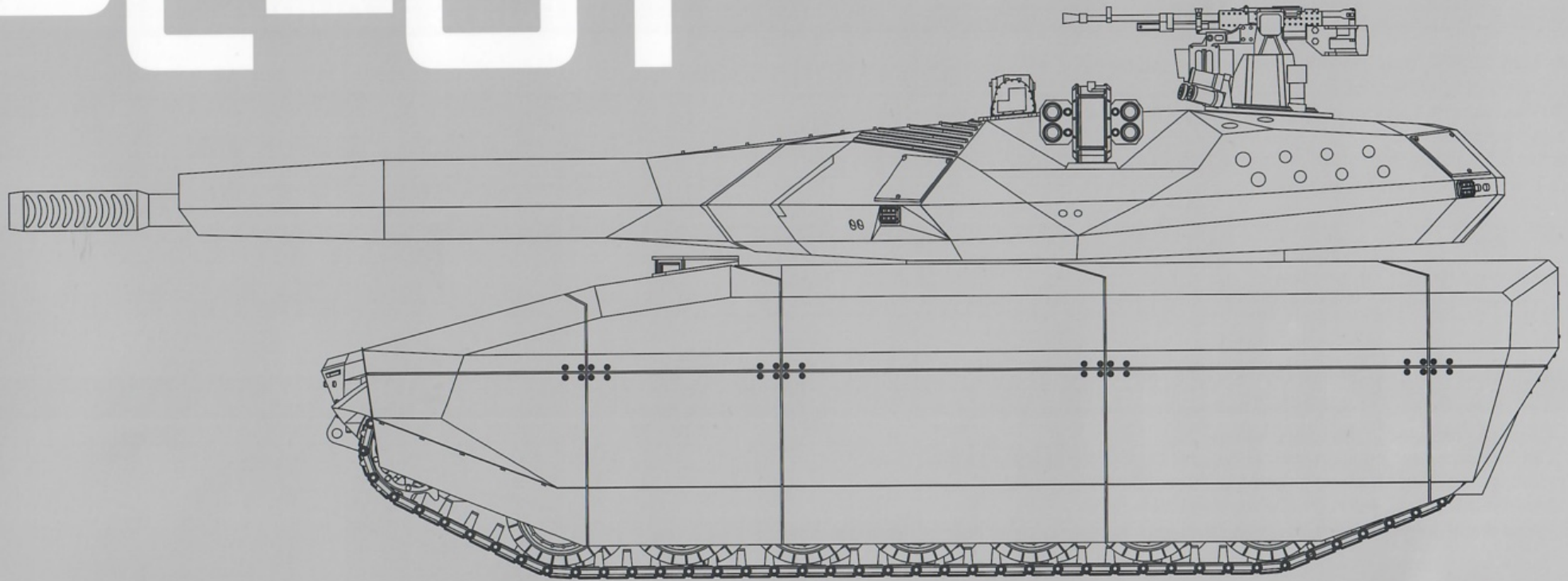


PL-01 PROTOTYPE



Based on the Swedish CV90120-T light tank, the PL-01 concept tank was jointly developed by Obrum of Poland and BAE Systems of the United Kingdom in 2013. The engine compartment is located at the front of the hull, and the unmanned turret has options to mount 105mm or 120mm weapons to fire classic ammunition or anti-tank guided missiles. The PL-01 was designed with lots of angles to reduce its radar signature and mounts temperature-controlled cooled wafers on the hull and turret to increase its stealth technology camouflage, allowing the PL-01 to match the infrared signature of its environment to confuse the tracking systems of IR weapons.

The new Polish tank has modular armor protection with multilayer ceramic-aramid armor. Damaged add-on armor modules can be easily replaced in field conditions, and future upgrades can be readily integrated. The crew (commander and gunner) sit in the hull of the vehicle, and the rear part of the hull can be used to carry four infantrymen. A door is at the rear side of the hull, the upper part of which opens to the front while the lower part folds down to form a step. A high level of protection for the crew is achieved by a safety capsule embedded inside the vehicle, relying at the same time on highly effective active and passive protection systems such as the multilayer ceramic-aramid armor, additional spall liners for crew protection, automatic fire suppression and NBC protection system. The hull has a high level of protection against landmines and improvised explosive devices, designed to withstand explosions equivalent to 10 kg of TNT anywhere under the hull. The frontal armor with add-on armor modules provides protection against 30 - 40 mm armor-piercing rounds, and all-around protection against 14.5 mm armor-piercing rounds.

The Fire Control System is integrated with an active protection system, communication system and battlefield management system, and integrates two sights with the third generation, thermal, day cameras and laser rangefinders. The Commander's panoramic sight with day camera, third generation thermal imager and Laser Range Finder, works in a "hunter-killer" mode to locate and destroy targets without the gunner. The gunner's position is also equipped with a day camera, third generation thermal imager and LRF. Loading is carried out via an autoloader unit located in the rear part of the turret, with 16 rounds ready to fire in the turret autoloader and 29 rounds stored inside the hull. Additional armament includes a 7.62mm coaxial machine gun and a remote-controlled weapon station which can be armed with 7.62 mm or 12.7 mm machine gun, or a 40 mm automatic grenade launcher. Two banks of four smoke grenade launchers are located at each side of the turret inside the armor.

READ BEFORE ASSEMBLY

CAUTION

- Read carefully and fully understand the instructions before commencing assembly. A supervising adult should also read the instructions if a child assembles the model.
- When assembling this kit, tools including knives used. Extra care should be taken to avoid personal injury.
- Keep out of reach of small children. Children must not be allowed to suck any part, or pull vinyl bag over their heads.



Instant Glue for Metal



Do Not Cement

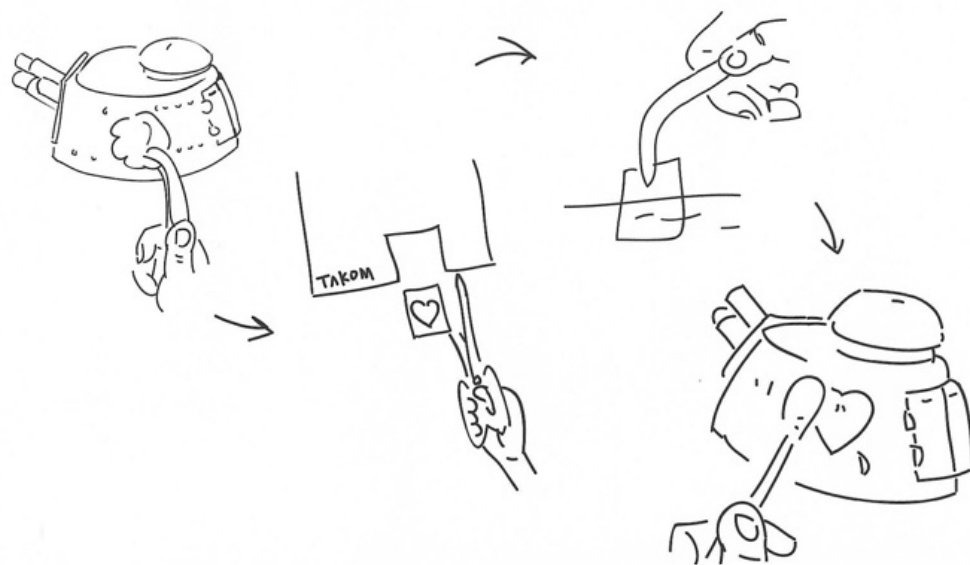
PAINTS REQUIRED

Color info and profiles by Mig Jimenez

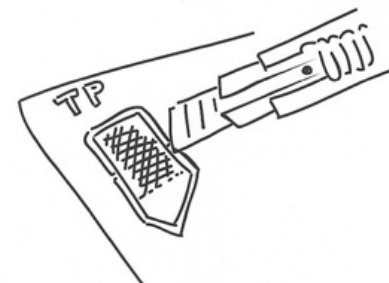
A.MIG-0033 Rubber & Tires	A.MIG-0035 Dark Tracks	A.MIG-0046 Matt Black	A.MIG-0193 Silver
A.MIG-0094 Crystal Glass	A.MIG-0099 Crystal Black Blue	A.MIG-0097 Crystal Orange	A.MIG-0068 IDF Green
A.MIG-0058 Matt White	A.MIG-0057 Yellow Grey	A.MIG-0084 Nato Green	A.MIG-0028 German Grey Beige
A.MIG-0204 Medium Gunship Gray	A.MIG-0085 Nato Brown		

APPLYING DECALS

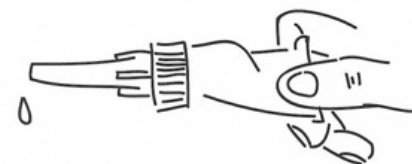
1. Clean the model surface with a wet cloth.
2. Cut out each decal design from sheet, and dip it in tepid water for 15~20 sec.
3. Hold the backing sheet edge and slide decal onto the model.
4. Move decal into position by wetting decal with finger.
5. Press decal gently down with a soft cloth until excess water and air bubbles are gone.



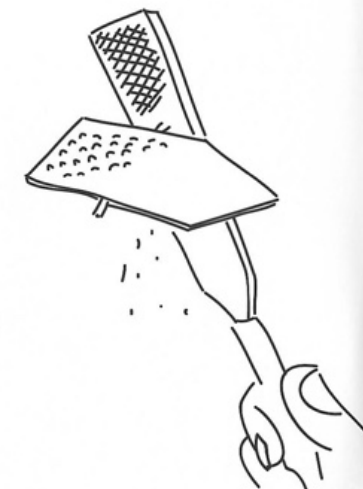
REMOVING PE



Be careful not to hurt when removing PE parts.

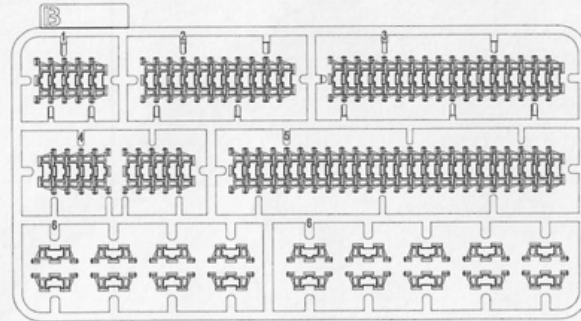
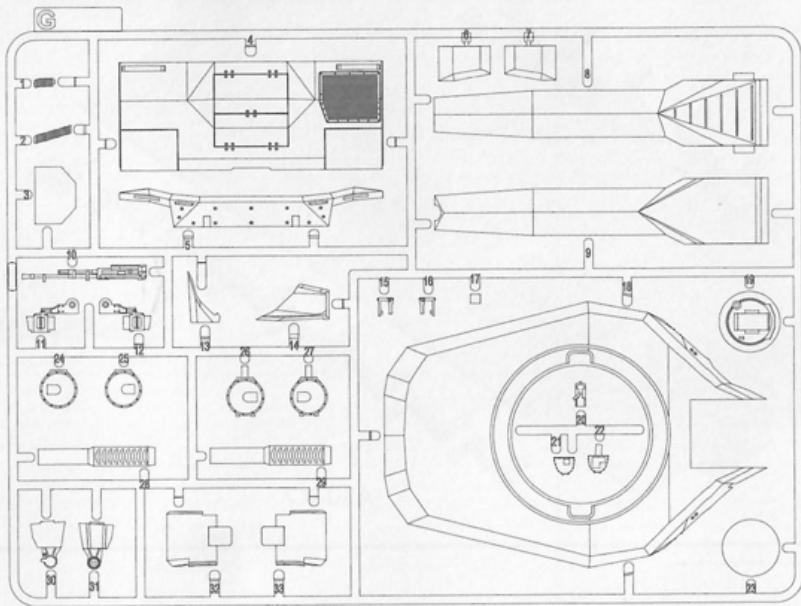


Secure using instant glue (not included).

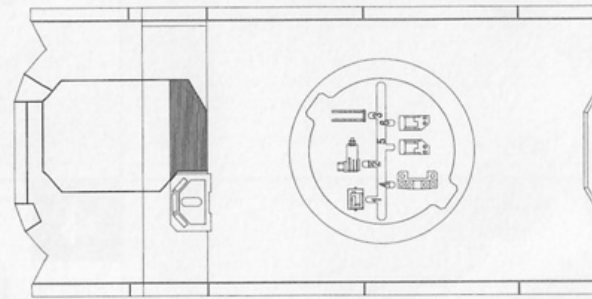


Finish using file.

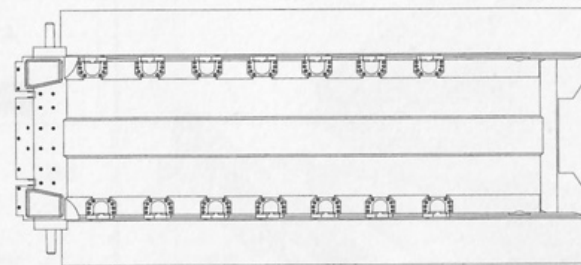
PARTS



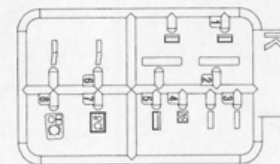
X2



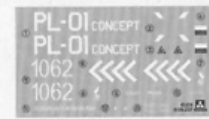
F



Lower Hull



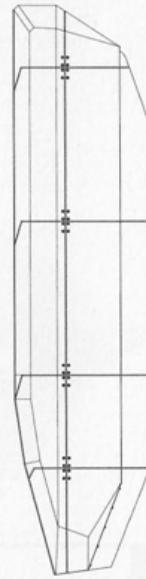
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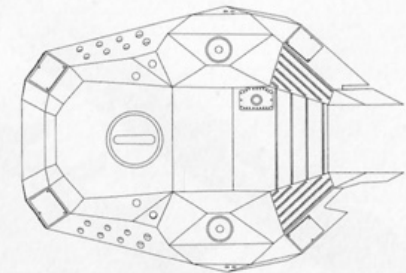
Decal



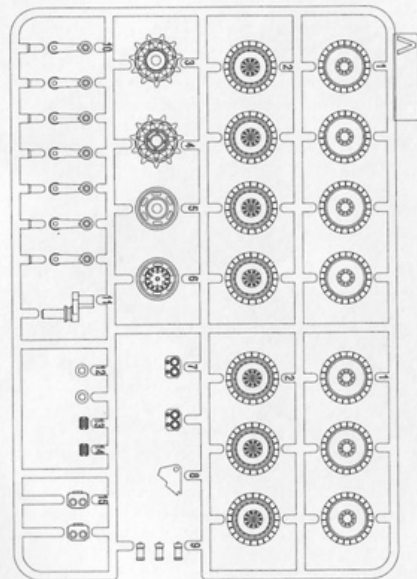
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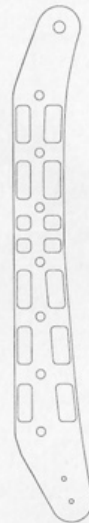
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Turret



X2

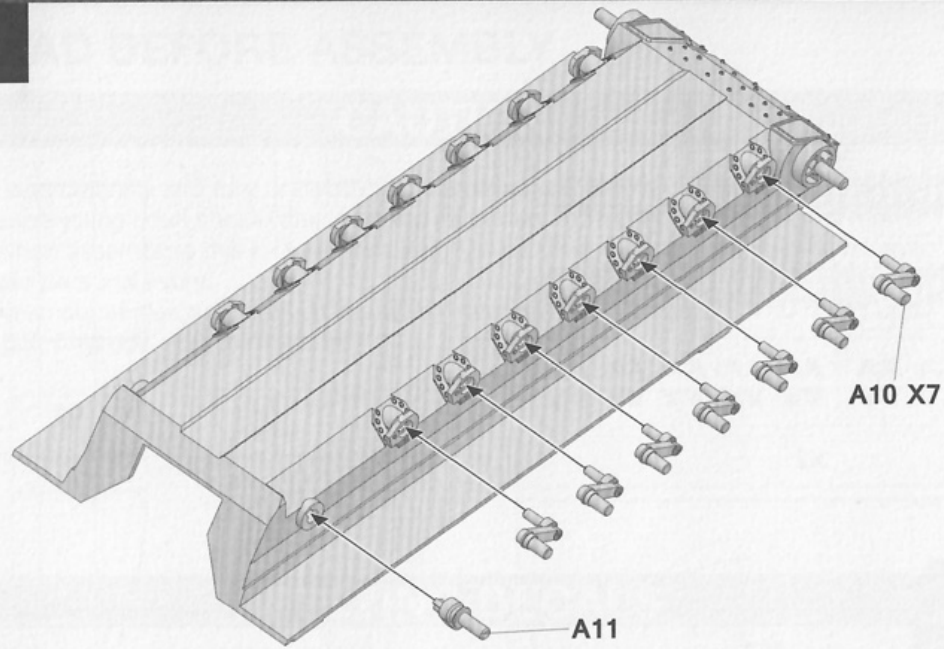


Z1

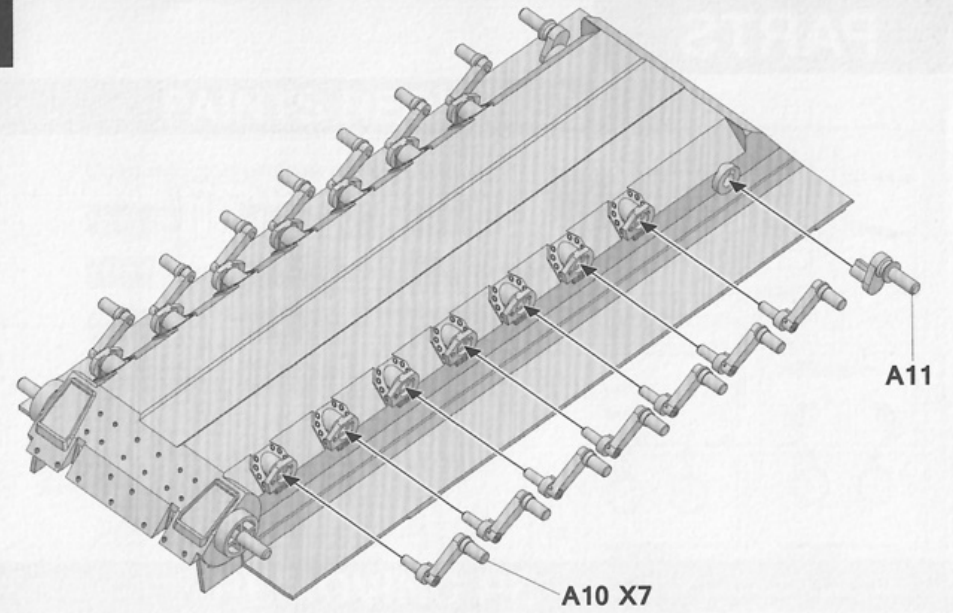


Z2

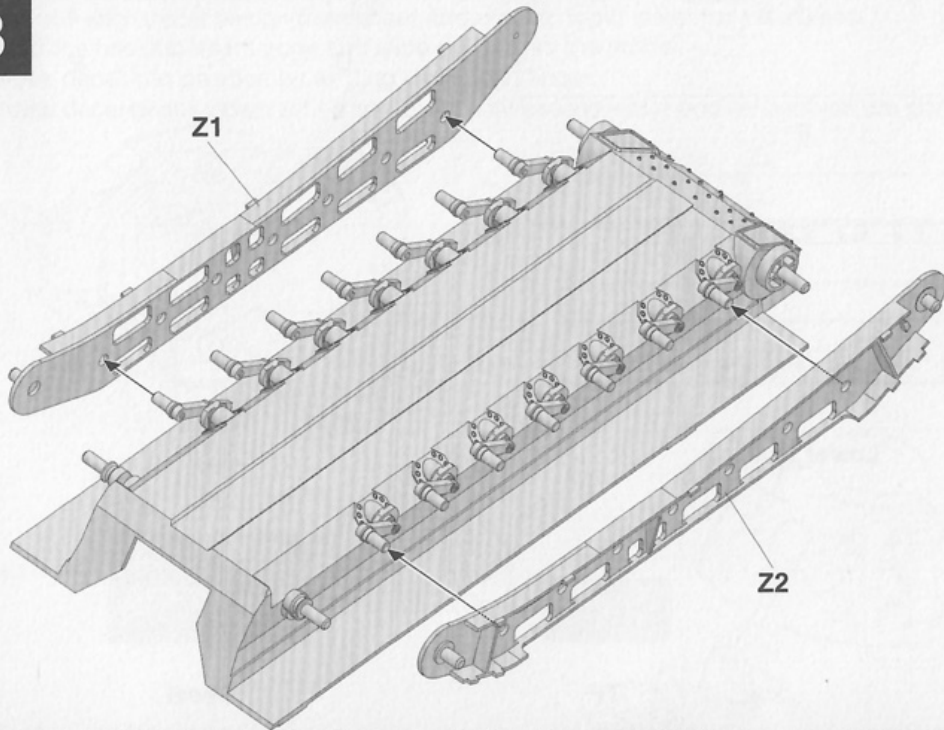
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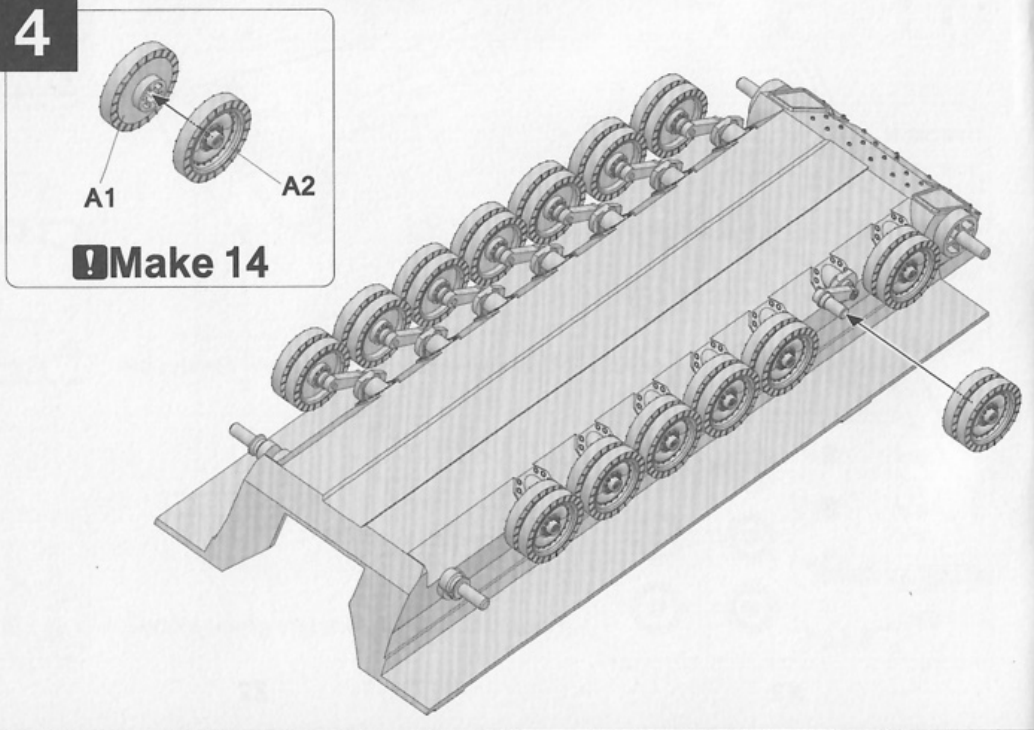
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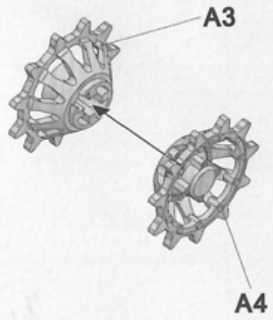
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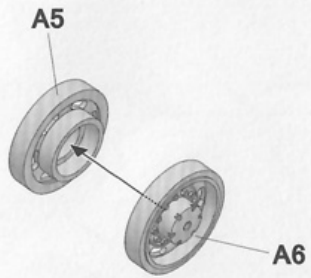
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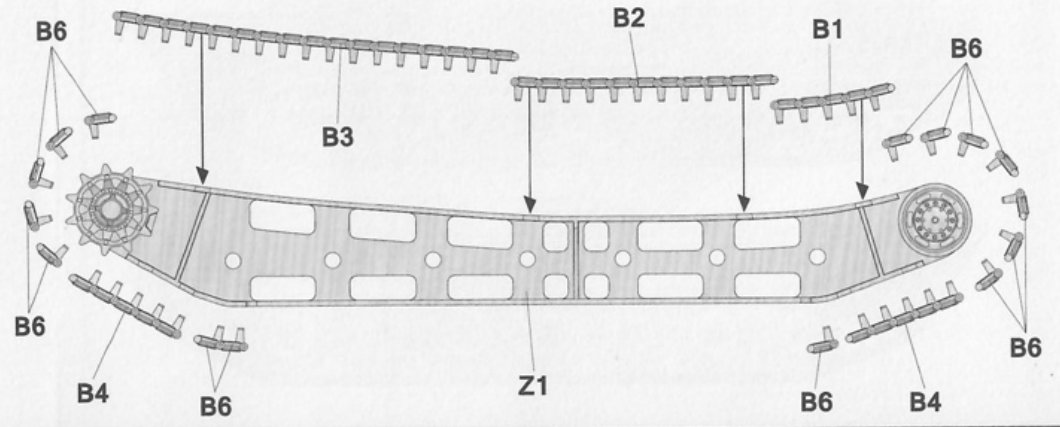
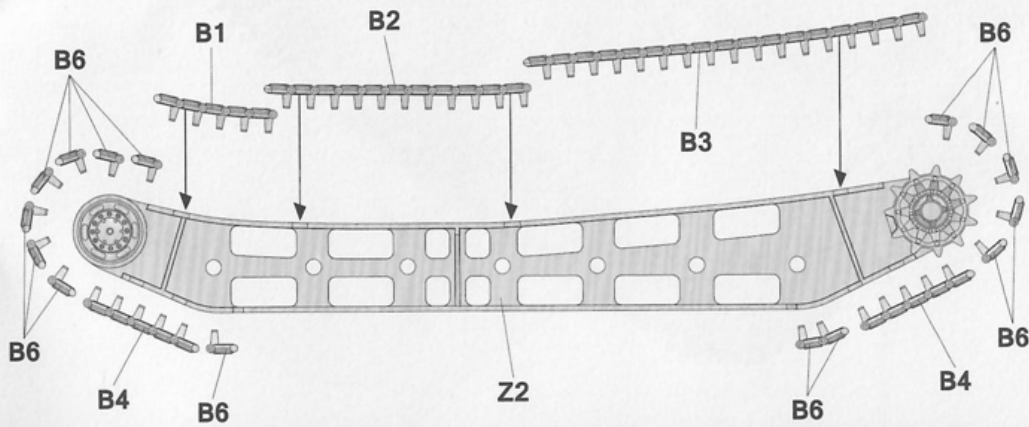
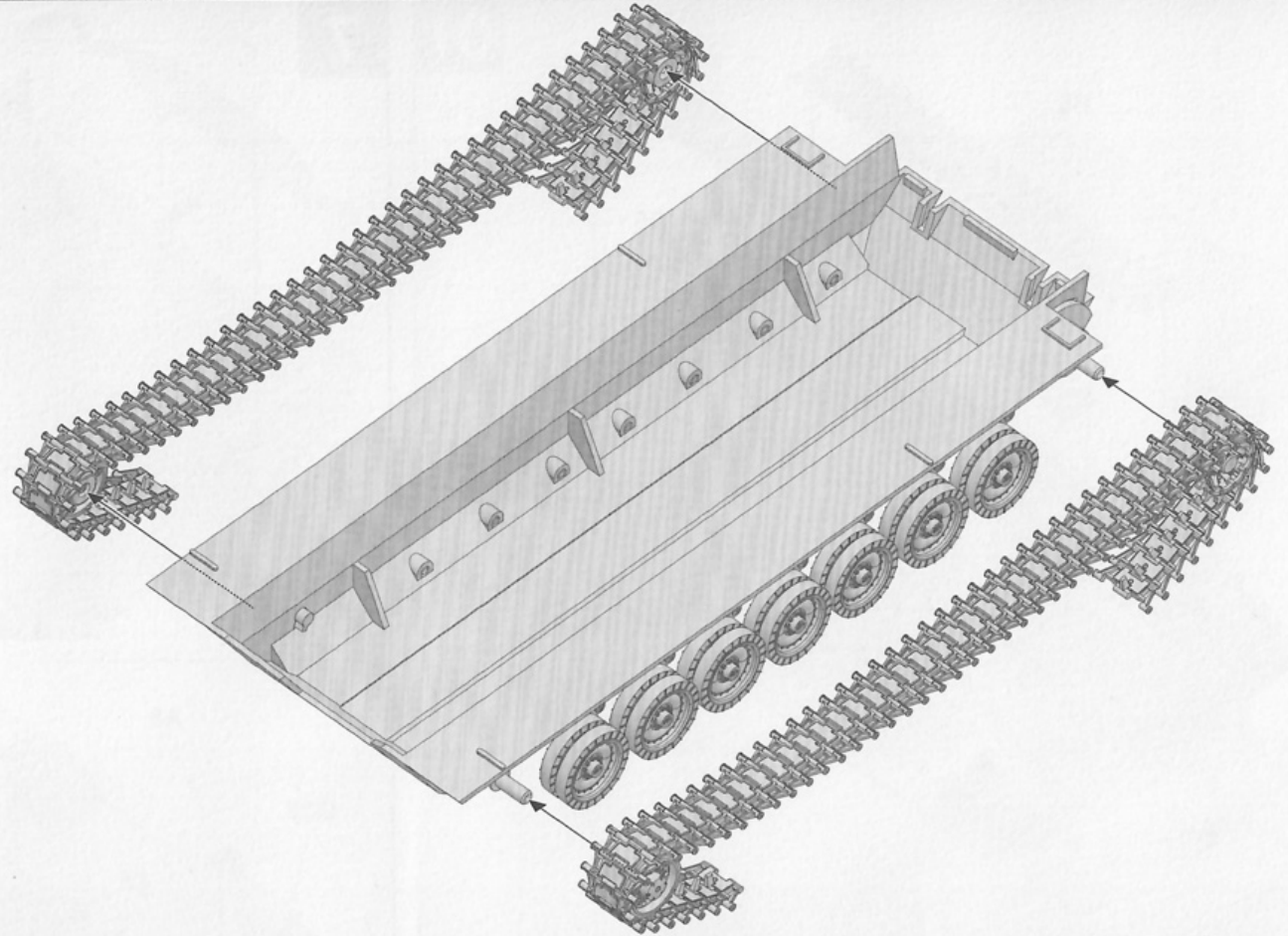
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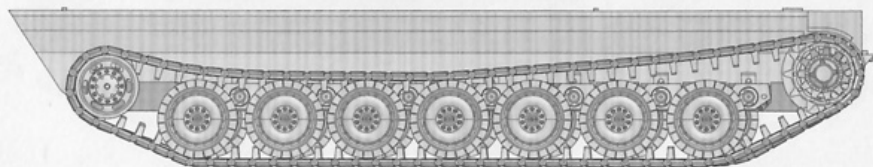
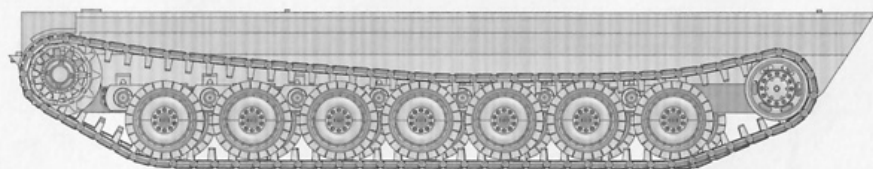
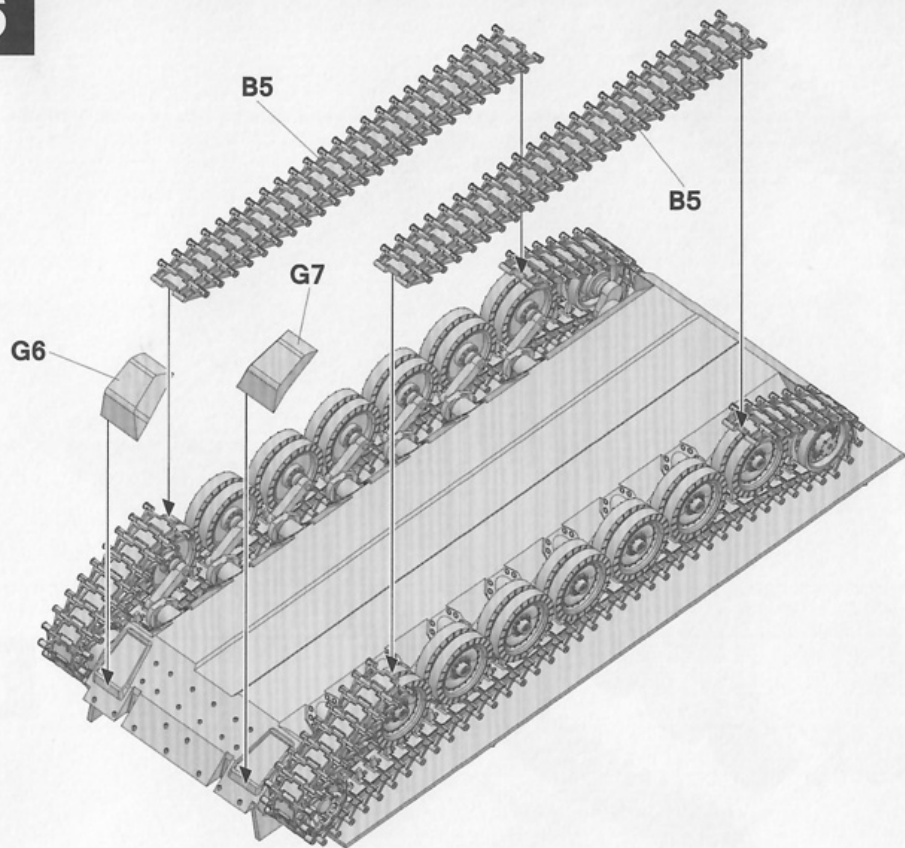
Make 2



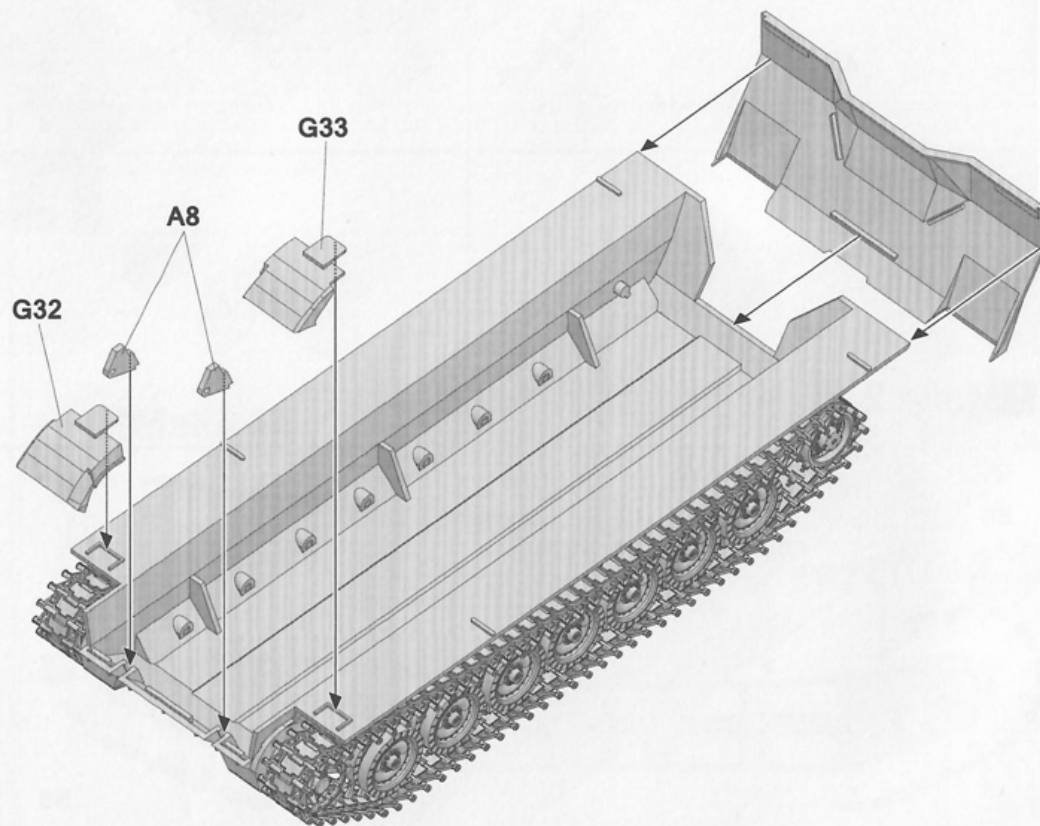
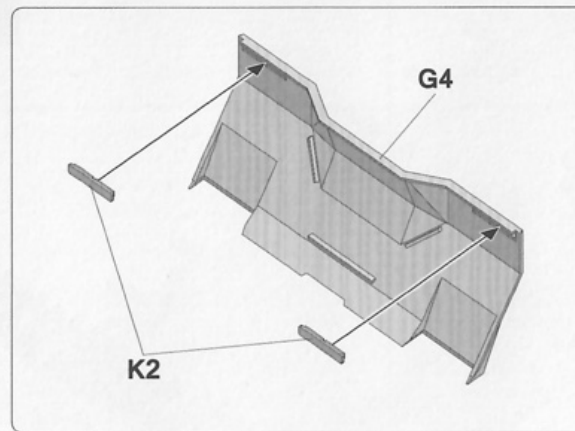
Make 2



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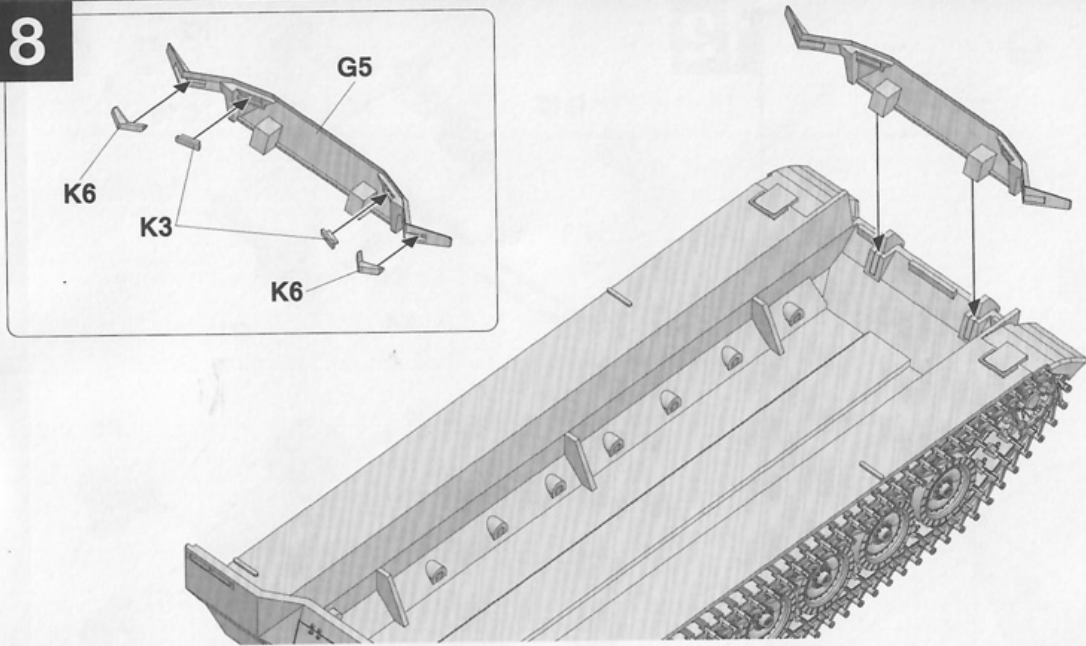


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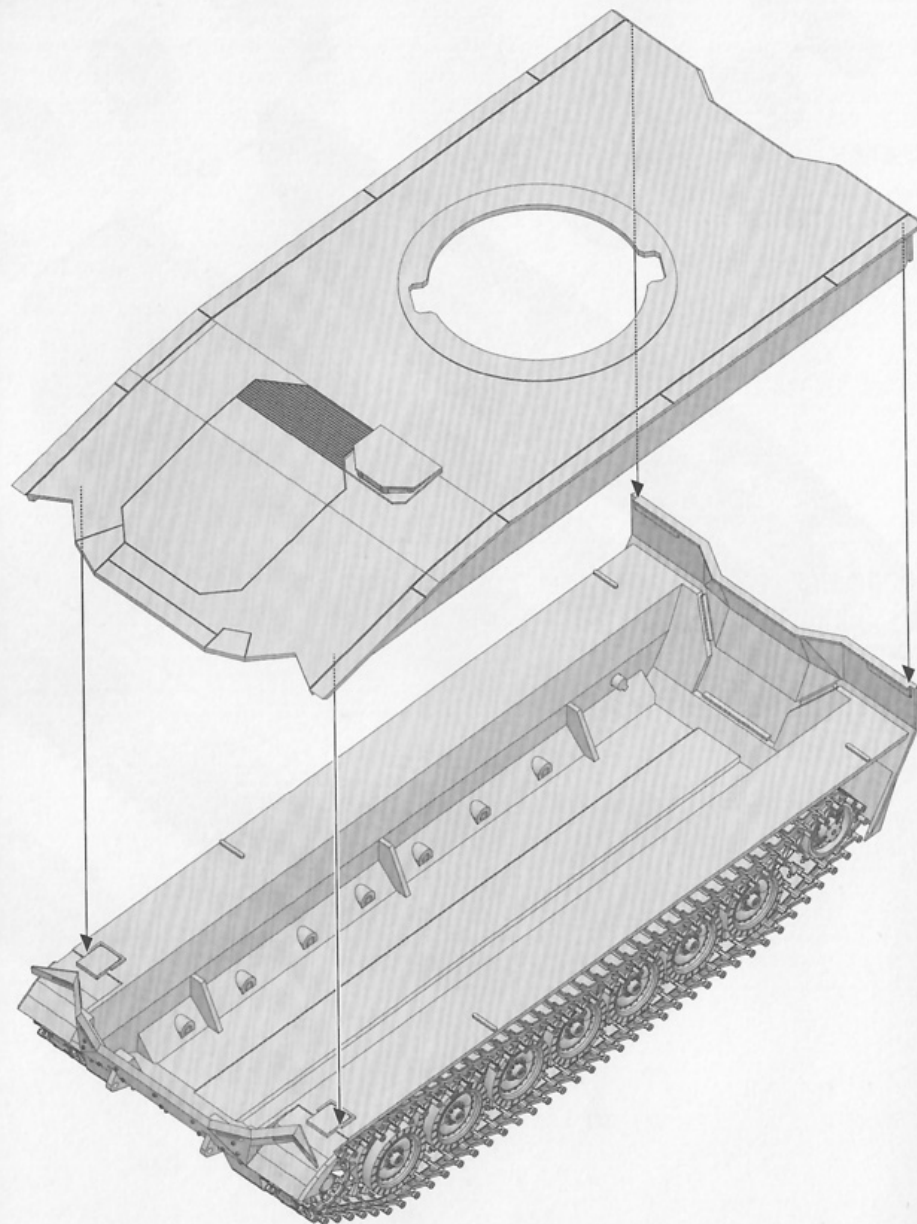


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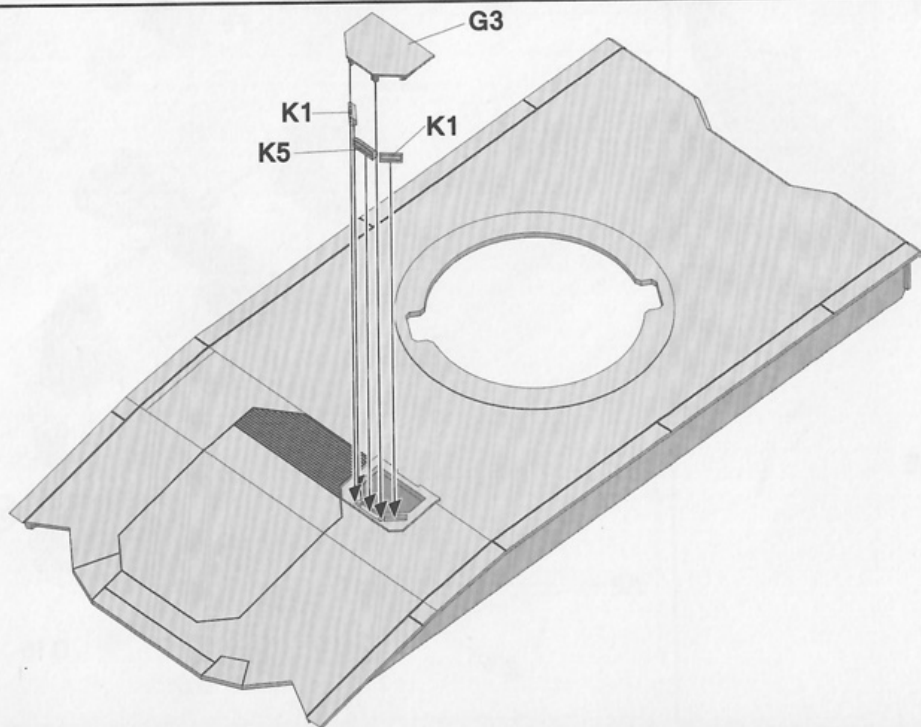
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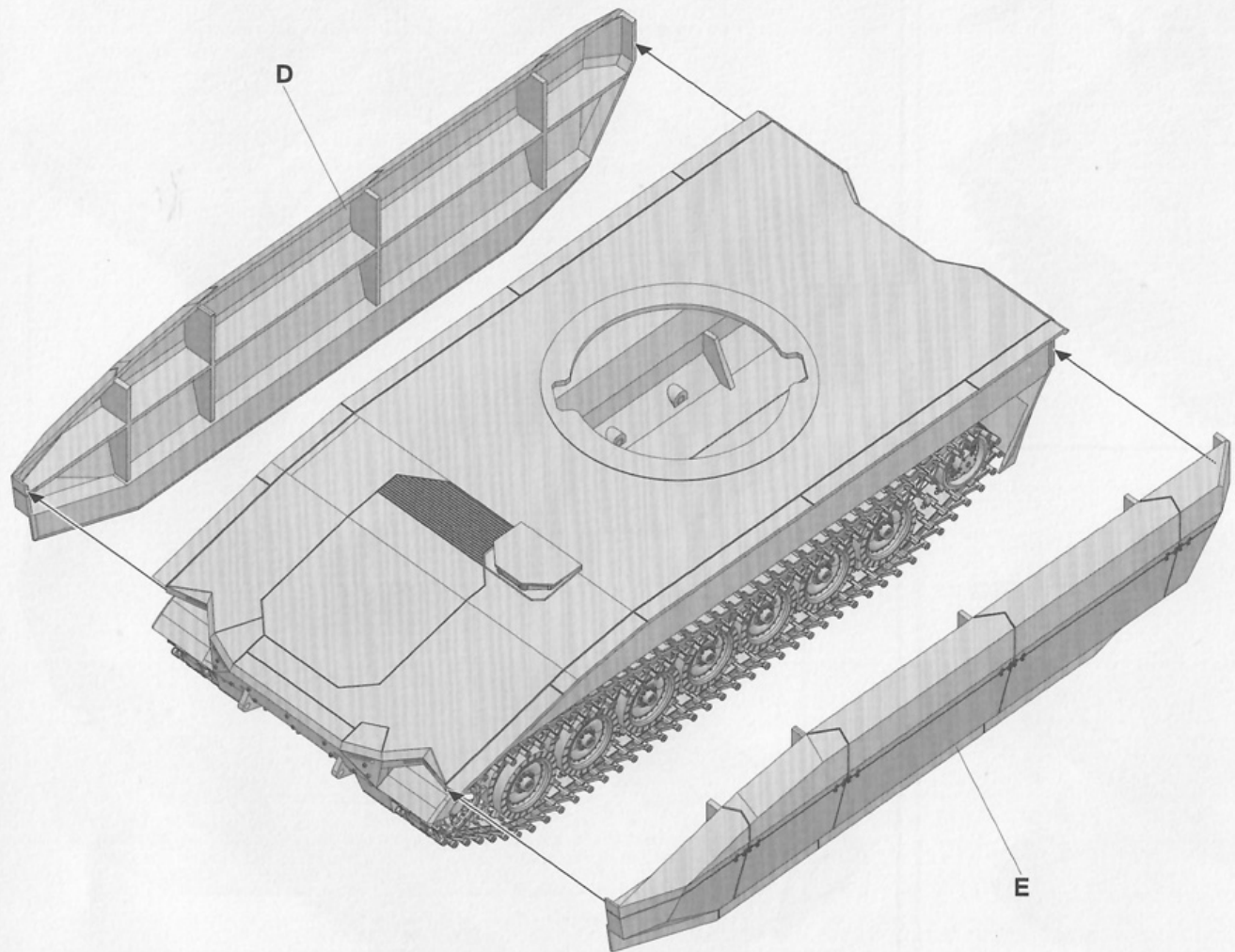
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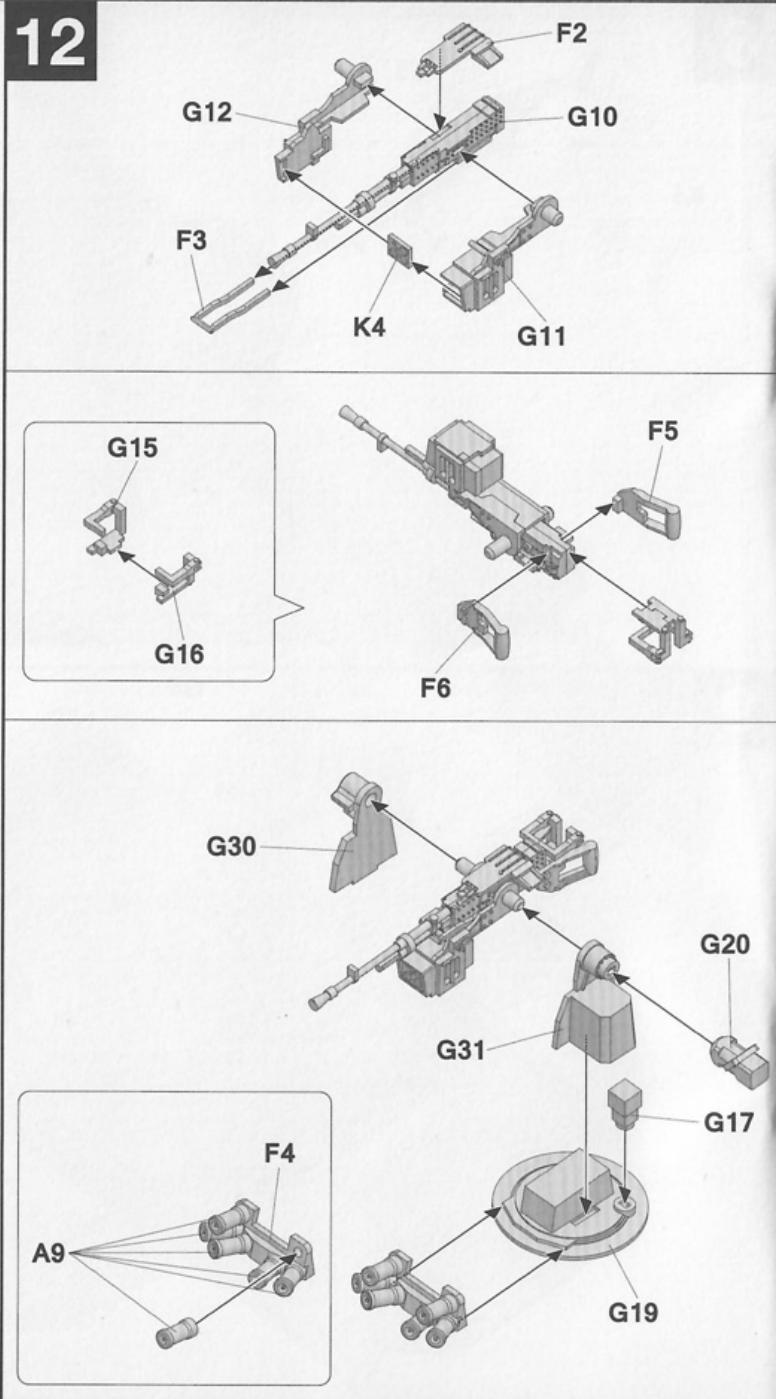
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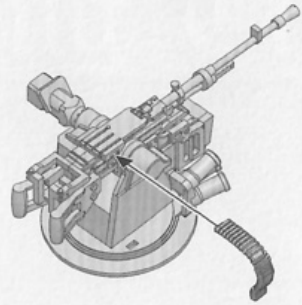
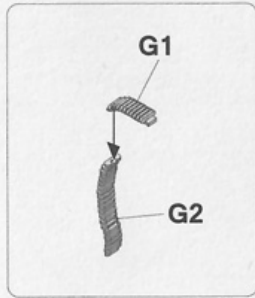
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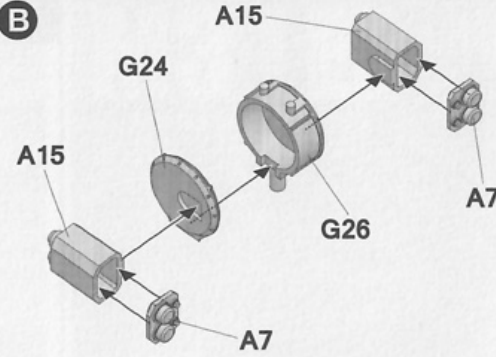
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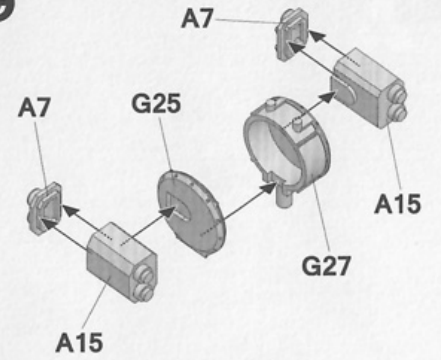
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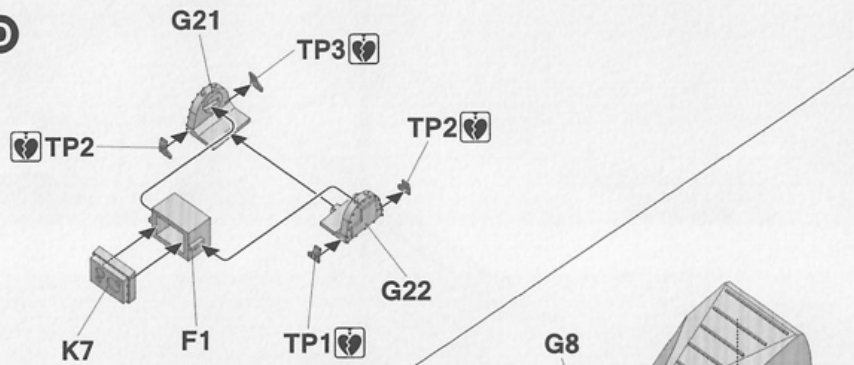
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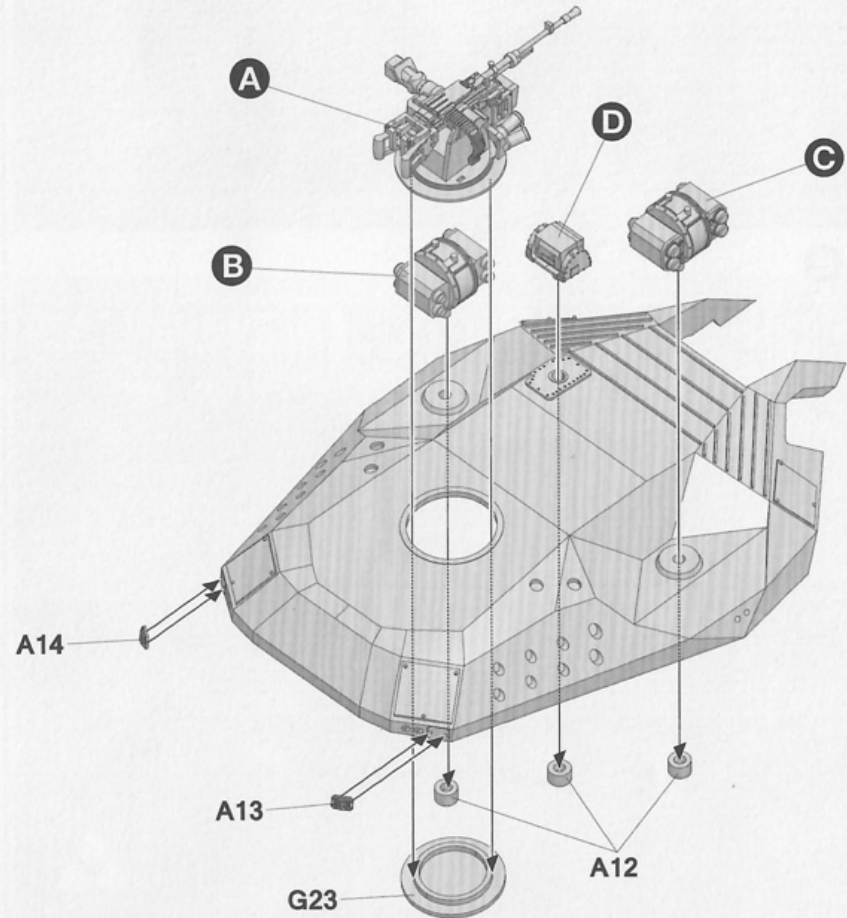
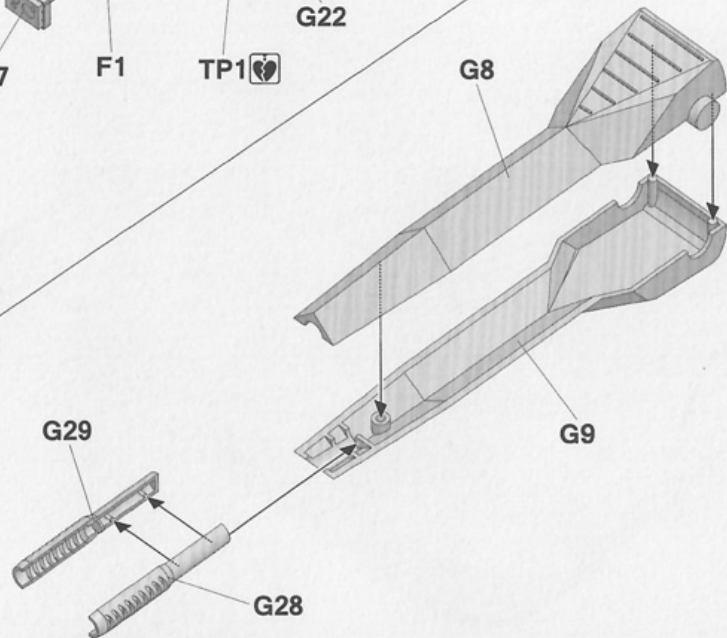
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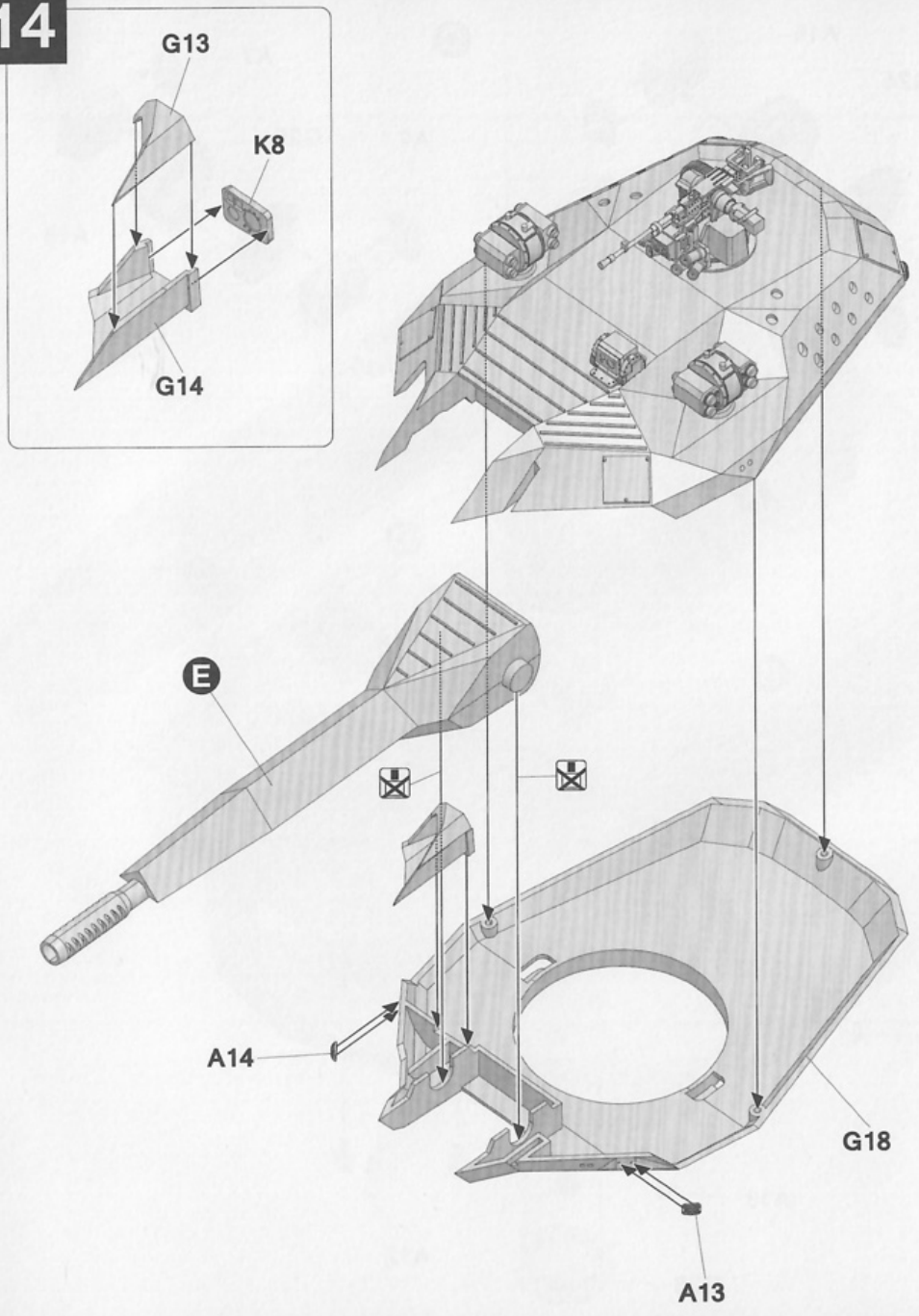
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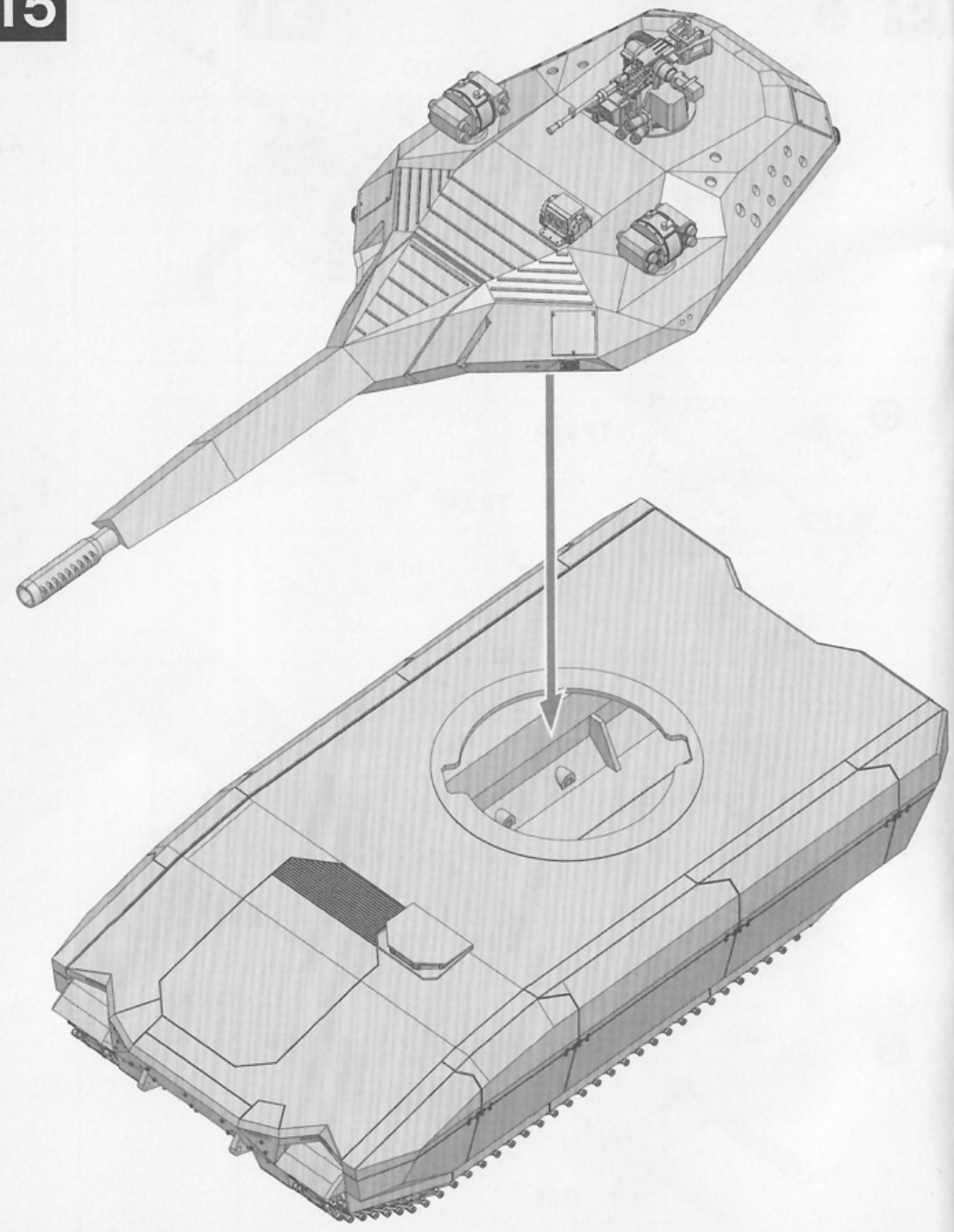
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14



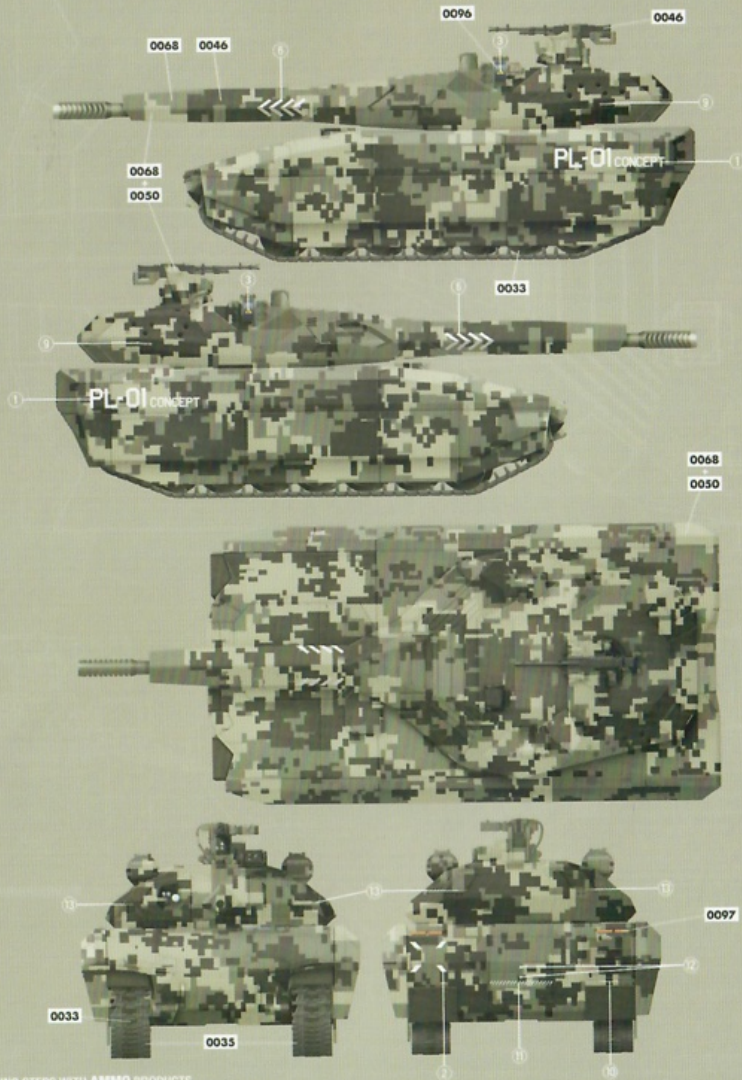
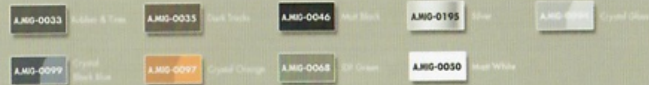
15



Painting and Marking Guide

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PL-01 Polish concept tank



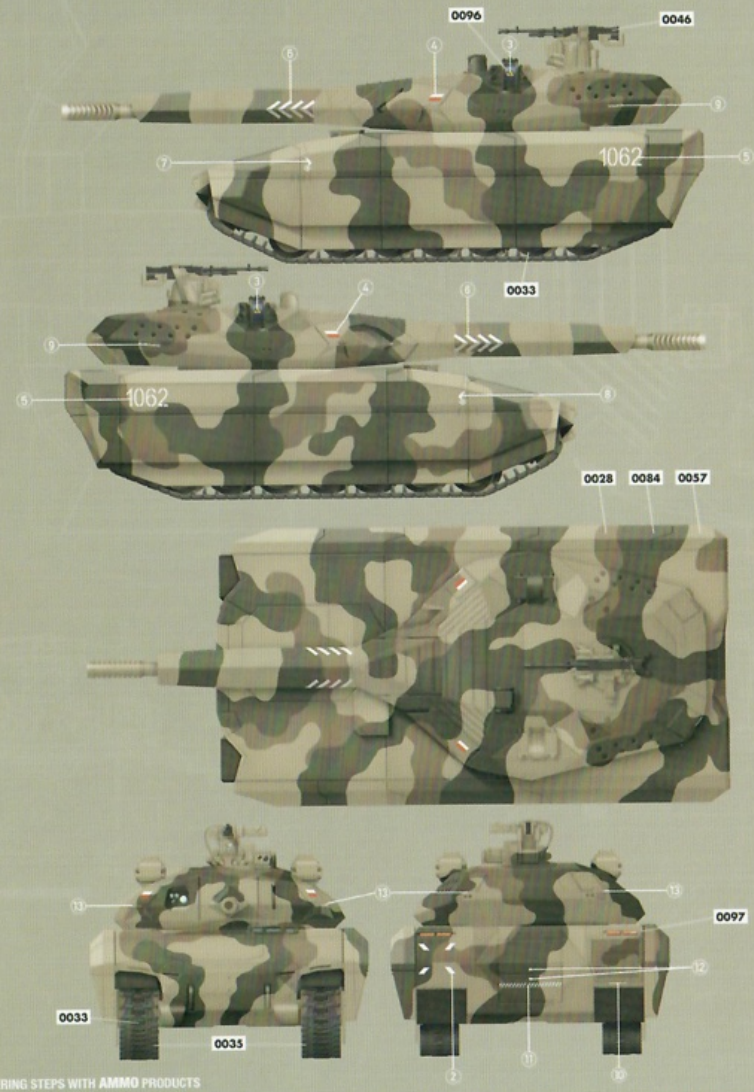
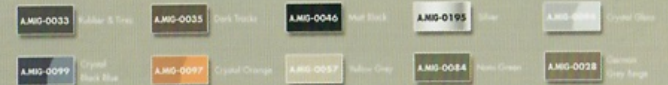
WEATHERING STEPS WITH AMMO PRODUCTS

- | | | | |
|---|---|--|--|
| 1 GENERAL WASH
A.MIG-1008 Dark Wash | 3 STREAKING
A.MIG-1206 Dark Streaking Grime | 5 RAINMARKS
A.MIG-1208 Rainmarks Effects | 7 MUD & SPLASHES
A.MIG-1703 Mud Ground / A.MIG-1752 Loose Ground |
| 2 FILTER
A.MIG-1510 Tan for 3 Tone Camo | 4 TRACK WASH
A.MIG-1002 Tracks Wash | 6 DUST
A.MIG-3028 City Dark Dust | 8 GREASE & OIL
A.MIG-1408 Fresh Engine Oil |

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PL-01 Polish concept tank



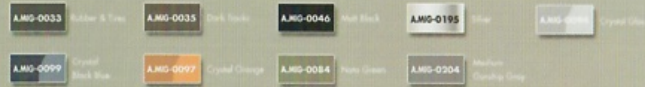
WEATHERING STEPS WITH AMMO PRODUCTS

- | | | | |
|--|---|--|--|
| 1 GENERAL WASH
A.MIG-1000 Brown Wash for Dark Yellow | 3 STREAKING
A.MIG-1257 Streakingbrusher Warm Dirty Grey | 5 RAINMARKS
A.MIG-1258 Streakingbrusher Dust | 7 MUD & SPLASHES
A.MIG-1701 Thick Soil / A.MIG-1751 Dry Steppe |
| 2 FILTER
A.MIG-1511 Brown for Dark Yellow | 4 TRACK WASH
A.MIG-1002 Tracks Wash | 6 DUST
A.MIG-3012 Sand | 8 GREASE & OIL
A.MIG-1408 Fresh Engine Oil |

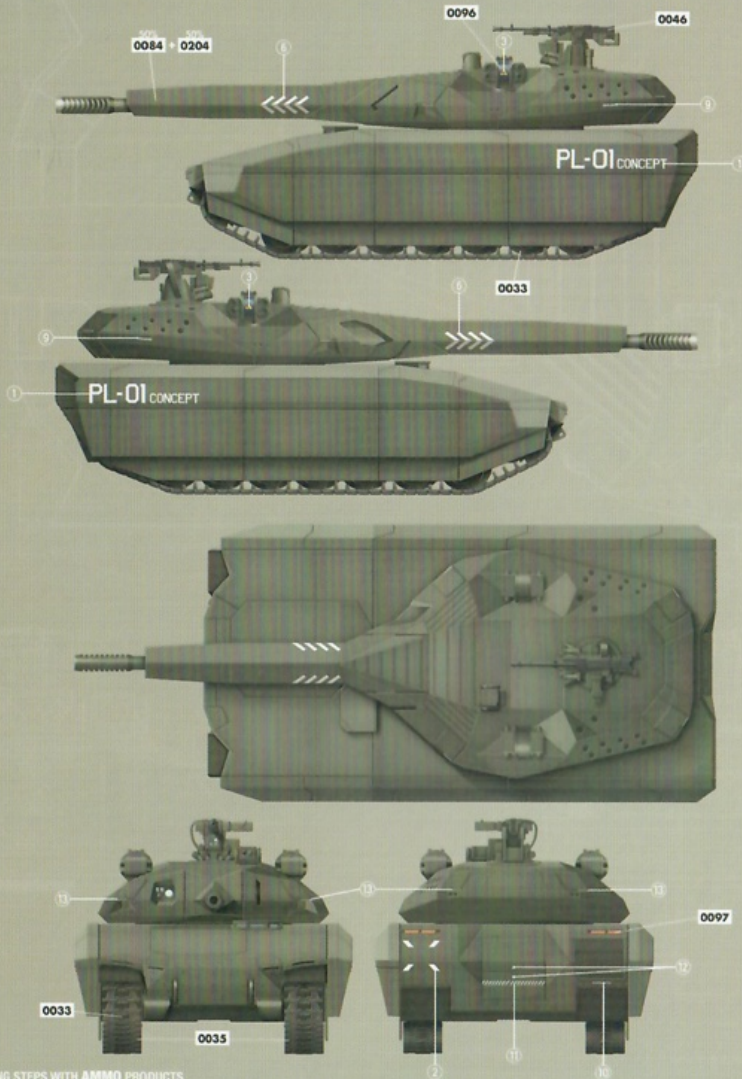
Painting and Marking Guide

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PL-01 Polish concept tank



Notes



WEATHERING STEPS WITH AMMO PRODUCTS

- | | | | |
|--|--|--|--|
| 1 GENERAL WASH
A MIG-1006 Dark Brown Wash for Green Vehicles | 3 STREAKING
A MIG-1203 Streaking Grime | 5 RAINMARKS
A MIG-1258 Streakingbrusher Dust | 7 MUD & SPLASHES
A MIG-1704 Heavy Earth / A.MIG-1753 Turned Dirt |
| 2 FILTER
A MIG-1508 Green for Grey Green | 4 TRACK WASH
A.MIG-1002 Tracks Wash | 6 DUST
A MIG-3015 Brick Dust | 8 GREASE & OIL
A MIG-1408 Fresh Engine Oil |

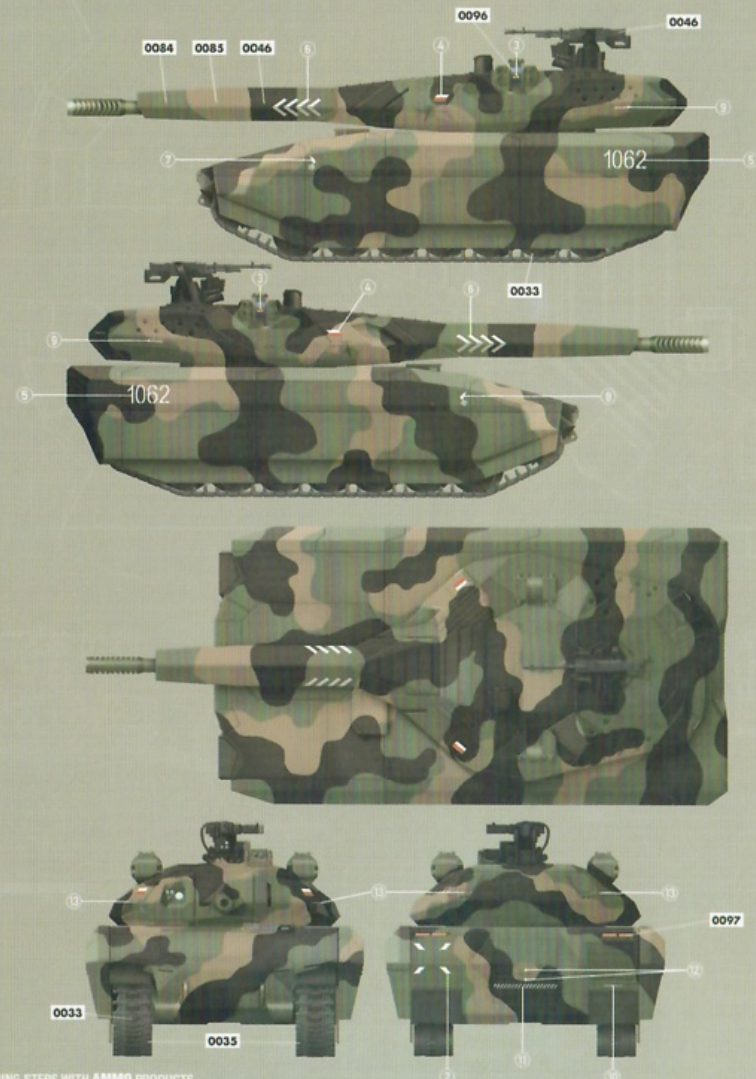
Painting and Marking Guide

TAKOM Ref: 2127

PL-01 Polish concept tank



Notes



WEATHERING STEPS WITH AMMO PRODUCTS

- | | | | |
|--|--|--|---|
| 1 GENERAL WASH
A MIG-1005 Dark Brown Wash for Green Vehicles | 3 STREAKING
A MIG-1256 Streakingbrusher Green-Gray Grime | 5 RAINMARKS
A MIG-1258 Streakingbrusher Dust | 7 MUD & SPLASHES
A MIG-1705 Wet Mud / A MIG-1754 Camp Earth |
| 2 FILTER
A MIG-1510 Tan for 3 Tone Camo | 4 TRACK WASH
A.MIG-1002 Tracks Wash | 6 DUST
A MIG-3004 Europe Earth | 8 GREASE & OIL
A MIG-1408 Fresh Engine Oil |