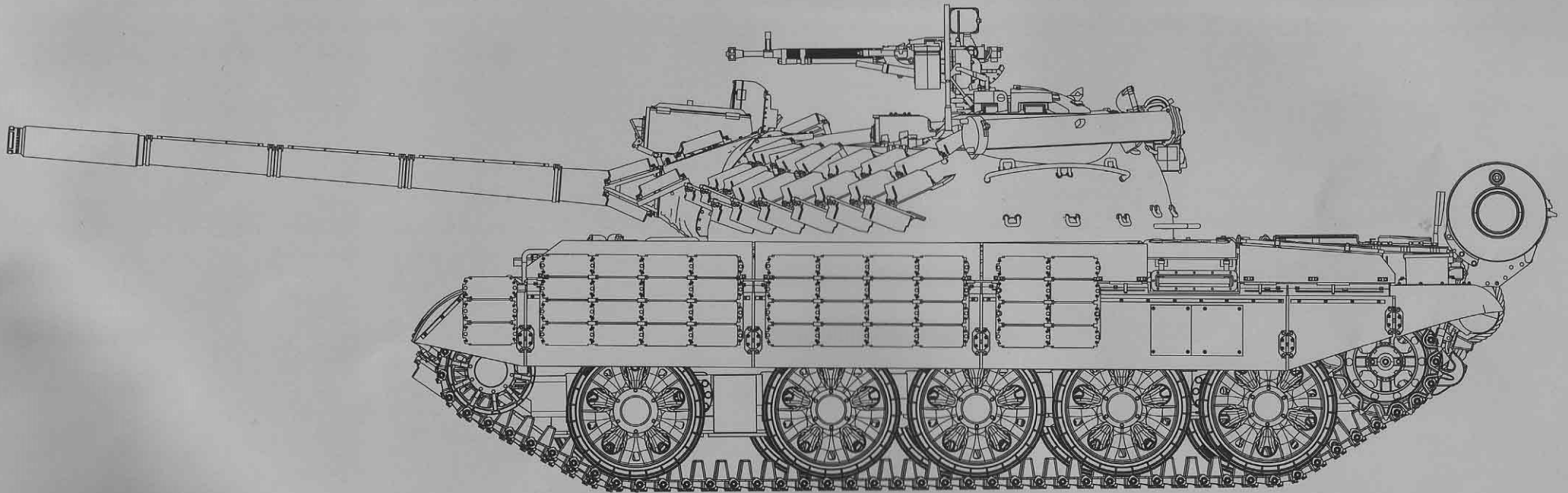


## RUSSIAN MEDIUM TANK

# T-55 AMV



The ubiquitous T-54 & T-55 series is the most produced tank type in history, with an estimated 100,000 units having been produced in Russia, Czechoslovakia, Poland, and China. These tanks have been evolving since their inception at the end of WWII, continuously incorporating improved weapons, powerpacks, and protection, and they continue to be rebuilt and refurbished with local upgrades even today. They have also formed the basis of many other AFV's, such as ARV's, APC's and AVLB's, and still serve in large numbers today with as many as 50 nations.

The T-55AM was the result of a comprehensive upgrade program in 1983. This upgrade included a passive applique armor package unofficially known as 'BDD' or 'Brow Armor'. Also included in the upgrade were the Volna fire control system, an optional fitting for the Bastion guided missile, and . The new turret armor provides an additional 170mm of protection against APFSDS rounds and 240mm additional protection against HEAT rounds. The hull applique offers an additional 210mm protection against APFSD rounds and 180mm. An additional 20mm plate is attached to the front of the lower hull to protect the driver from anti-tank mines. The addition of the Volna fire control system marked the first time a ballistic computer was installed in the T-54/55 series, and incorporated the externally mounted KTD-2 laser rangefinder and the gunner's improved TShSM-32PB sight with the upgraded Tsiklon M1 gun stabilization system, with an effective range of 4,000 meters. The 9K116 Bastion 100mm guided missile was fired like a conventional round, with a rocket motor igniting 1.5 seconds later and lasting for 6 seconds. This system can penetrate up to 100cm of homogenous steel armor and has an effective range up to 4km against moving targets. Up to 6 of these missiles can be carried inside the tank, along with its load of conventional 100mm ammunition. Polish and Czech factories also produced a version of this tank, designated T-55AM2. A further version designated T-55AM2B included the 9K116 Bastion missile system.

The T-55AMV was the next step in the evolution of armor protection for the T-55, replacing the armor applique package with individually fitted Kontakt-1 Explosive Reactive Armor bricks developed in 1983. These ERA 'bricks' are designed to explode upon contact by anti-tank projectiles, directing the energy of the impact away from the tank. It is claimed that the early generation Kontakt-1 ERA will degrade incoming 125mm HEAT projectiles up to 58%.

# 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.



Optional



Remove



Be Careful



Drill



Instant Glue  
for Metal



Do Not Cement

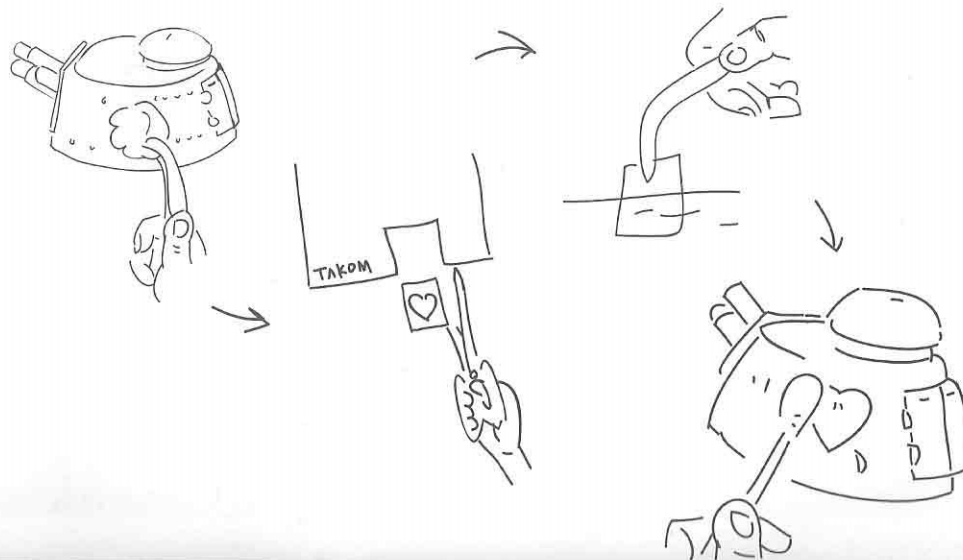
## PAINTS REQUIRED

Color info and profiles by Mig Jimenez

A.MIG 033	Rubber & Tires	A.MIG 036	Dark Tracks	A.MIG 038	Light Wood	A.MIG 045	Gun Metal
A.MIG 027	Sand Beige	A.MIG 081	Olive Drab	A.MIG 047	White	A.MIG 083	Russian Postwar Green KHV 518
A.MIG 046	Matt Black	A.MIG 913	Red Brown Light	A.MIG 080	NATO Brown	A.MIG 082/046 A.MIG 918/306	Russian Yellow
A.MIG 030	Sand Yellow	A.MIG 057	Yellow Grey	A.MIG 912	Red Brown Shadow	A.MIG 931	Russian Dark Base
A.MIG 083 A.MIG 028	XXXXXX	A.MIG 029	Desert Sand	A.MIG 061	Warm Sand-Yellow	A.MIG 070	Medium Brown
A.MIG 084	NATO Green	A.MIG 085	Crystal Smoke				

## 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.



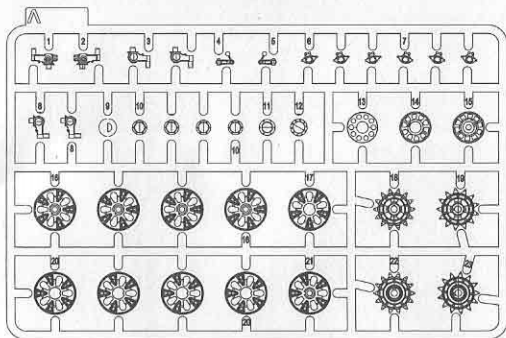
## REMOVING PE

Be careful not to hurt when removing PE parts.

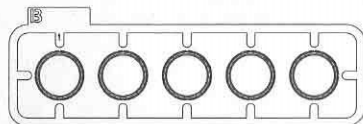
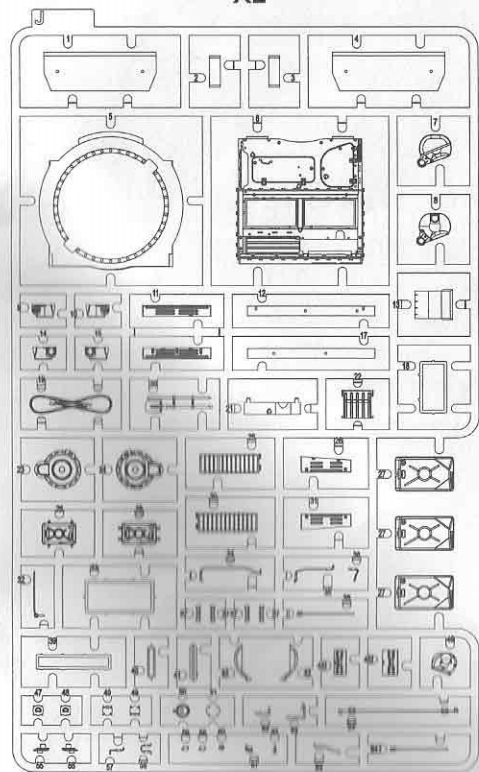
Secure using instant glue (not included).

Finish using file

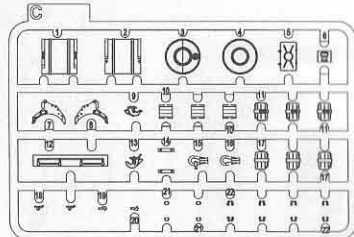
# PARTS



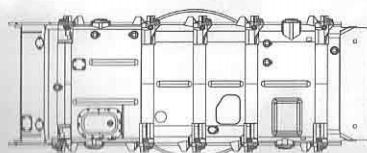
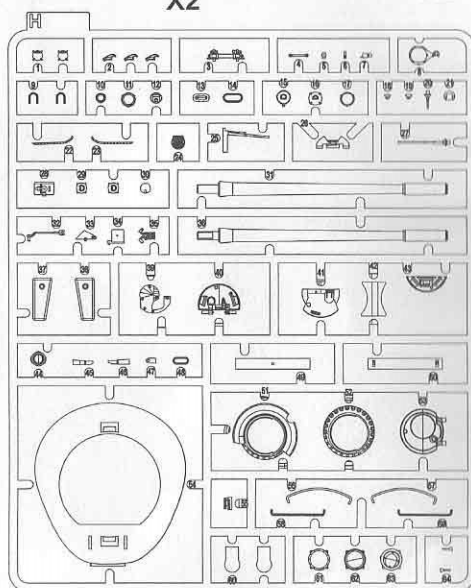
X2



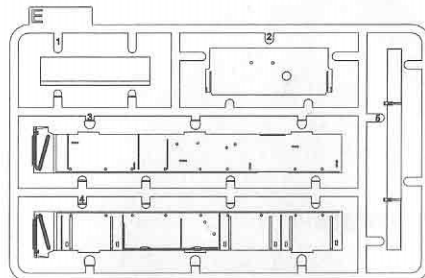
X4



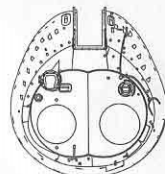
X2



Lower Hull

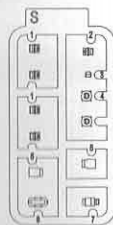
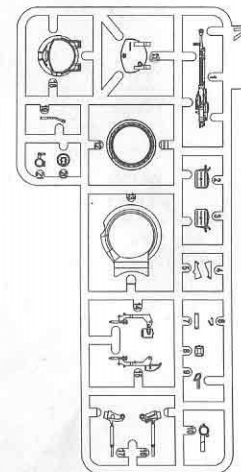
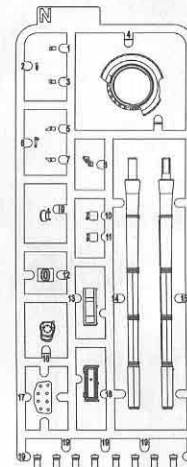
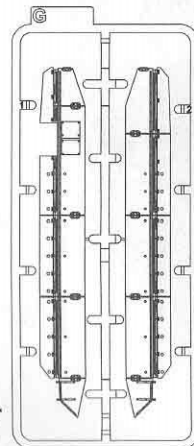


Poly Cap  
X2

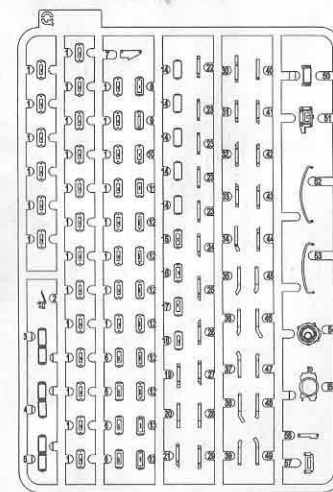
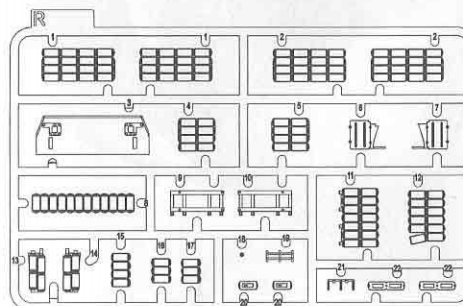
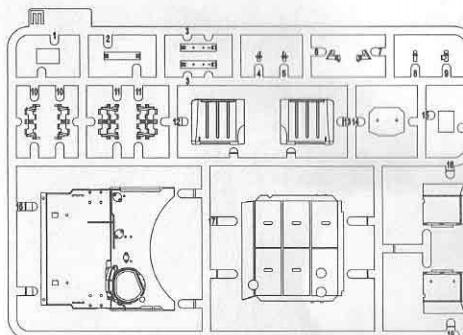


Turret

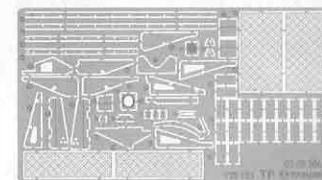
Dust Cover



X184



Cable X2

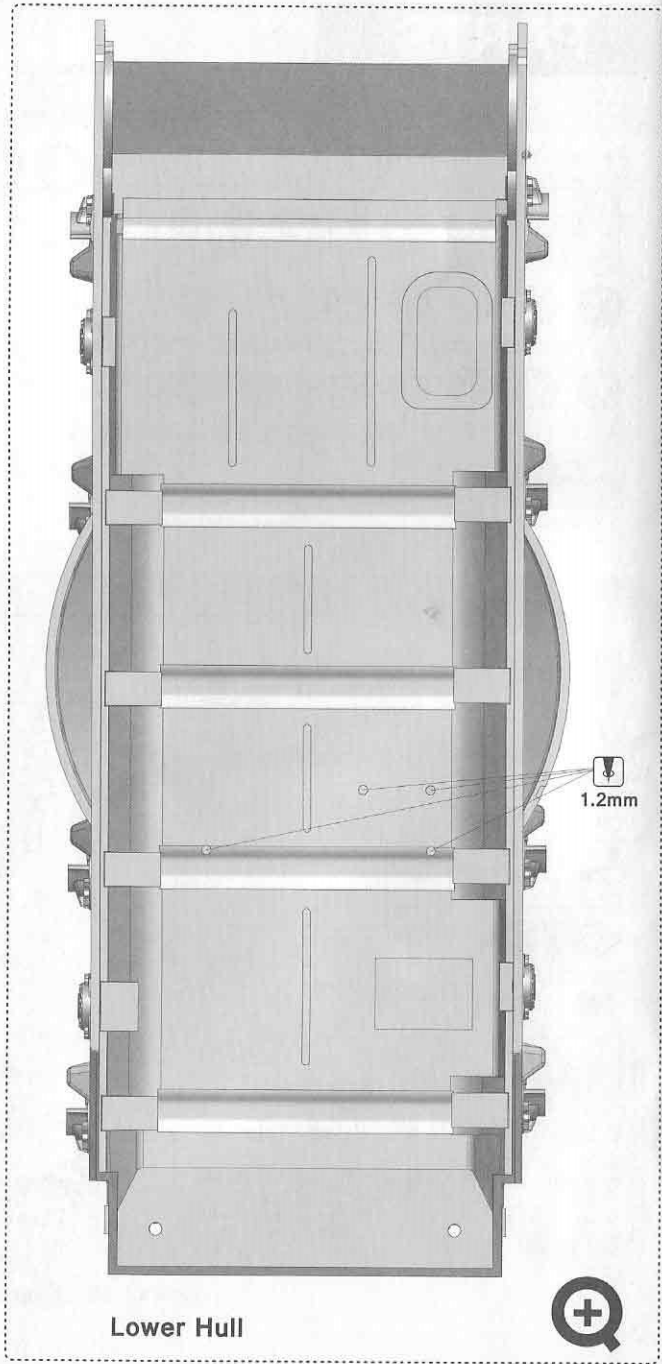
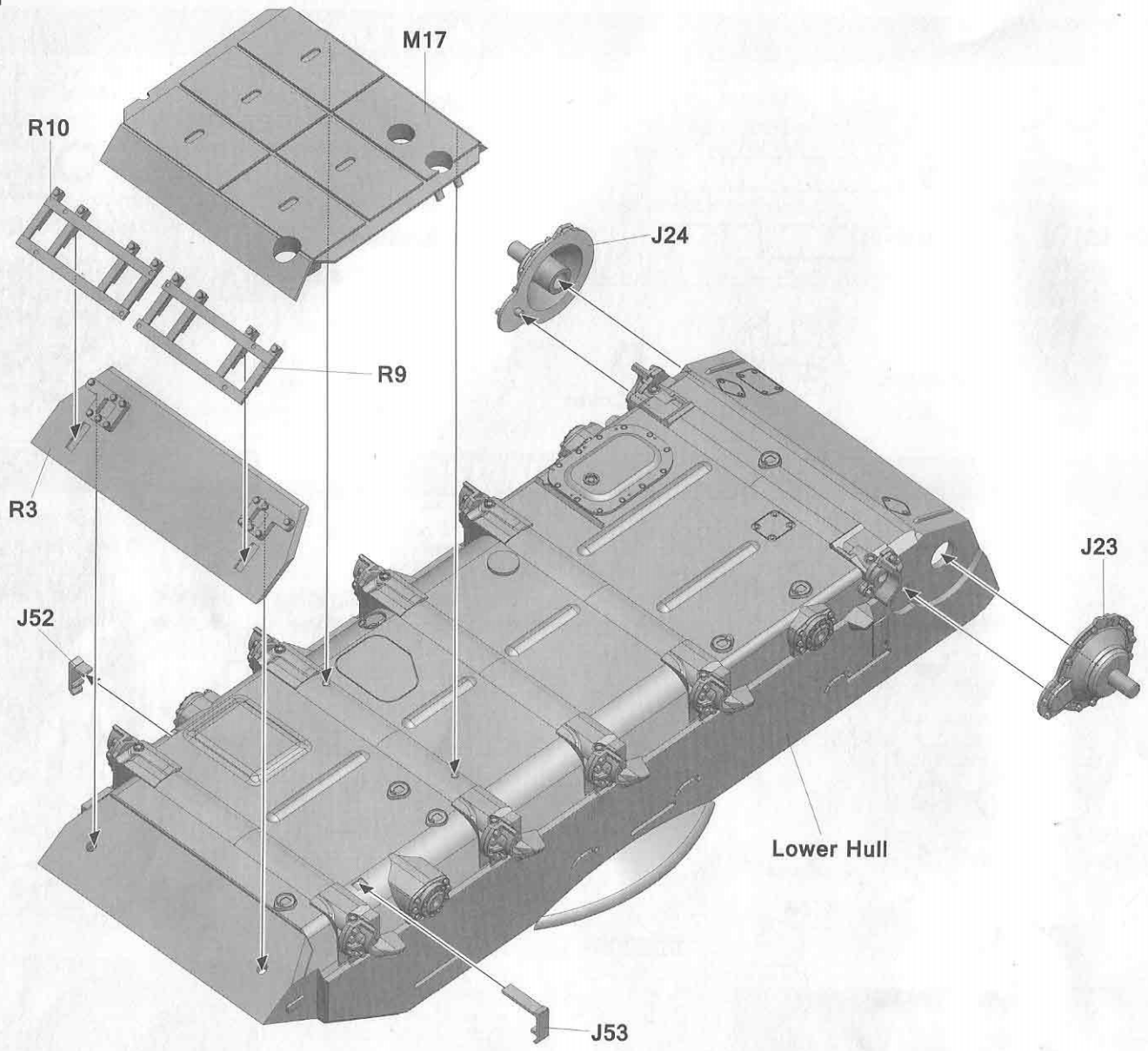


TP



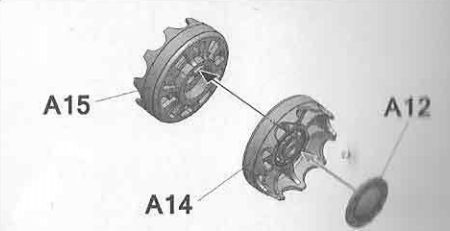
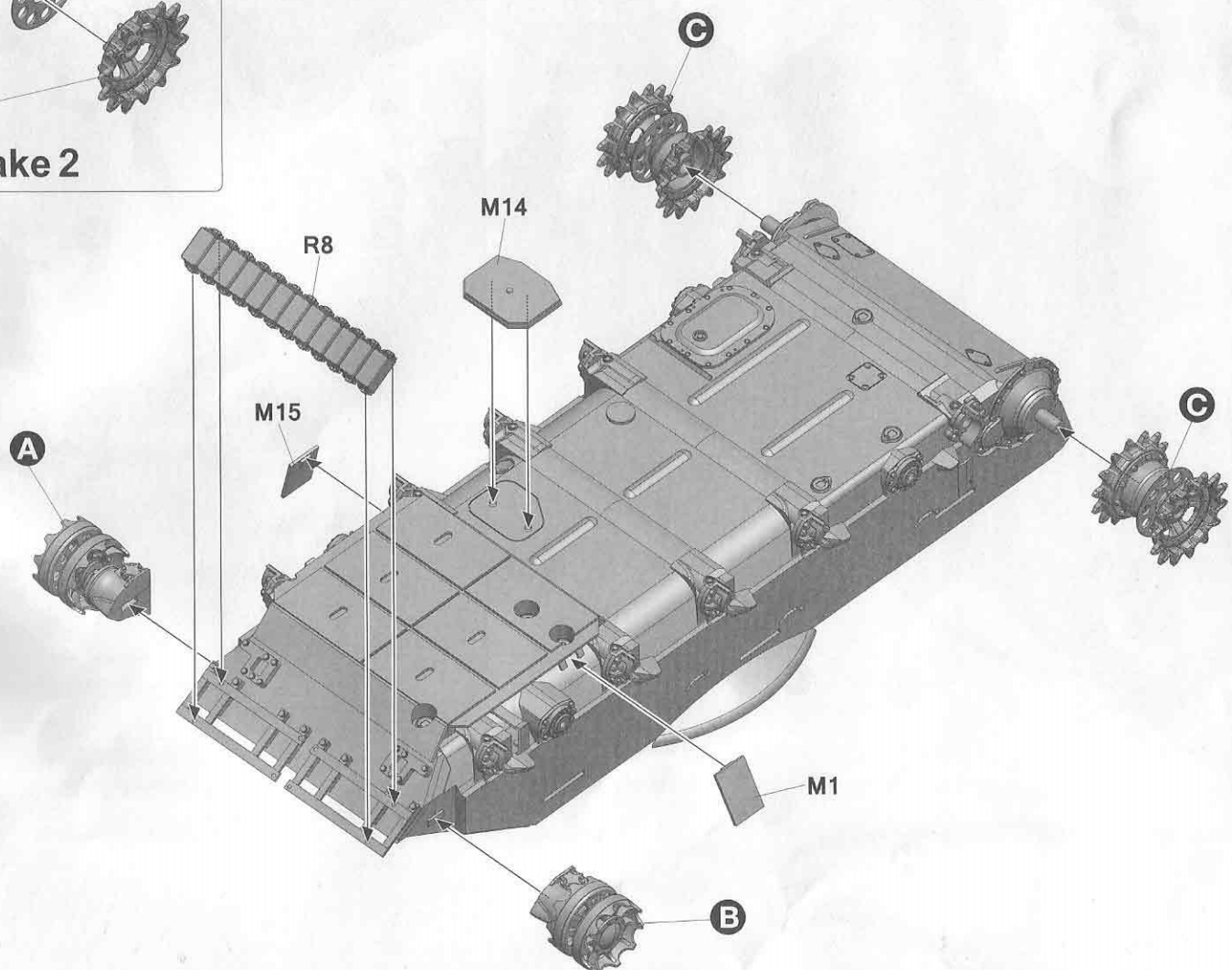
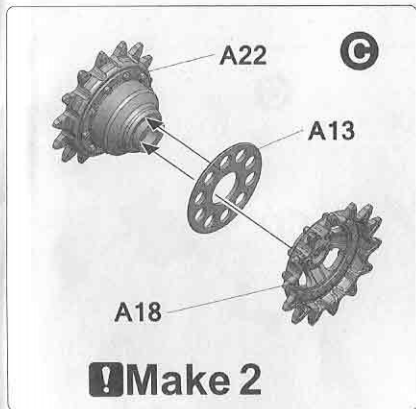
Decal

1

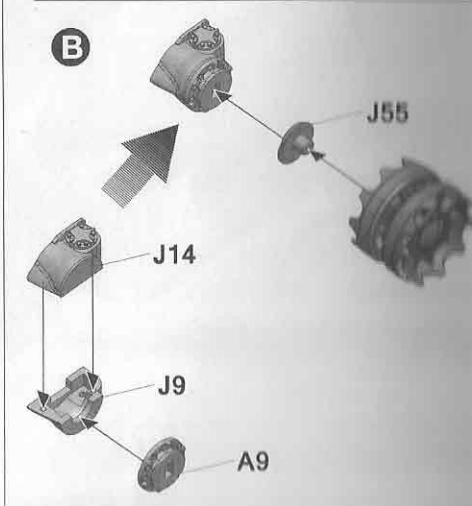
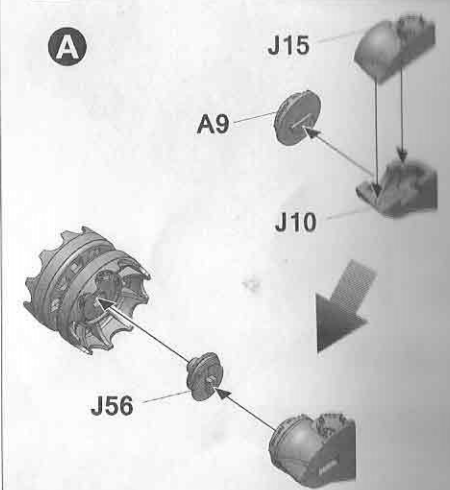


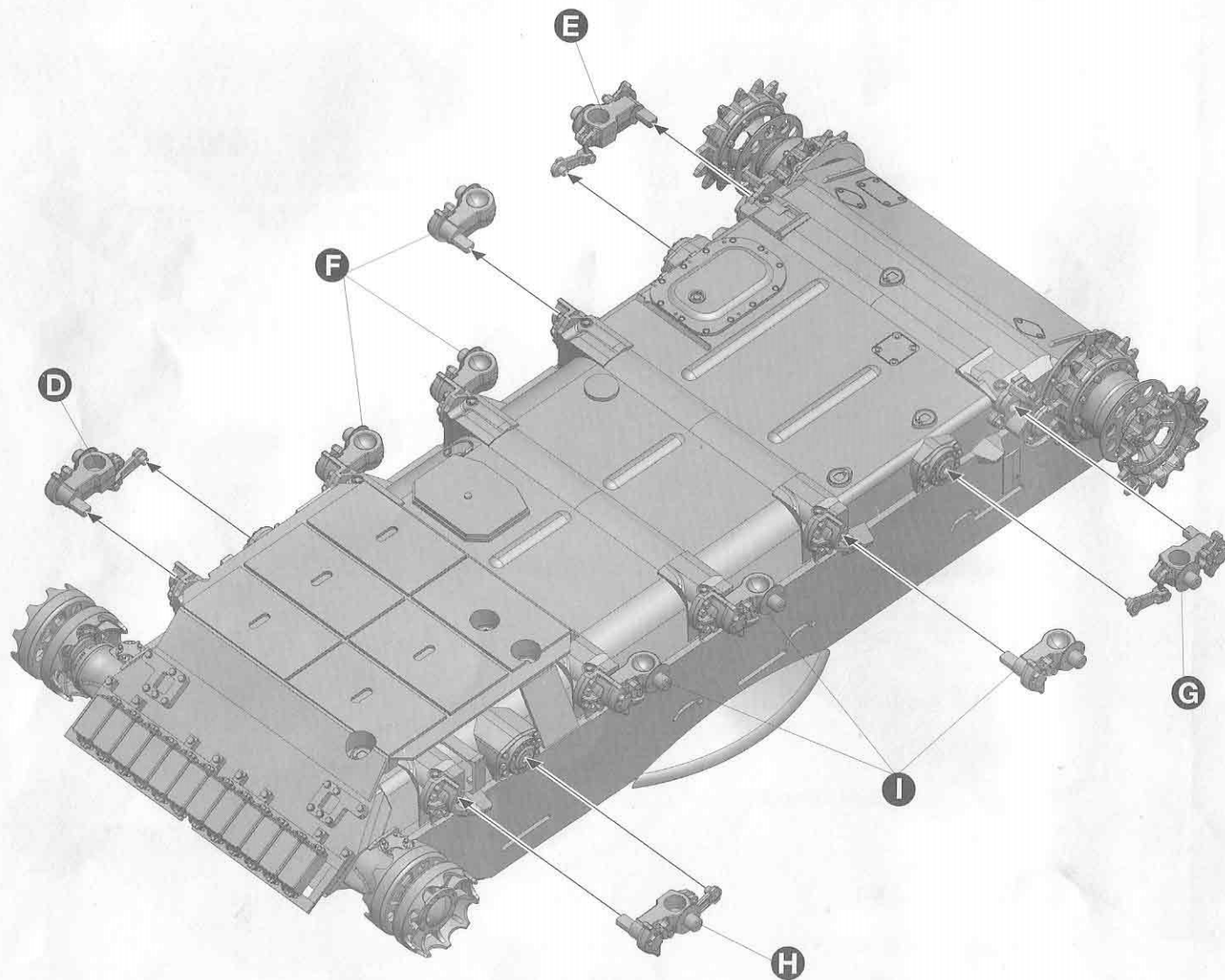


2

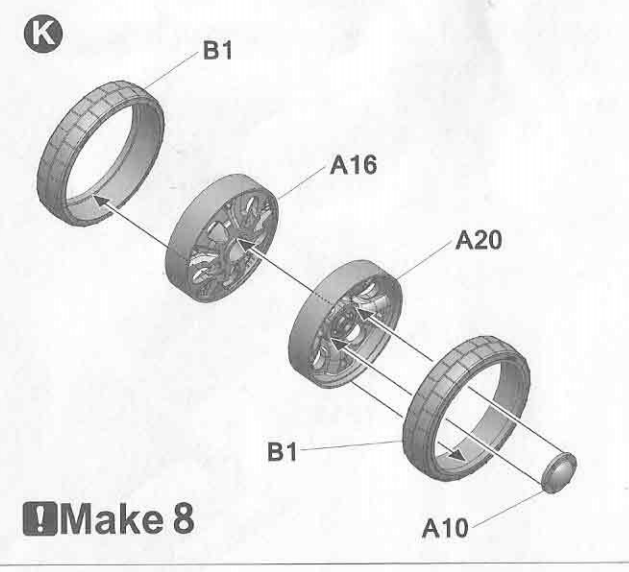
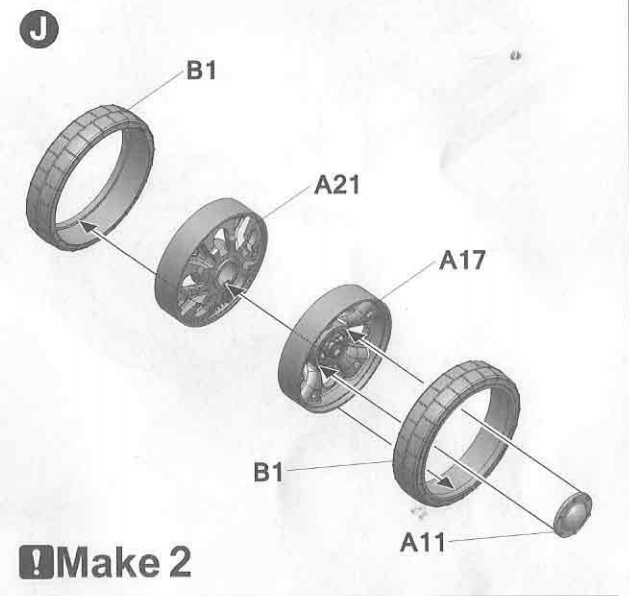
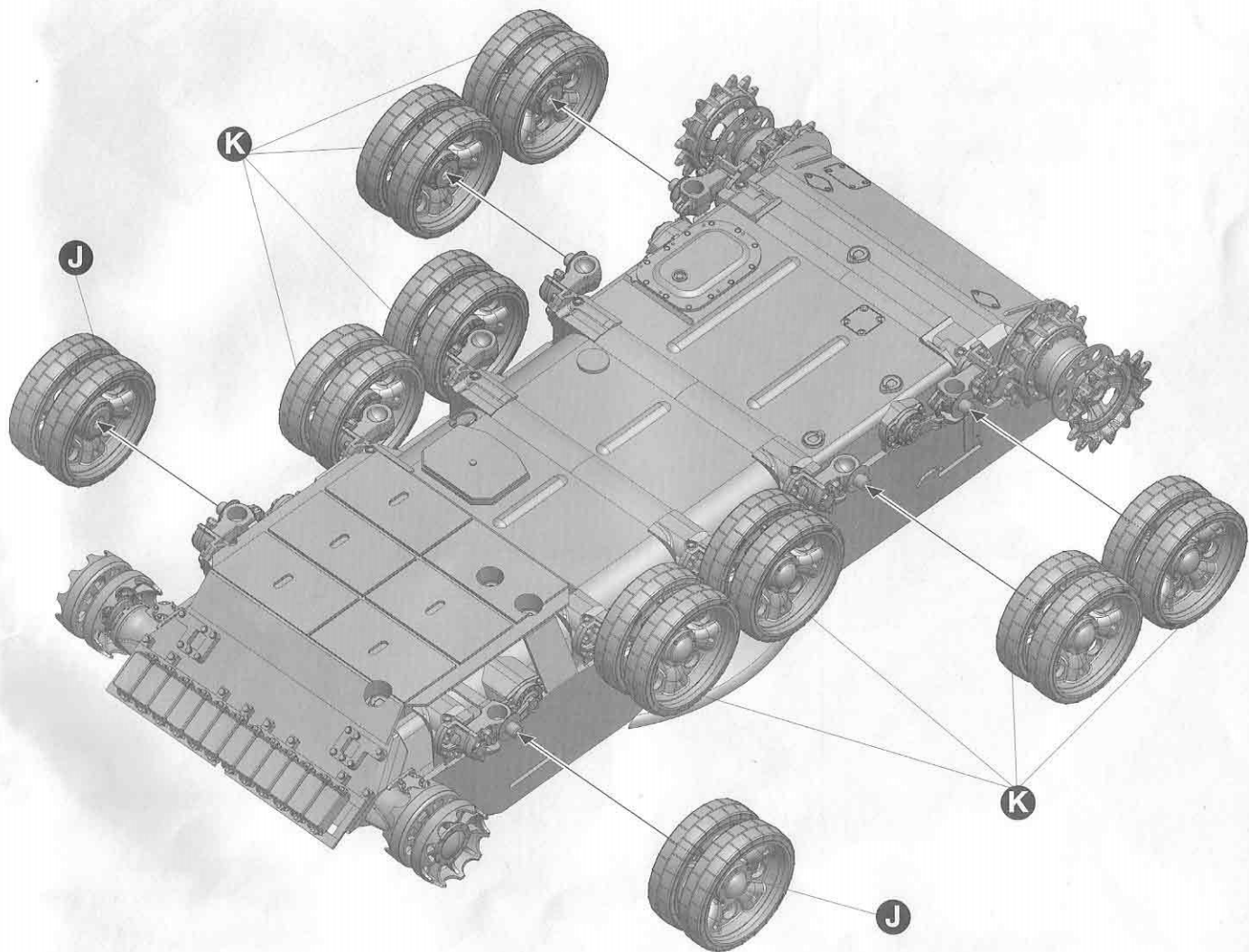


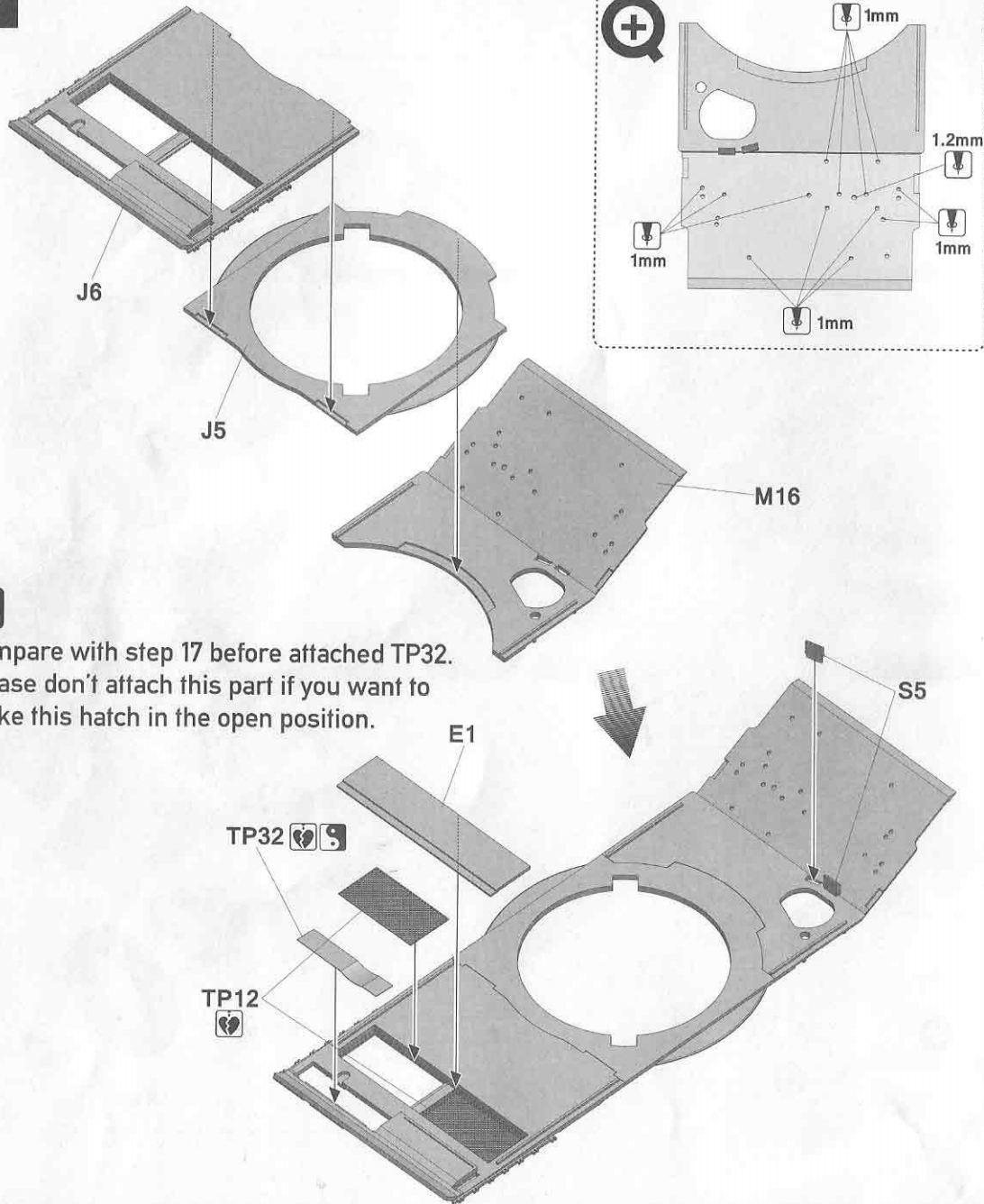
**Make 2**



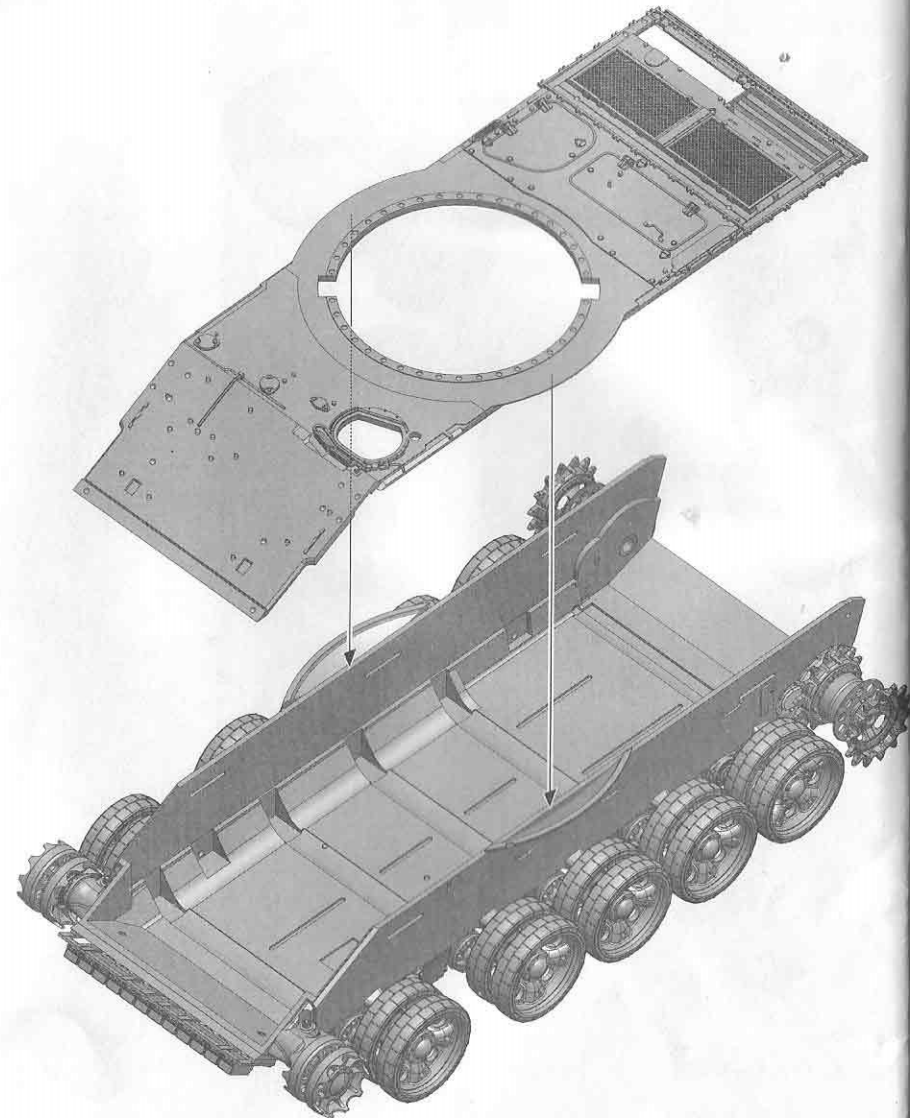


<p><b>D</b></p> <p>A6, A1, A4</p>	<p><b>G</b></p> <p>A4, A1, A7</p>
<p><b>E</b></p> <p>A6, A2, A5</p>	<p><b>H</b></p> <p>A2, A5, A7</p>
<p><b>F</b></p> <p>A6, A8</p> <p><b>Make 3</b></p>	<p><b>I</b></p> <p>A3, A7</p> <p><b>Make 3</b></p>

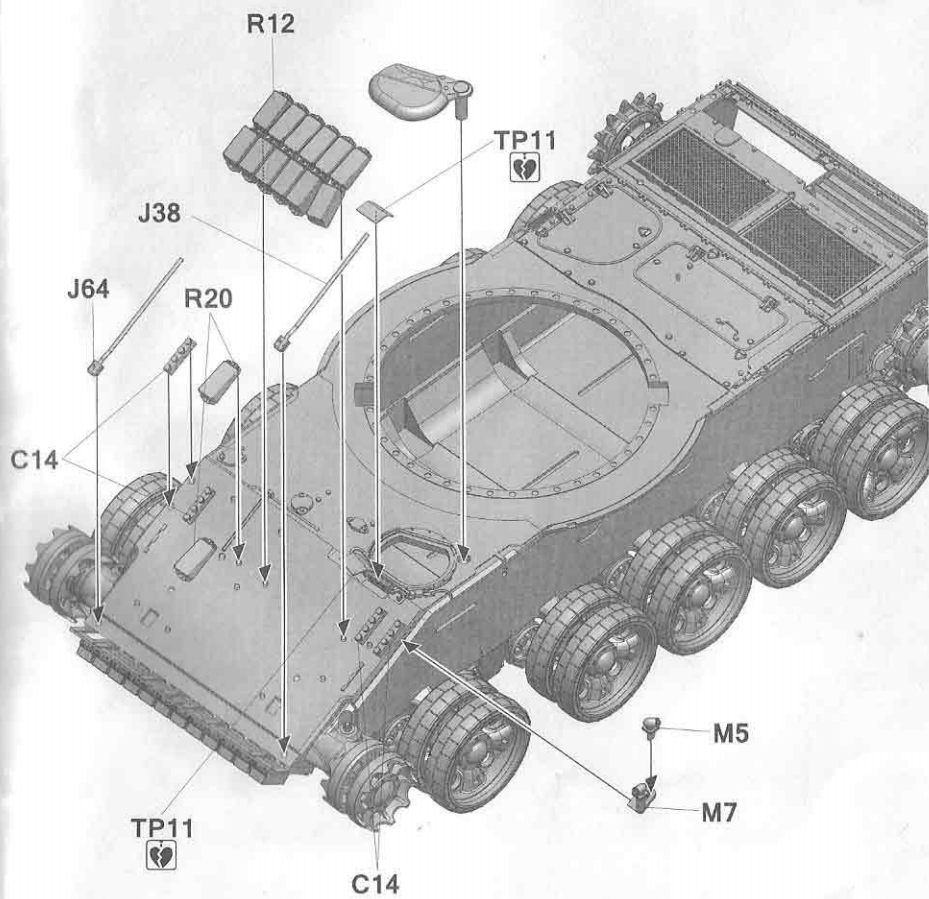
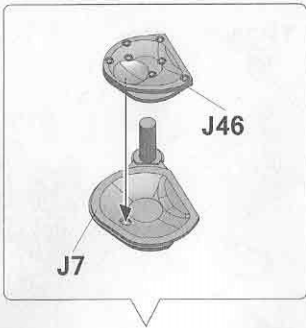




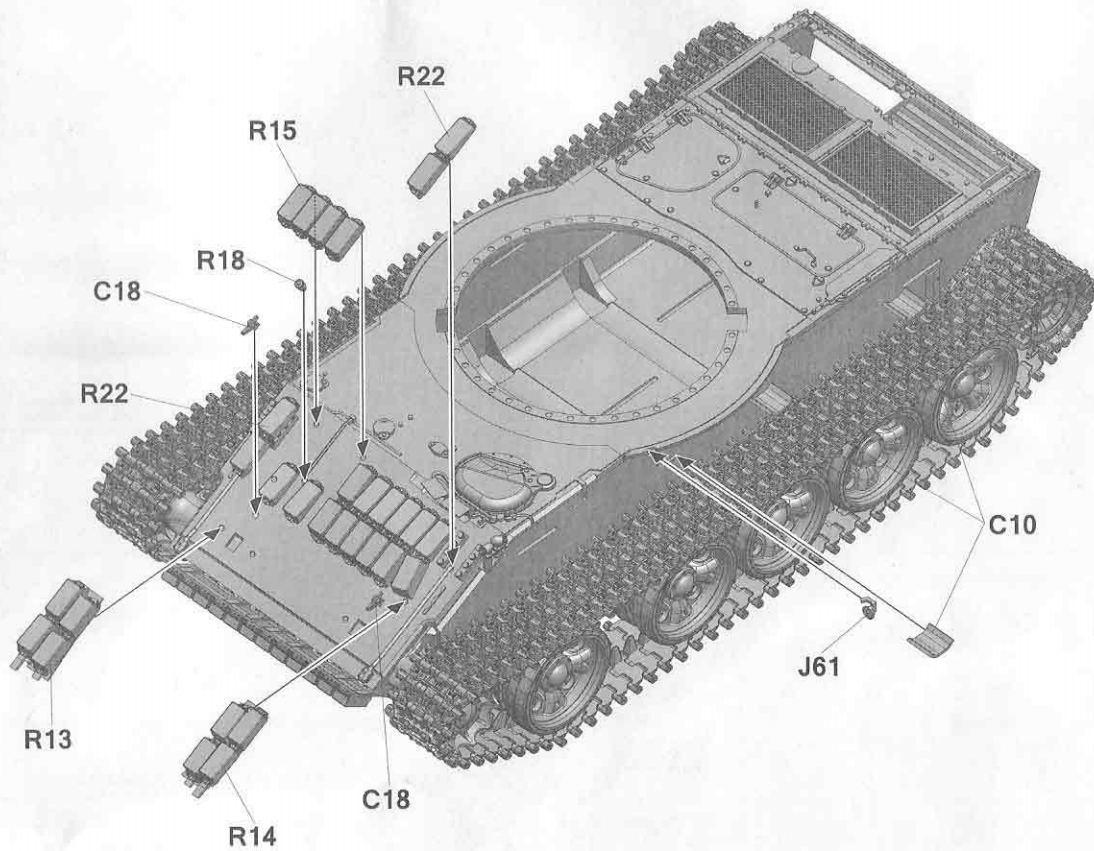
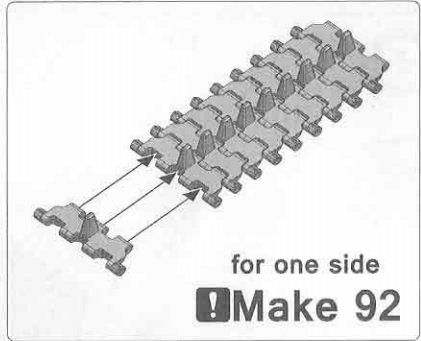
**!** Compare with step 17 before attached TP32. Please don't attach this part if you want to make this hatch in the open position.



6



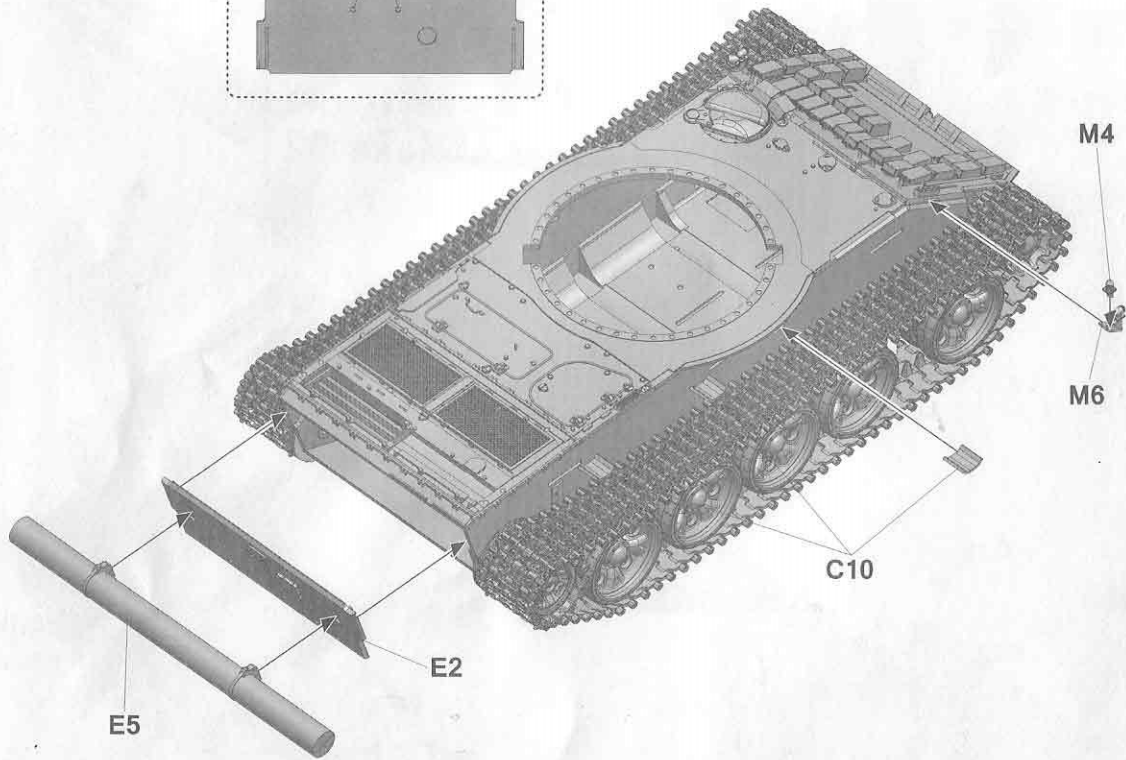
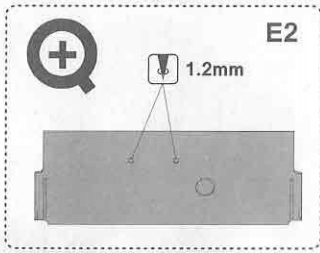
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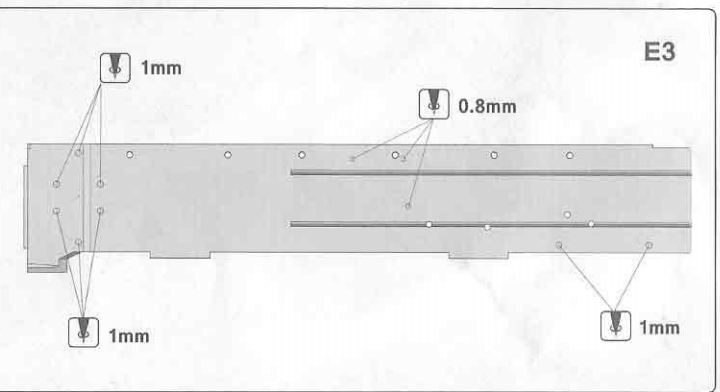
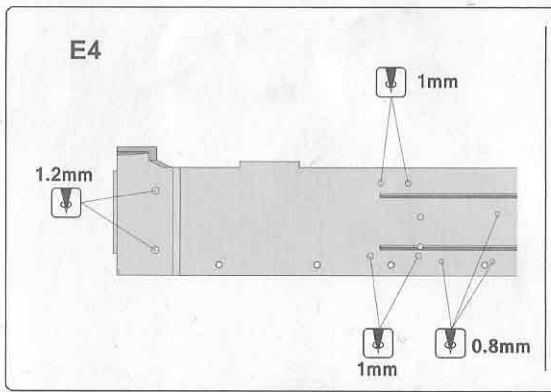
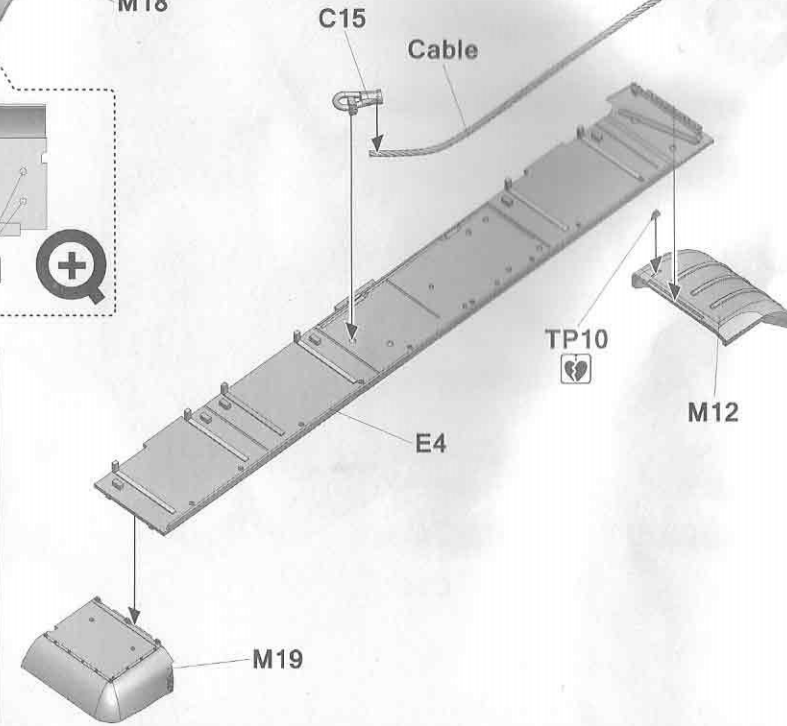
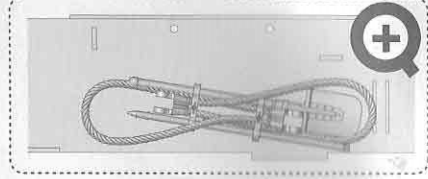
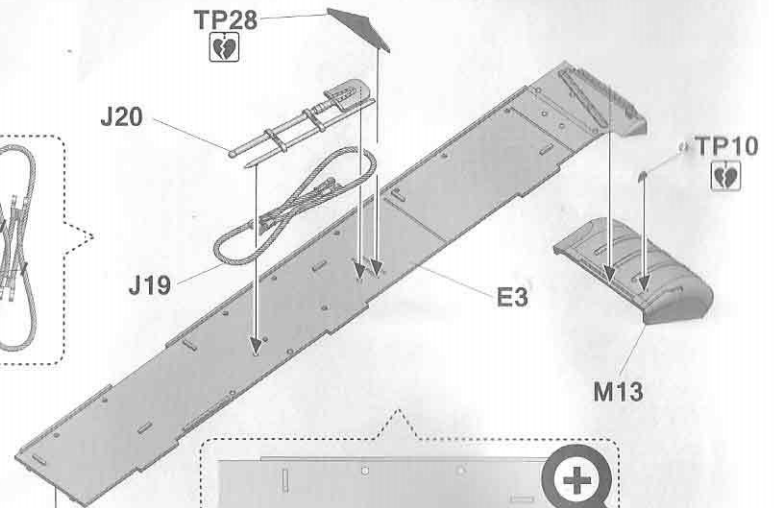
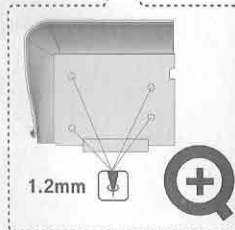
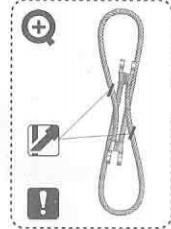
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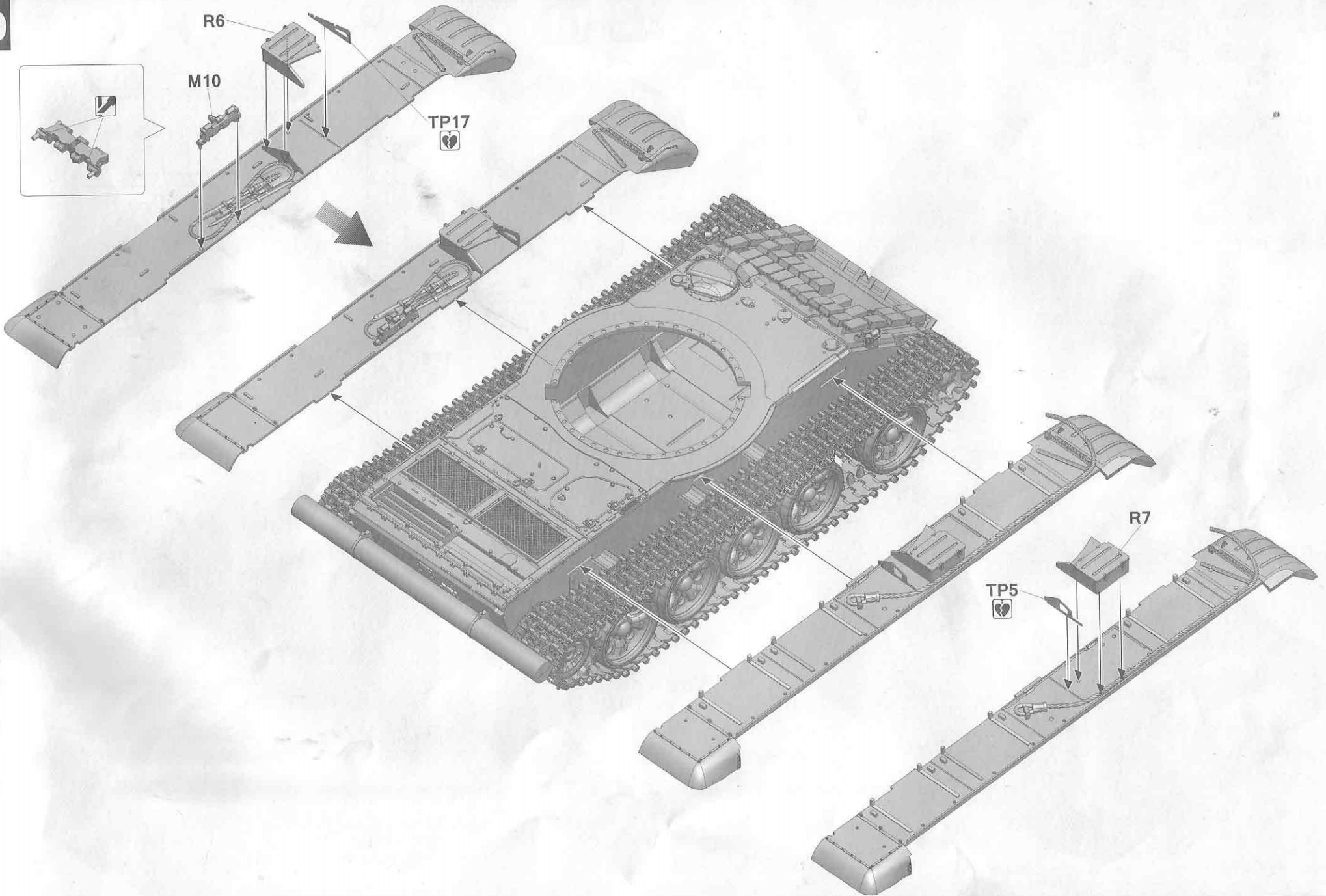


8

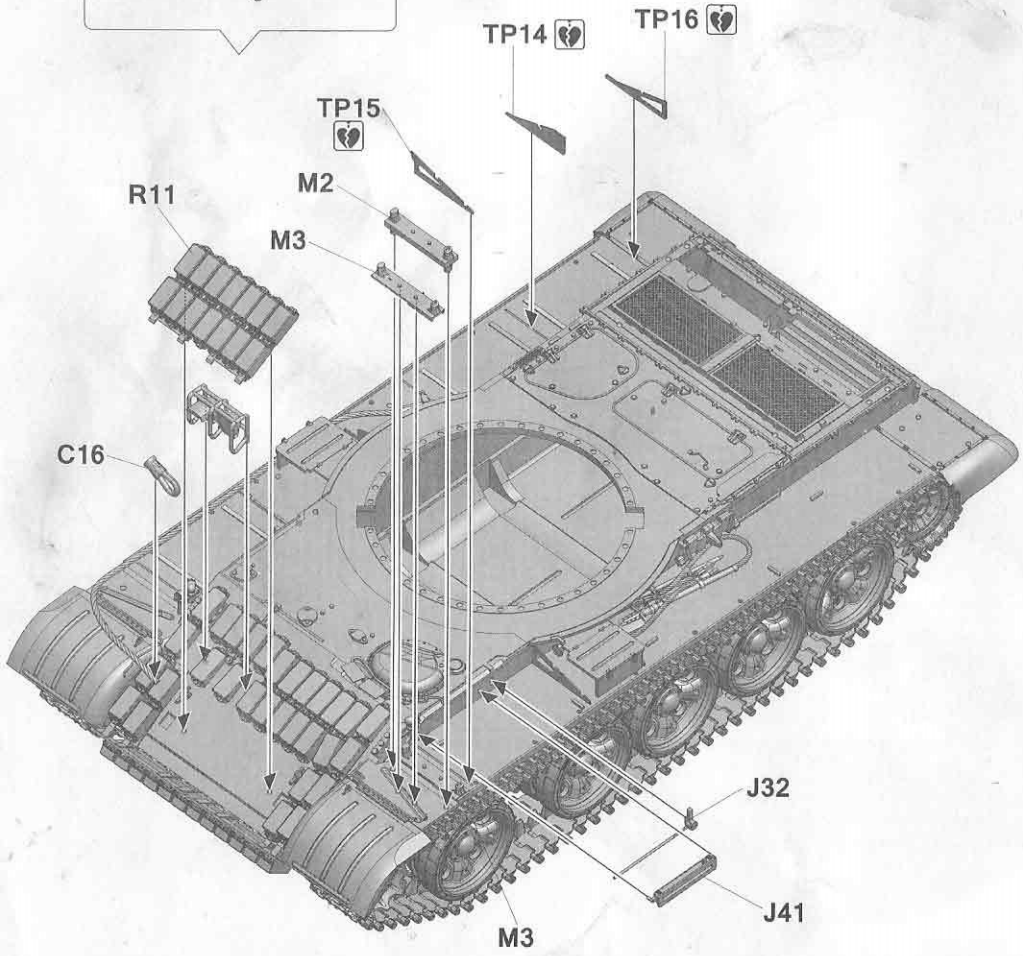
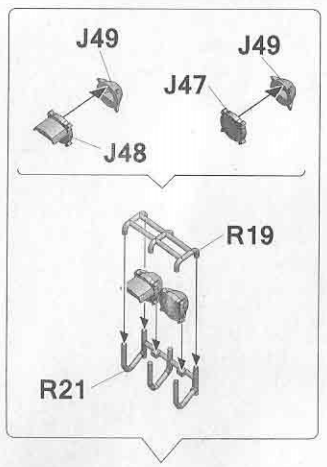


9

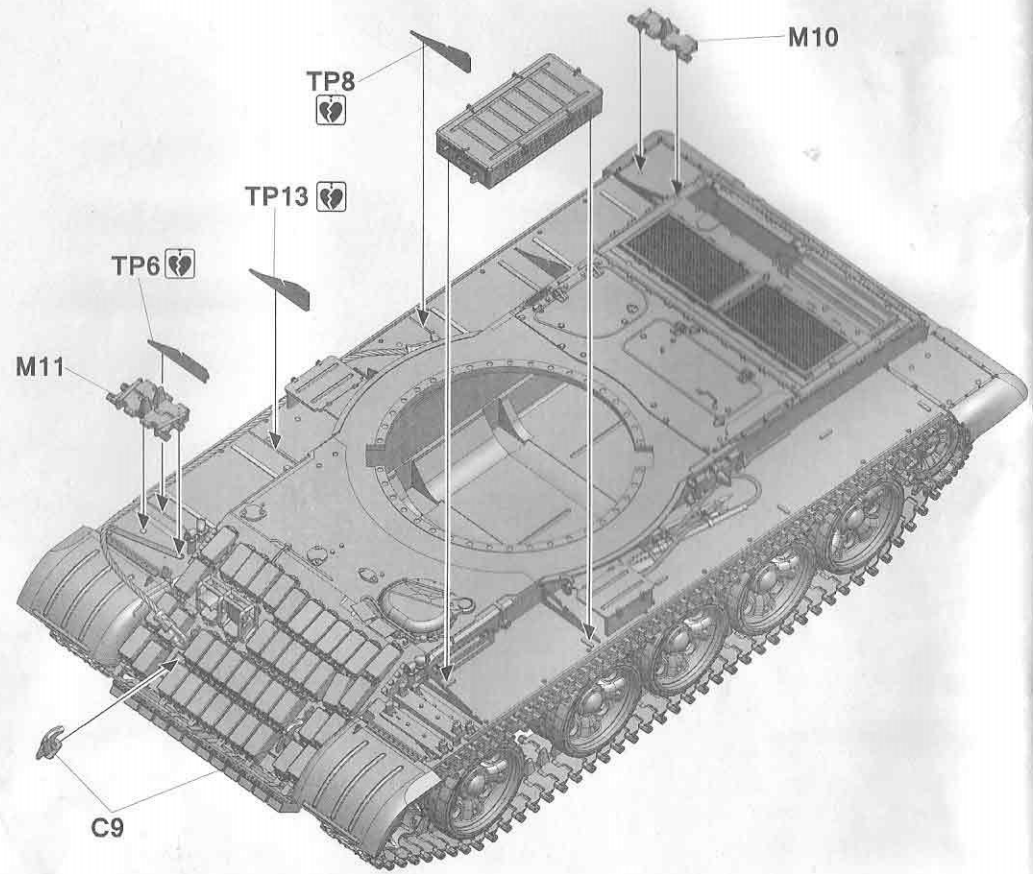
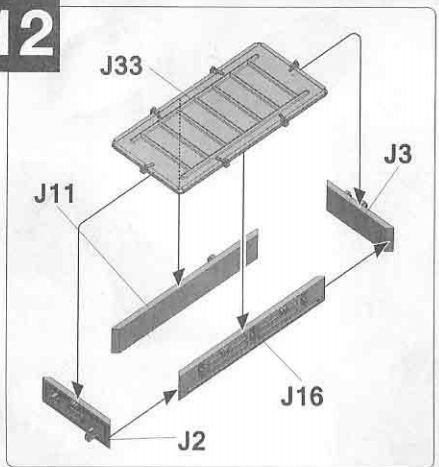




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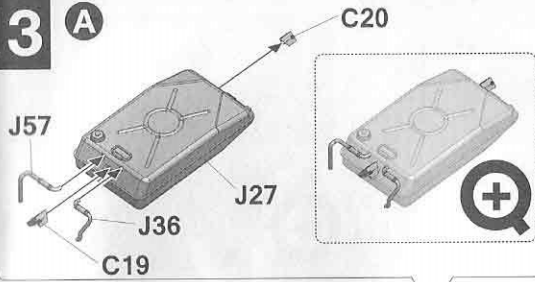


12

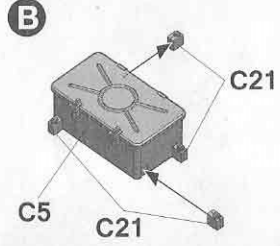


13

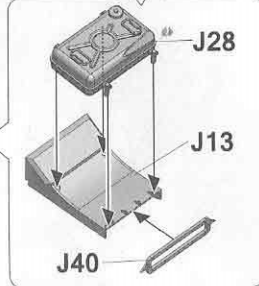
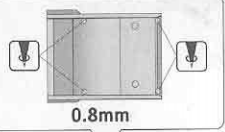
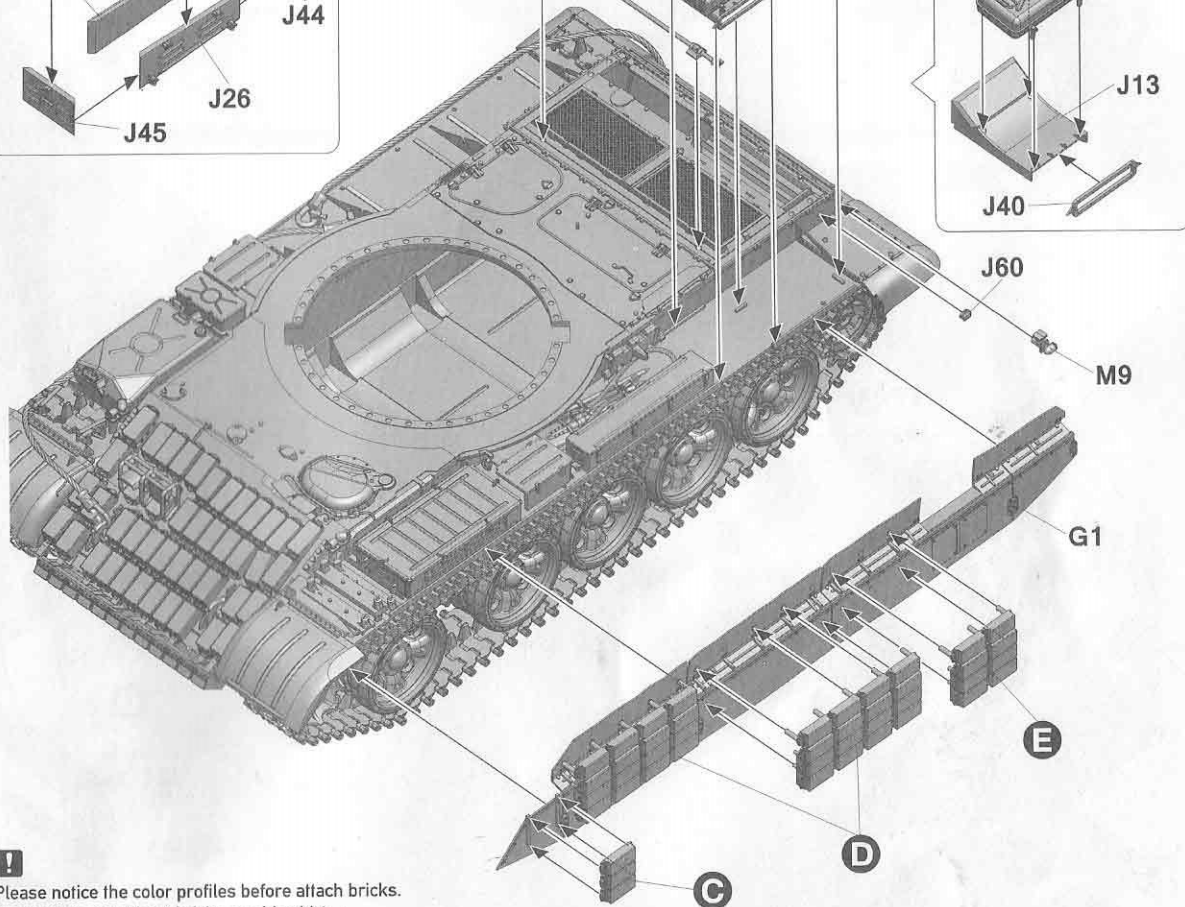
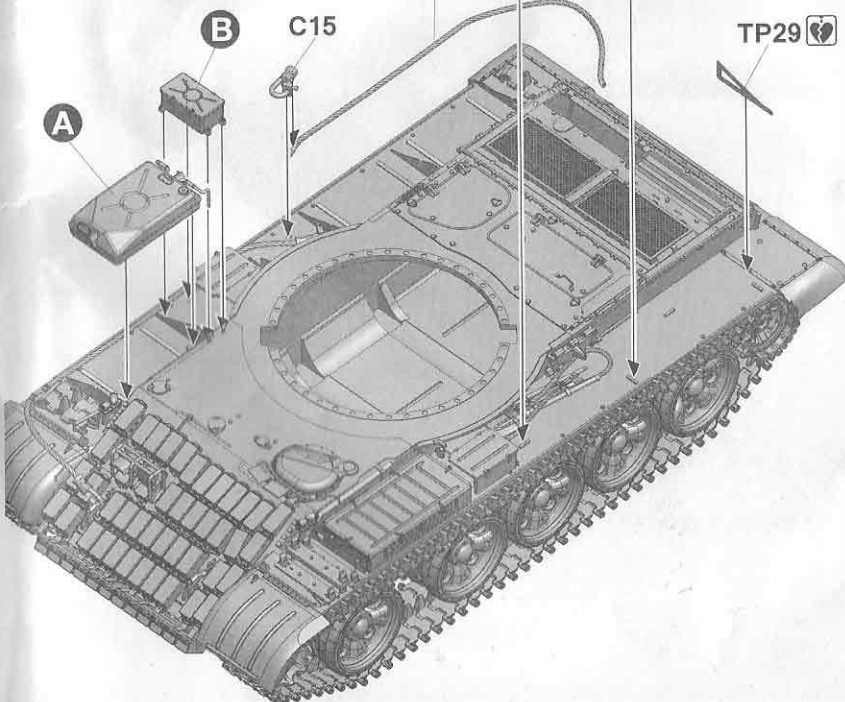
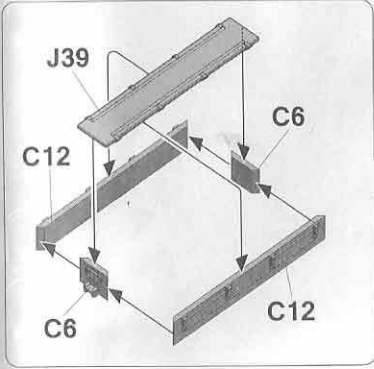
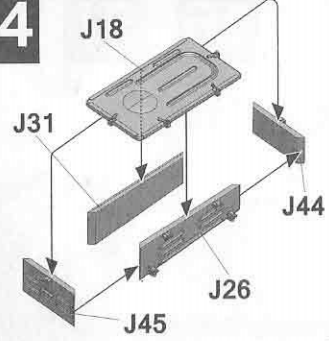
A



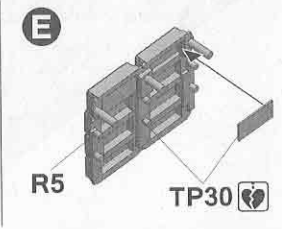
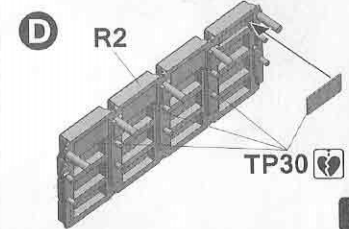
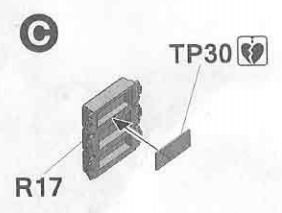
B



14



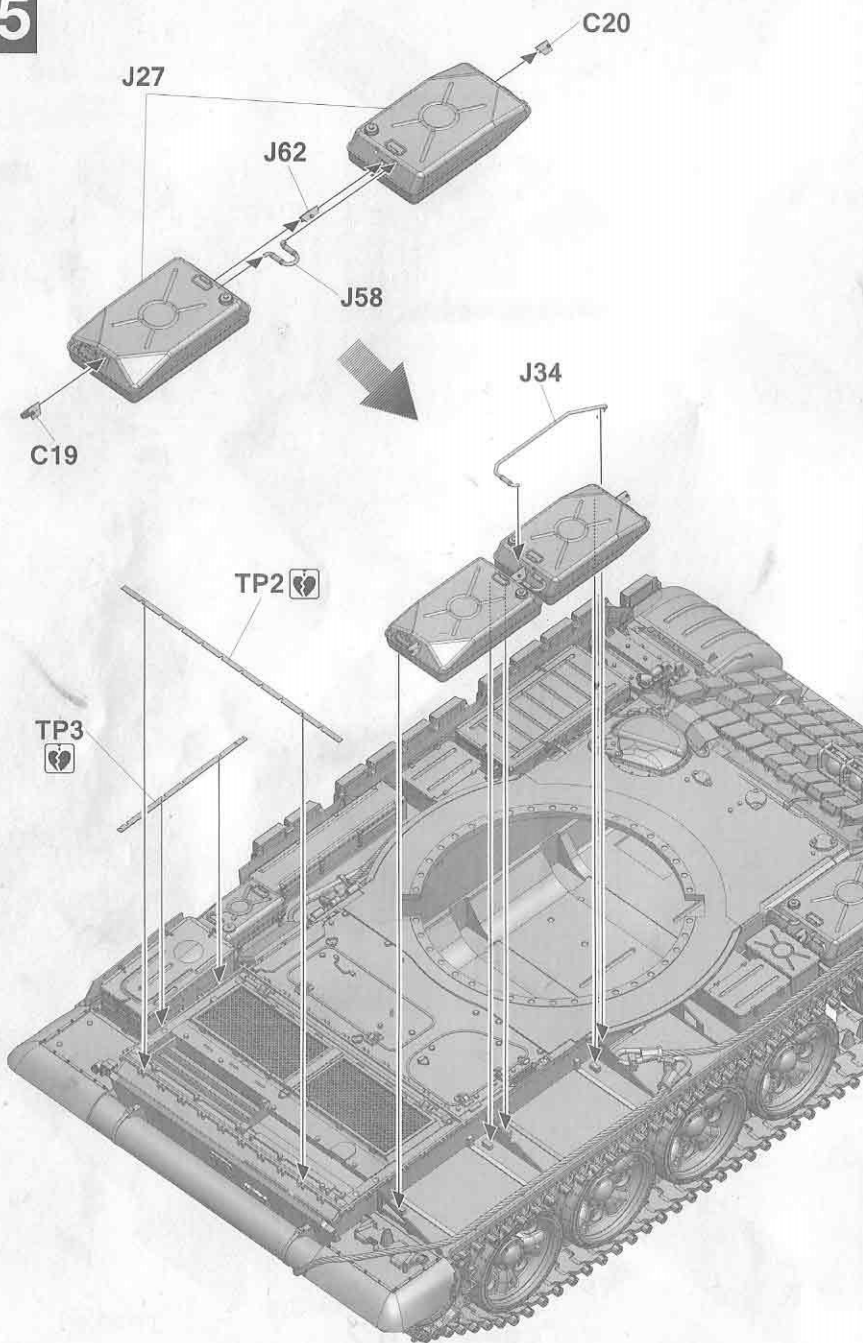
! Please notice the color profiles before attach bricks. Many versions without bricks on side skirt.



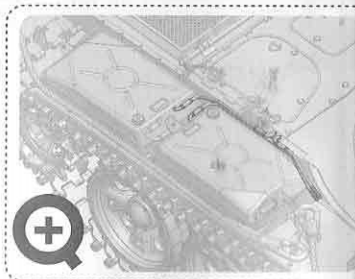
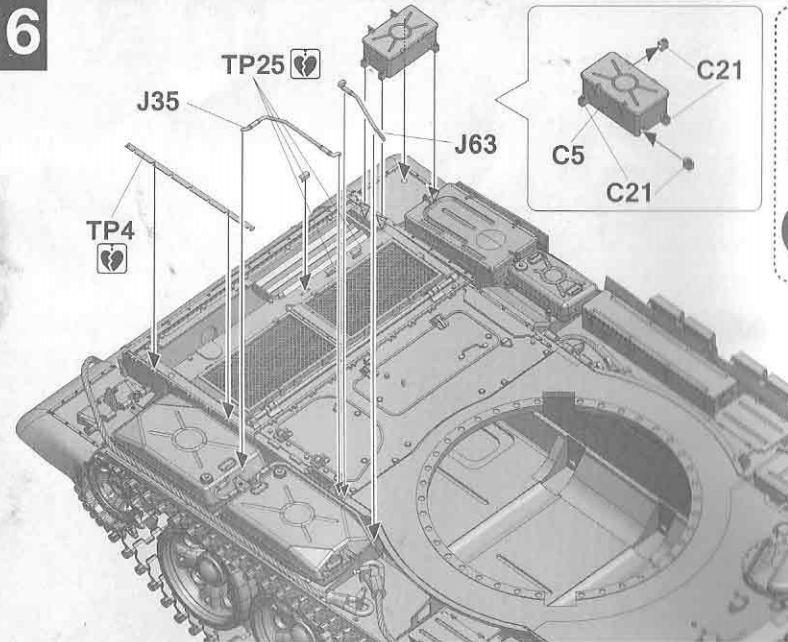
! Make 2



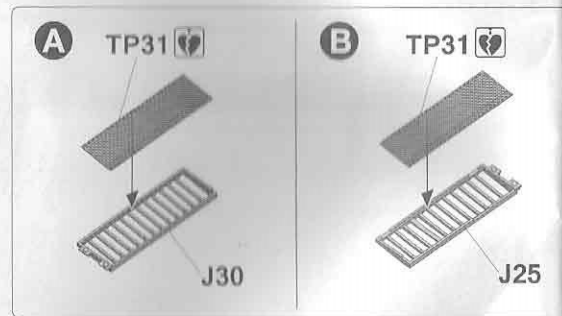
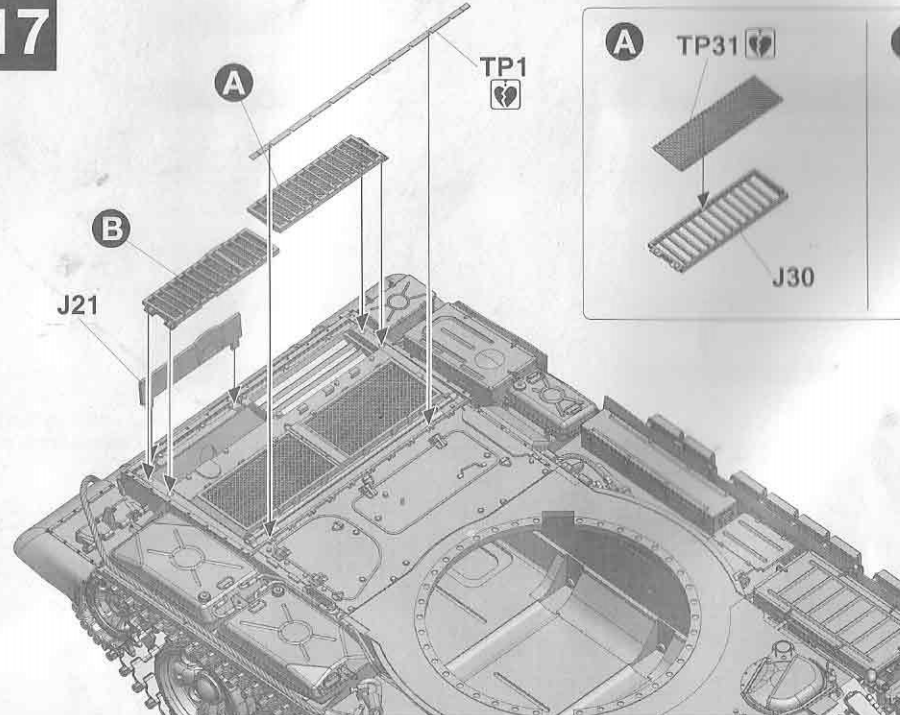
15



16

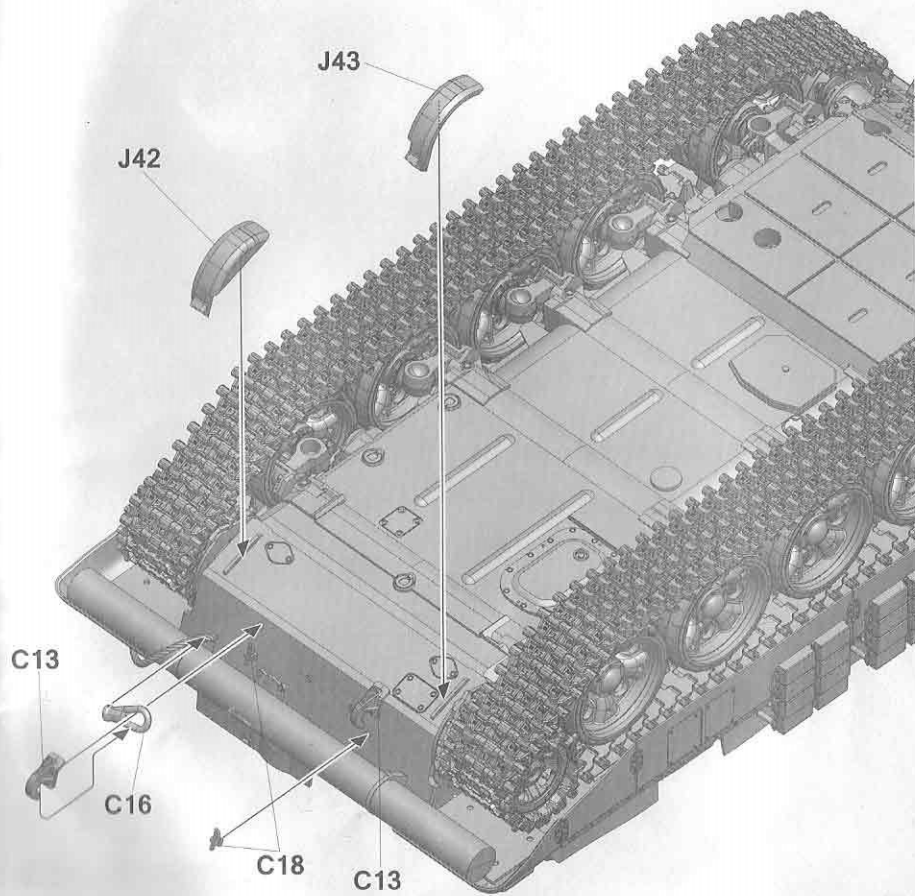


17

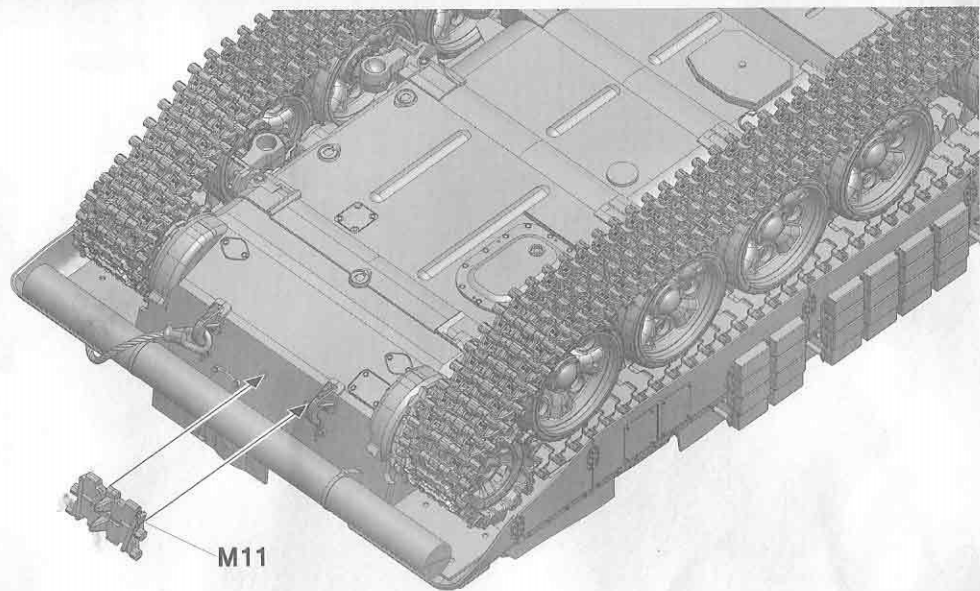




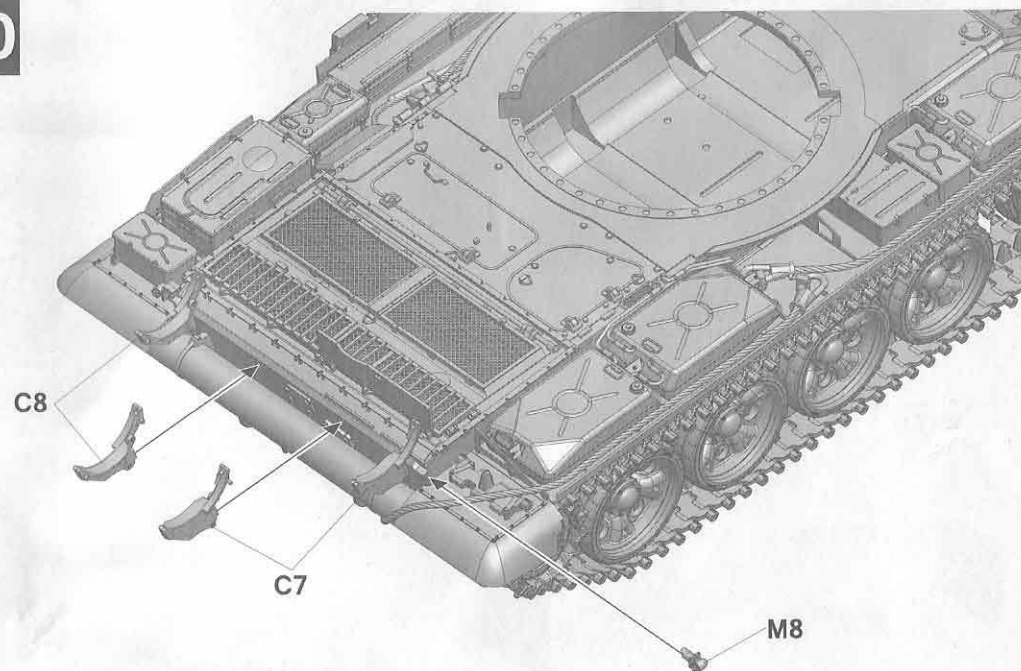
18



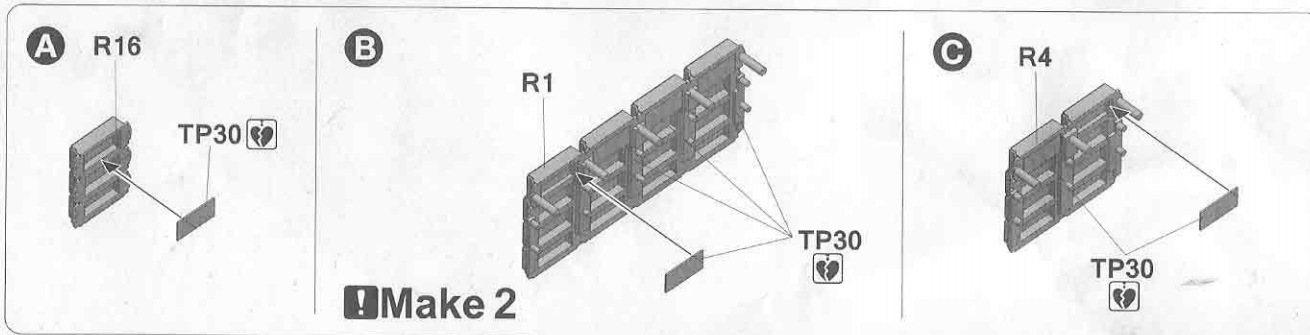
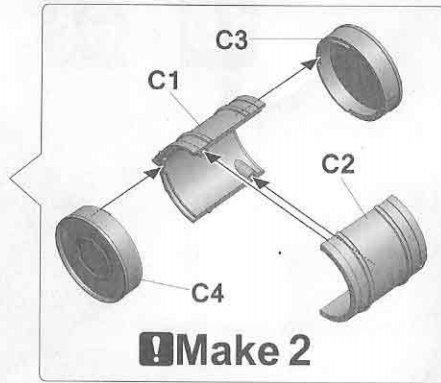
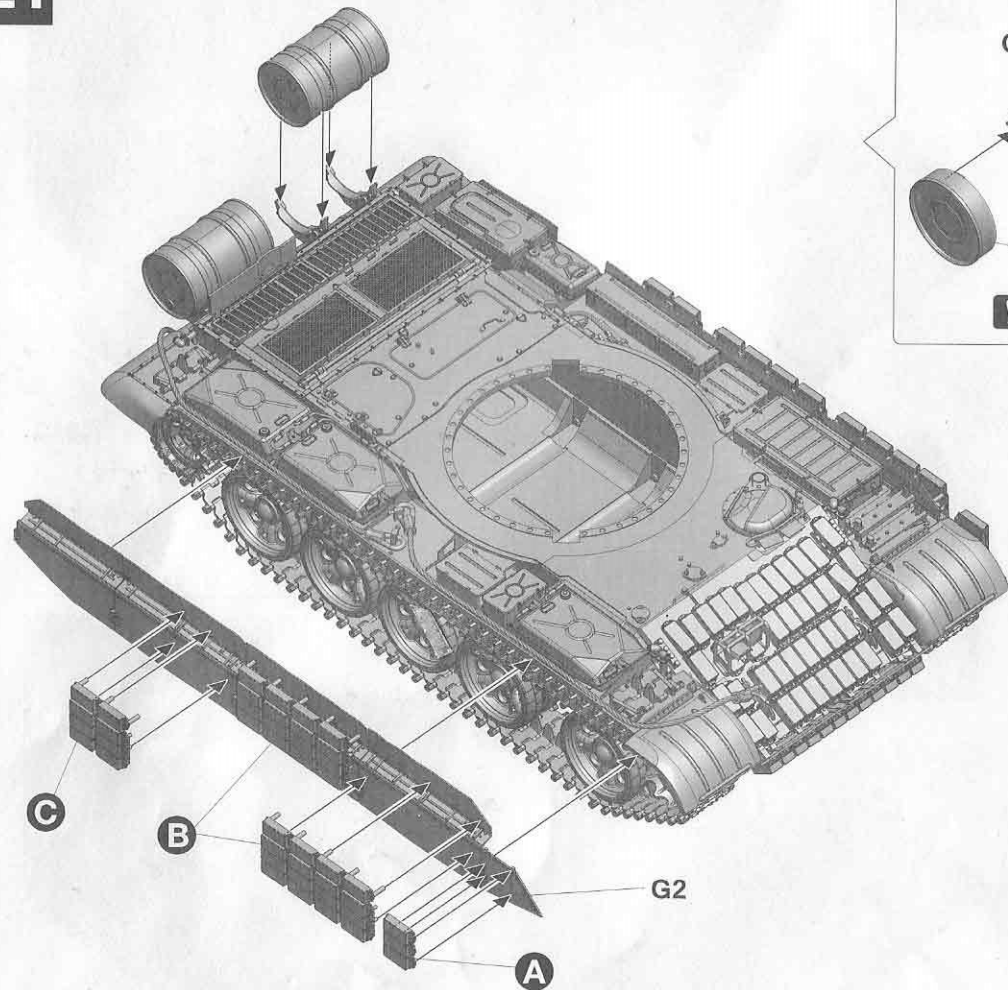
19



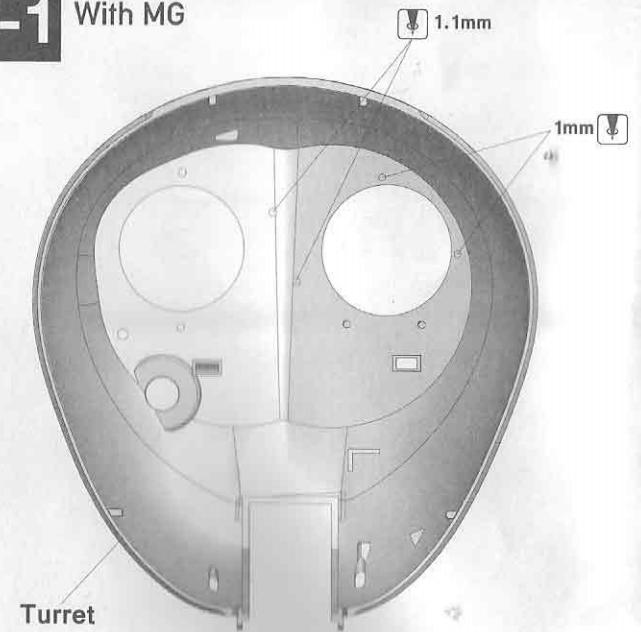
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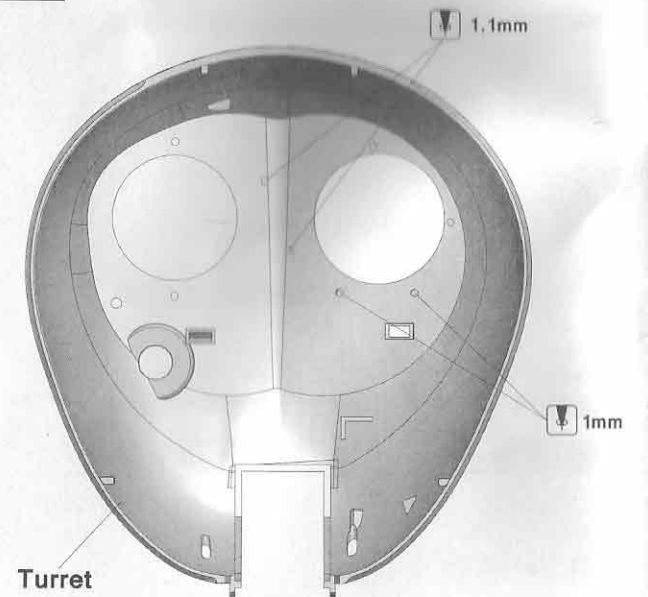
21



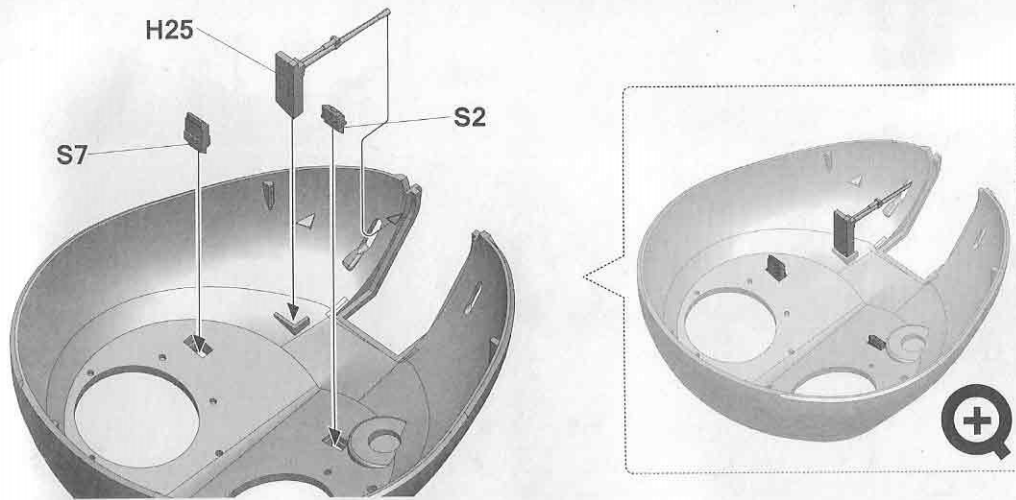
22-1 With MG



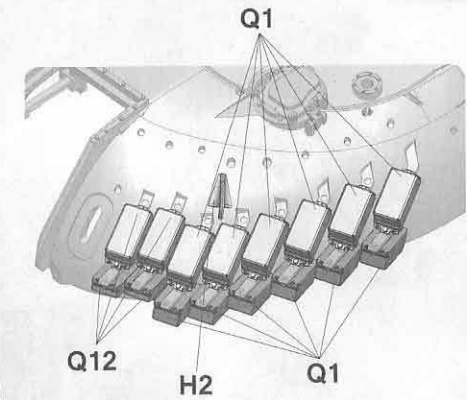
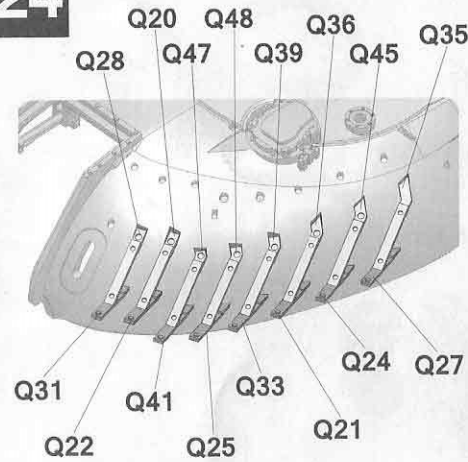
22-2 Without MG



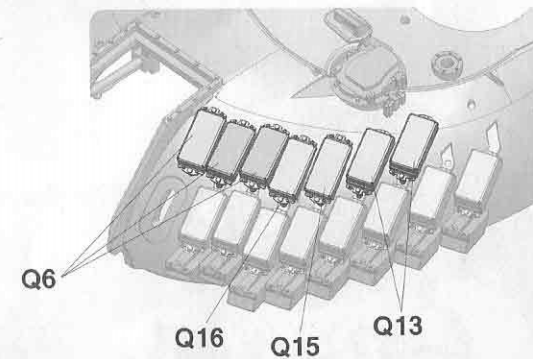
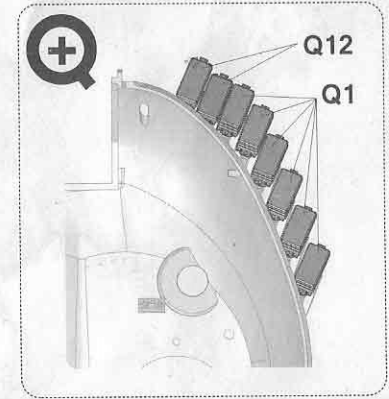
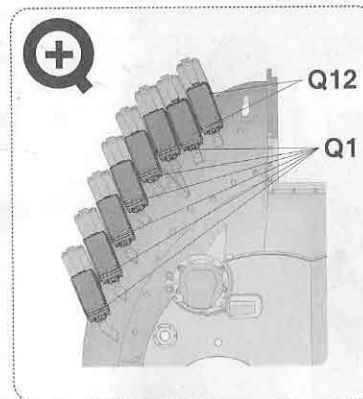
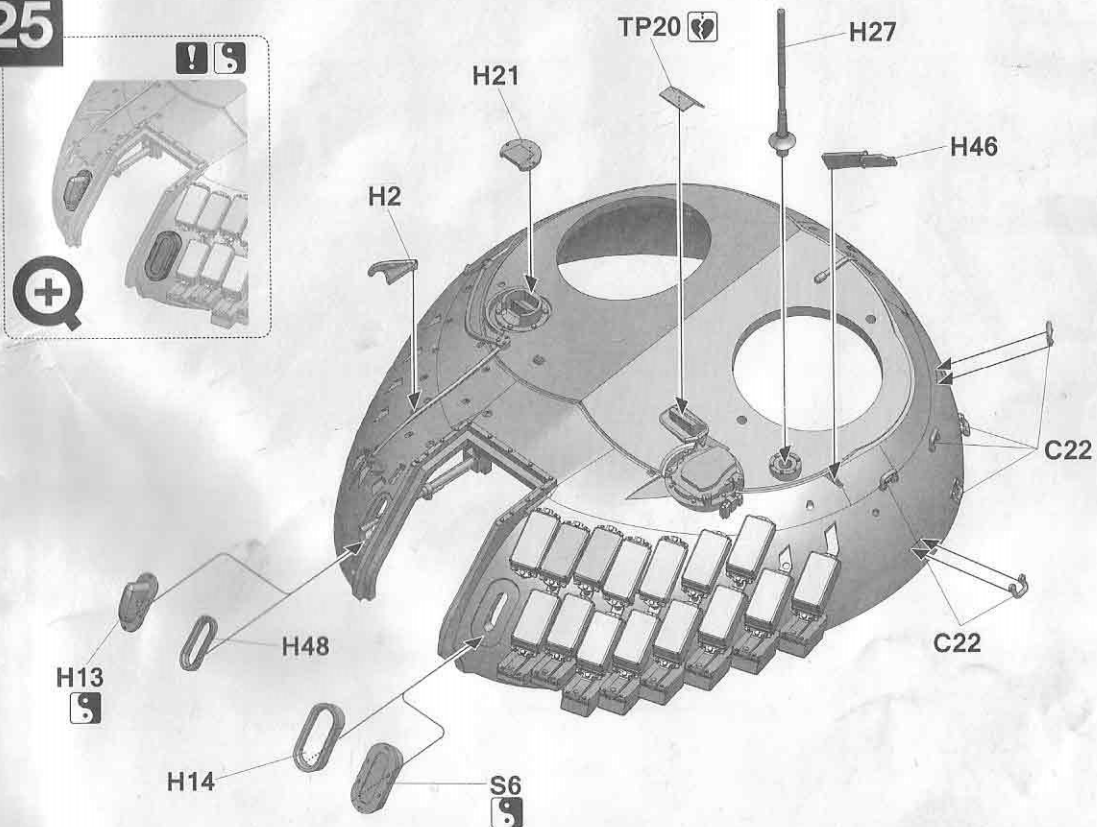
23



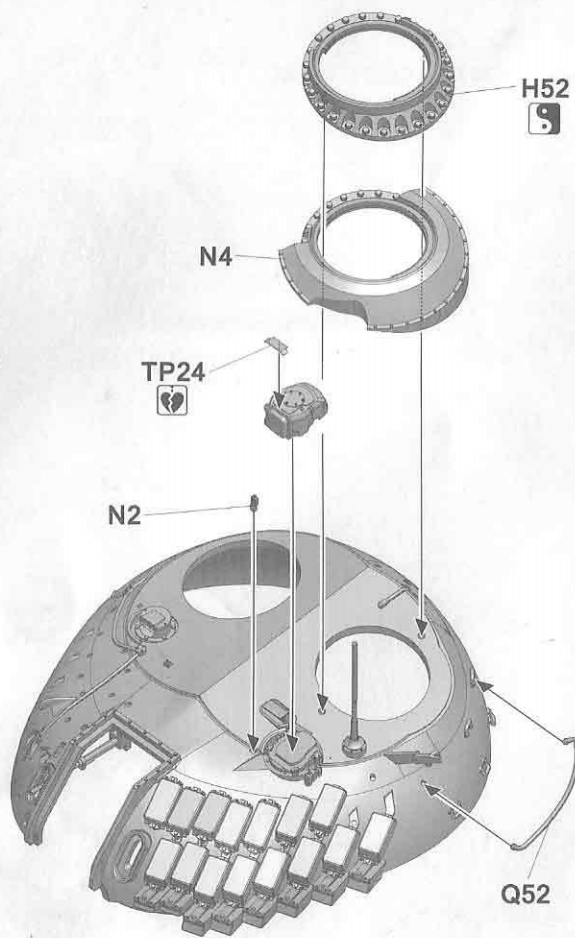
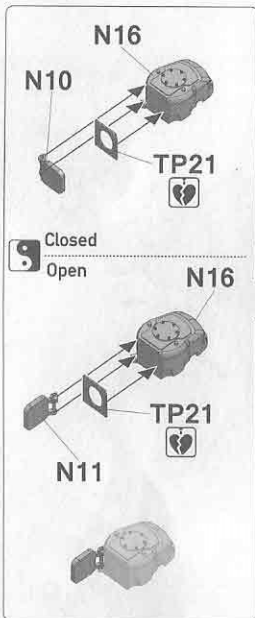
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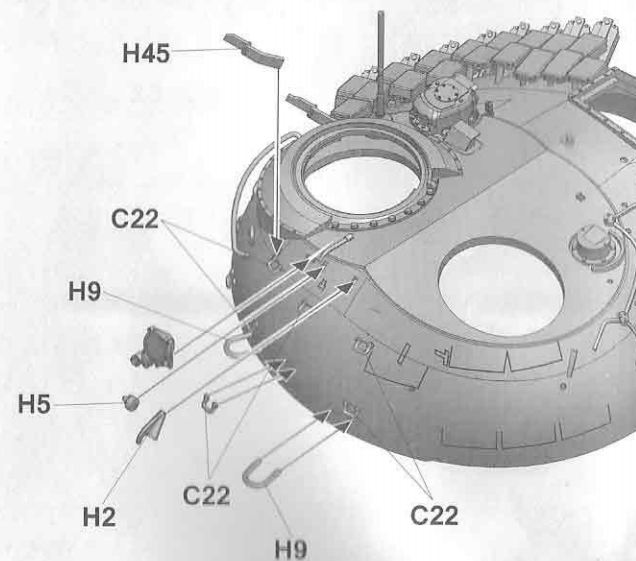
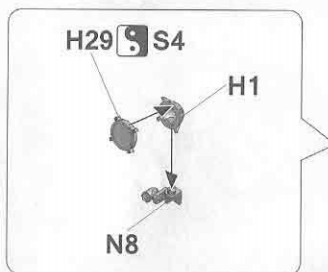
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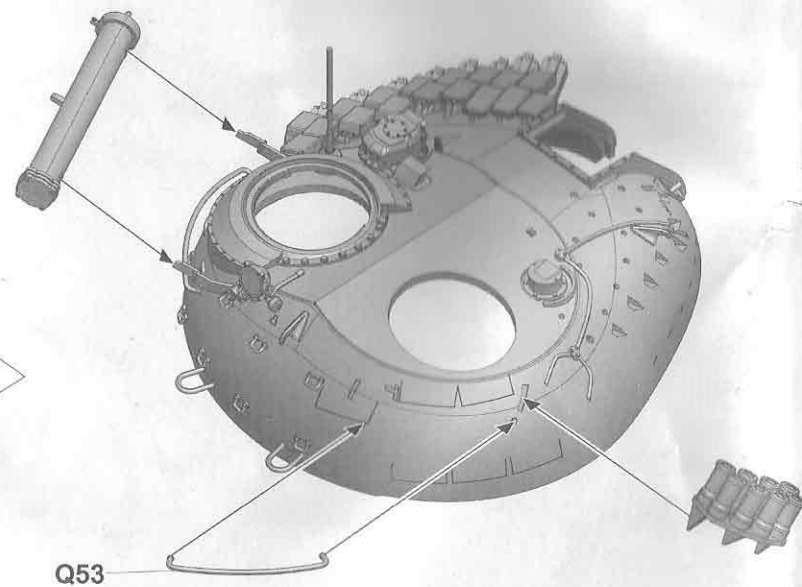
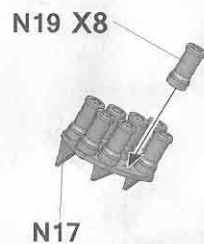
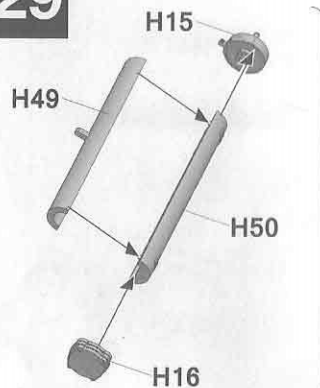
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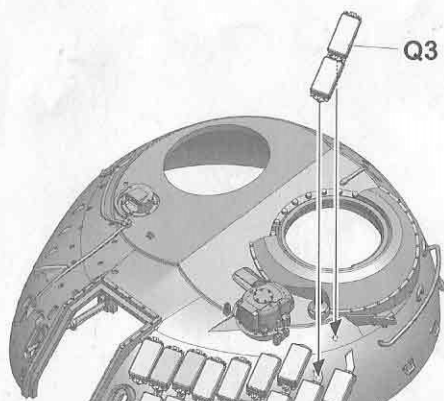
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29

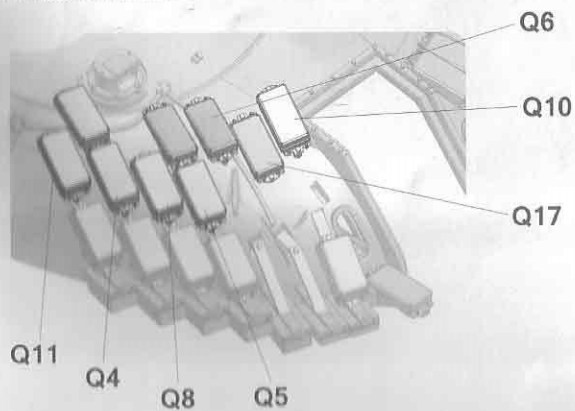
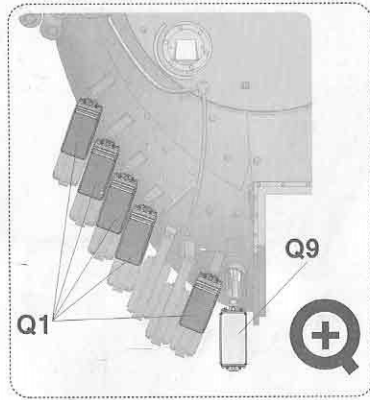
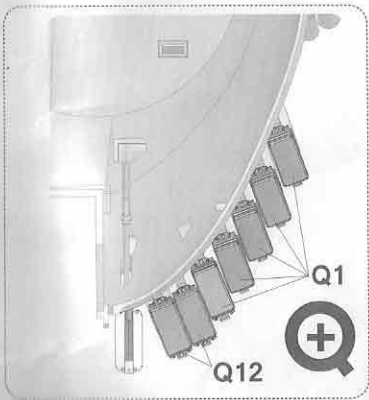
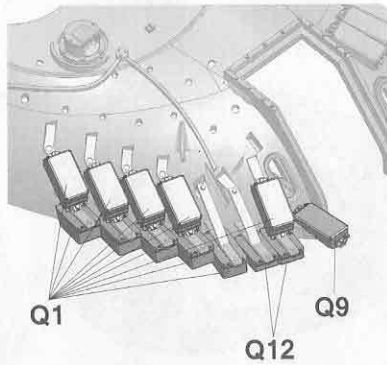
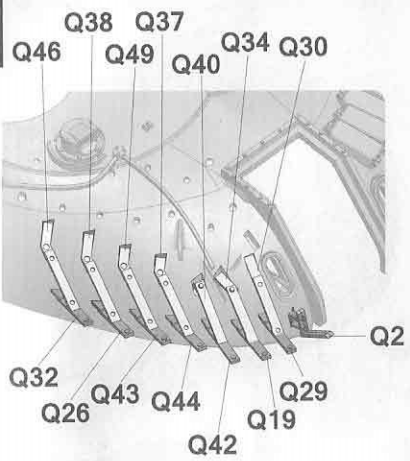


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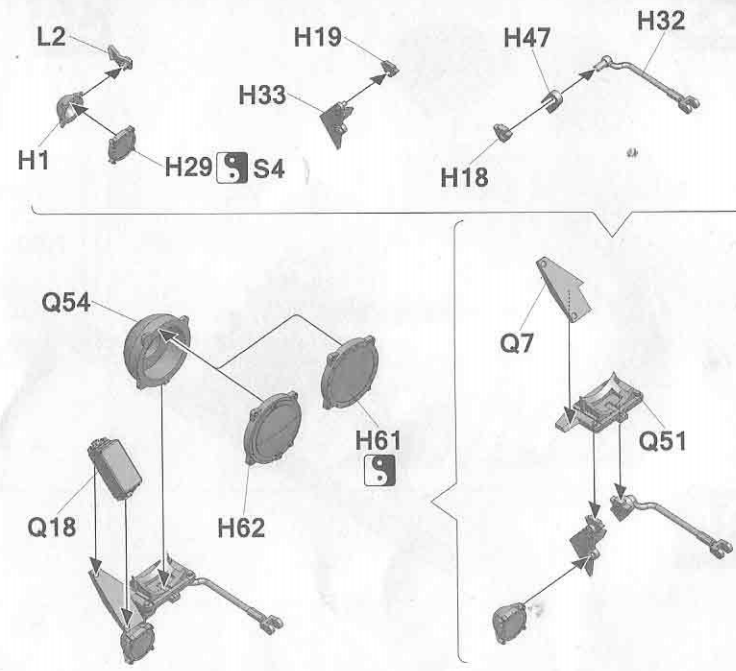
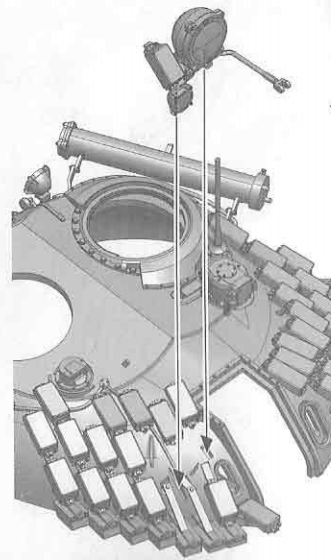




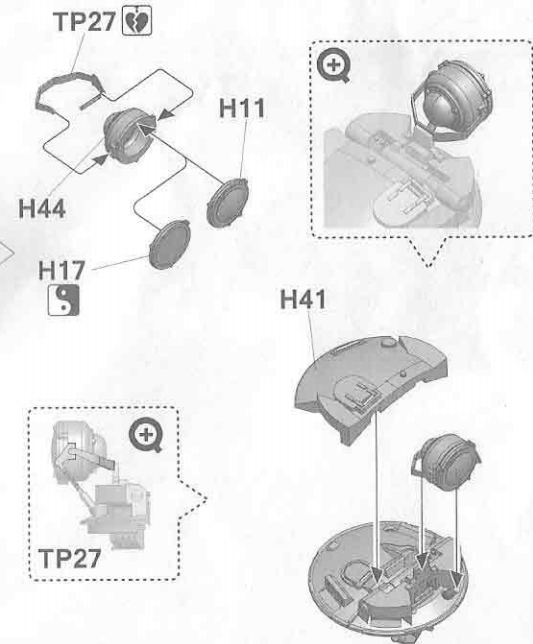
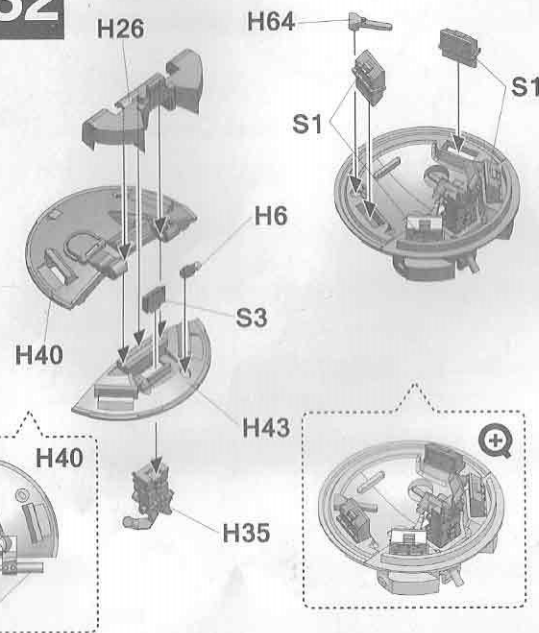
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31

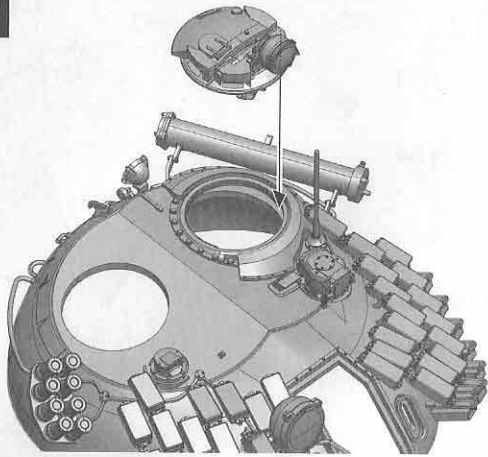


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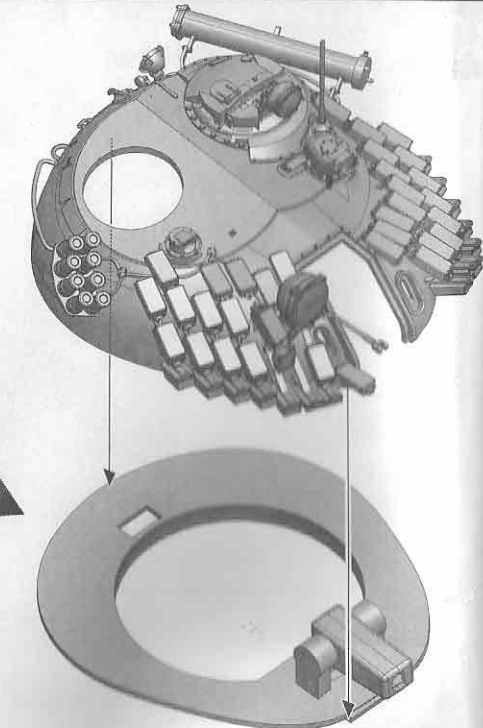
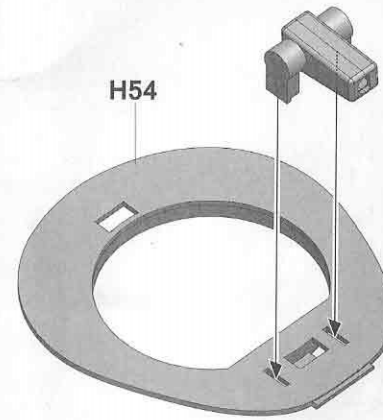
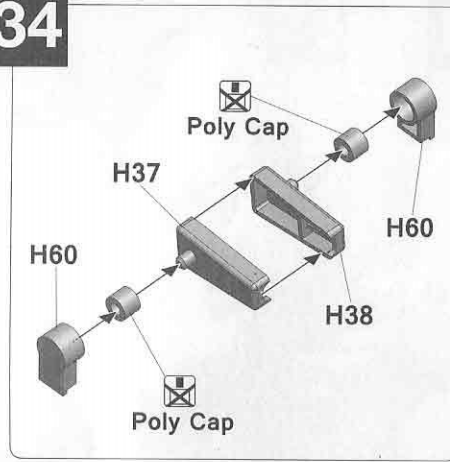




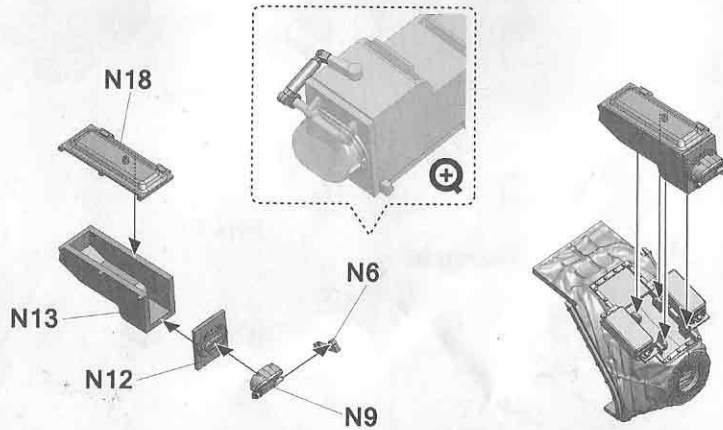
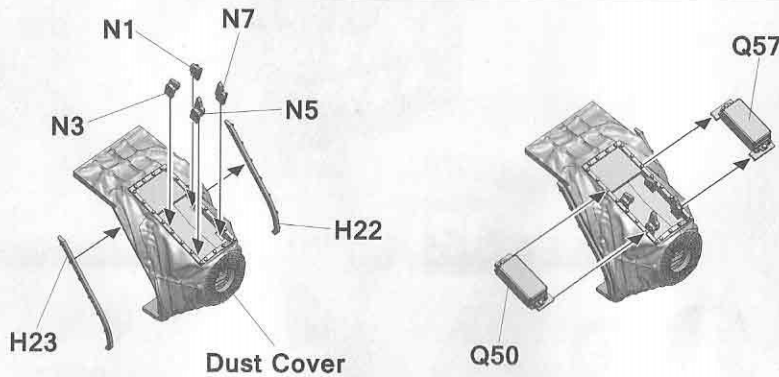
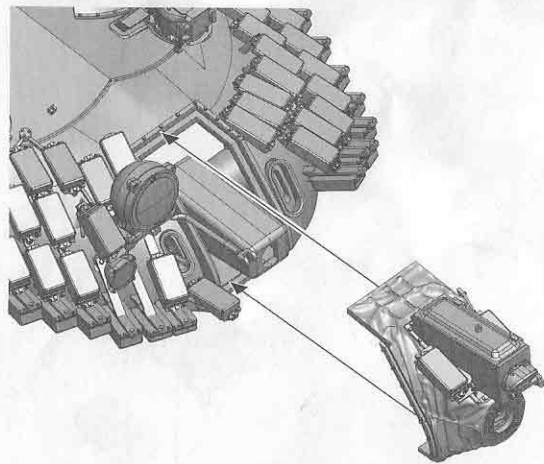
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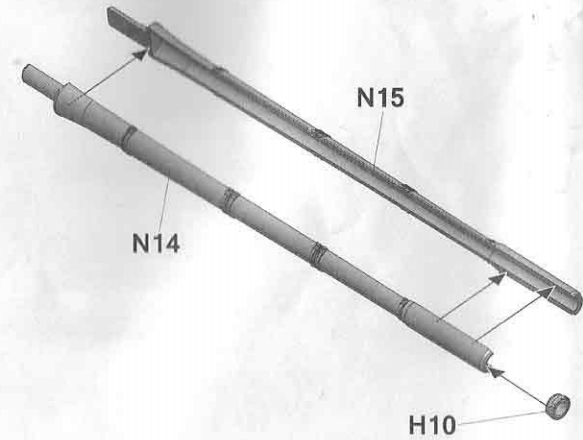
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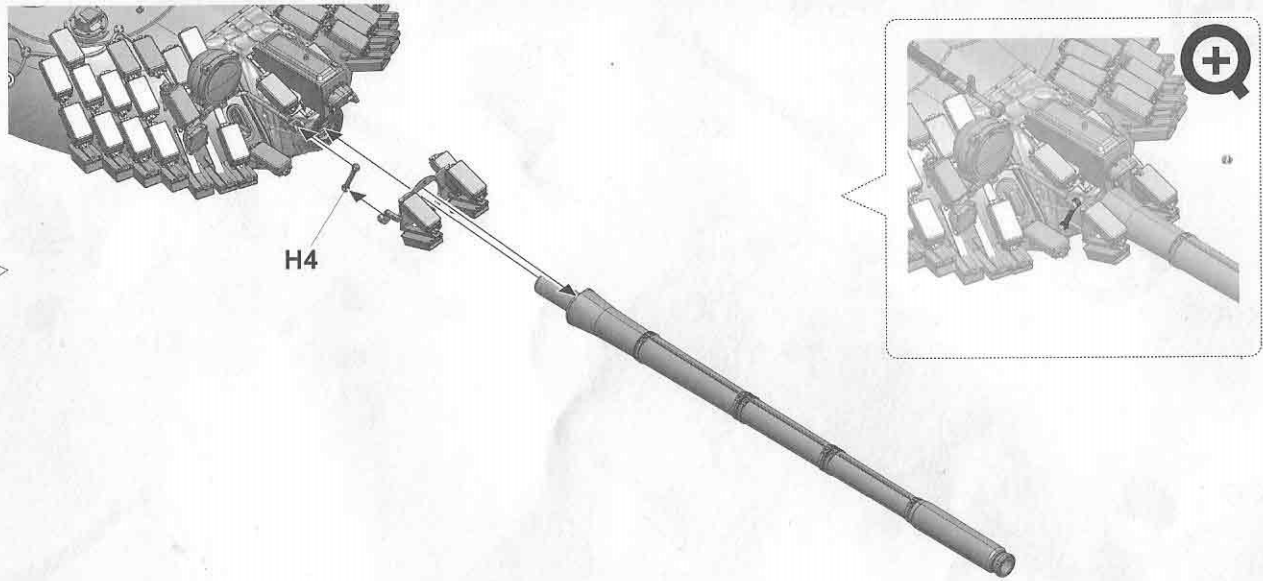
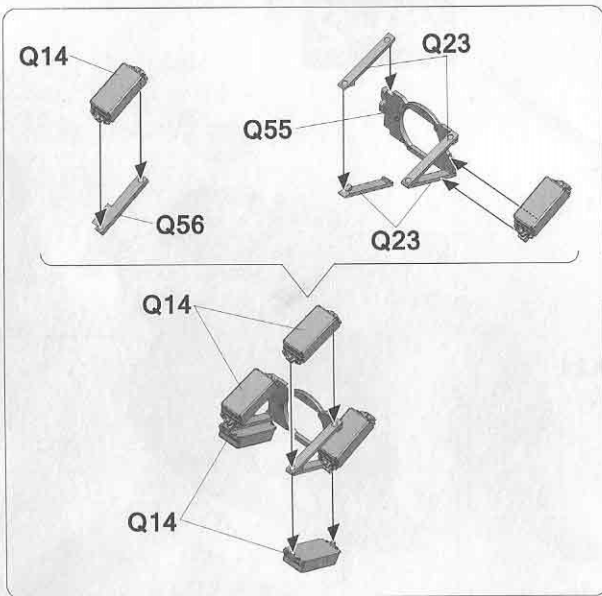
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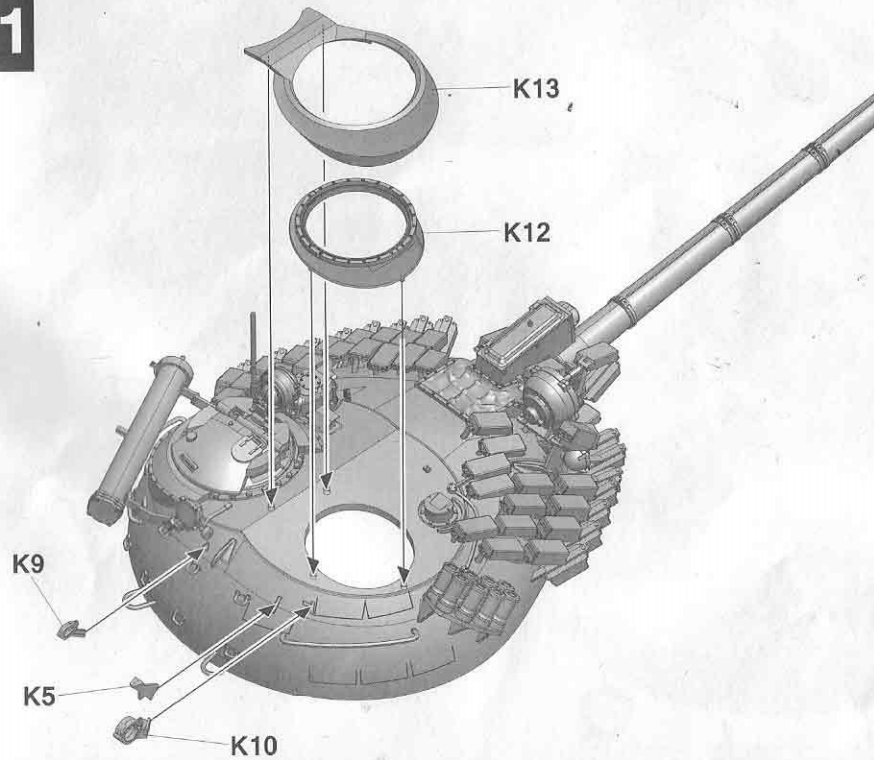
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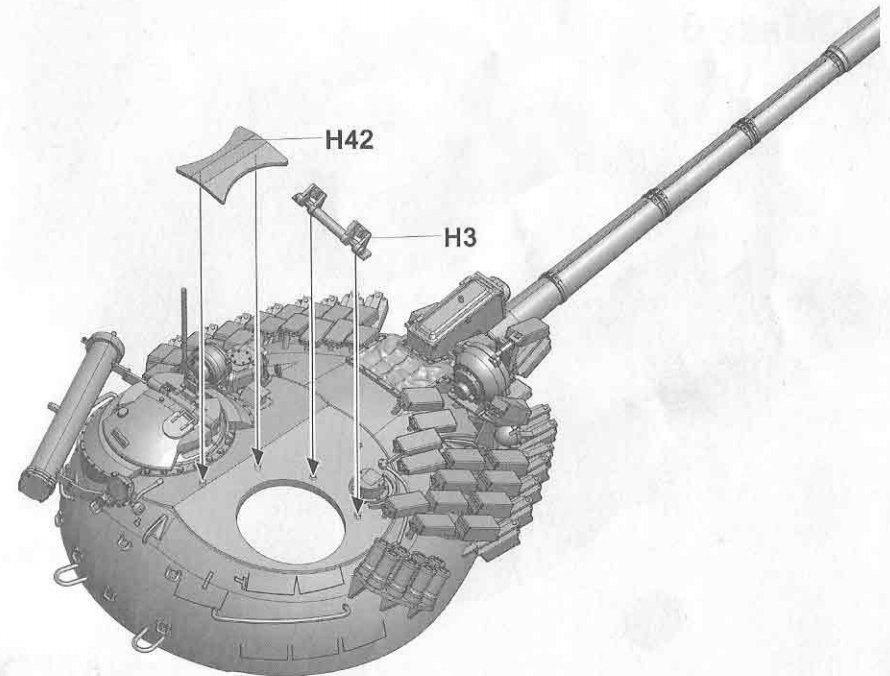
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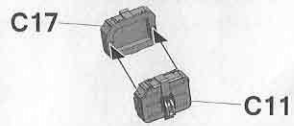
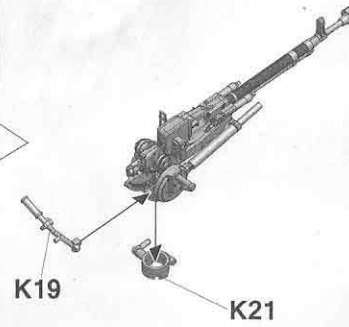
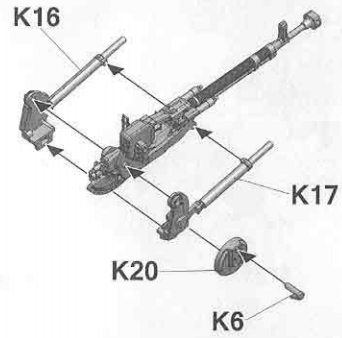
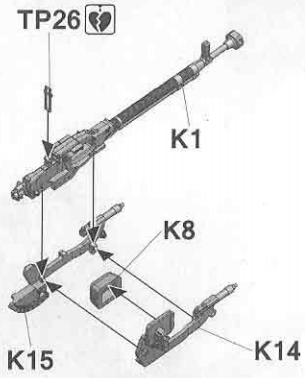
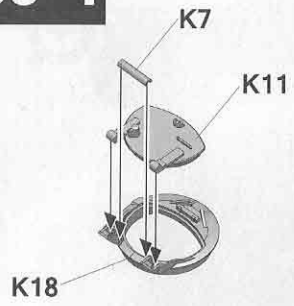
38-1



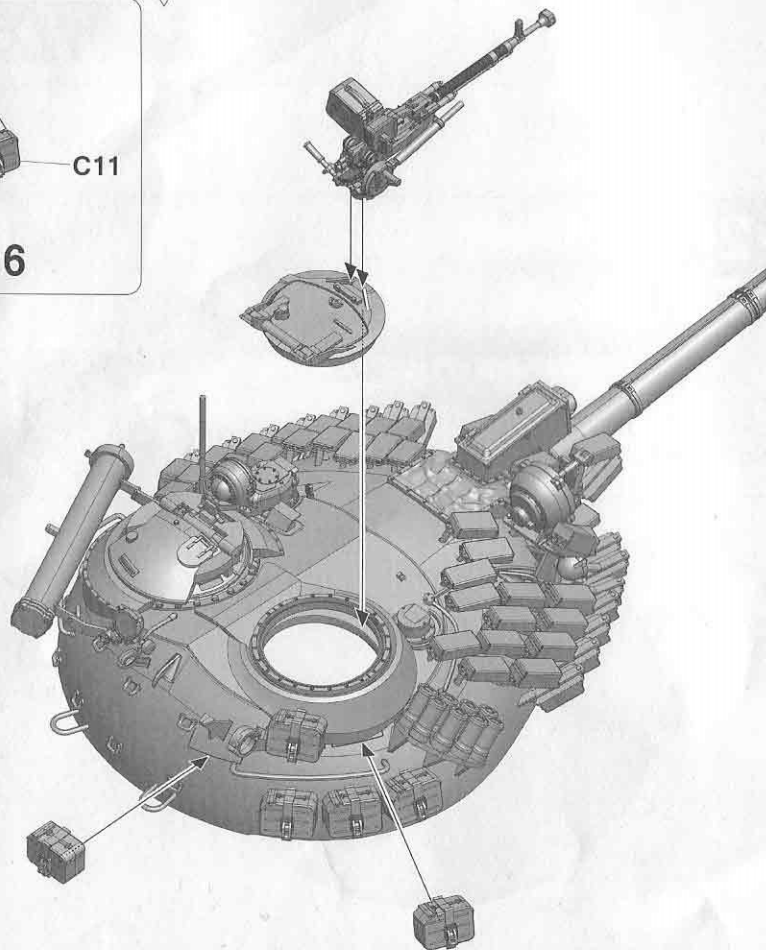
38-2



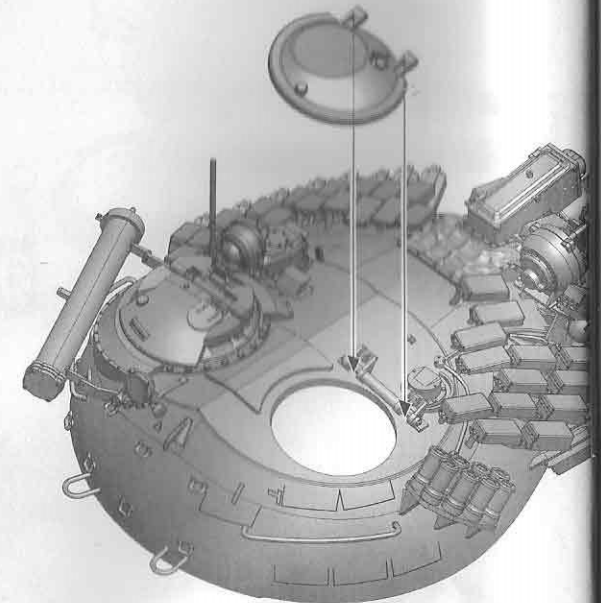
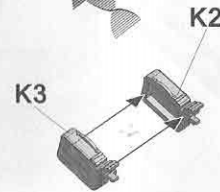
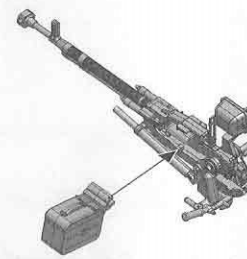
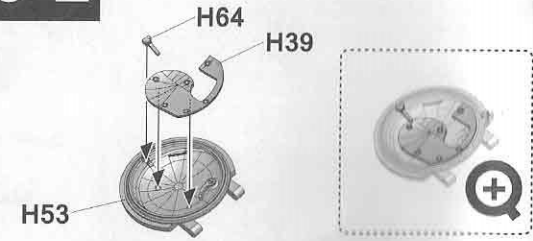
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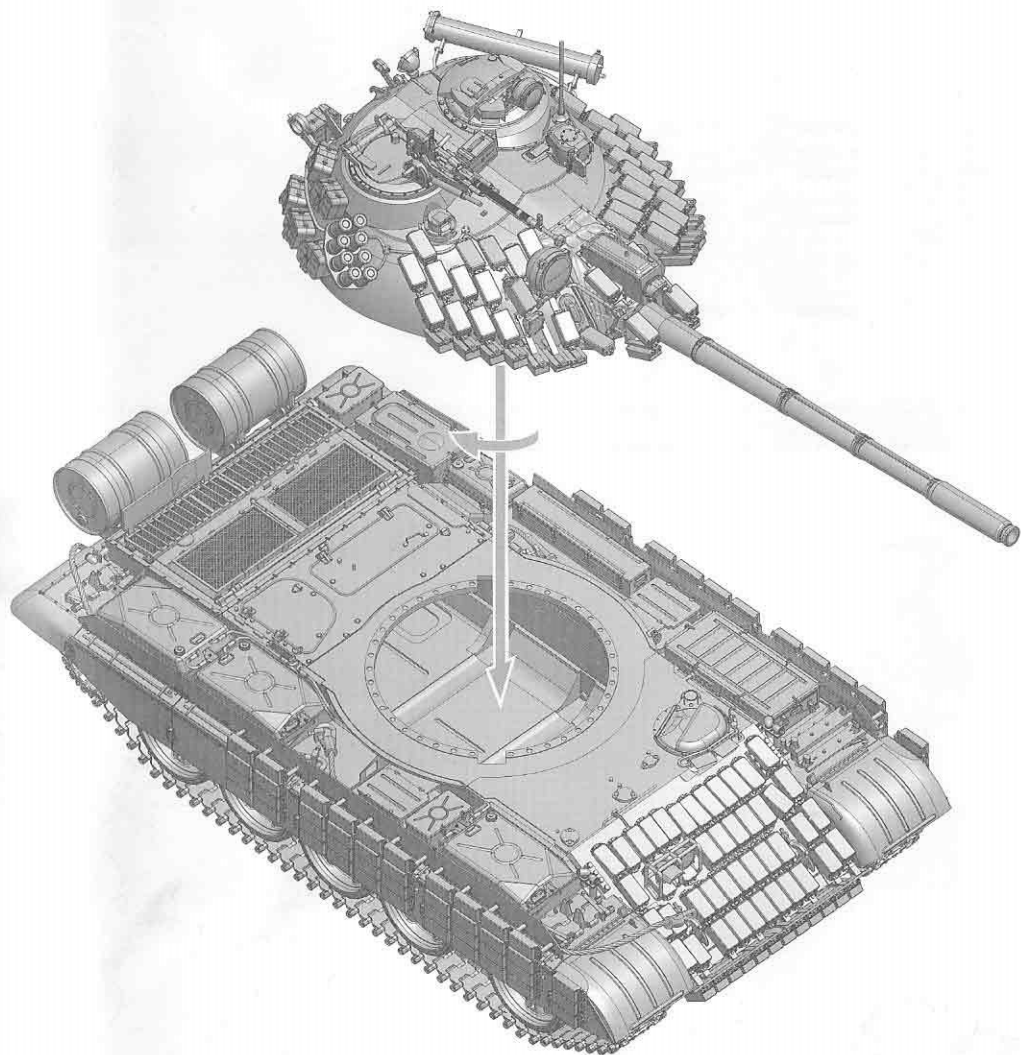
**! Make 6**



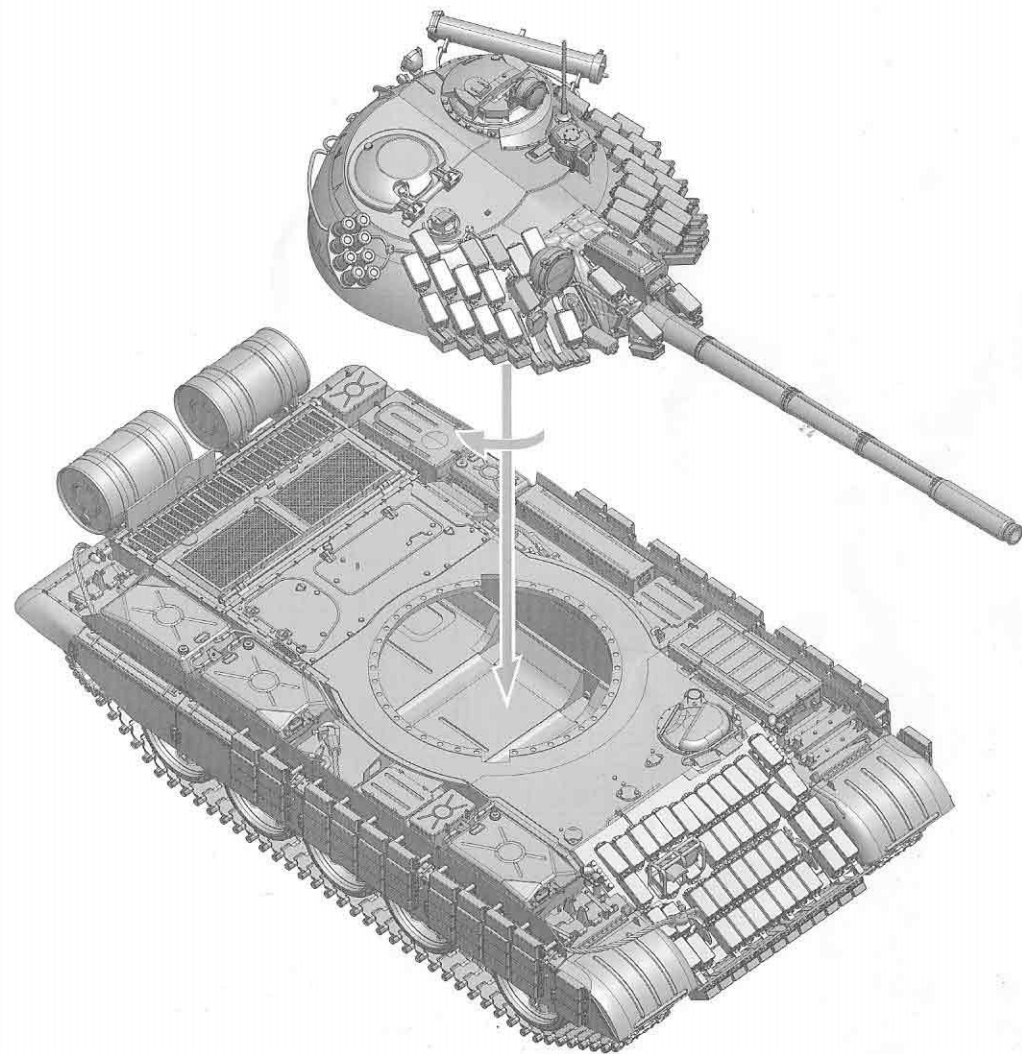
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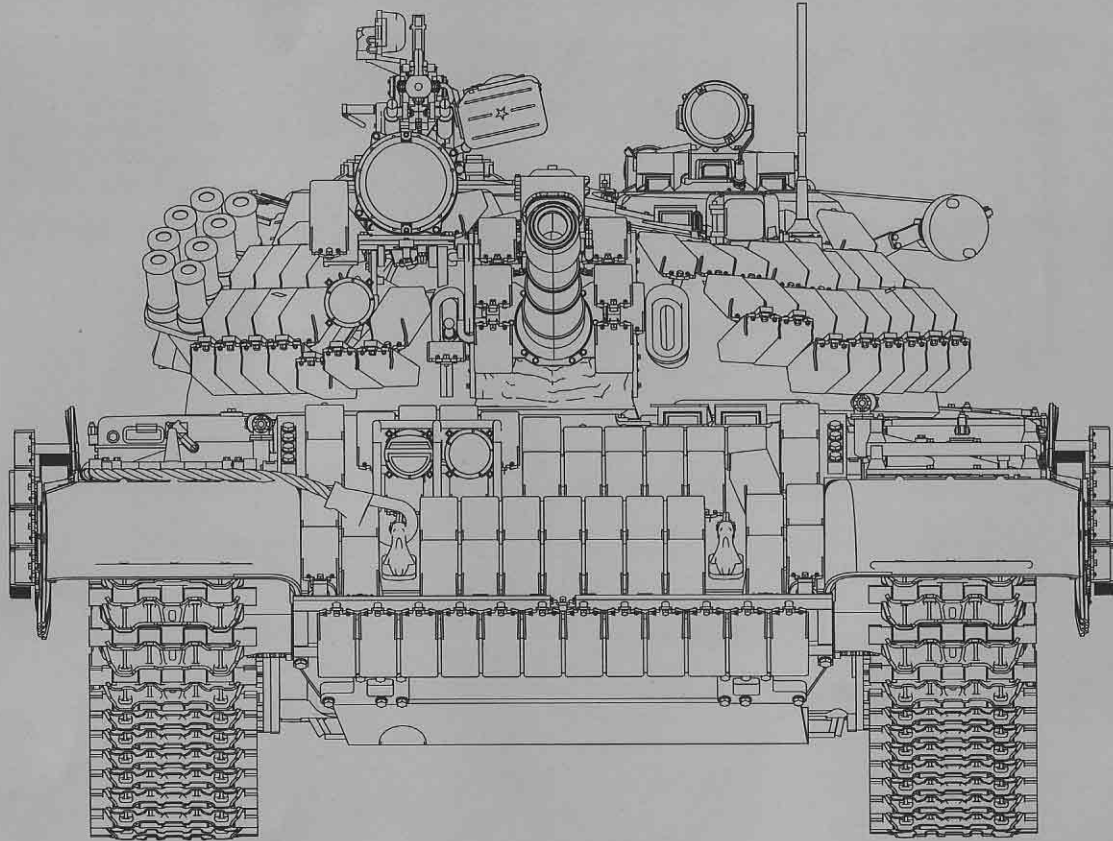
40-1



40-2



2016/2042



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# T-55 AMV

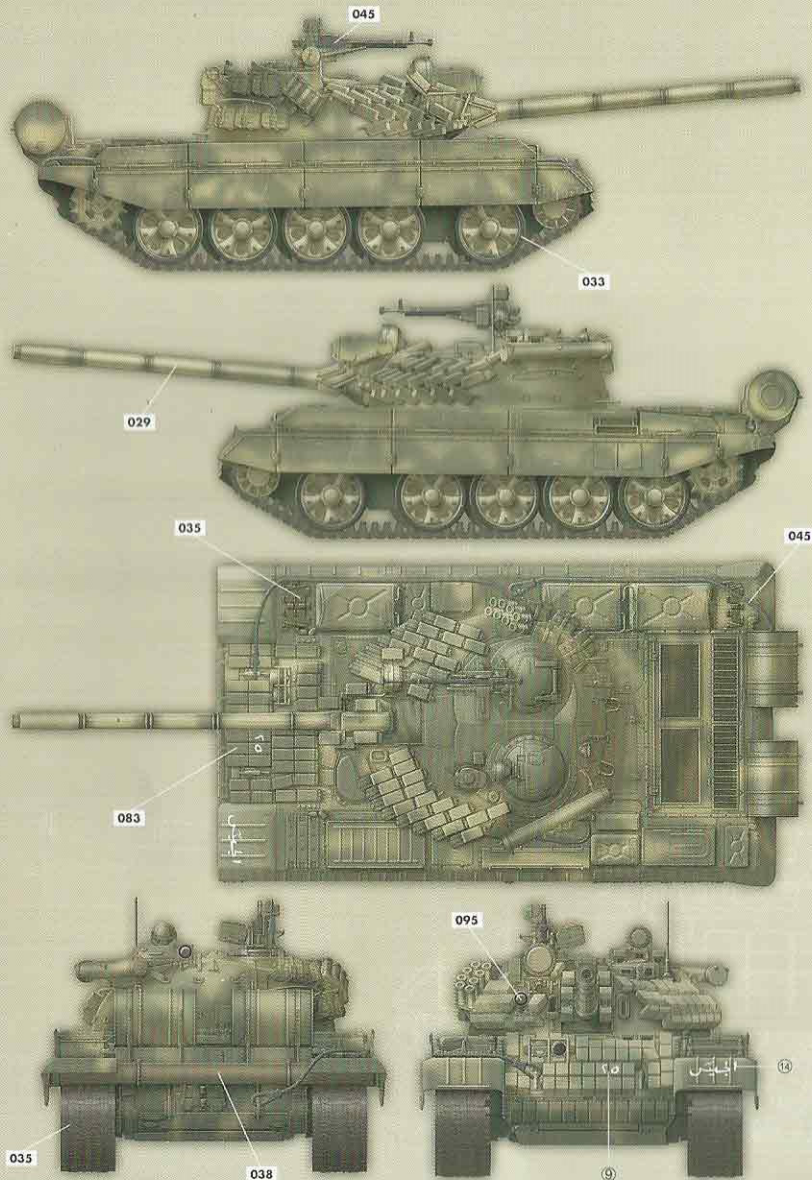
Color info and profiles by



## Painting and Marking Guide

- A.MIG 033 Rubber & Tires
- A.MIG 035 Dark Tacks
- A.MIG 038 Light Wood
- A.MIG 045 Gun Metal
- A.MIG 095 Crystal Smoke
- A.MIG 029 Desert Sand
- A.MIG 083 Russian Pattern (see ref. 218)

SAA (Syrian Arab Army)  
Syrian Civil War 2014



03.03.2042



# T-55 AMV

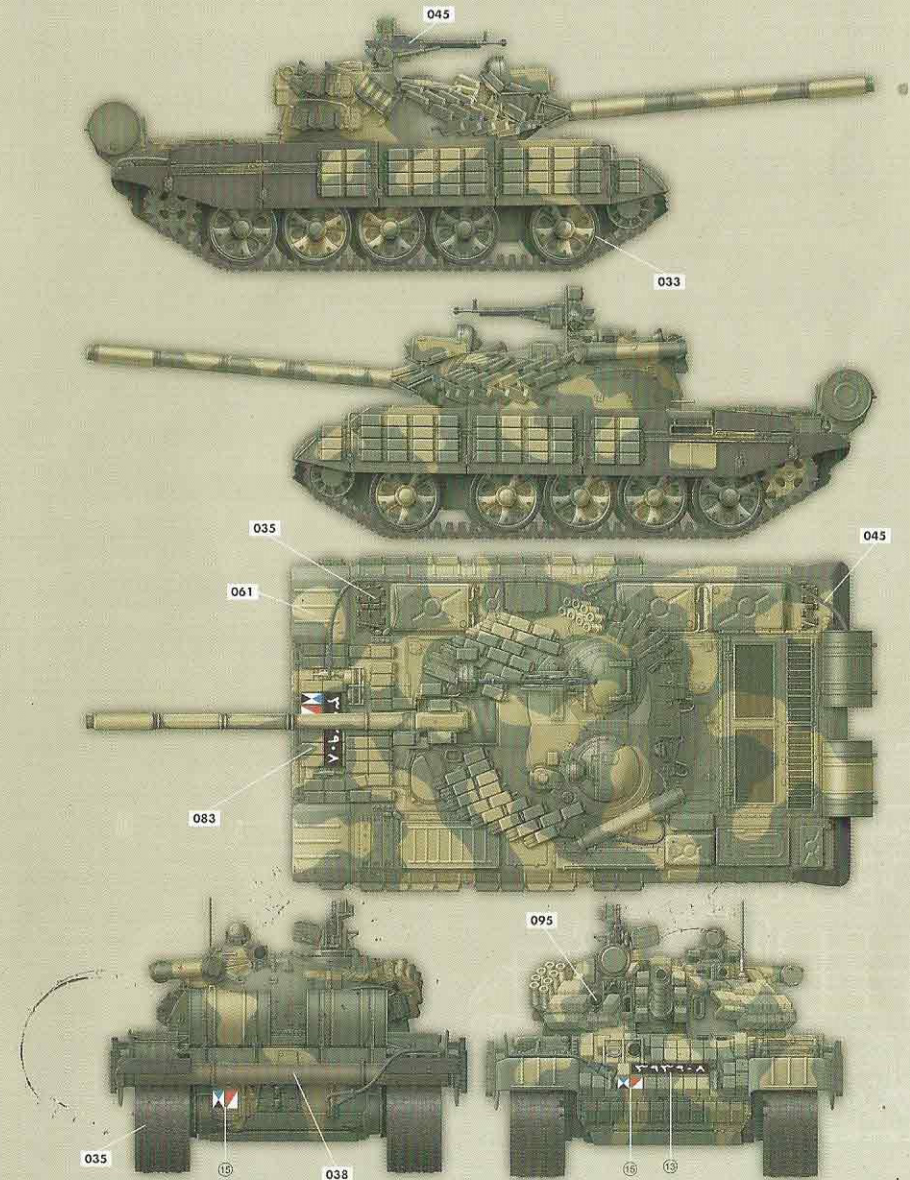
Color info and profiles by



## Painting and Marking Guide

- A.MIG 033 Rubber & Tires
- A.MIG 035 Dark Tacks
- A.MIG 038 Light Wood
- A.MIG 045 Gun Metal
- A.MIG 095 Crystal Smoke
- A.MIG 061 Warm Sand (see ref. 218)
- A.MIG 083 Russian Pattern (see ref. 218)

SAA (Syrian Arab Army)  
Syrian Civil War 2014



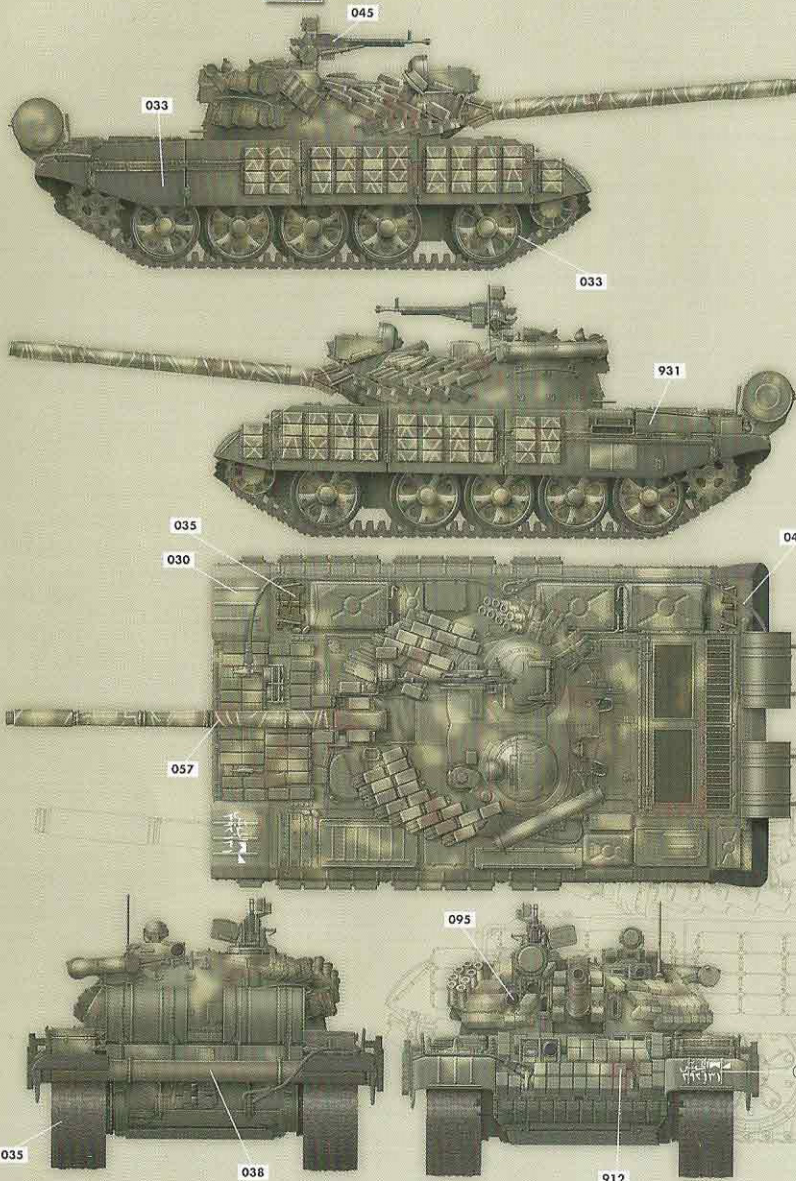


# T-55 AMV

## Painting and Marking Guide

- A.MIG 033** Rubber & Tires
- A.MIG 035** Dark Trench
- A.MIG 038** Light Wood
- A.MIG 045** Gun Barrel
- A.MIG 095** Crystal Smoke
- A.MIG 030** Sand Yellow
- A.MIG 057** Yellow Grey
- A.MIG 912** Red Brown Shutter
- A.MIG 931** Russian Dark Base

SAA (Syrian Arab Army)  
Syrian Civil War 2014

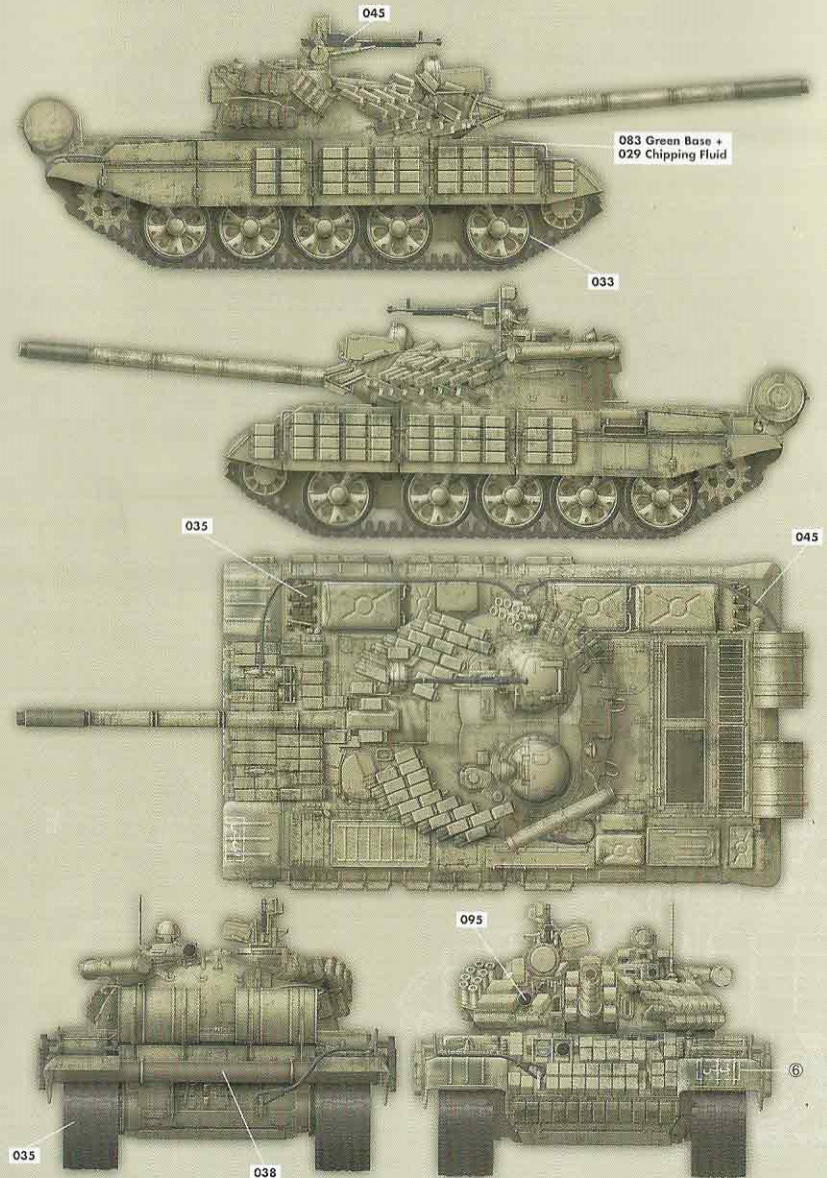


# T-55 AMV

## Painting and Marking Guide

- A.MIG 033** Rubber & Tires
- A.MIG 035** Dark Trench
- A.MIG 038** Light Wood
- A.MIG 045** Gun Barrel
- A.MIG 095** Crystal Smoke
- A.MIG 083 + A.MIG 029** Green Base + Chipping Fluid

SAA (Syrian Arab Army)  
Syrian Civil War 2014





# T-55 AMV

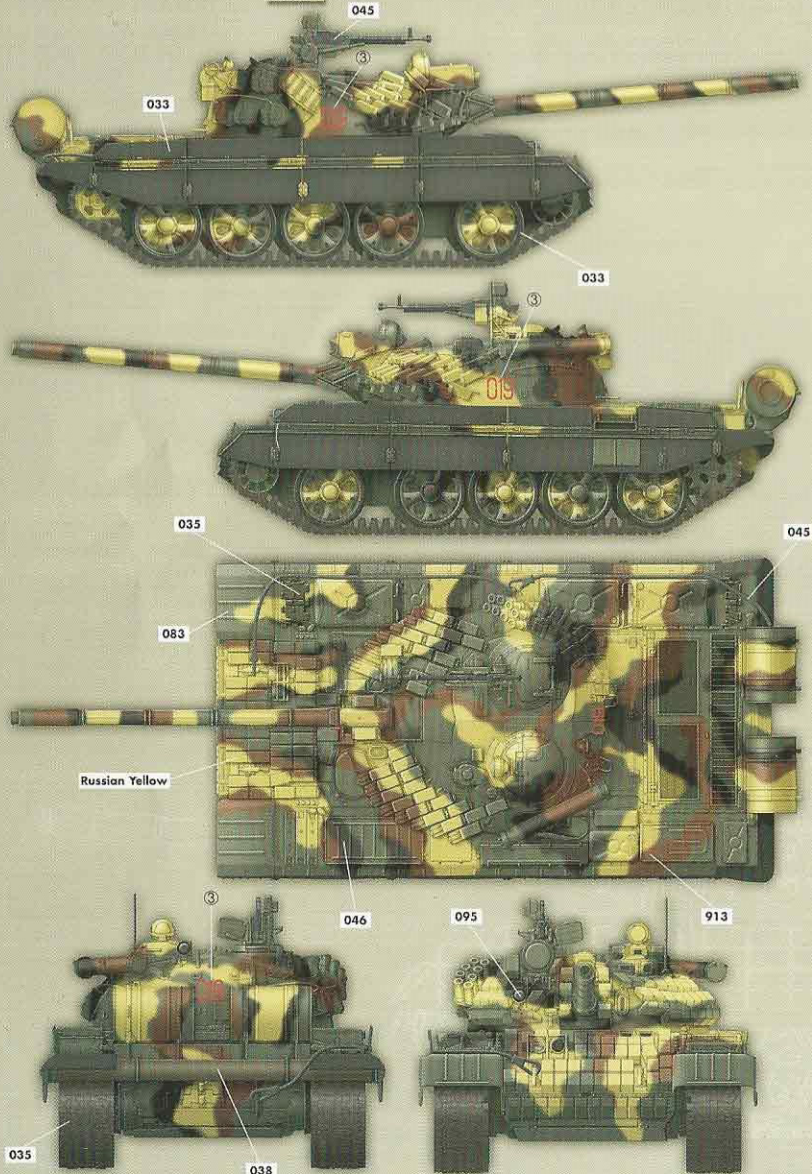
## Painting and Marking Guide

A.MIG 033 Rubber & Tires    A.MIG 035 Dark Tracks    A.MIG 038 Light Wood    A.MIG 045 Gun Metal

A.MIG 095 Crystal Scales    A.MIG 046 Vest Black    A.MIG 083 Russian Polynor Green KPT 318    A.MIG 913 Rail Road Light

A.MIG 055 70% Russian Yellow  
A.MIG 048 30%

Russian Army



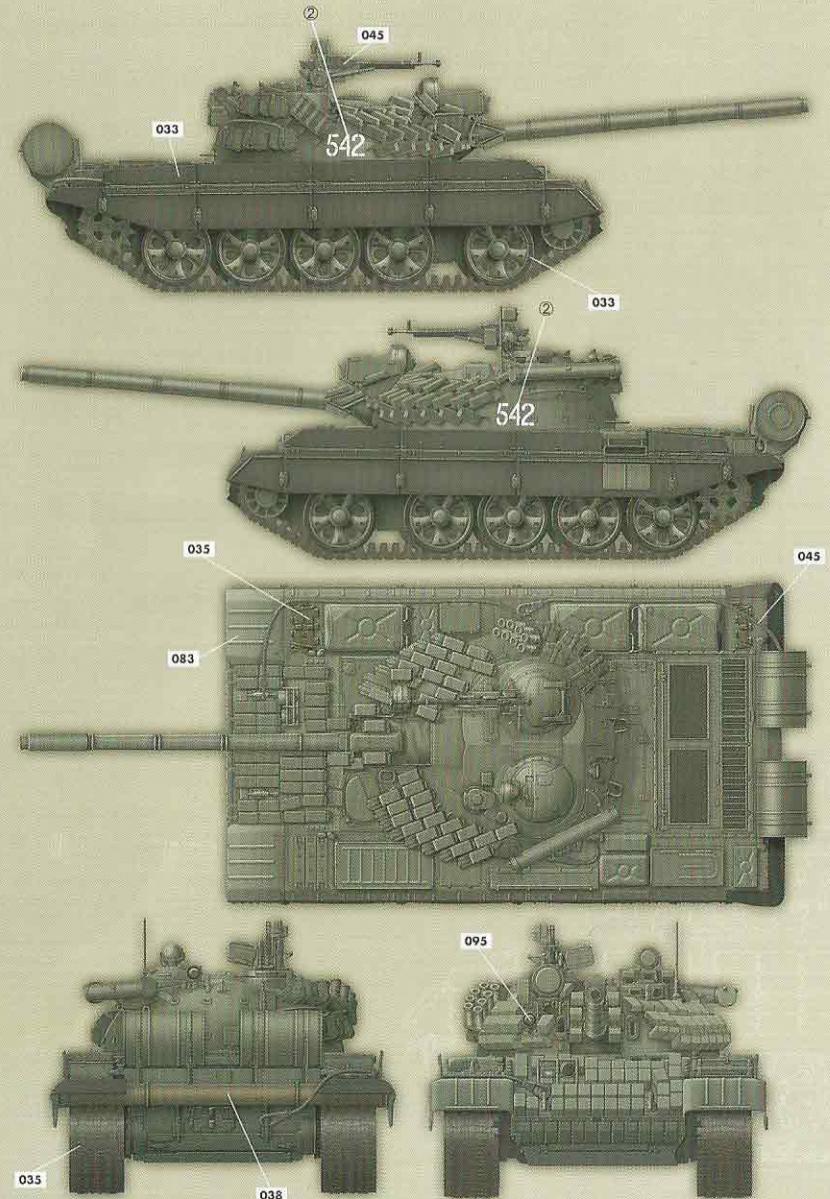
# T-55 AMV

## Painting and Marking Guide

A.MIG 033 Rubber & Tires    A.MIG 035 Dark Tracks    A.MIG 038 Light Wood    A.MIG 045 Gun Metal

A.MIG 095 Crystal Scales    A.MIG 083 Russian Polynor Green KPT 318

Russian Army



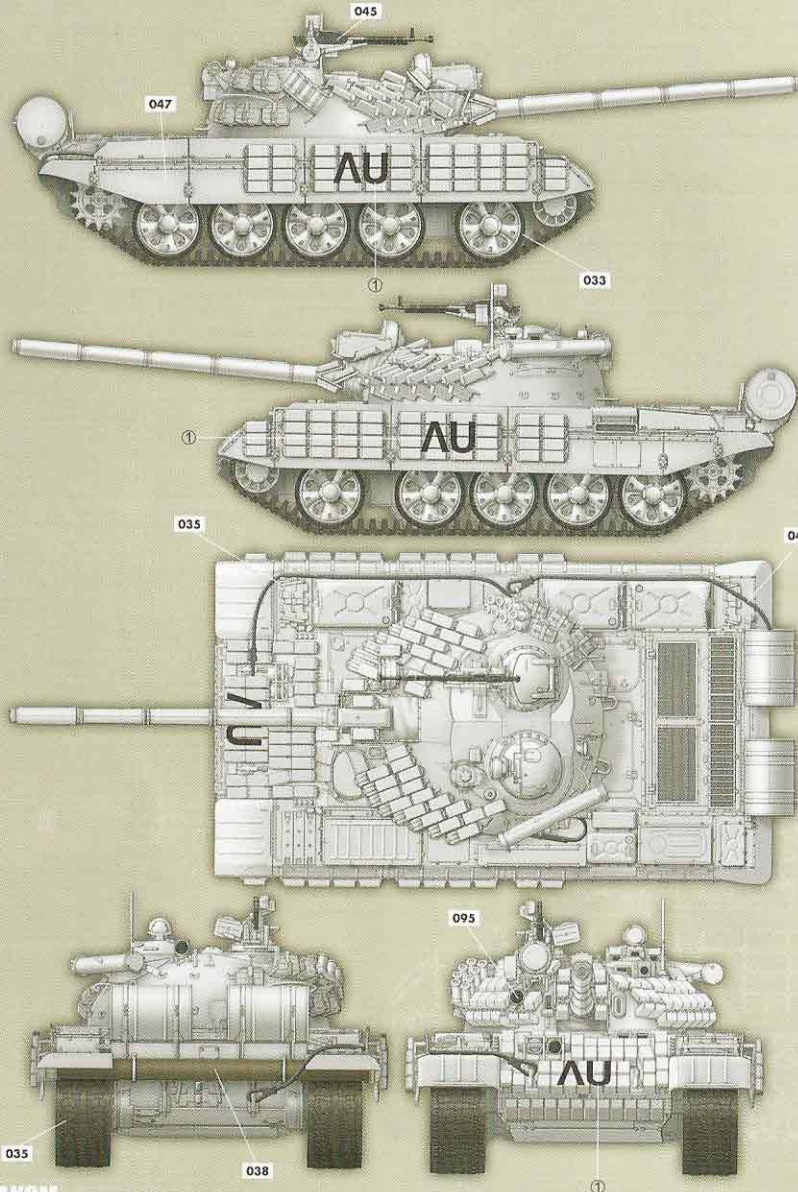


# T-55 AMV

## Painting and Marking Guide

- A.MIG 033 Rubber & Tires
- A.MIG 035 Dark Tracks
- A.MIG 038 Light Wood
- A.MIG 045 Gun Mark
- A.MIG 095 Crystal Smoke
- A.MIG 047 White

AMISOM Forces 2014  
(African Union Mission in Somalia)

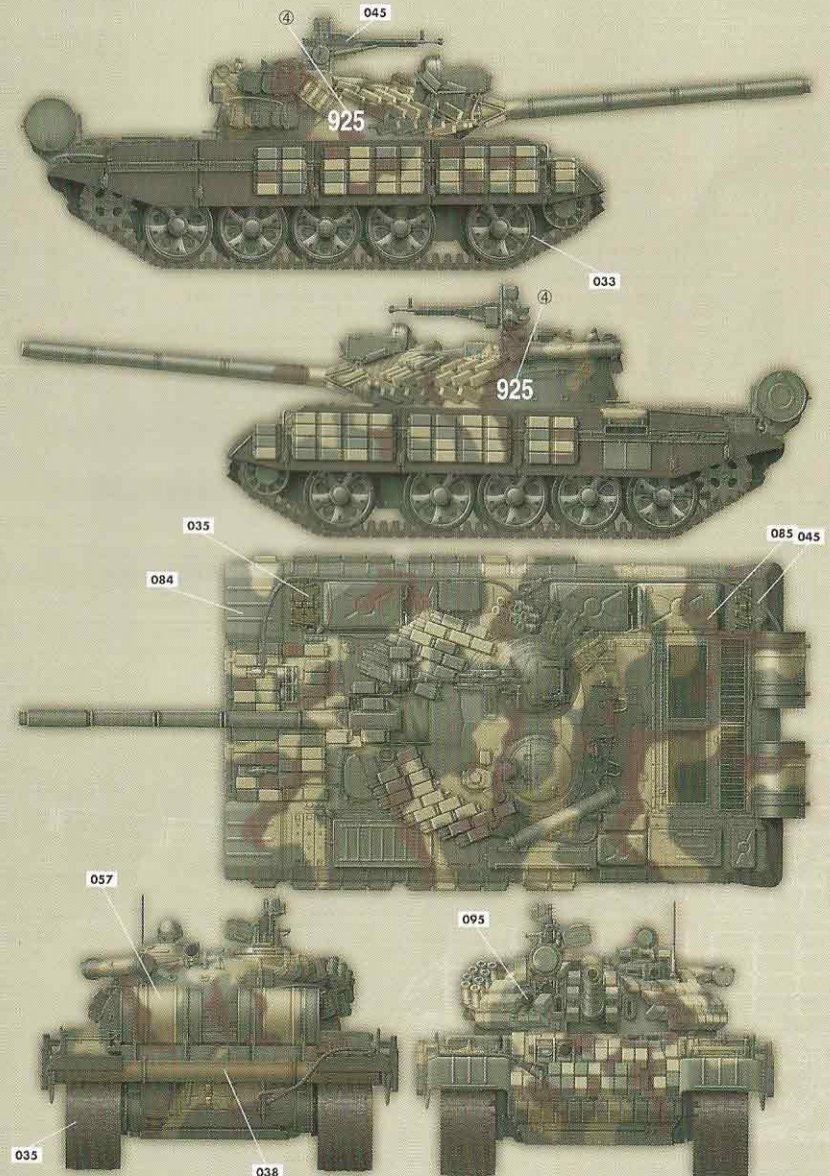


# T-55 AMV

## Painting and Marking Guide

- A.MIG 033 Rubber & Tires
- A.MIG 035 Dark Tracks
- A.MIG 038 Light Wood
- A.MIG 045 Gun Mark
- A.MIG 095 Crystal Smoke
- A.MIG 057 Yellow-Grey
- A.MIG 084 NATO Green
- A.MIG 085 NATO Brown

Uganda People's Defense Forces





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# T-55 AMV

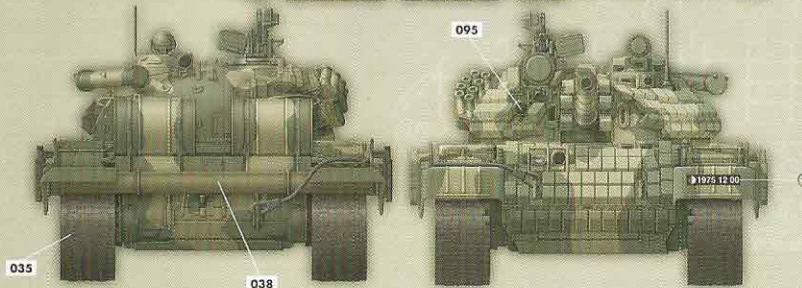
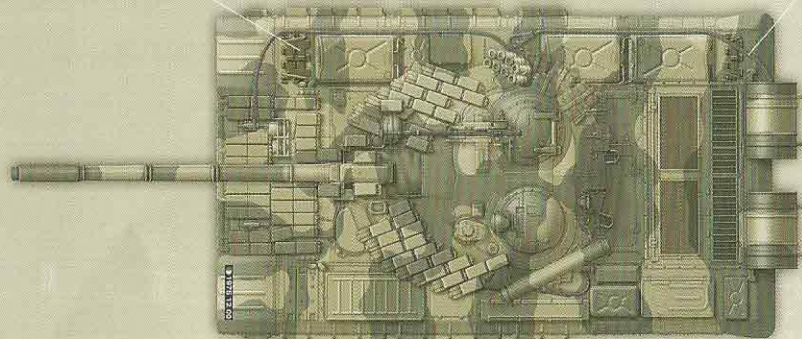
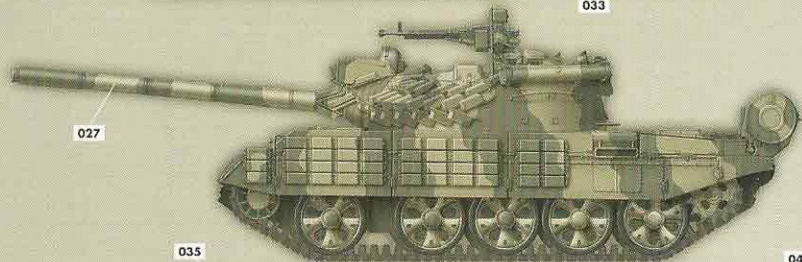
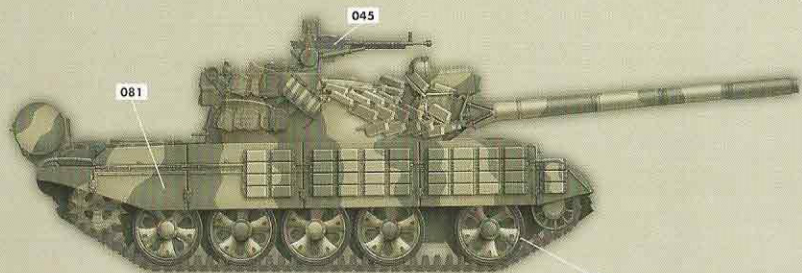
Color info and profiles by



## Painting and Marking Guide

- A.MIG 033 Rubber & Tire
- A.MIG 035 Tank Tracks
- A.MIG 038 Light Wood
- A.MIG 045 Olive Metal
- A.MIG 095 Dried Snake
- A.MIG 027 Sand Beige
- A.MIG 081 Olive Dull

Algerian People's National Army



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# T-55 AMV

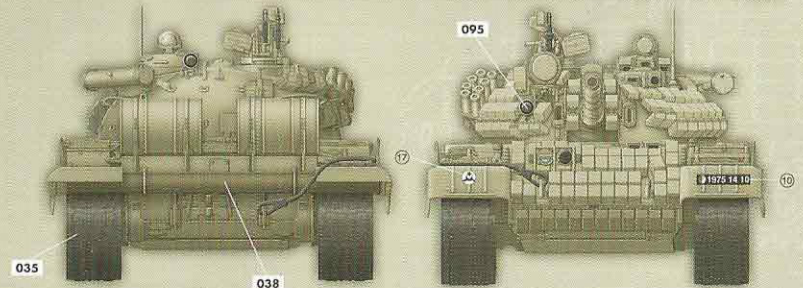
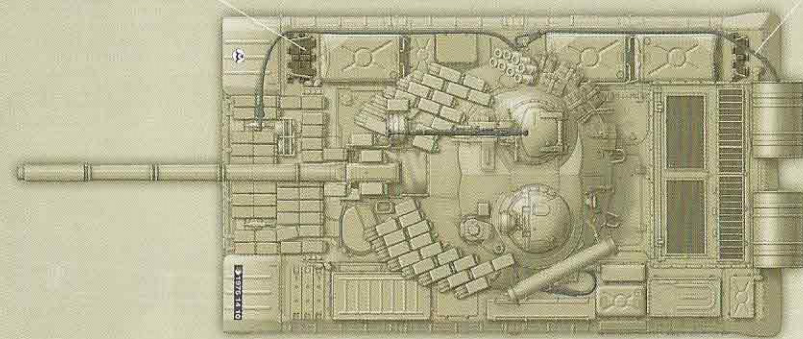
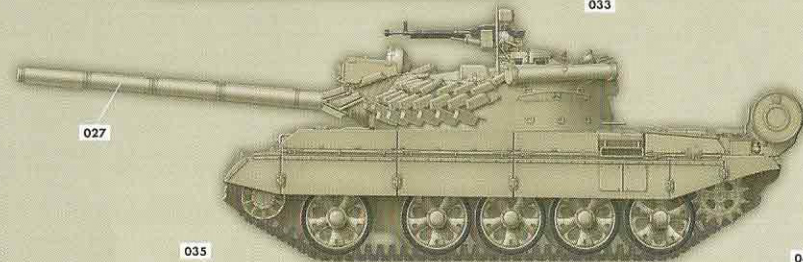
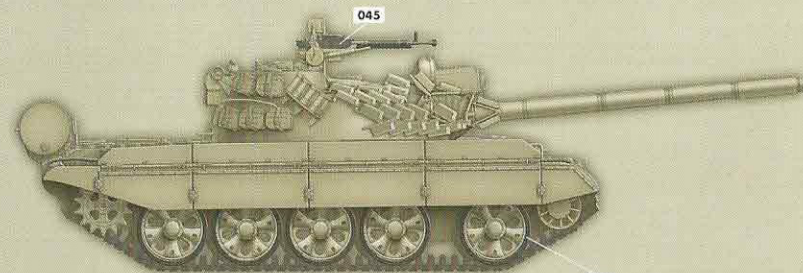
Color info and profiles by



## Painting and Marking Guide

- A.MIG 033 Rubber & Tire
- A.MIG 035 Tank Tracks
- A.MIG 038 Light Wood
- A.MIG 045 Olive Metal
- A.MIG 095 Dried Snake
- A.MIG 027 Sand Beige

Algerian People's National Army





03.03.2042



# T-55 AMV

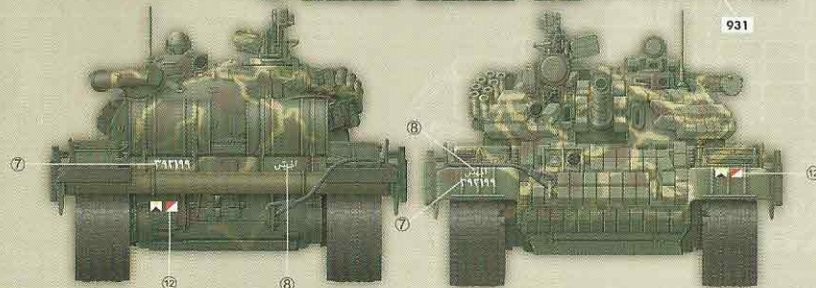
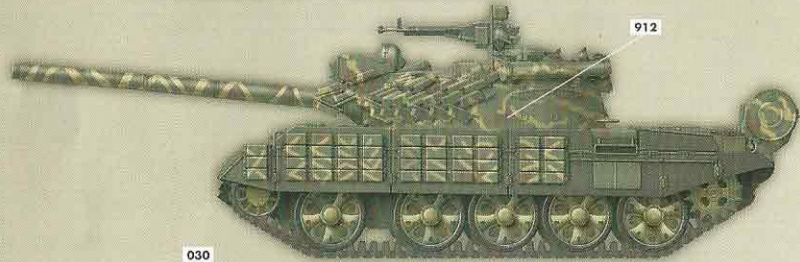
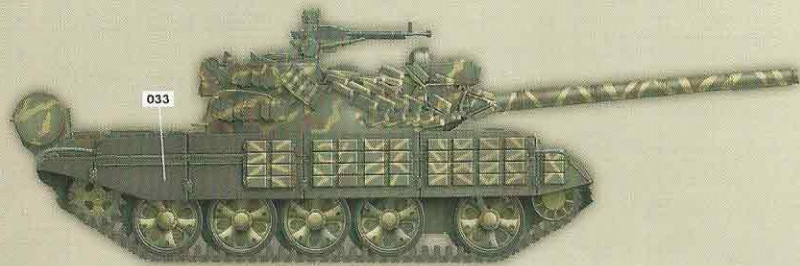
Color info and profiles by



## Painting and Marking Guide

- A.MIG 033 Rubber & Tire
- A.MIG 035 Dark Tropic
- A.MIG 038 Light Wood
- A.MIG 045 Olive Field
- A.MIG 095 Crystal Snail
- A.MIG 030 Sand Yellow
- A.MIG 912 Red Earth Yellow
- A.MIG 931 Russian Navy Blue

SAA (Syrian Arab Army)  
Syrian Civil War 2014



03.03.2042



# T-55 AMV

Color info and profiles by



## Painting and Marking Guide

- A.MIG 033 Rubber & Tire
- A.MIG 035 Dark Tropic
- A.MIG 038 Light Wood
- A.MIG 045 Olive Field
- A.MIG 095 Crystal Snail
- A.MIG 030 Sand Yellow
- A.MIG 070 William Brown
- A.MIG 083 Russian Purple Green UAF 518

SAA (Syrian Arab Army)  
Syrian Civil War 2014

