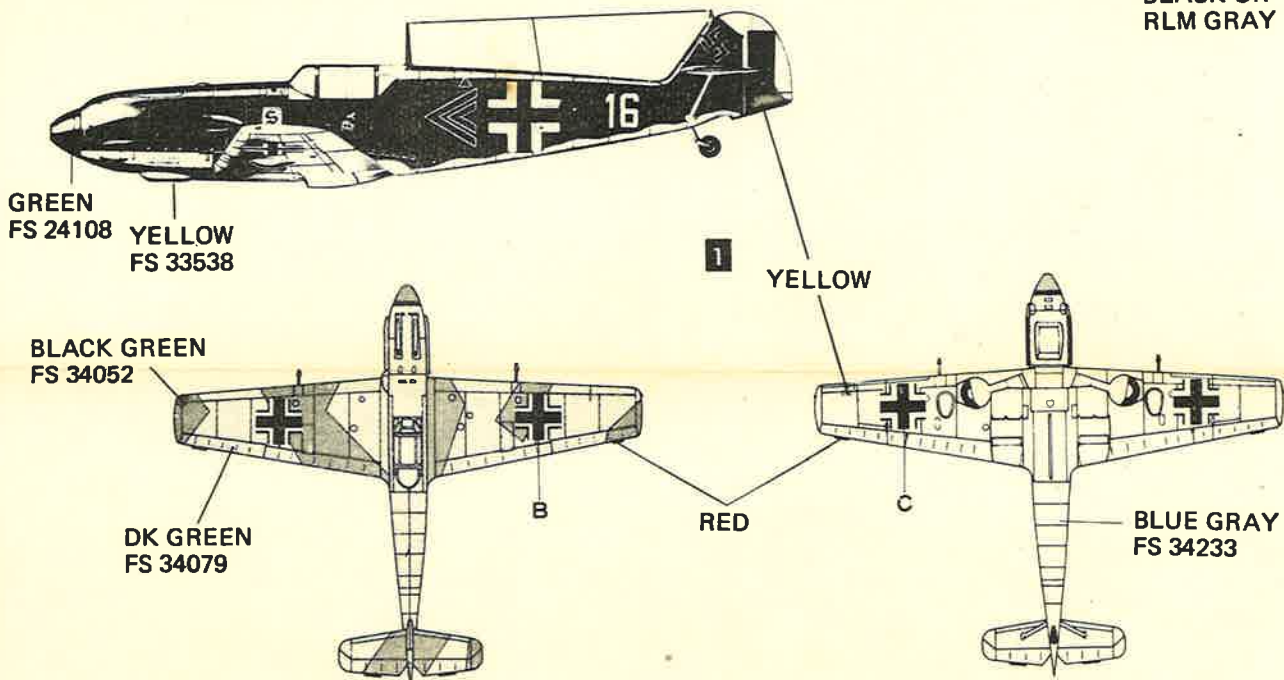


Marking & Color Painting Guide

1 Bf-109E-7/8 111/SKG210
CENTRAL SECTOR OF THE EAST FRONT 1941.



2 Bf-109E-4 JG26
FLOWN BY ADOLPH GALLAND 1940



E1 PARTS

- | | |
|------------------------|--------------------------|
| 1. Fuselage half (R) | 10. Aileron balance (L) |
| 2. Fuselage half (L) | 11. Spinner (109E-4) |
| 3. Bomb half | 12. Control column |
| 4. Bomb half | 13. Gear door (R) |
| 5. Gear strut (R) | 14. Stabilizer strut (R) |
| 6. Gear strut (L) | 15. Stabilizer strut (L) |
| 7. Propeller | 16. Cockpit interior |
| 8. Pitot tube | 17. Spinner (109E-7) |
| 9. Aileron balance (R) | 18. Propeller backplate |

E2 PARTS

- | | |
|---------------------|-------------------|
| 1. Wing bottom | 10. Wheel (L) |
| 2. Wing top (L) | 11. Intake filter |
| 3. Wing top (R) | 12. Armor plate |
| 4. Stabilizer (L) | 13. Pilot |
| 5. Stabilizer (R) | 14. Gear door (L) |
| 6. Bomb rack | Clear Canopies |
| 7. Instrument panel | E1. Bf 109E-4 |
| 8. Air intake front | E2. Bf 109E-7 |
| 9. Wheel (R) | |