

1/32  
SCALE

Kit No.  
7582



## Ostwind Flakpanzer IV

The 37 mm Flak 43 L/60 auf Sf IV Ostwind (East Wind) was introduced into Anti-Aircraft platoons in 1944. As only a limited number of these vehicles were produced, the SS-Panzer Divisions, which had priority in supplies, were the most likely to have them.

Basically the Ostwind was a 37mm Flak 43 anti-aircraft weapon mounted on a Pz. Kpfw. IV chassis. This gun was light, fully automatic, and gas operated. A MG 34 machine gun was also carried.

The 37mm gun was mounted on a pedestal and hung from a single ring type trunnion on the right. With the loading tray mounted through the ring on the axis of the trunnion, the gun was fed from the left side in clips of eight rounds. Inside the armored turret the 37 mm gun had an elevation of 90 degrees and a traverse of 360 degrees.

The Ostwind could carry 125 gallons of fuel which gave it a traveling radius of 125 miles on good roads and about 78 miles cross-country. Its speed on roads was about 25 mph and 10 mph cross-country.

A 12 cylinder liquid-cooled HL 120 TRM Maybach engine produced 300 horsepower at 3,000 RPM. The transmission had six-speeds forward and one reverse. Suspension consisted of eight road wheels on each side, sprung in pairs with four return rollers on each side.

### READ THIS BEFORE YOU BEGIN ASSEMBLY

Read through the instructions and study the assembly drawings to become familiar with all parts of the model. Once you have done this, begin assembly with step one.

Each "tree" of plastic parts is molded with identifying numbers appearing on the part or on a tab next to the corresponding part. In the assembly instructions, identifying numbers are indicated. This method makes it easy for you to locate parts during the assembly.

After cutting off the required part, trim away any excess bits of plastic that are not part of the usable piece. Use a sharp knife, such as a modeling knife, available at your hobby counter. Check the fit of each piece before you cement

it in place. Use only cement specified for use with styrene plastic.

Do not use too much cement to join parts. All plastic cements contain solvents that dissolve the plastic forming a weld between the parts. Too much cement can soften and distort the plastic, spoiling your model's appearance. The tip of a toothpick is helpful in applying cement to small or confined areas.

For better paint and decal adhesion, it is advisable to wash the plastic parts trees in a mild detergent solution. Rinse and let dry. After washing, handle the parts carefully to avoid skin-oil which may affect the adhesion.

If you desire to paint your model, refer to the painting instructions before assembling.

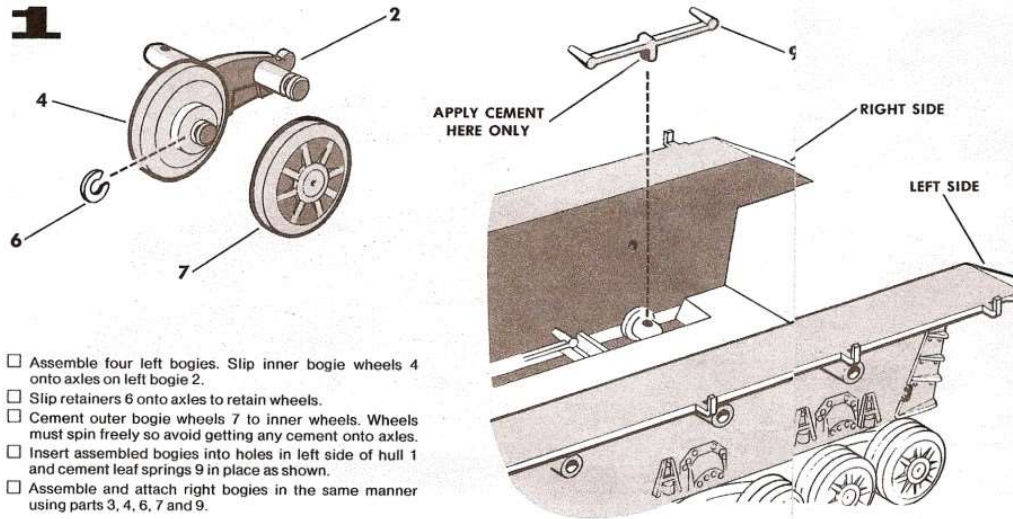


MONOGRAM MODELS, INC. Morton Grove, Ill.

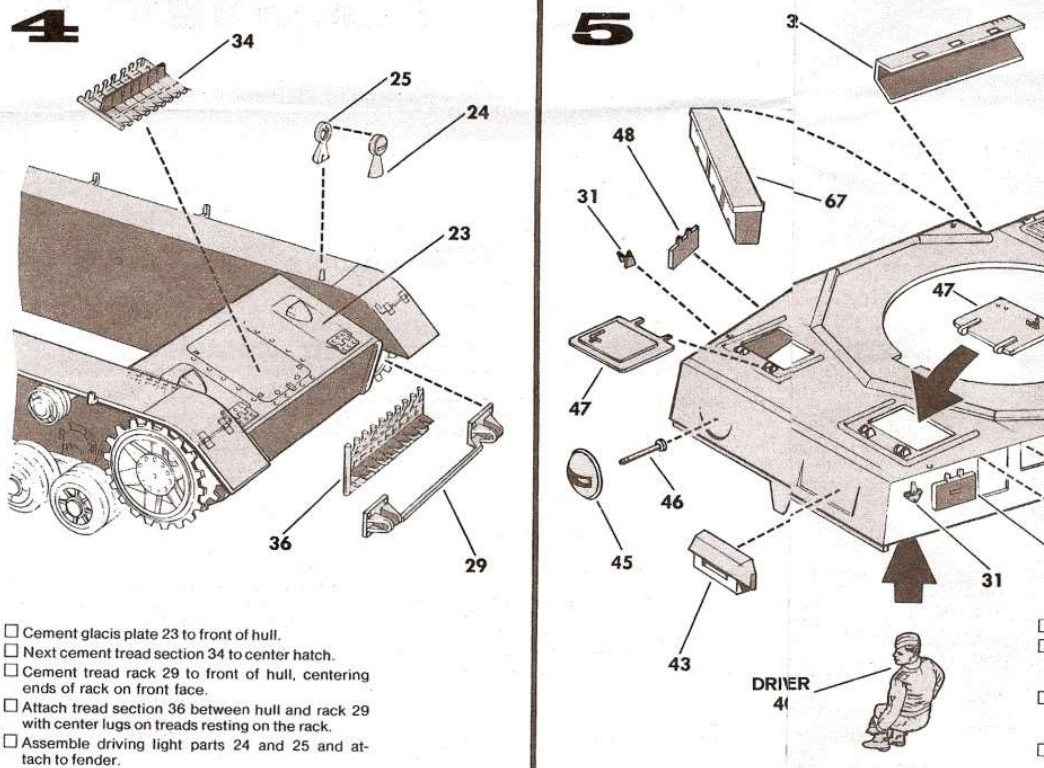
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**M**ONOGRAM<sup>®</sup>

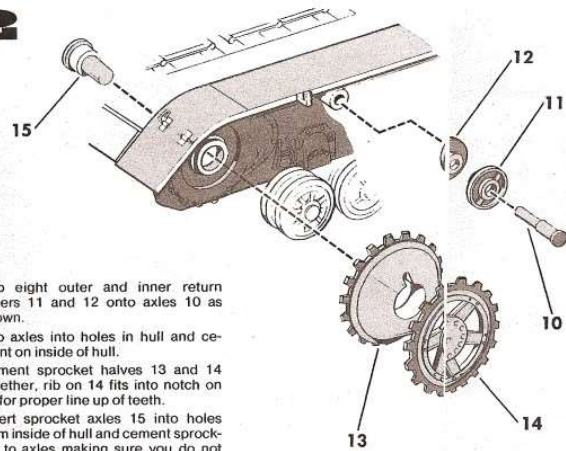


- Assemble four left bogies. Slip inner bogie wheels 4 onto axles on left bogie 2.
- Slip retainers 6 onto axles to retain wheels.
- Cement outer bogie wheels 7 to inner wheels. Wheels must spin freely so avoid getting any cement onto axles.
- Insert assembled bogies into holes in left side of hull 1 and cement leaf springs 9 in place as shown.
- Assemble and attach right bogies in the same manner using parts 3, 4, 6, 7 and 9.

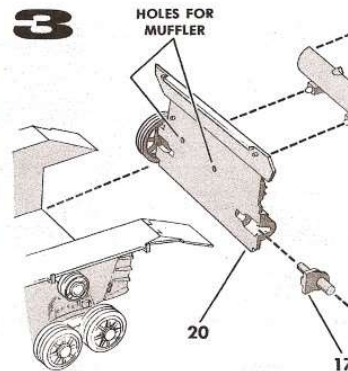


- Cement glacis plate 23 to front of hull.
- Next cement tread section 34 to center hatch.
- Cement tread rack 29 to front of hull, centering ends of rack on front face.
- Attach tread section 36 between hull and rack 29 with center lugs on treads resting on the rack.
- Assemble driving light parts 24 and 25 and attach to fender.

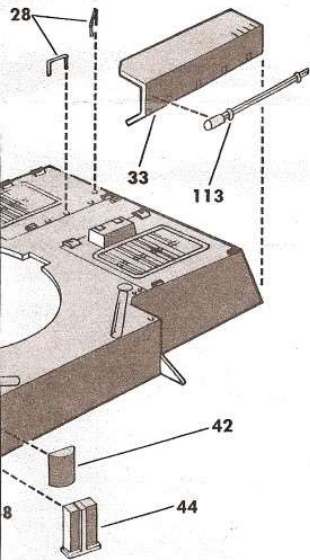
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**2**

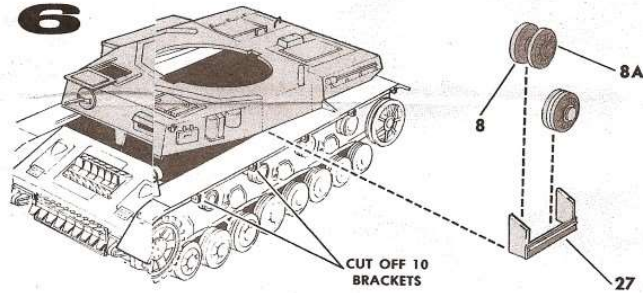
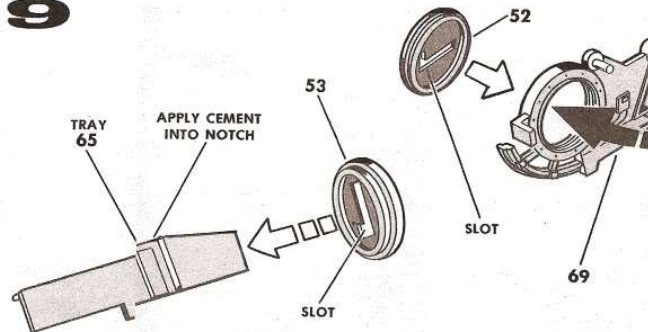
- Slip eight outer and inner return rollers 11 and 12 onto axles 10 as shown.
- Slip axles into holes in hull and cement on inside of hull.
- Cement sprocket halves 13 and 14 together, rib on 14 fits into notch on 13 for proper line up of teeth.
- Insert sprocket axles 15 into holes from inside of hull and cement sprockets to axles making sure you do not get cement on hull. SPROCKETS MUST ROTATE FREELY.

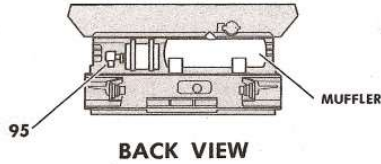
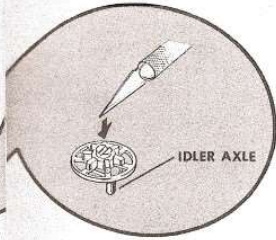
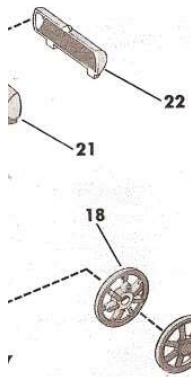
**3**

- Cement superstructure to hull.
- Attach rack 27 between two lines on side of superstructure.
- Join bogie wheel halves 8 and 8A together and cement into rack.



Attach parts shown to superstructure 41.  
 If you plan to add the driver figure, slip head of figure up into opening. Cement shoulders between ribs on bottoms of opening.  
 Cement hatches 47 in open or closed position.  
 If you used the driver, cement a hatch in open position.  
 Cement toolbox 67 to side as shown and flush with top.

**6****9**



**BACK VIEW**

- Cement rear plate 20 to hull.
- Slip inner idler 18 onto left idler axle 17 and flare axle with the heated blade of an old knife as shown to keep idler on axle.

- Cement outer idler 19 to inner idler taking care not to get cement onto axle. Small pin on inside face of outer idler fits into hole on inner idler for proper line up.
- Cement left idler axle to rear plate 20.
- Assemble idler parts 18 and 19 onto other idler axle 16 in the same manner. Cement axle to rear plate.
- Cement muffler 21 and 22 together. Cement muffler and part 95 to rear plate.

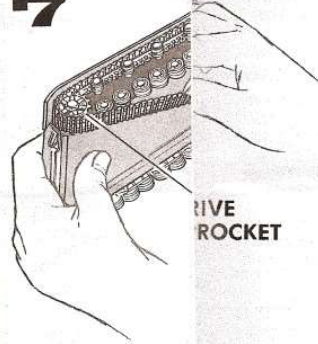
**1**

BRACI  
59

ARM  
54

FLAR  
FIRS

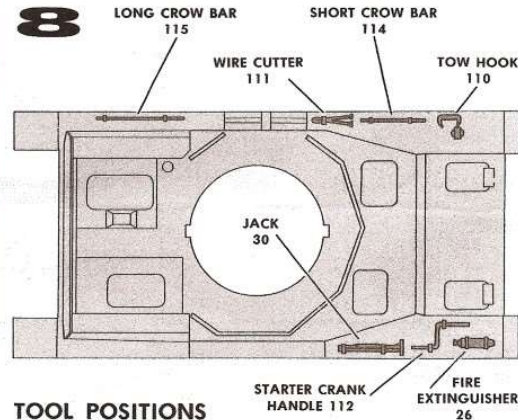
**7**



**DRIVE ROCKET**

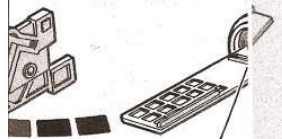
- Fit tank treads in putting tread over drive sprocket next fit tread around bogies and

**8**



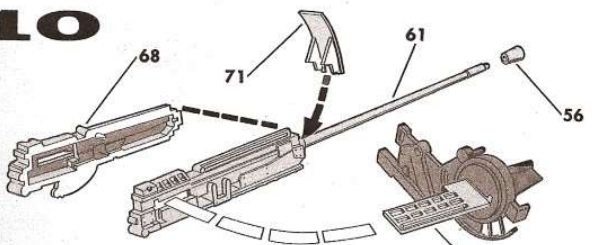
**TOOL POSITIONS**

**10**



**APPLY CEMENT AGAINST R**

- Cement slot in bearing 53 onto shown.
- Slip (do not cement) tray and b large opening in mount 69.
- Apply cement as shown and slip into place.

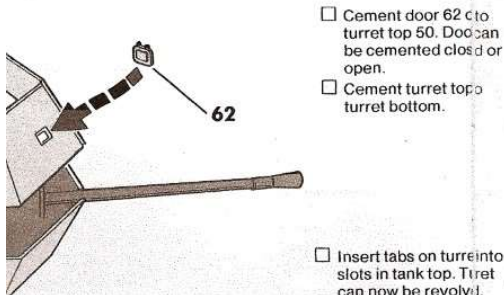
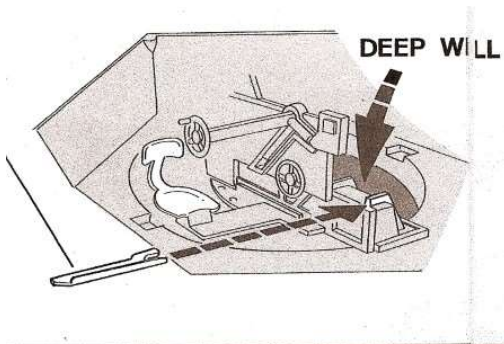


**ASSEMBLED TRAY**

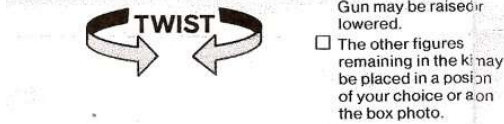
- Slide gun half 61 over tray, then cement gun to bearing.
- Cement gun half 68 into place.
- Cement flash hider 56 to end of gun.
- Carefully apply cement to shield 71 and position it onto the gun.

51

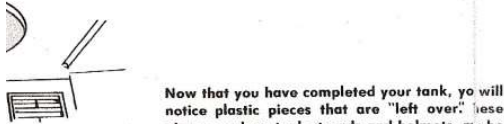




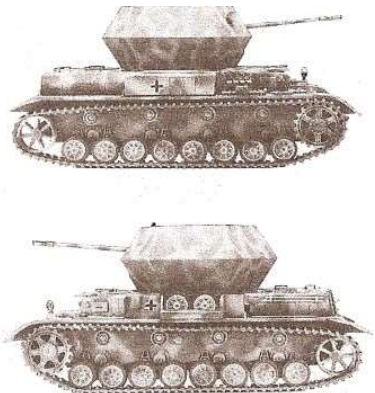
- Cement door 62 to turret top 50. Door can be cemented closed or open.
- Cement turret top to turret bottom.



- Insert tabs on turret into slots in tank top. Turret can now be revolved. Gun may be raised or lowered.
- The other figures remaining in the kit may be placed in a position of your choice or as on the box photo.

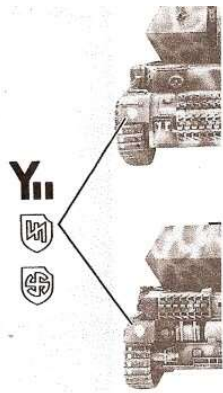


Now that you have completed your tank, you will notice plastic pieces that are "left over". These pieces, such as tools, treads and helmets, may be added to your tank wherever you choose. Crew members added extra pieces as they found them along the way to combat.



### DECALS

Correct decal locations are indicated and identified by letters which correspond to those on the decal sheet. For a neat job, carefully follow the application instructions on the back of the decal sheet. Before they are completely dry, decals should be firmly pressed against surface contours.



### PANZER DIV

9 <sup>th</sup>	2 <sup>nd</sup>
Y	Shield

### PAINTING

The exterior painting details are contained on this page. Some of the parts must be painted before they are cemented, so study the assembly steps and plan your work accordingly. You will find it easier to paint the smaller parts before removing them from the plastic "trees". Use a small pointed brush for the small details and a soft 1/4 inch brush for larger areas. Use the Flat Military paints available at hobby counters. Glossy ENAMEL paint should be used where indicated. Allow paint to dry thoroughly before handling parts and remember to scrape paint

away from areas to be cemented. Will not adhere to the OLIVE DRAB—Helmets. RUST—Muffler, edges of turret. BLACK—Tire portion of muzzle, depressed areas in front of tank. CAMOUFLAGE—Tanks were painted. Crews added their own. Refer to library books for tanks with

### FIGURES

The figures below are painted in a color scheme for the Ostwind. The field grey uniforms were worn only by tank personnel throughout the war. The same uniform was supplied in either army or U.S. camouflage pattern. This can be an interesting variety for the painting of the figures. The figures may be placed in, on or around the tank.

### CAMOUFLAGE

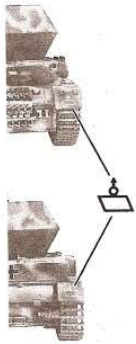


**RANGE FINDER**  
 FINDER  
 OLIVE DRAB  
 FLAGE  
 BLACK BOOTS (WITH MUD)

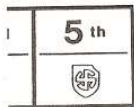
**LOADER**  
 LIGHT OLIVE DRAB  
 ARM  
 GLOSSY BLACK BELT, SILVER BUCKLE  
 OLIVE DRAB PANTS

**COMMANDER**  
 OLIVE DRAB  
 SILVER  
 GLOSSY BLACK  
 BRASS SHELLS DARK GREY TIPS  
 GLOSSY BLACK BOOTS (WITH MUD)

**ARMY**  
 PINK PIPING  
 RED, OUTLINED IN WHITE  
 BLACK, OUTLINED IN SILVER  
 BROWN GLOVES



## VISIONS



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paint.

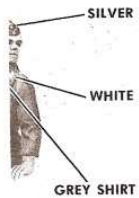
ds.  
gies, inside of gun  
air vents on top rear

is not alike in paint-  
n camouflage over  
the box cover and to  
1 different patterns.

## PATTERN



SS



DRIVER