

PLEASE OPEN CAREFULLY — INSTRUCTIONS OVERLEAF

The German Tiger, a 56-ton heavy tank, was first used in Russia in 1942 and appeared in North Africa in January, 1943. Prior to its first action in Tunisia the Tiger was reported to be an "invincible monster," proof against any type of anti-tank weapon.

Armed with an early model of the 88 mm. gun and heavily armoured in front, the Tiger was undoubtedly the most powerful tank of the period but its battle try-out was a disappointment to the Germans. The Tiger suffered from a chronic lack of mechanical reliability, coupled with the disadvantages of its size and weight and, above all, it was not invincible; the first Tiger to be knocked out was destroyed by the comparatively small 6-pounder.

As with the Panther, the Tiger shows the influence of Russian tanks on German design, having a long powerful gun, heavy frontal armour augmented by the fitting of spare tracks, exceptionally wide tracks suitable for snow or soft terrain and the ability to wade up to 13 ft.

The Tiger weighed 56 tons (62 tons in action) and was powered by a 600 h.p. Maybach V-12 engine giving a maximum speed of 18—20 m.p.h. Armament consisted of one 88 mm. KwK 36 gun and two 7.92 mm. machine guns, one mounted co-axially in the turret and one in the hull. Armour thickness varied from 26 to 102 mm. Overall length, excluding gun, was 20 ft. 7 ins., width 12 ft. 2 ins. and height 9 ft. 4 ins.

NOTE.—This model tank is designed to the same scale as the Airfix HO and OO scale Figures and is especially suitable for use in conjunction with these as well as with the Airfix Trackside and Rolling Stock series.

Pz. Kw. VI TIGER I



AIRFIX-OO SCALE
Pz. Kw. VI TIGER

AIRFIX CONSTRUCTION KIT

MK VI "TIGER" I TANK

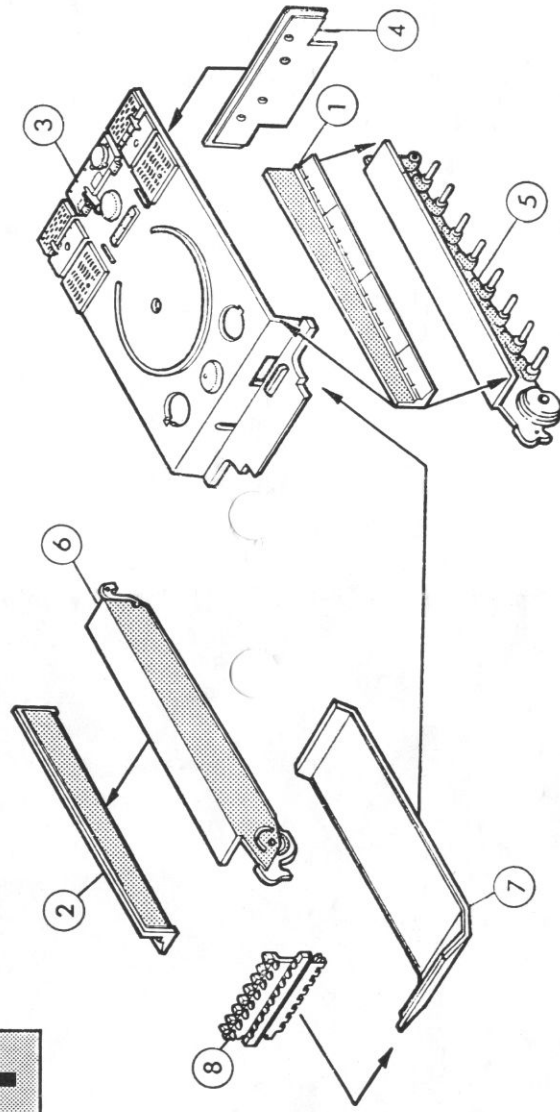
ALL AIRFIX FIGHTING VEHICLE CONSTRUCTION KITS ARE MADE TO A CONSTANT OO (4 MM. TO THE FOOT) SCALE.

INSTRUCTIONS

PAINTE ALL DETAILS AND LET DRY BEFORE ASSEMBLING (SEE SECTION 4)
N.B. FOR PAINTING USE "AIRFIX" PAINTS, FOR FIXING USE "AIRFIX" POLYSTYRENE CEMENT

1

HULL ASSEMBLY



It is recommended that the instructions and exploded view are studied, and that the assembly is practised before cementing together. It is suggested that small parts such as bogies and hatch covers are painted before assembly.

1. Locate and cement ribs on upper hull side panels to either side of hull top, narrow end to front of hull and flush with hull top (1-3).
2. Locate and cement locating ribs on rear hull panel between hull side panels and flush with hull top (4).

3. Locate and cement lower hull side panels onto locating ribs beneath upper hull panels, front fitting small steps in hull front, and rear flush against sides of large cutaways in rear panel (5, 6).

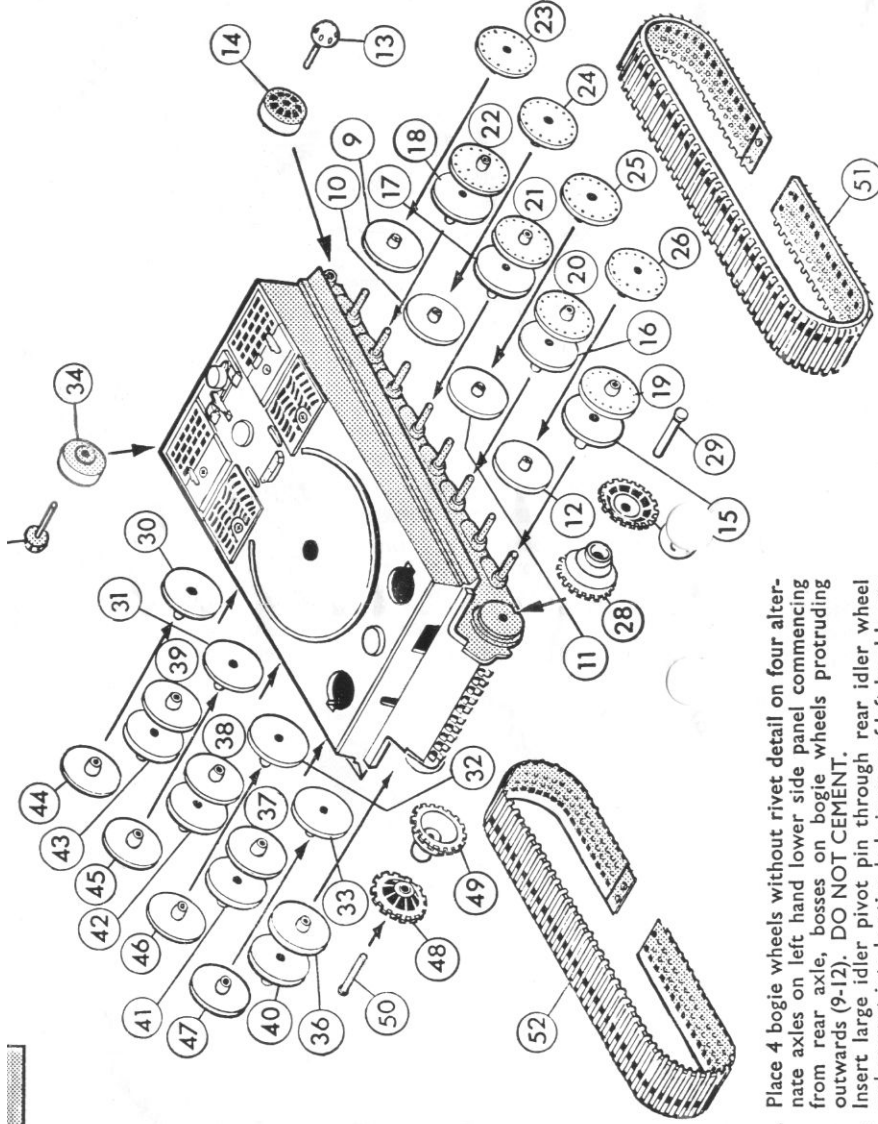
4. Locate and cement hull bottom to locating ribs beneath lower hull side panels, front against hull top and between angled ribs in inner bogie detail, rear to rear hull panel (7).

5. Position and cement spare track links to angled front of hull bottom and top flush with hull top (8). NOTE bar on front is nearer bottom.

2

BOGIE AND TRACK ASSEMBLY

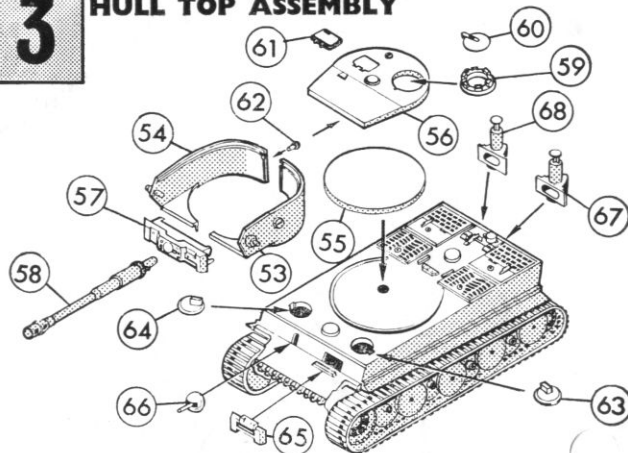
35



6. Place 4 bogie wheels without rivet detail on four alternate axles on left hand lower side panel commencing from rear axle, bosses on bogie wheels protruding outwards (9-12). DO NOT CEMENT.
7. Insert large idler pivot pin through rear idler wheel and cement into locating hole in rear of left hand lower hull side panel applying a drop of cement only to inside of hole. ENSURE NO CEMENT COMES INTO CONTACT WITH IDLER (13, 14).
8. Commencing from front axle place four bogie wheels without rivet detail on alternate axles, bosses on bogie wheels to inside (15-18). DO NOT CEMENT.
9. Again from front axle, place four bogie wheels with rivet detail and protruding bosses on same side on alternate axles, rivet detail and bosses, protruding outwards, secure by applying a drop of cement only to axle ends (19-22).
10. Finally place four bogie wheels with rivet detail on front and bosses to rear, on alternate axles commencing from rear, secure by applying a drop of cement only to axle ends (23, 26).
11. Cement outer and inner driving sprockets together, apply a drop of cement only to inside of locating hole in front of lower hull side panel, slide inner sprocket behind bogie wheels and insert small sprocket axle pin through outer and inner sprocket and into locating hole. ENSURE NO CEMENT COMES INTO CONTACT WITH DRIVING SPROCKETS (27, 29).
12. Repeat this procedure for right hand assemblies (30-50).
13. Join track ends by clipping pins on one track end into holes provided in second end of track. To strengthen the joint tracks can be heat sealed; this is best done by careful application of the heated end of a screw driver (with wooden handle). Care should be taken to apply only the minimum of heat necessary to seal joint. Alternatively the ends of the track can be reinforced with a few stitches using a suitable colour cotton or terylene thread or joined with a staple such as used in this package. When completed tracks can be slipped over sprockets and bogie wheels with joints at top and notches between ribs on tracks to the inside (51, 52).

3

HULL TOP ASSEMBLY



24. Locate and cement small lug on rear of machine gun into small cut-out in front of hull top (66).

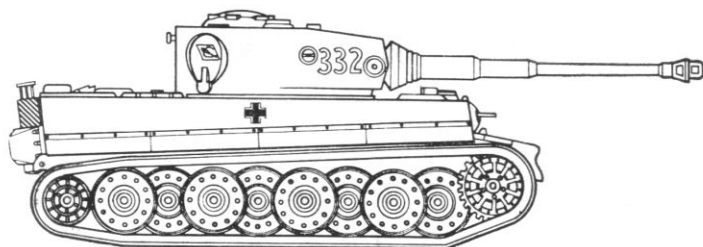
25. Locate and cement large recesses in exhaust outlets onto lugs on hull rear panel (67, 68).

NOTE: Any further painting should be done at this stage. It is recommended that the turret be removed for painting.

14. Carefully apply cement to bottom locating ribs on left and right hand turret sides and locate to circular turret base, base flush with sides, pivot pin on base protrudes beneath (53-55).
15. Carefully apply cement to top locating ribs on turret sides and locate turret roof flush with sides (56).
16. Carefully press gun mantle on to pins within turret sides until it is clipped in place. DO NOT CEMENT (57).
17. Locate and cement gun barrel into hole in mantle—note small lug on barrel fits small cut-out to side of hole for barrel (58).
18. Locate and cement cupola into hole in turret roof—Note lug beneath cupola fits small cut-out in locating hole (59).
19. Cement locating pin on cupola cover into locating hole for cupola in closed position. If open cover is desired cement locating pin on cover across top of locating hole (60).
20. Locate and cement turret roof hatch cover in either open or closed position as desired (61).
21. Apply a drop of cement into locating hole at rear of turret and press turret pin into hole (62).
22. Locate and cement hull hatch covers in place; note lugs beneath covers fit corresponding cut-outs in locating holes, also raised detail on top of covers should be angled towards turret front (63, 64).
23. Locate and cement angled lugs at rear of front visor plate into large cut-out in front of hull top (65).

4

SUGGESTED COLOUR SCHEME



26. Apply transfers. First cut the sheet into seven separate subjects, then dip each in warm water for a few minutes, slide off backing into position shown on illustration. The black crosses are applied centrally either side of upper hull side panel and between exhaust outlets on hull rear panel. The numbers 332 to front of turret sides and squadron insignia on hatch cover to rear and right hand side of turret.

SAND

To obtain the correct colour mix Yellow G2 Ivory M.4 Flesh M.7.

SILVER G.8

Muzzle brake.

RUST BROWN M.I.

Exhaust outlets.



RUST BROWN M.I.



SAND

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