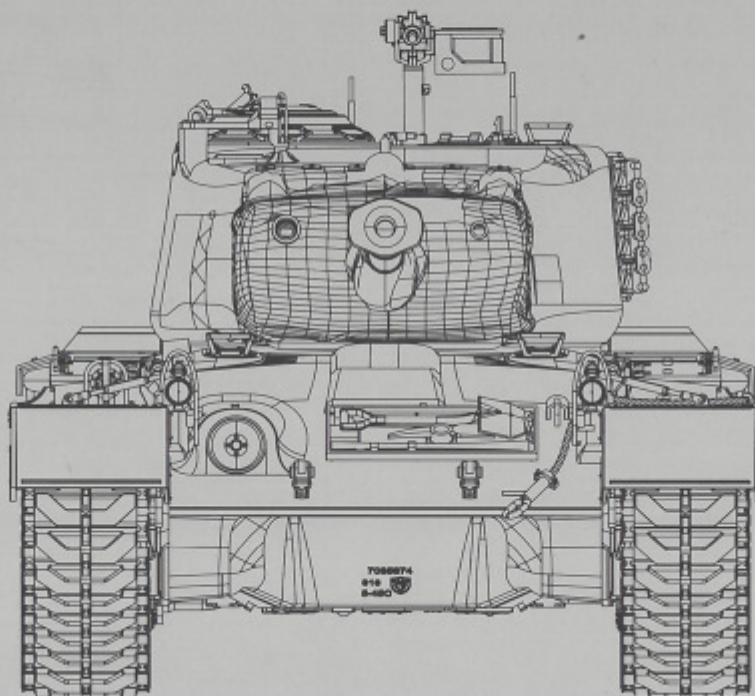
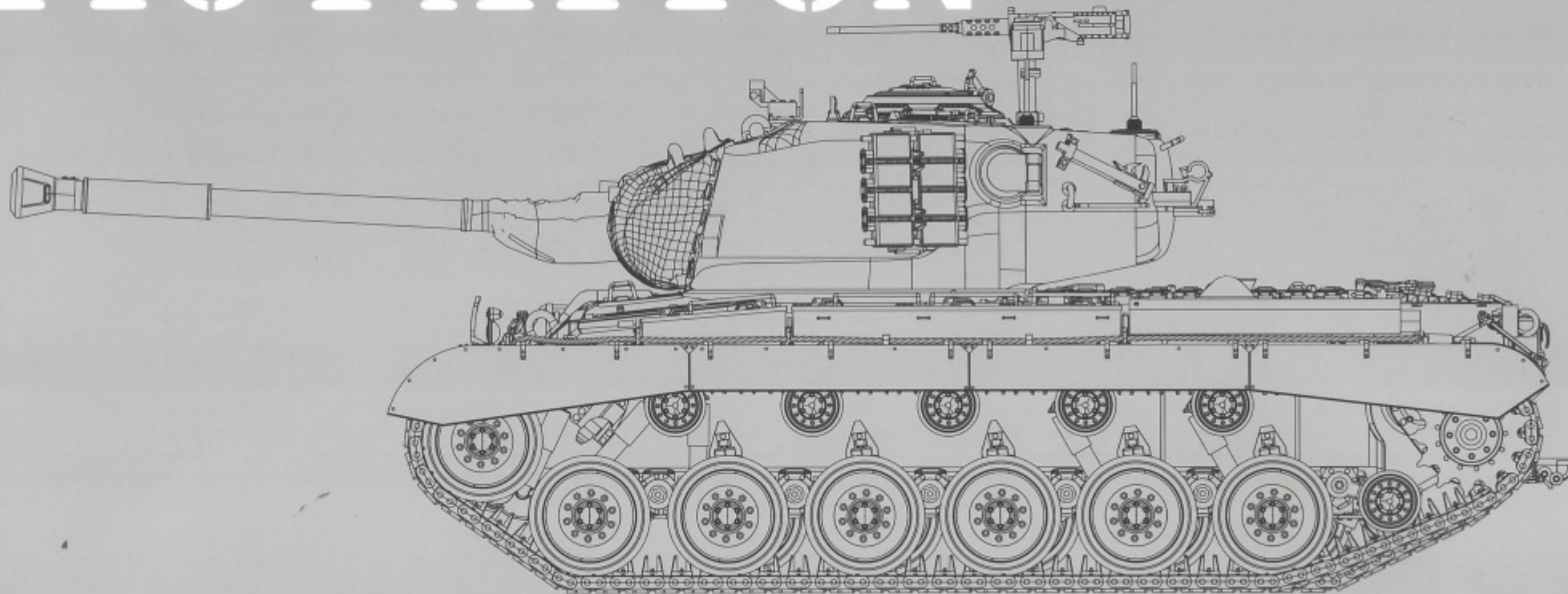


2019/2117



You can find TAKOM on Facebook.com

M46 PATTON US MEDIUM TANK



After determining multiple weaknesses & shortcomings in the M26 Pershing tank after WWII, it was decided that the vehicle would go through various upgrades. Revisions included a new engine and transmission system combined with strong armor protection and the proven 90mm main gun. This improved tank was first designated 'M26E2' carrying on the Pershing family name. However, upgrades & revisions became so numerous that it essentially became an entirely new tank, and in 1949 was ultimately redesignated 'M46' by the ordnance bureau and renamed in honor of American 4-general George S. Patton, commander of the U.S. Third Army during WWII. In total, some 800 M26's were rebuilt into M46's at the Detroit Tank Arsenal. Based on the hull of the M26, the 48.5 ton M46 was powered by the 810 horsepower Continental AVDS-1790-5A series V-12, air-cooled, twin-turbo, gasoline engine coupled with a General Motors/Allison CD-850-3 series cross drive transmission system with 2 forward gears and 1 reverse gear, resulting in the engine compartment being extended by a foot in length and a complete redesign of the deck. In addition, the drive sprockets were repositioned further to the upper rear and small track-tension idlers were installed behind the last road wheels. The M46 could reach a maximum speed of 30 mph (48 km/h) and enjoyed an operational range of 80 miles (130 km). The M46 utilized the turret from the M26 and was armed with the 90mm M3A1 main gun with a coaxial .30 caliber M1919A4 machine gun. The main gun featured a bore evacuator and a single baffle muzzle brake. 70 rounds of ammunition for the main gun were stored inside the tank, allowing the crew to select between HEAT, AP, and HE rounds. A second .30 caliber machine gun was mounted in the 5-inch (102mm) thick armored bow at the right of the driver's station, and a .50 caliber machine gun was mounted in a pintle on the turret roof. The vehicle was crewed by five men - the tank commander, driver, assistant driver/bow machine gunner, a dedicated gunner and a loader.

The first M46 Patton tanks (belonging to the 6th Tank Battalion) landed in South Korea on 8 August 1950, with some 200 arriving in country by the end of the year. The M46 Pattons proved far superior to the Soviet-built T-34/85 tanks fighting against them, and ultimately allowed all M26 Pershings & most M4A3 Shermans to be withdrawn by the end of 1951. The M46 was itself withdrawn from service soon after the end of fighting in Korea, but was temporarily leased in limited numbers to several NATO allies for training crews & mechanics how to operate it's replacement, the M47 Patton.

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



Do Not Cement

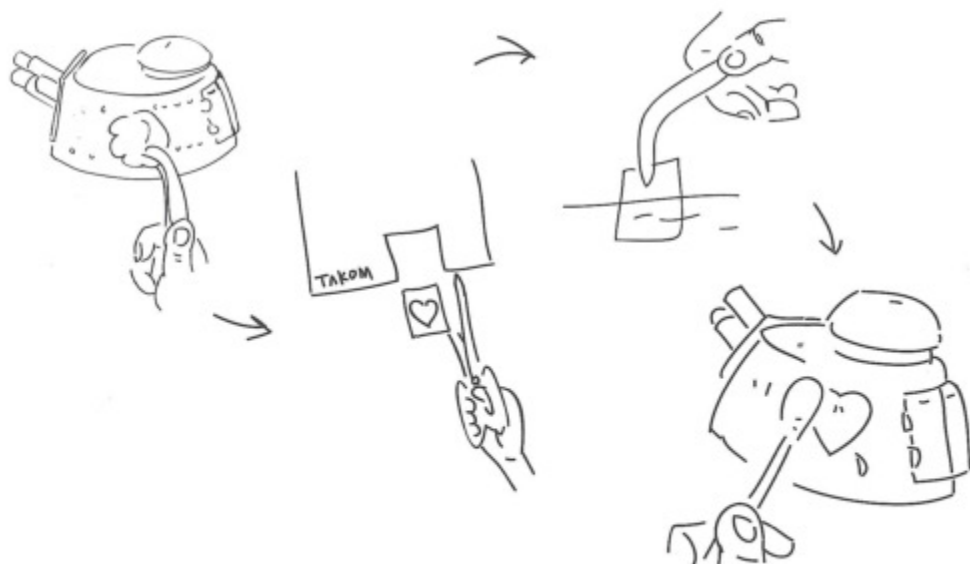
PAINTS REQUIRED

Color info and profiles by Mig Jimenez

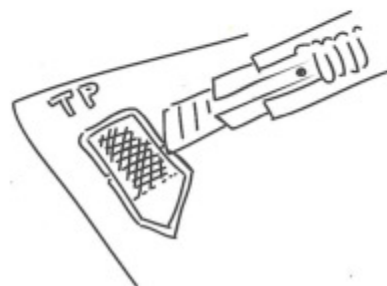
| | | | |
|--------------------------|-------------------------------|-----------------------------------|---------------------|
| A.MIG.031 Rubber & Tires | A.MIG.032 Dark Tracks | A.MIG.033 Satin Black | A.MIG.040 Gun Metal |
| A.MIG.033 Crystal Red | A.MIG.034 Crystal Glass | A.MIG.035 Olive Drab Dark | A.MIG.041 Yellow |
| A.MIG.036 Matt White | A.MIG.042 Old Rust | A.MIG.036 Crystal Periscope Green | A.MIG.038 Silver |
| A.MIG.071 Khaki | A.MIG.024 Washable White Camo | | |

APPLYING DECALS

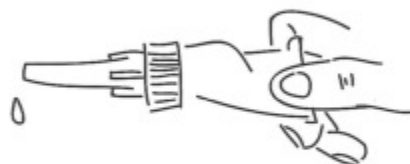
1. Clean the model surface with a wet cloth.
2. Cut out each decal design from sheet, and dip it in tepid water for 15-20 sec.
3. Hold the backing sheet edge and slide decal onto the model.
4. Move decal into position by wetting decal with finger.
5. Press decal gently down with a soft cloth until excess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



REMOVING PE



Be careful not to hurt when removing PE parts.

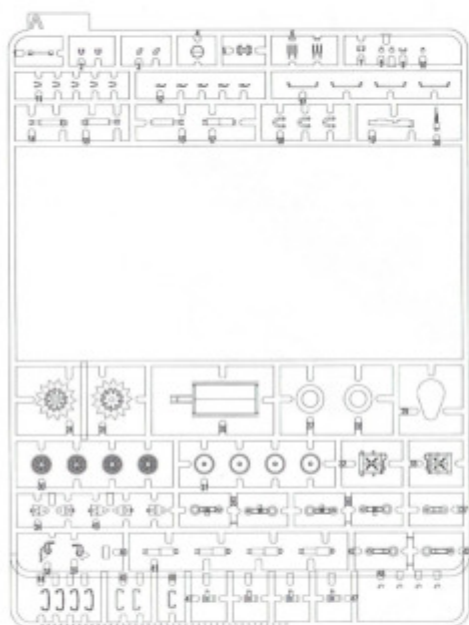


Secure using instant glue (not included).

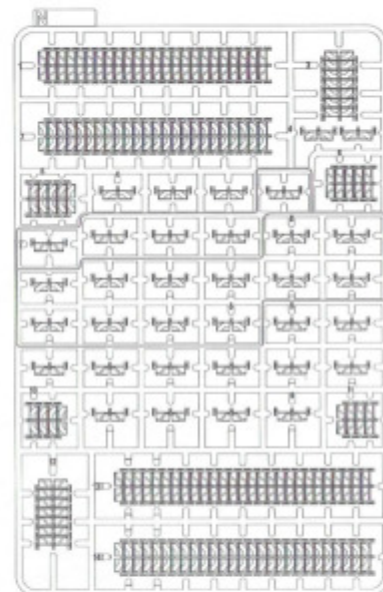
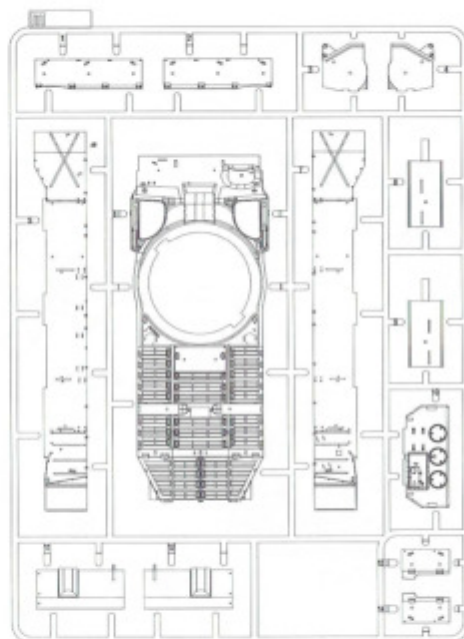
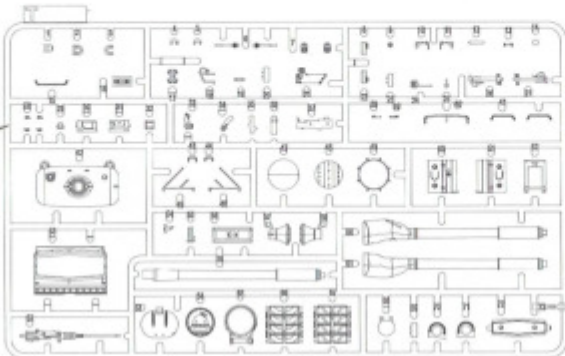
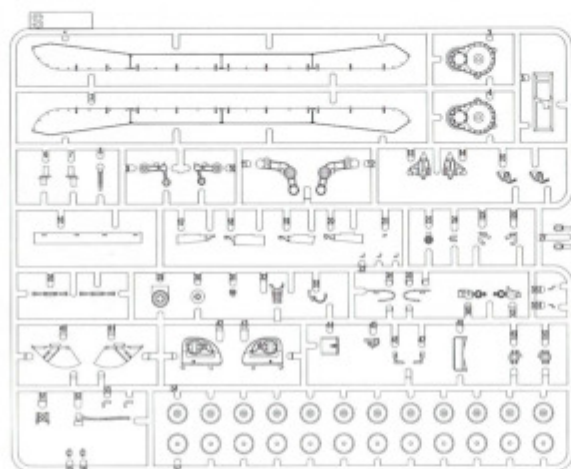


Finish using file.

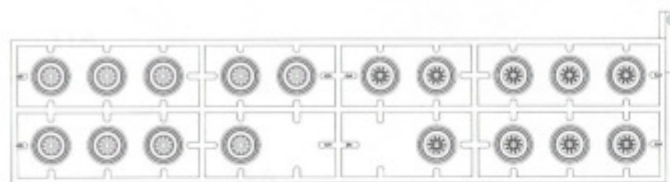
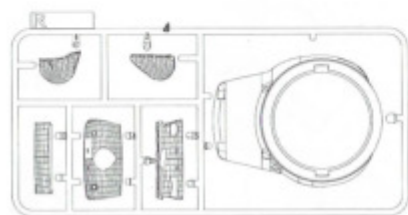
PARTS



X2



X2



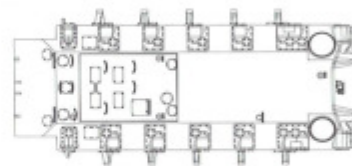
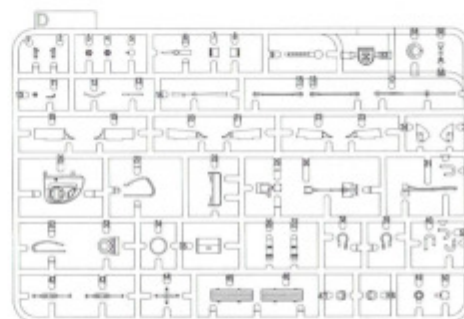
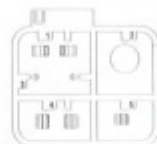
X2



Z1



Z2



Lower Hull



Turret

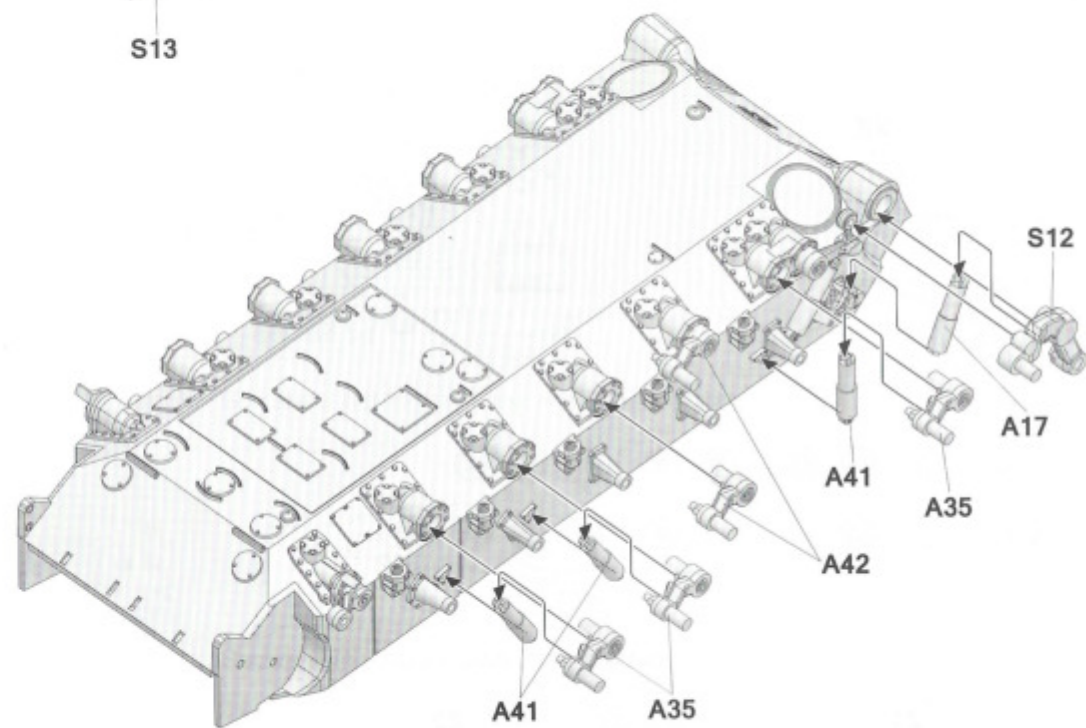
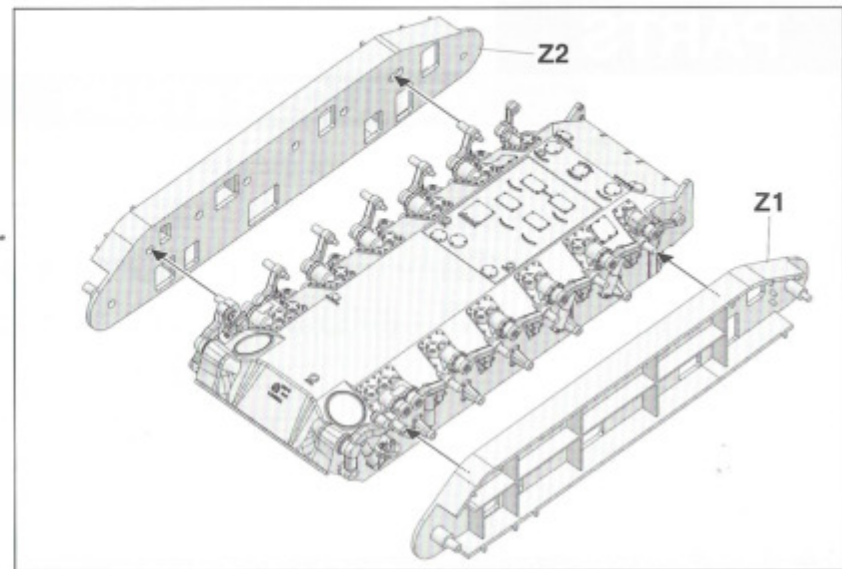
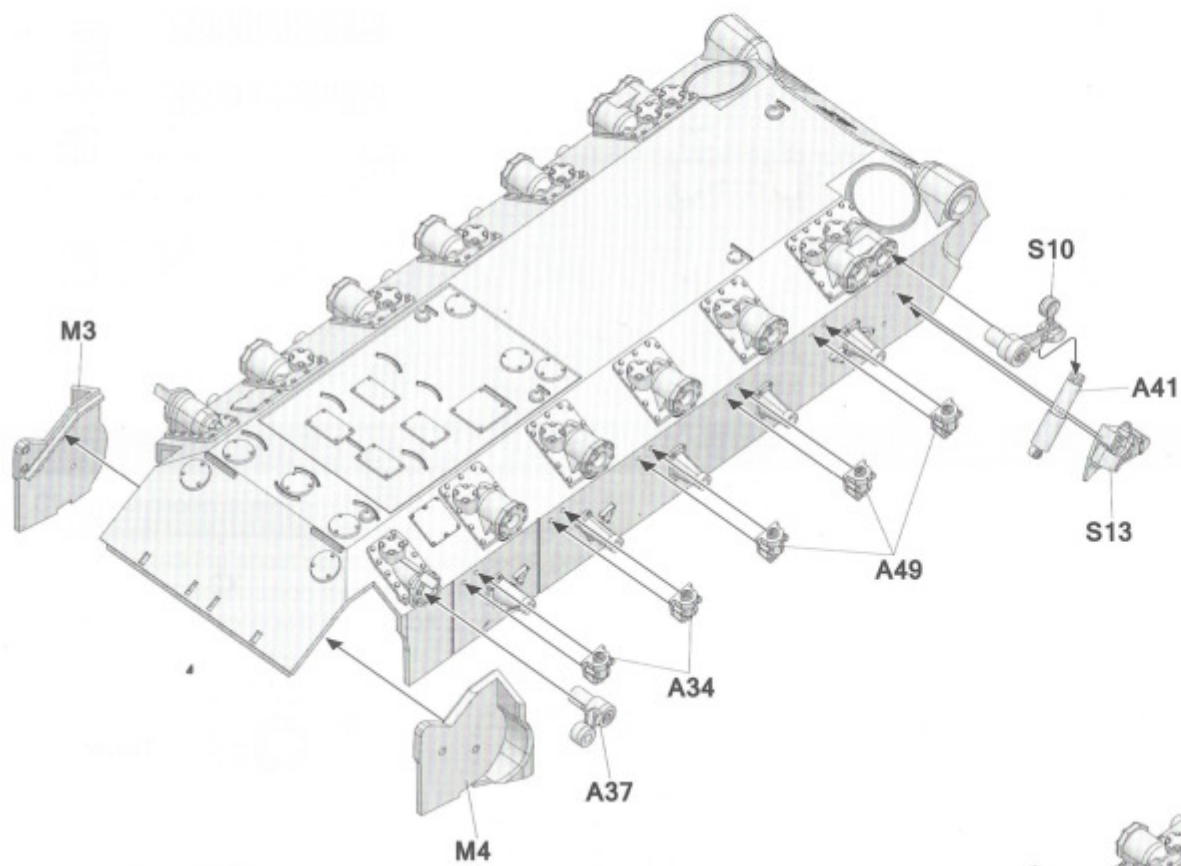


Cable

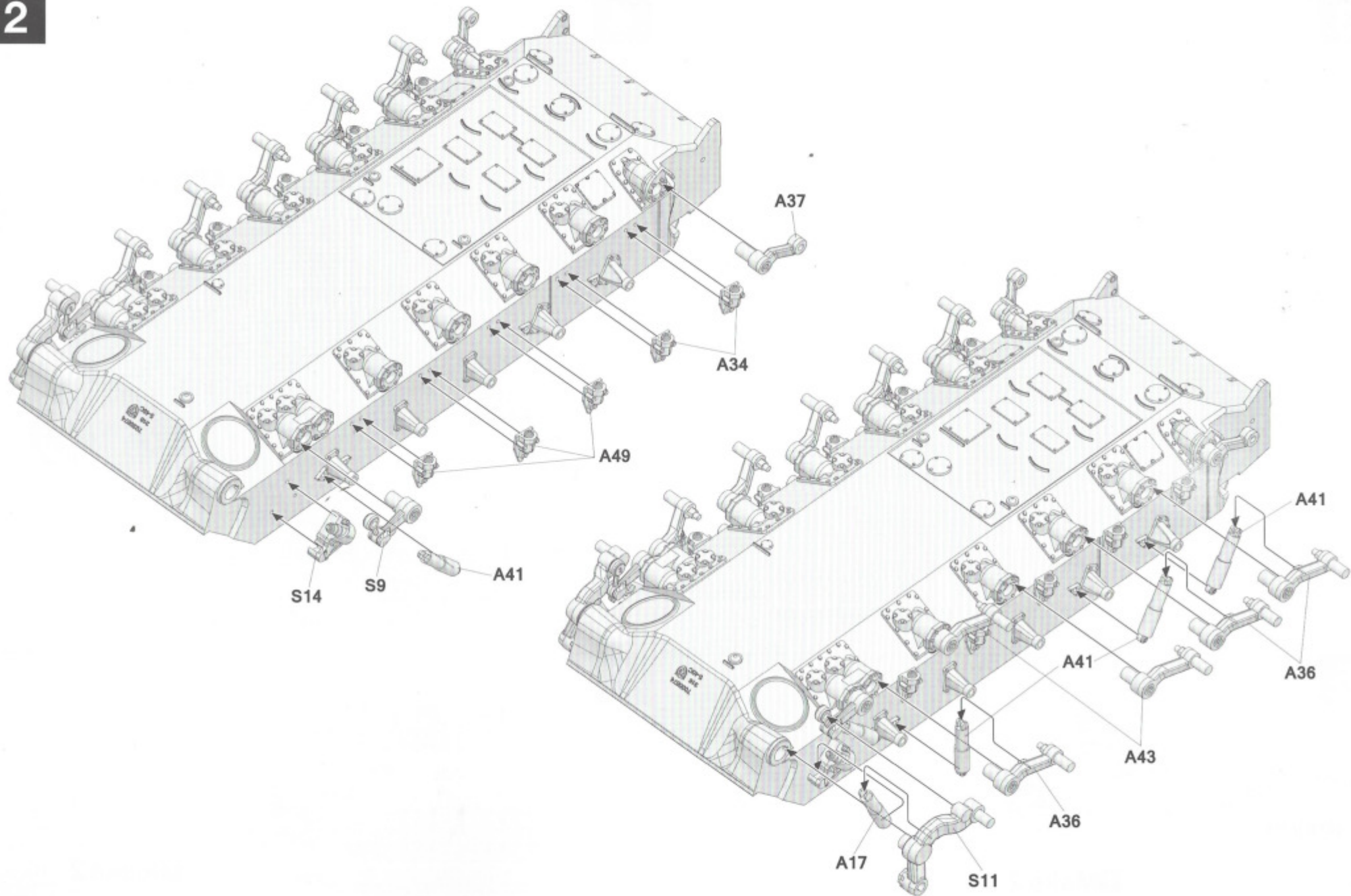


Decal

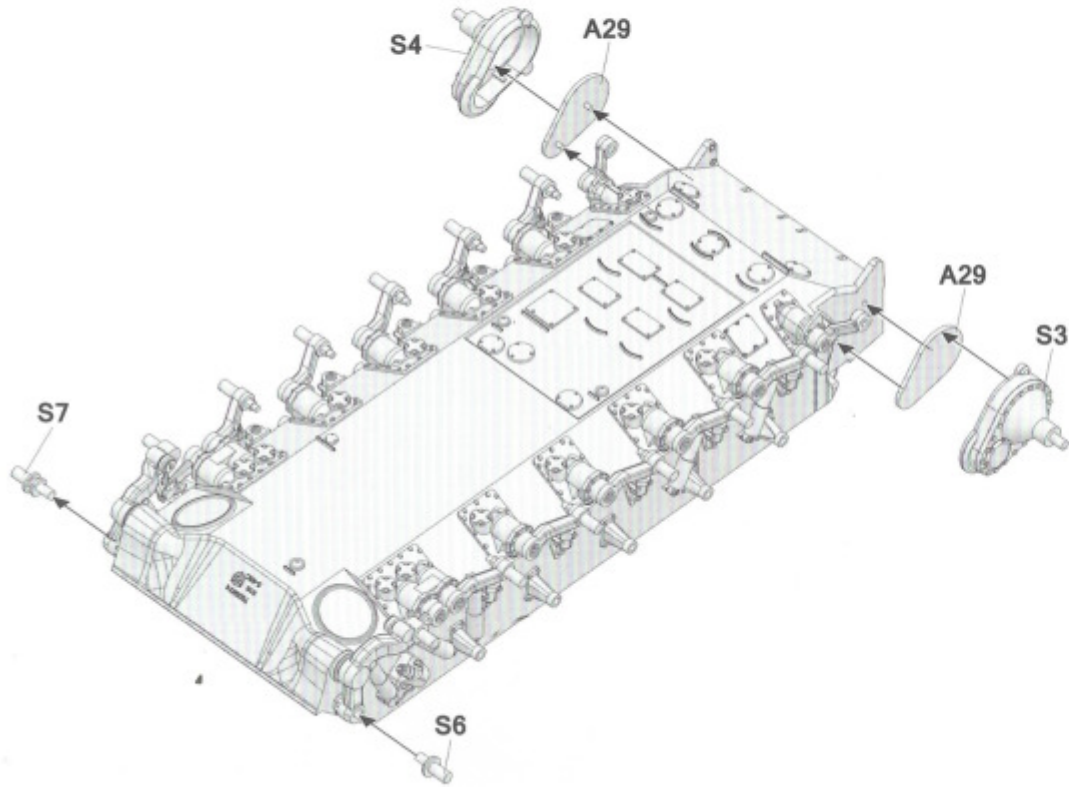
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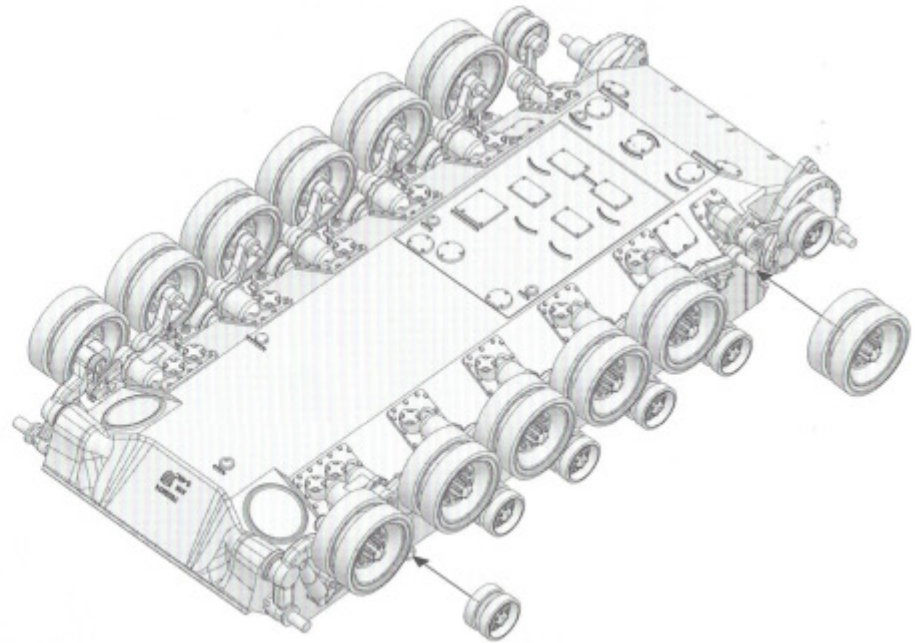
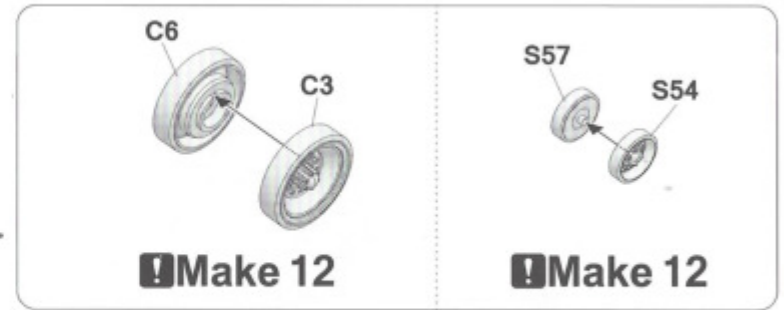
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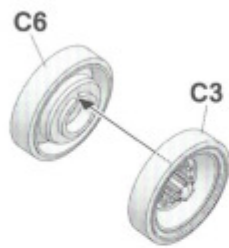
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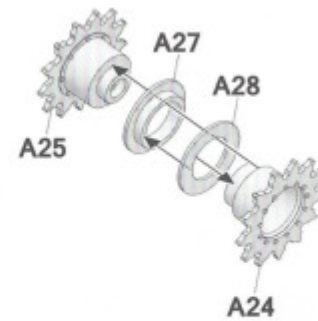


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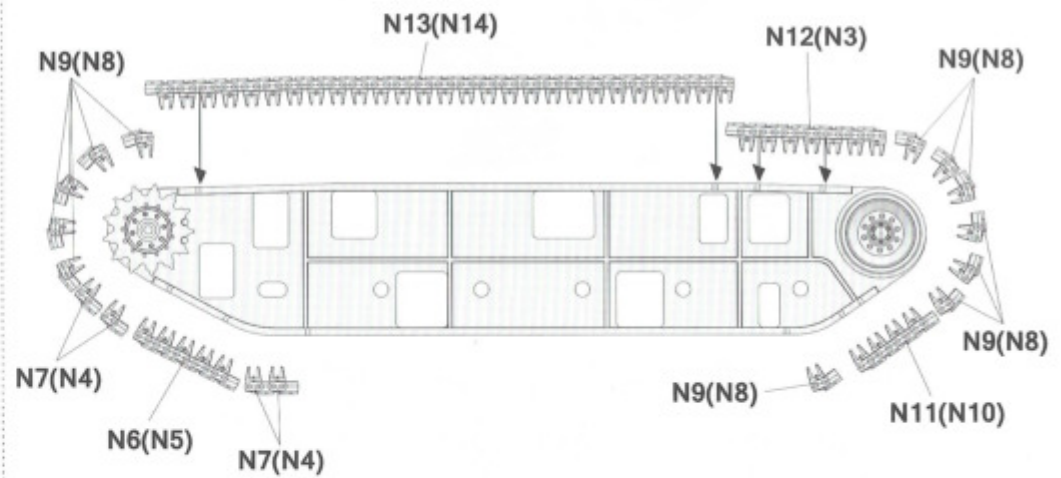
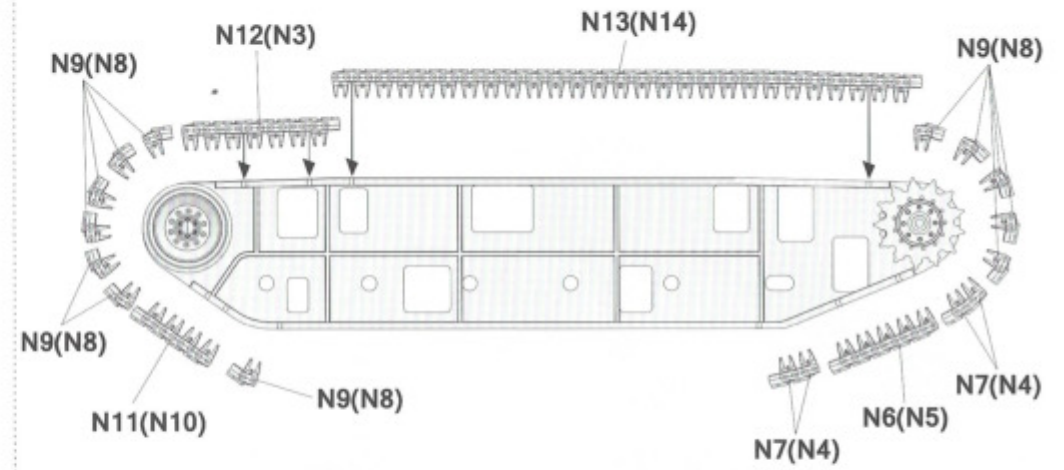
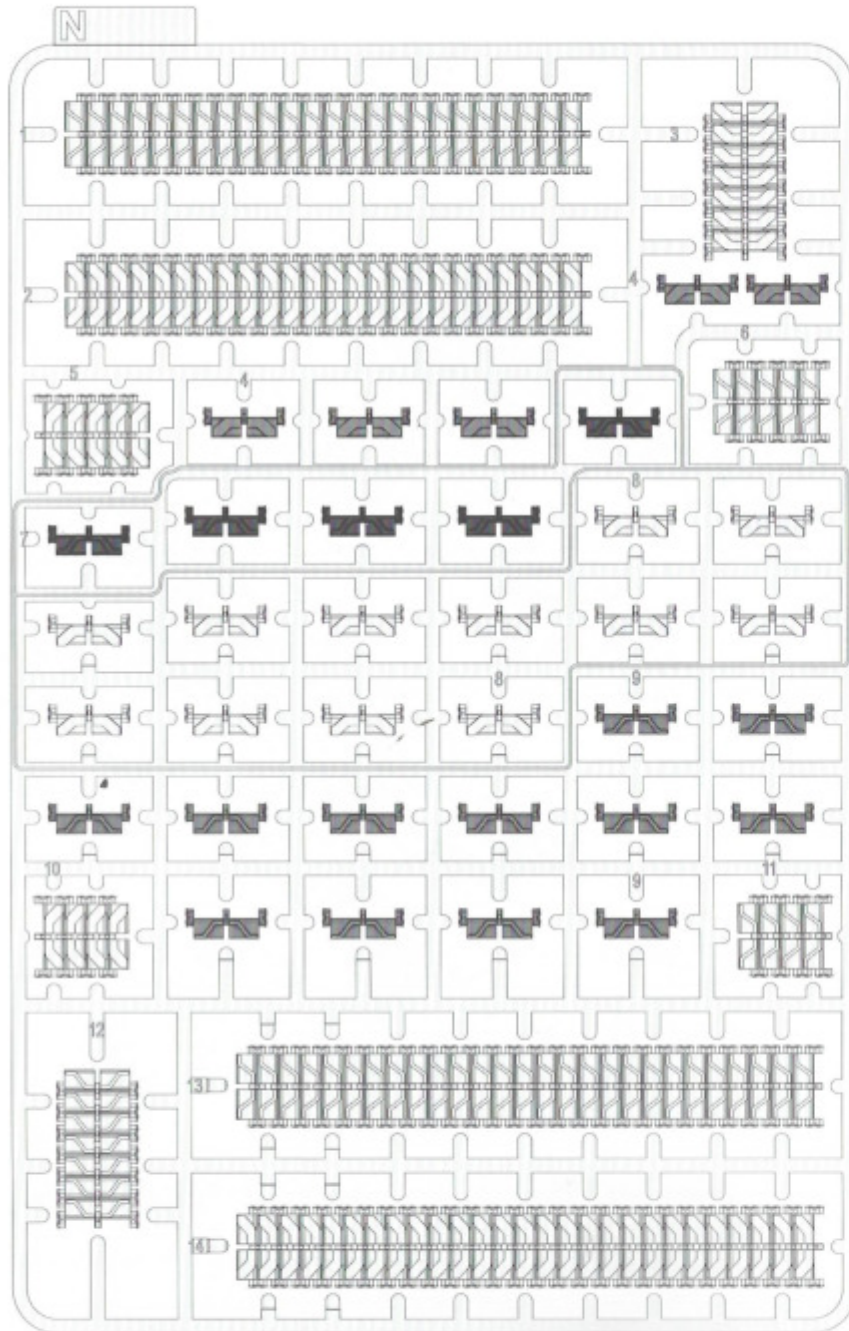


Make 2

6

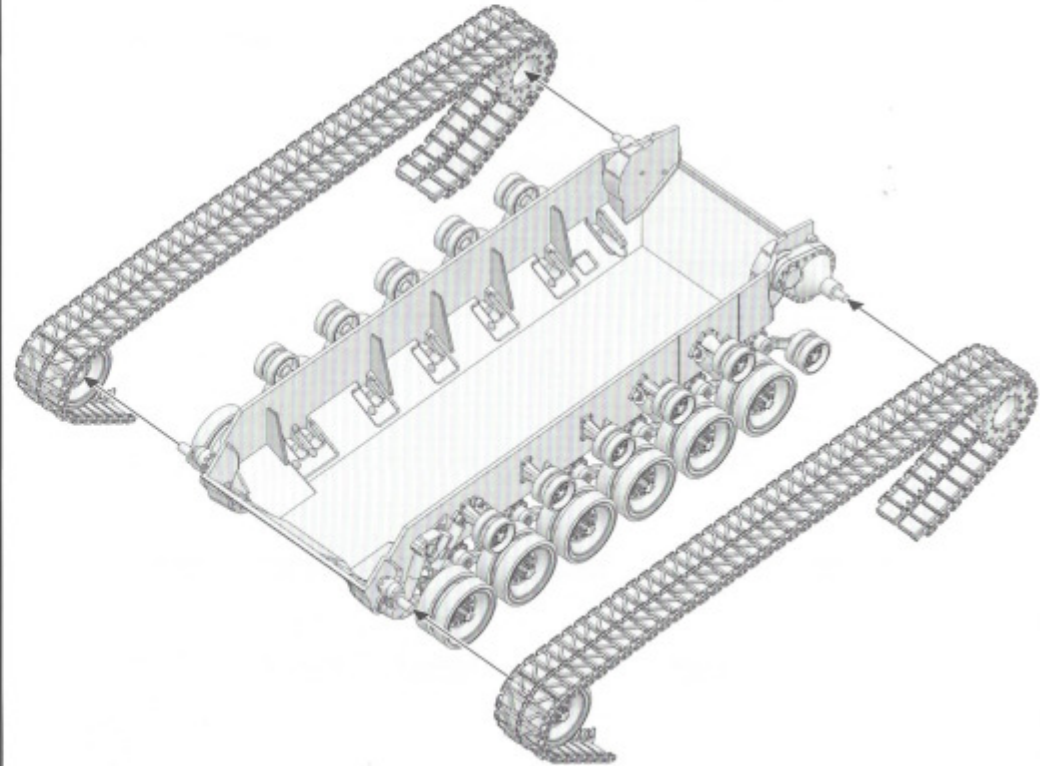
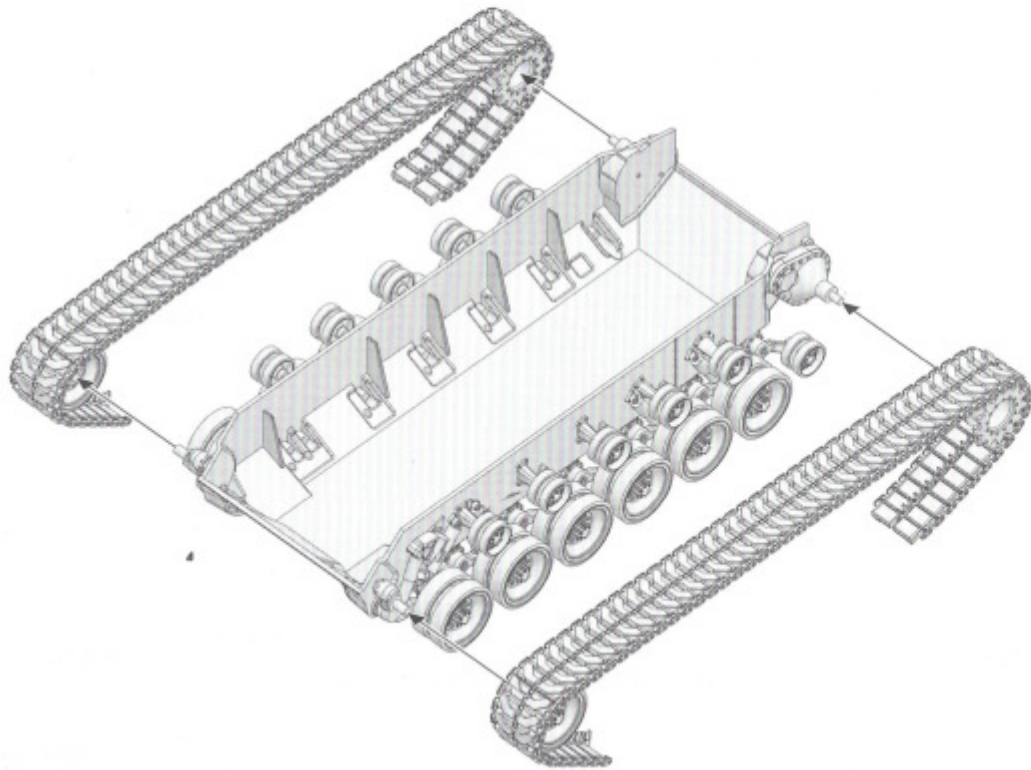


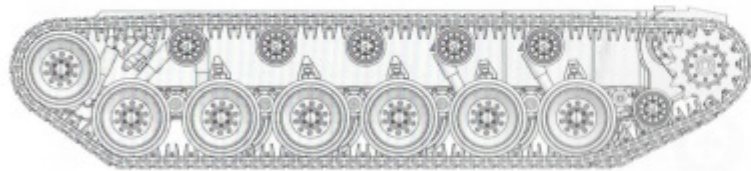
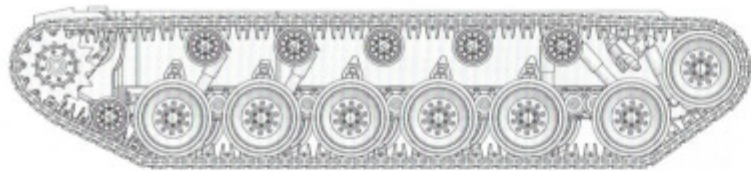
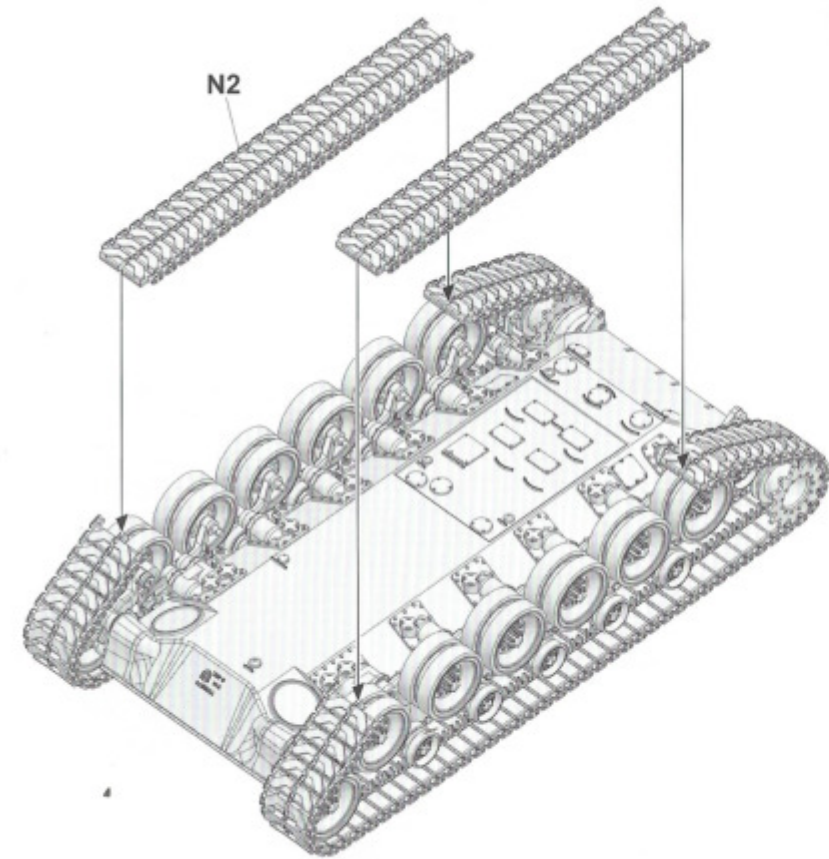
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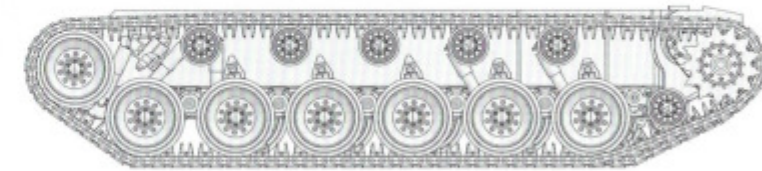
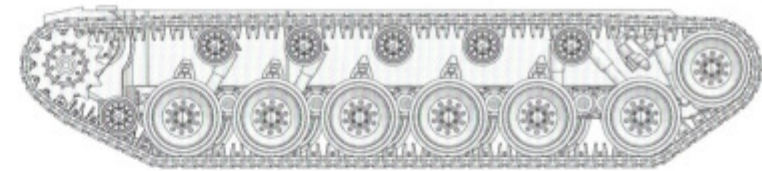
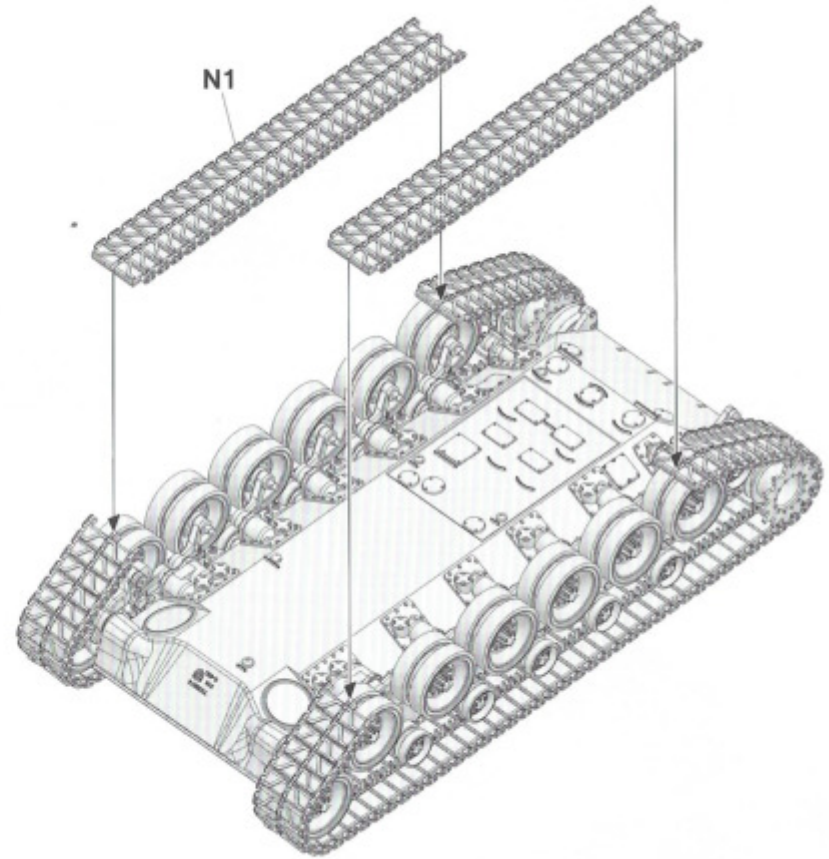


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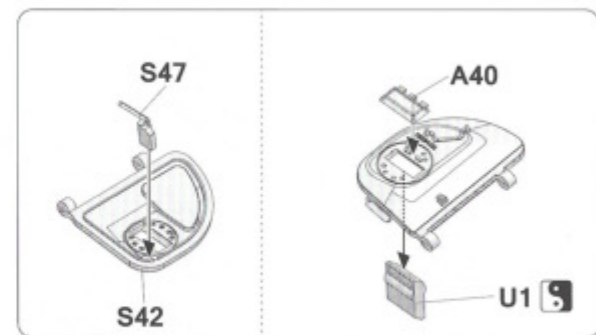
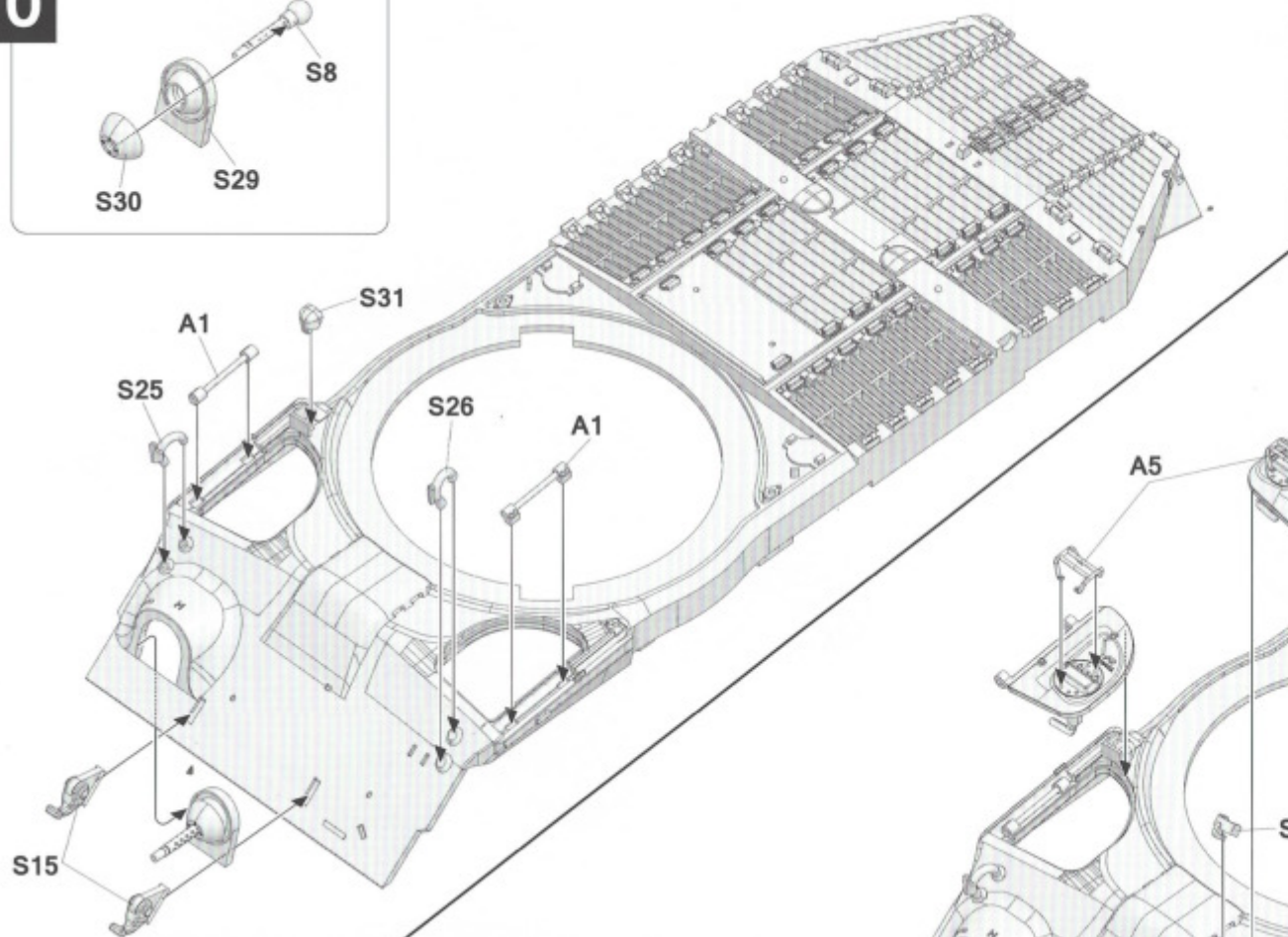
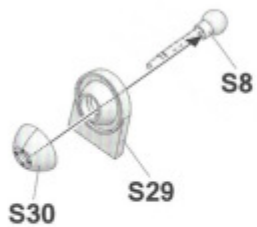




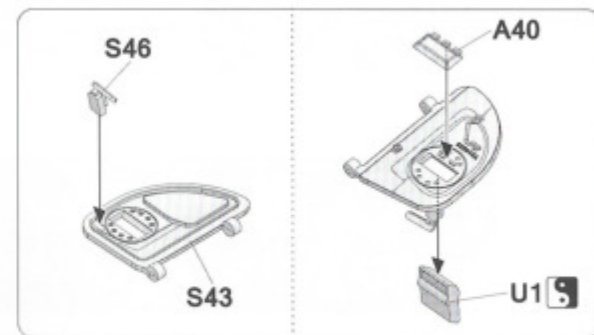
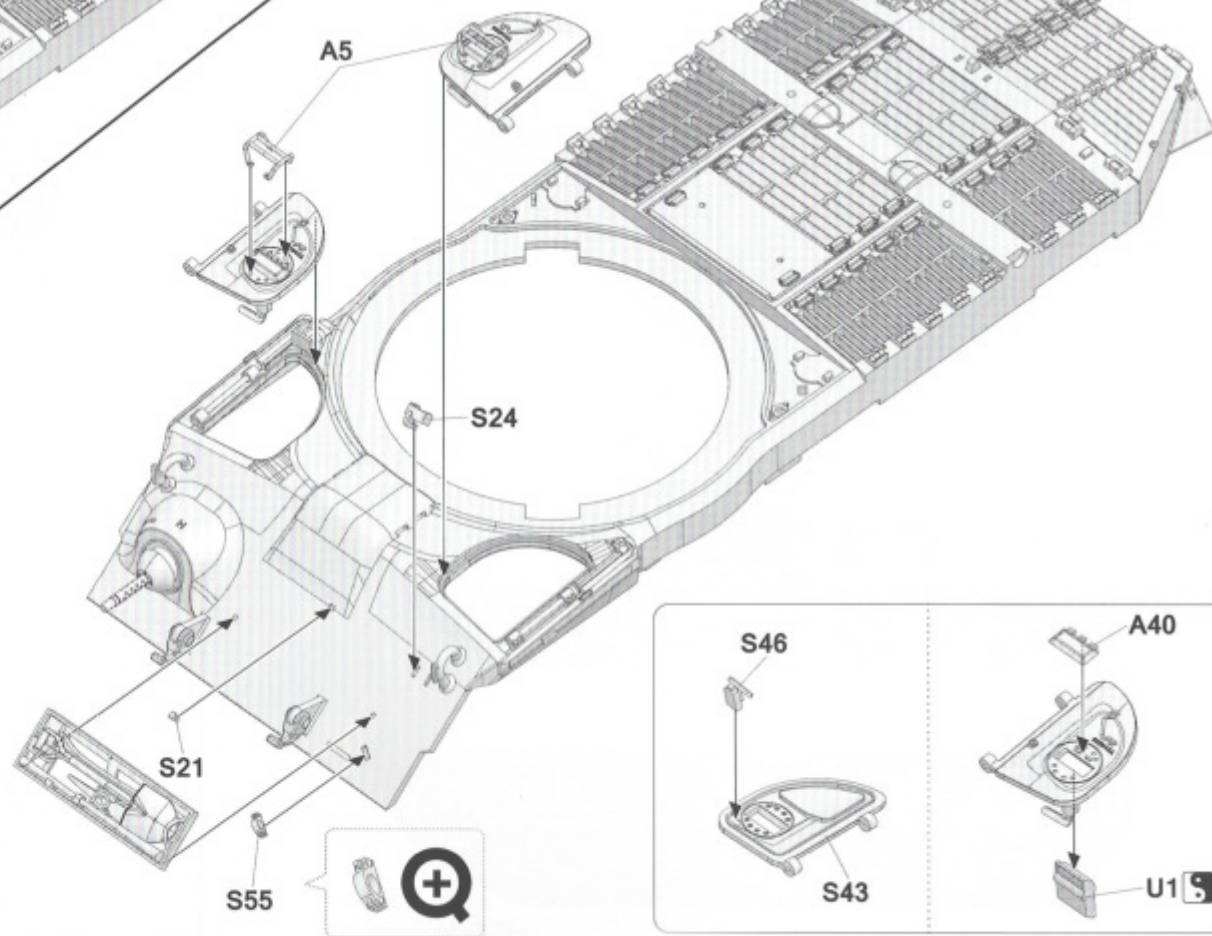
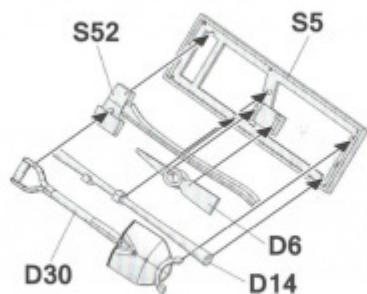

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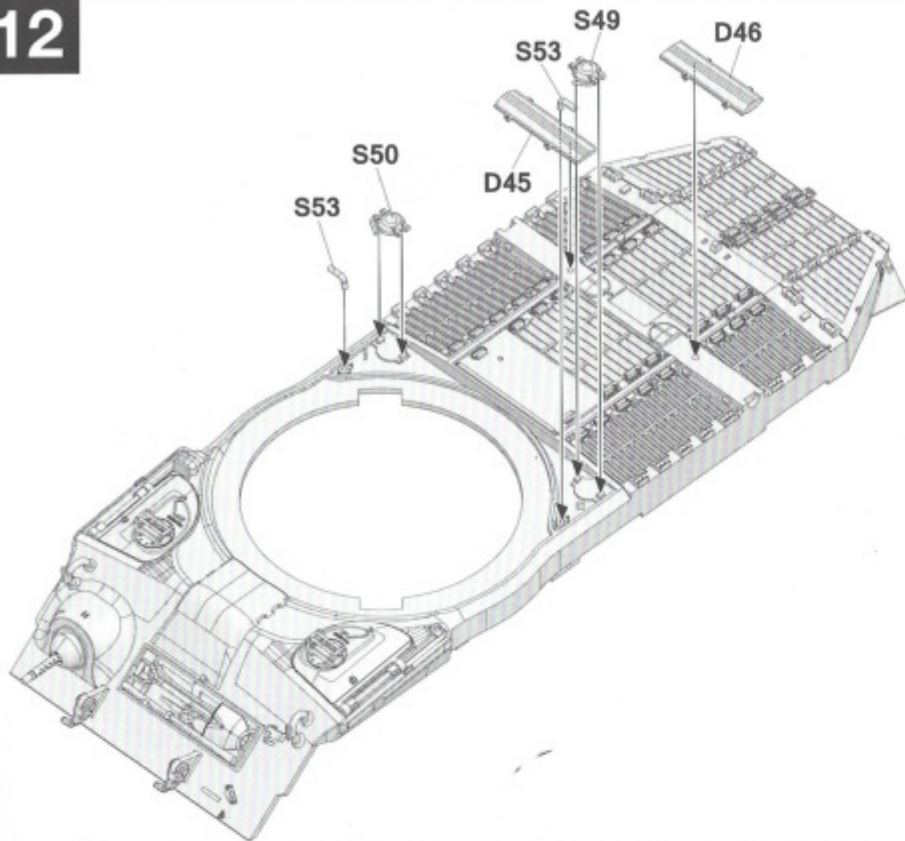
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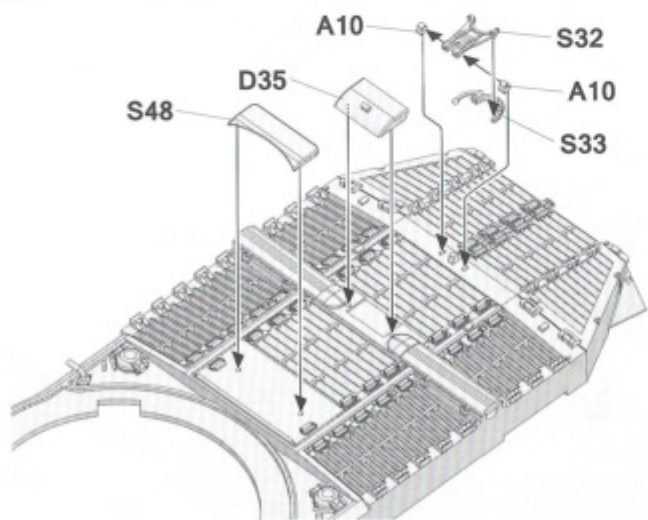
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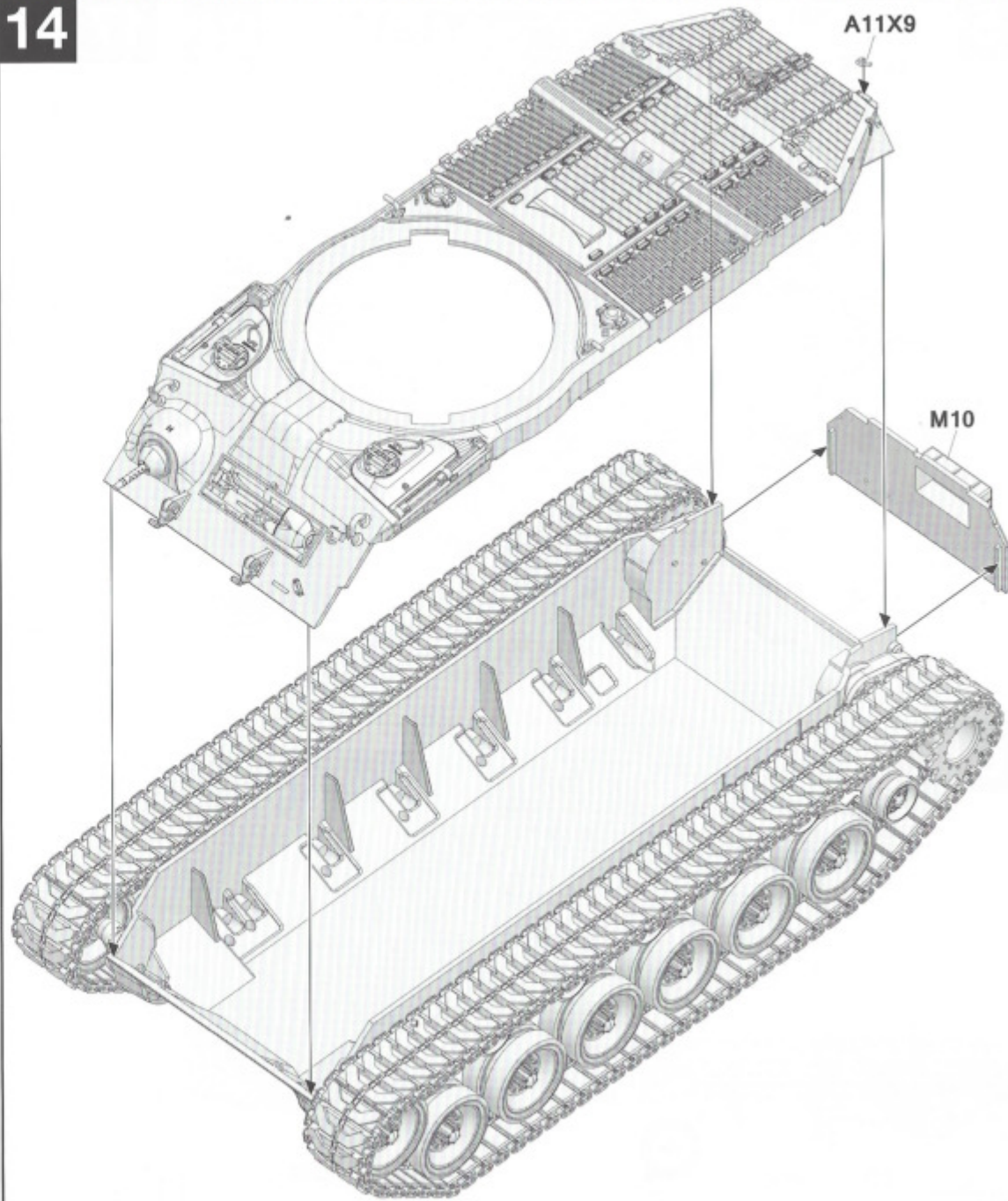
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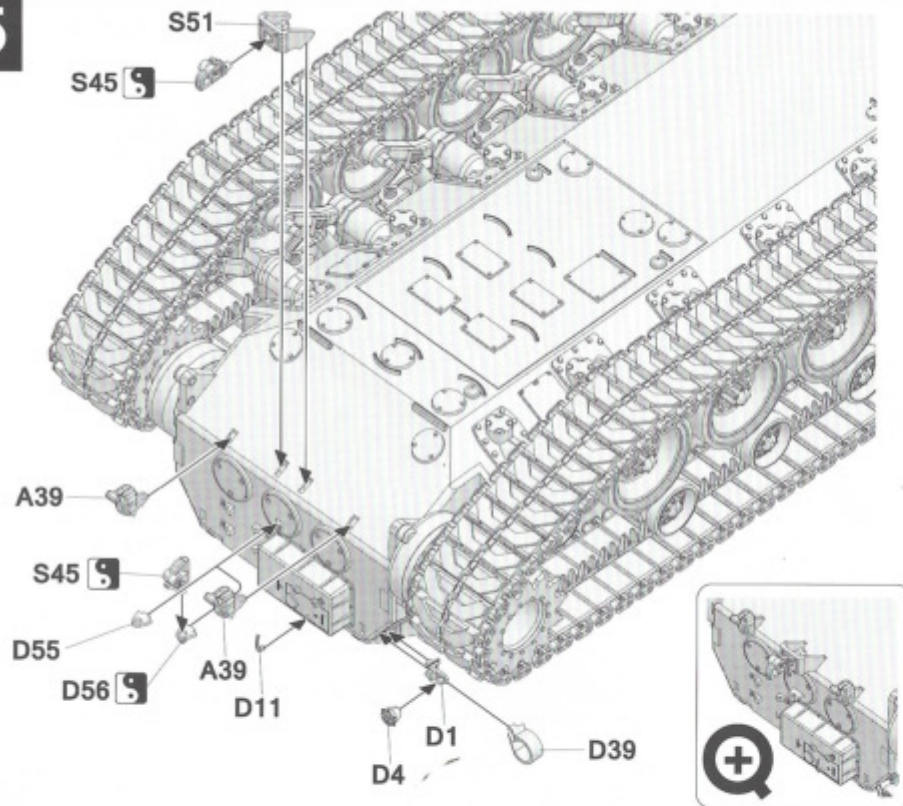
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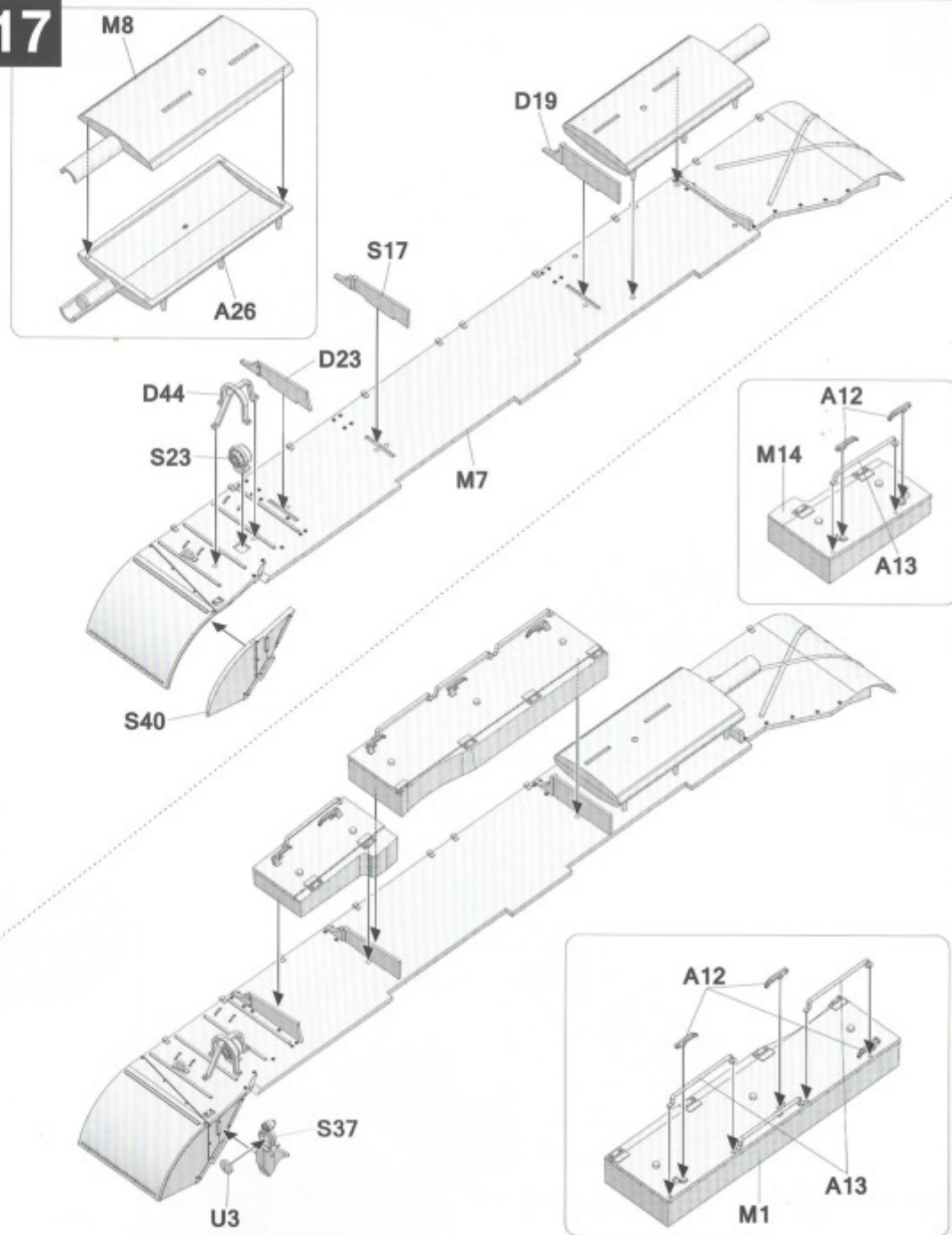
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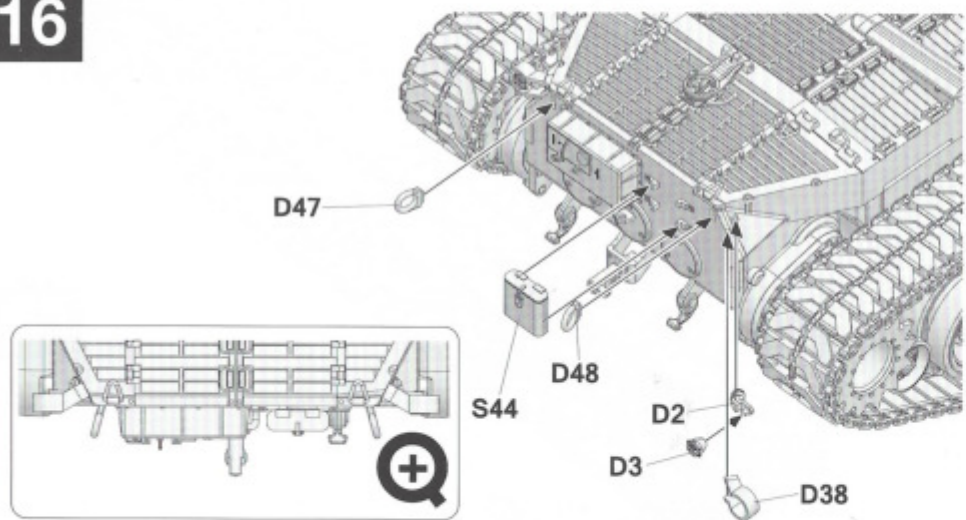
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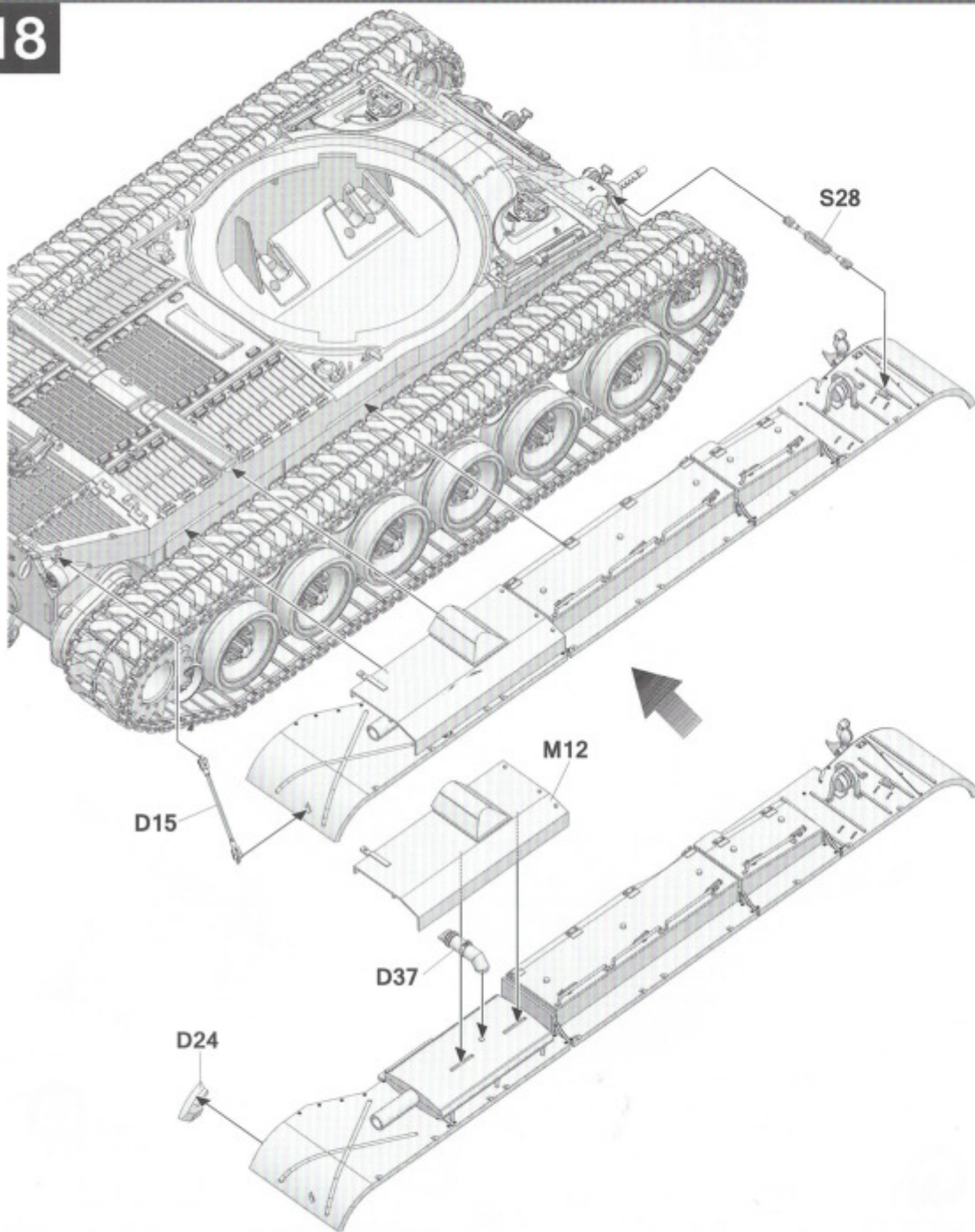
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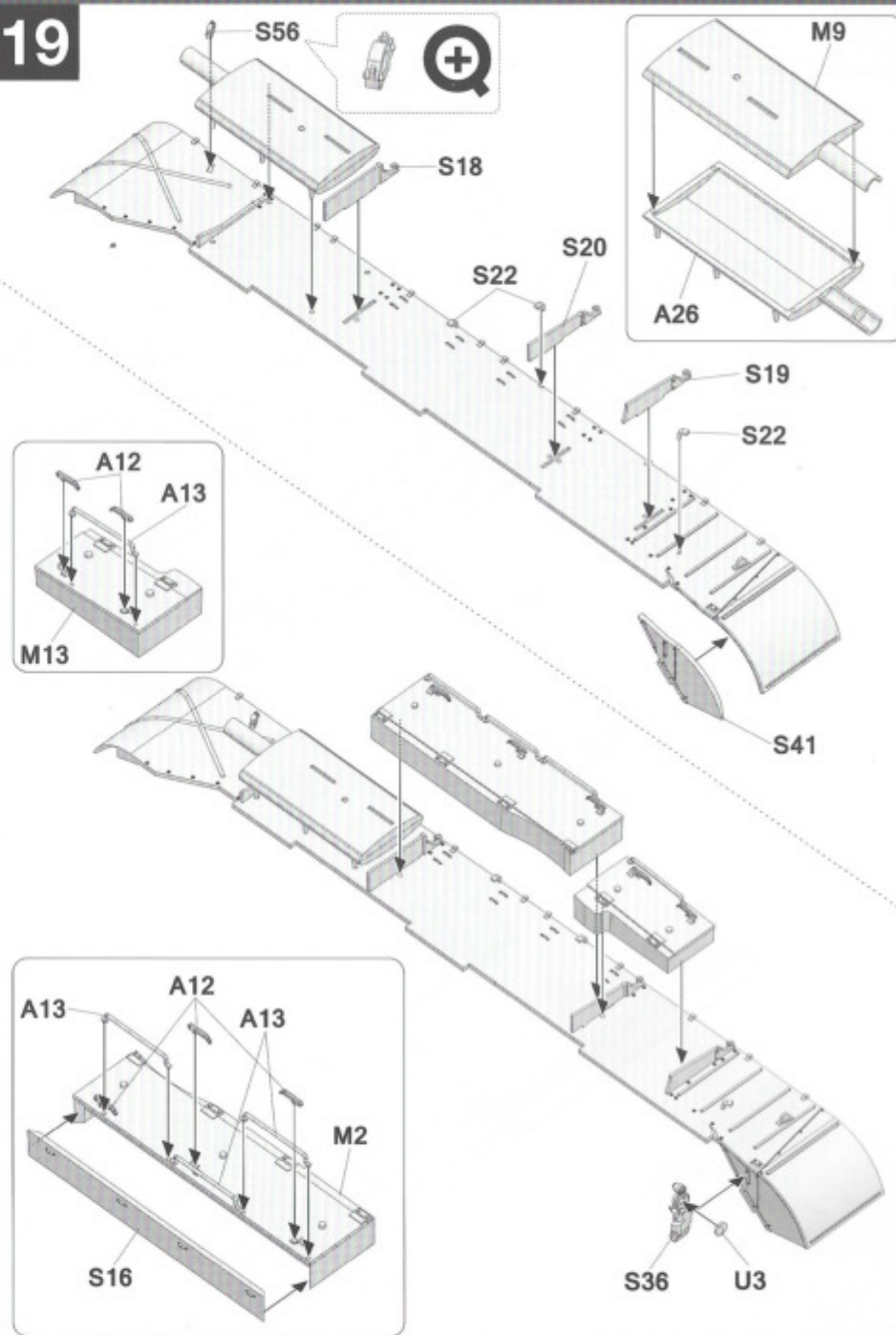
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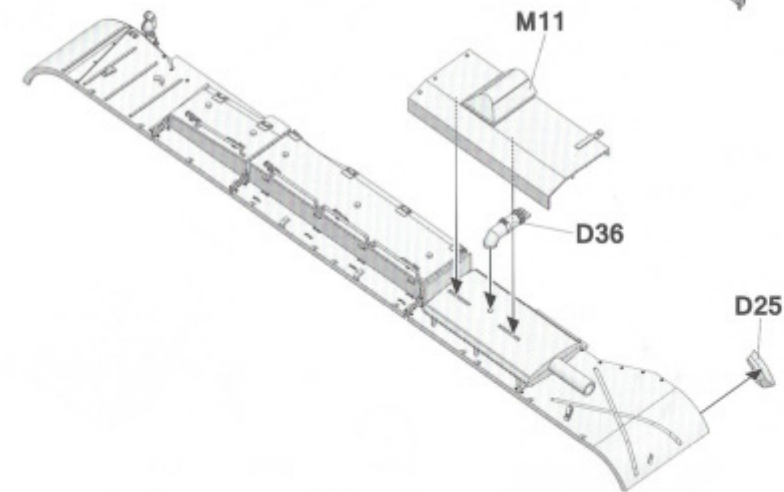
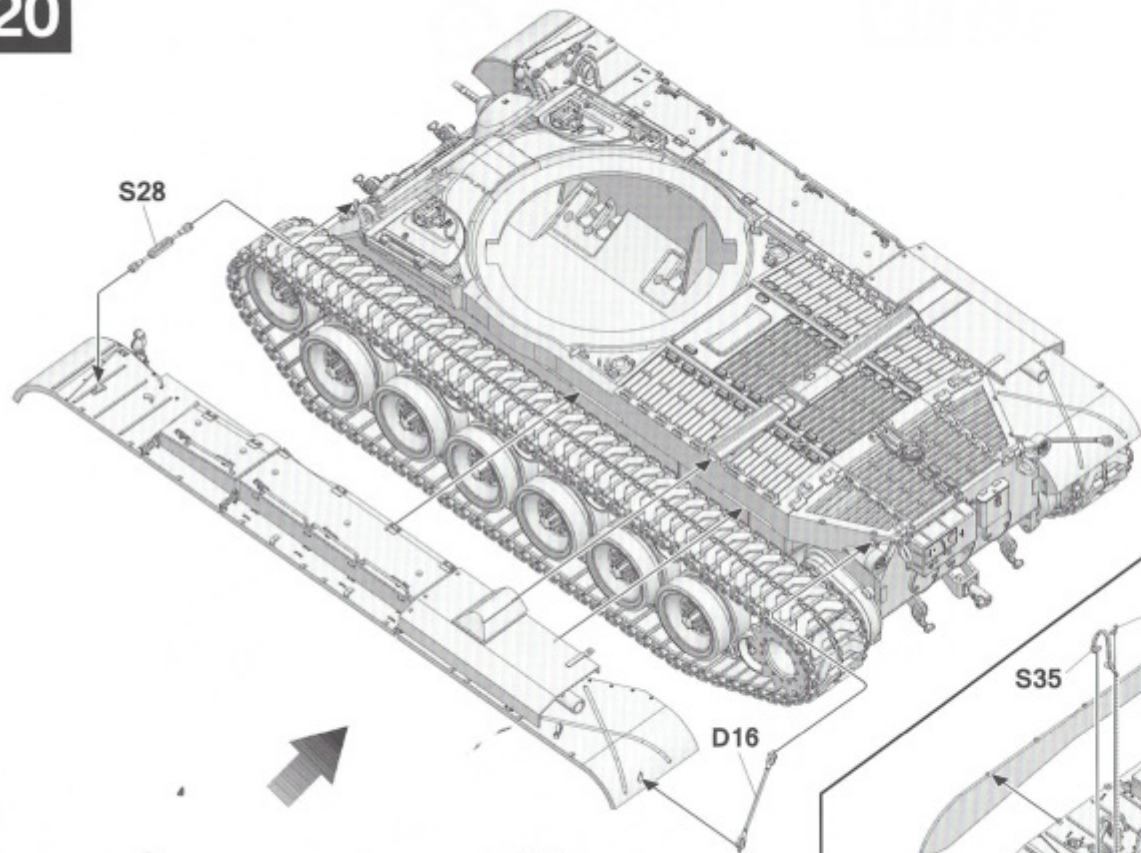
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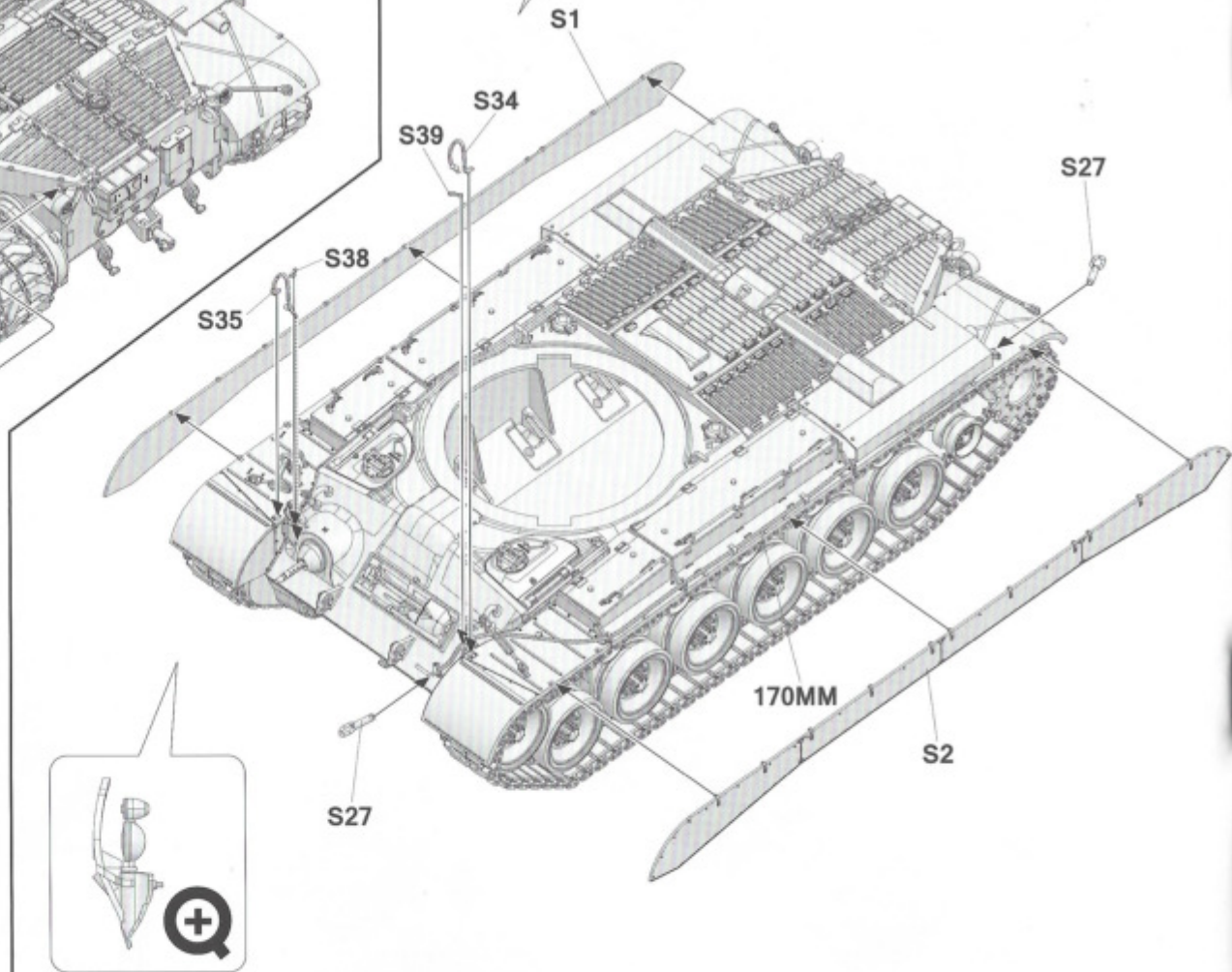
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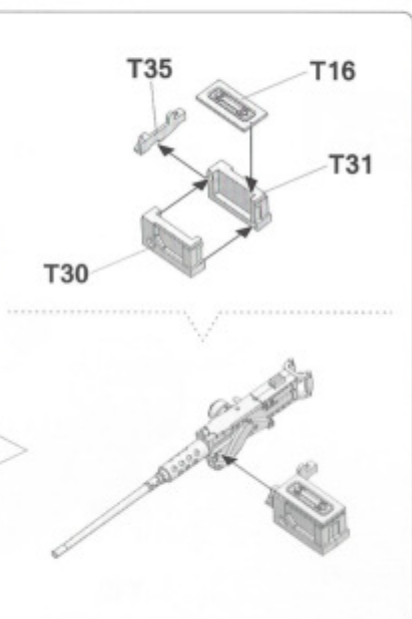
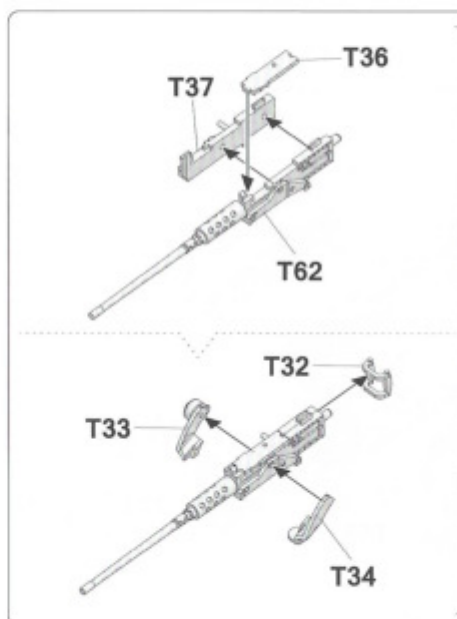
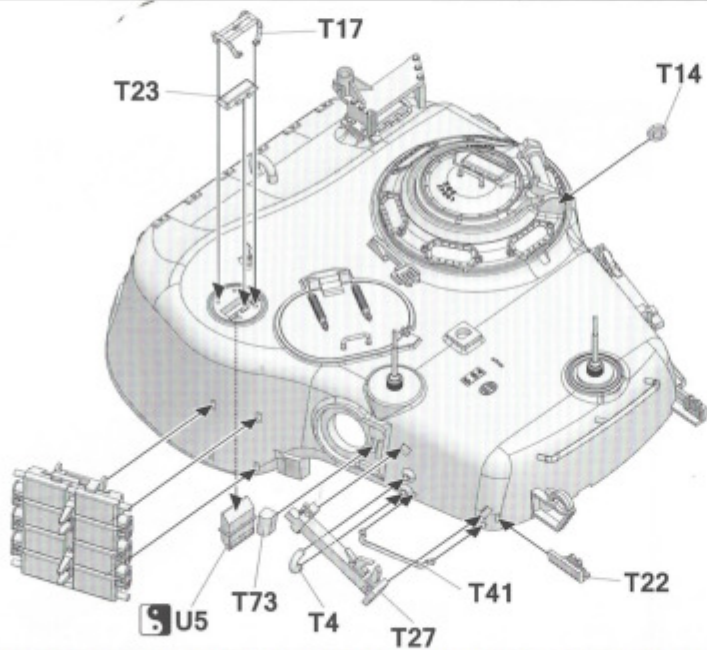
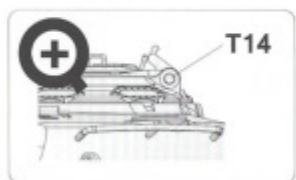
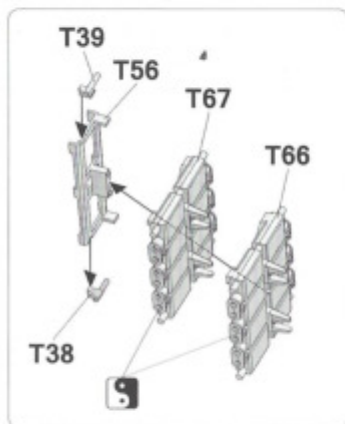
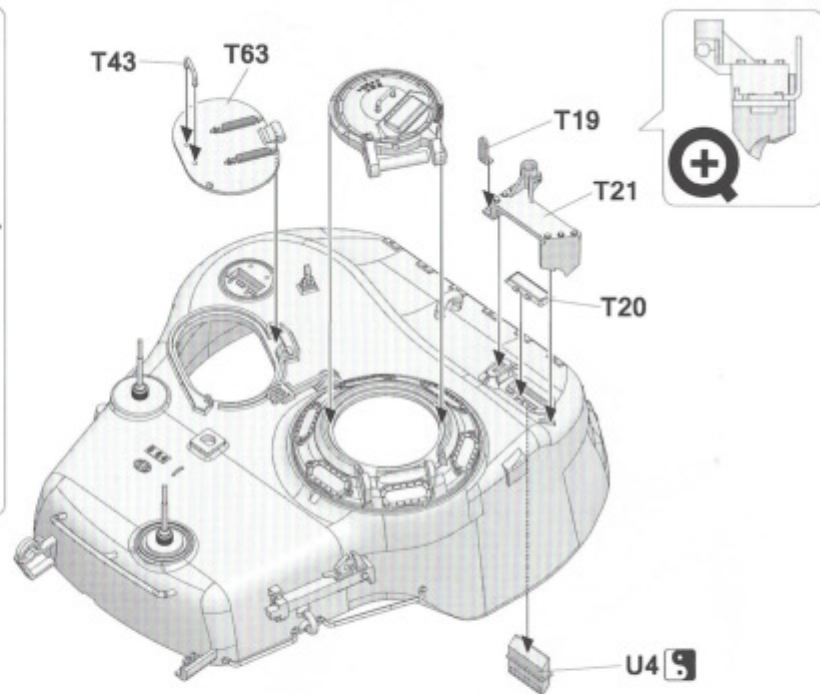
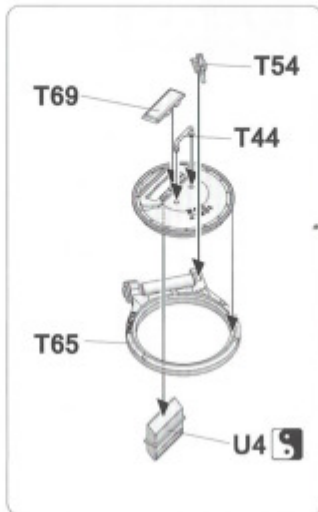
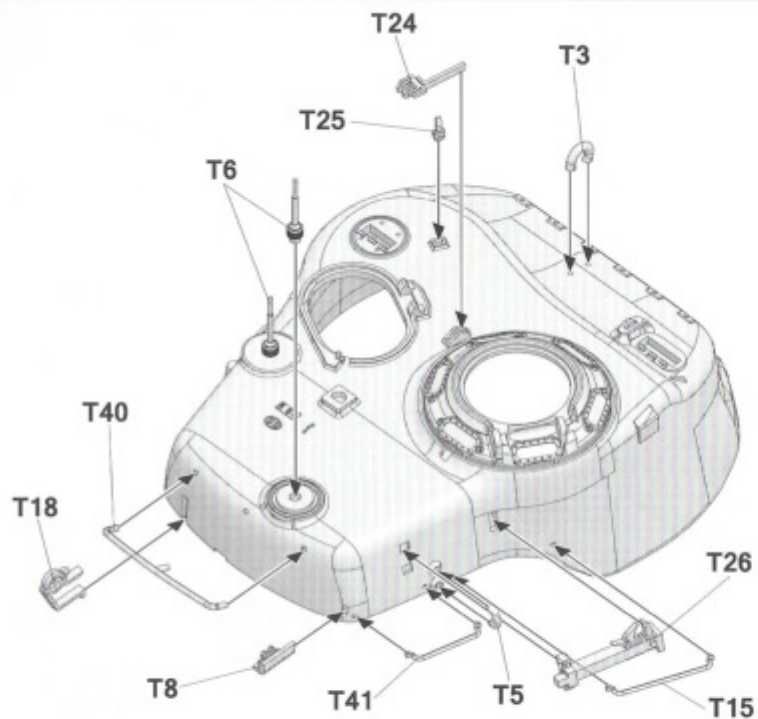


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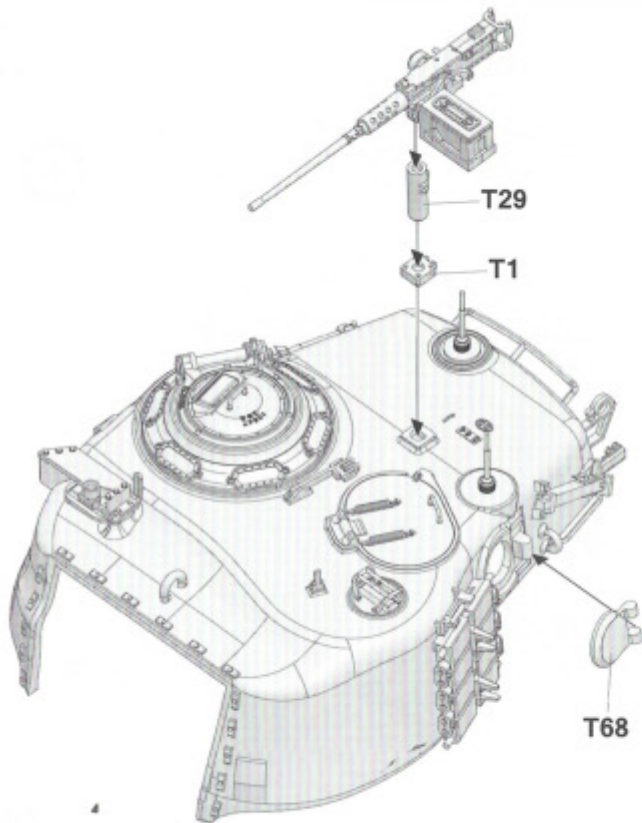


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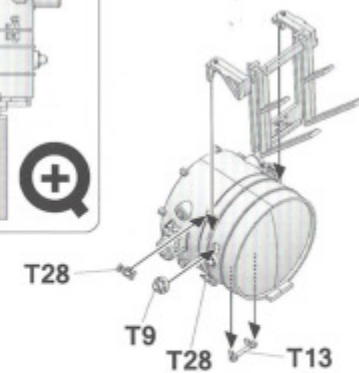
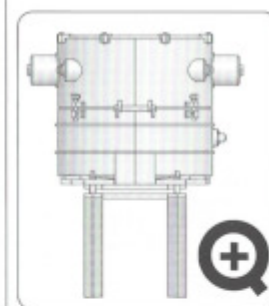
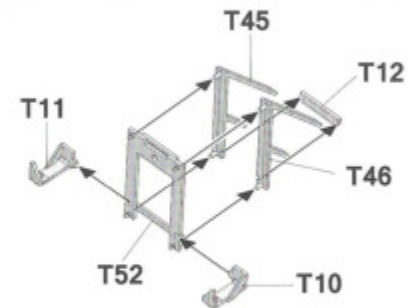
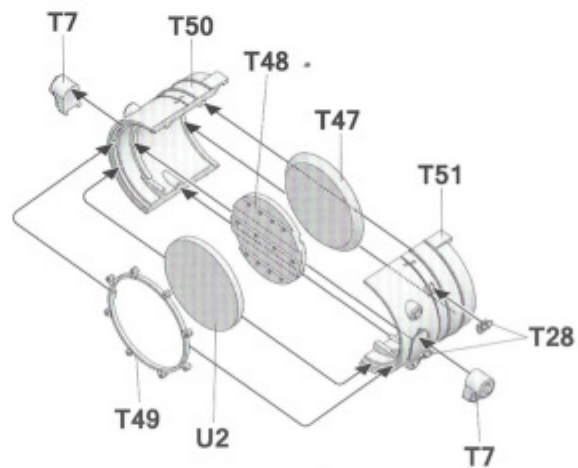
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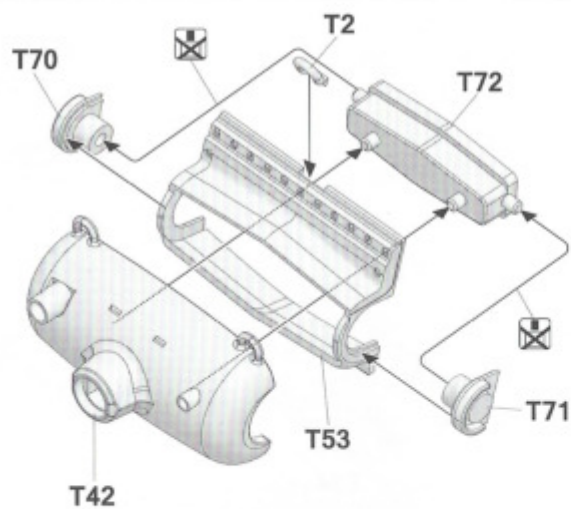
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Optional



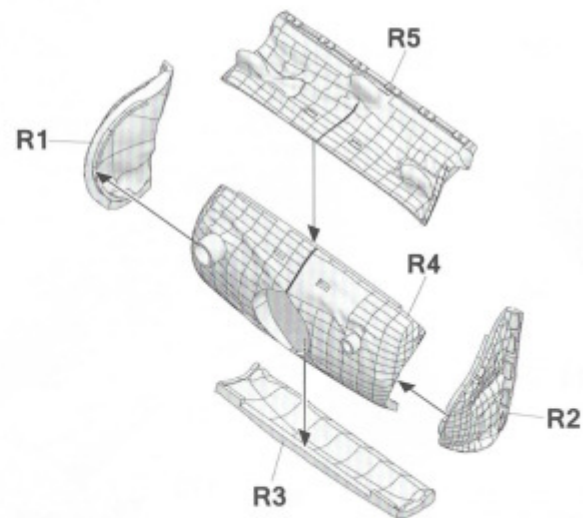
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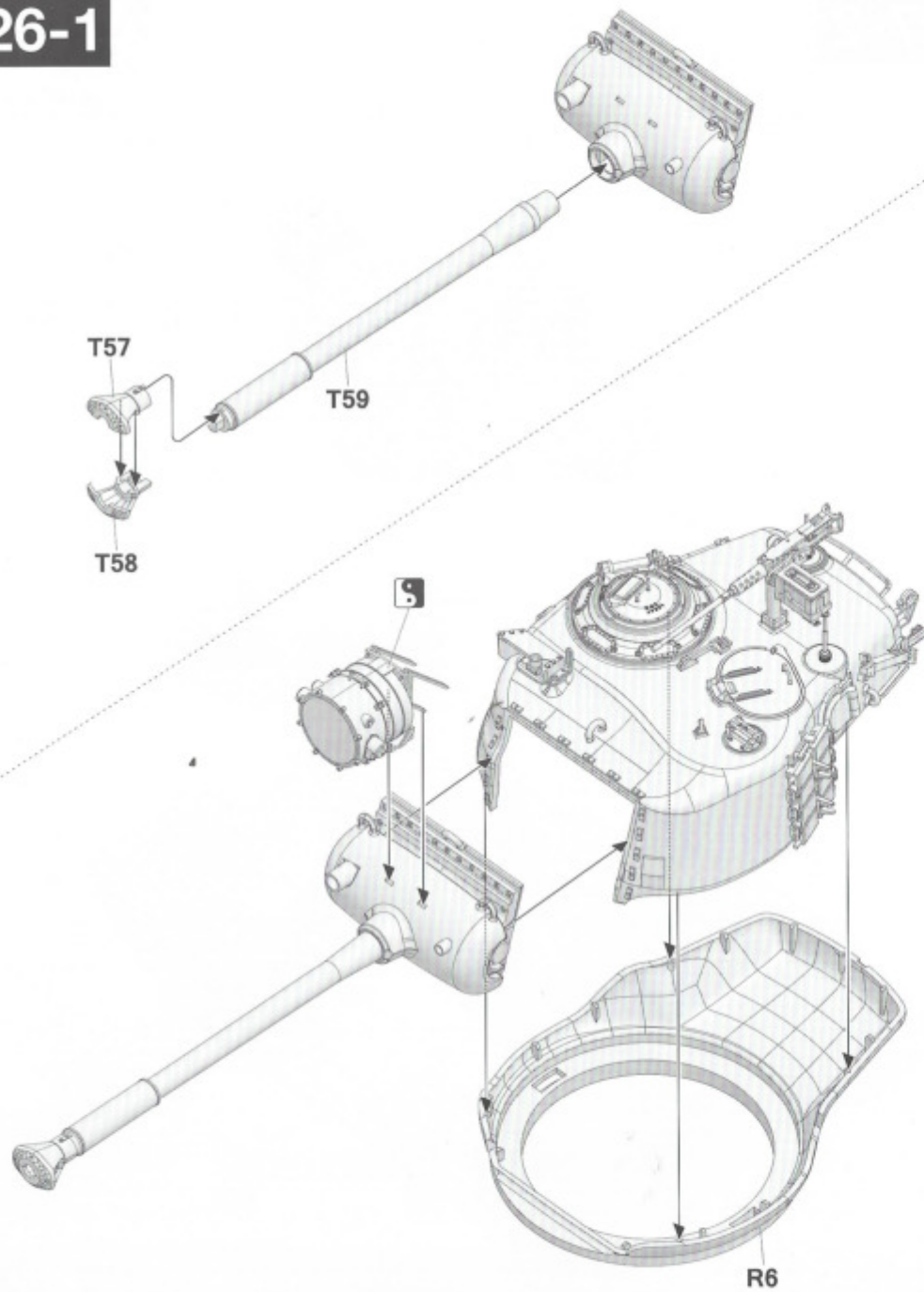
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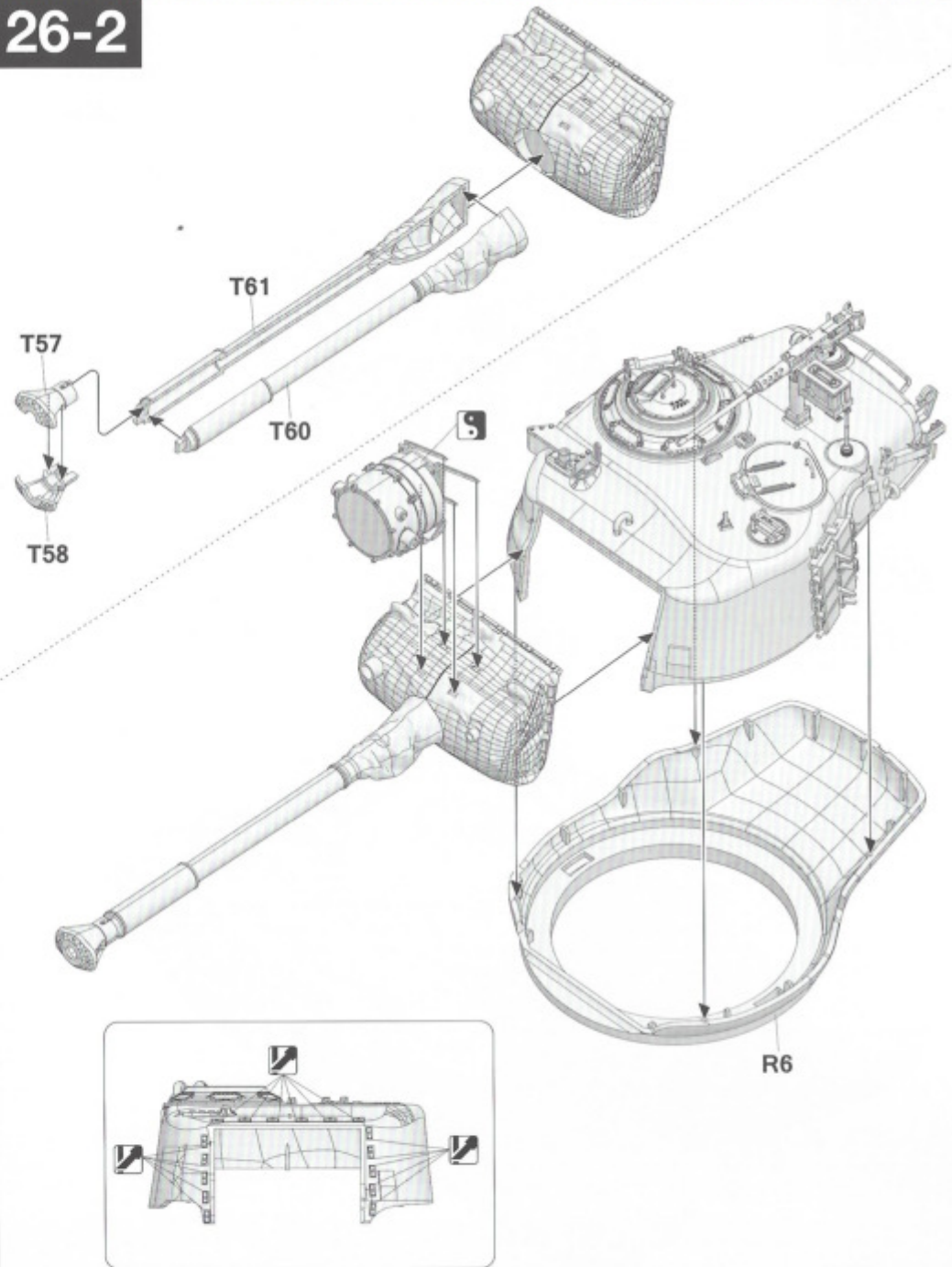
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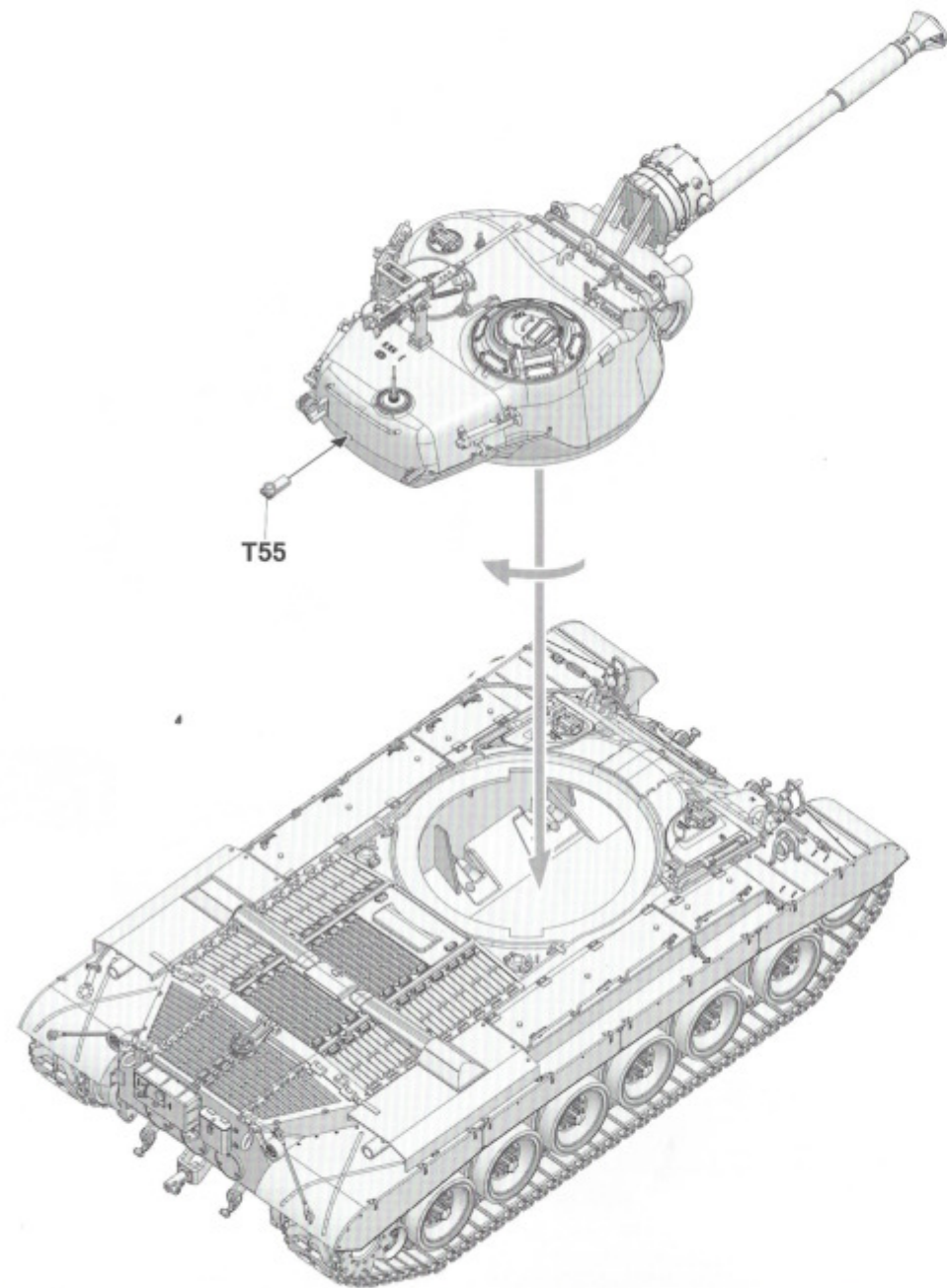
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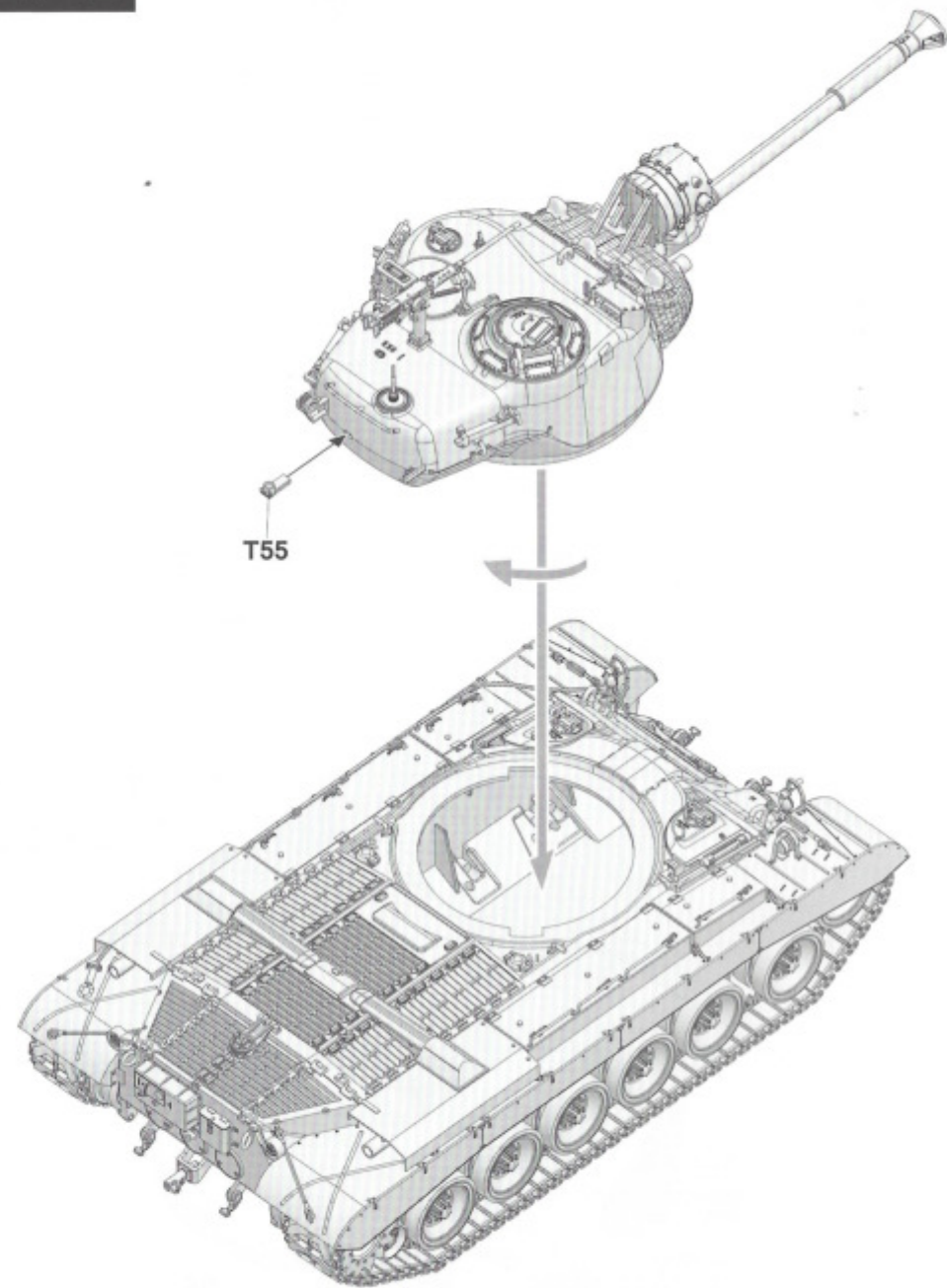
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27-1



27-2



Painting and Marking Guide

TAKOM Ref: 2117

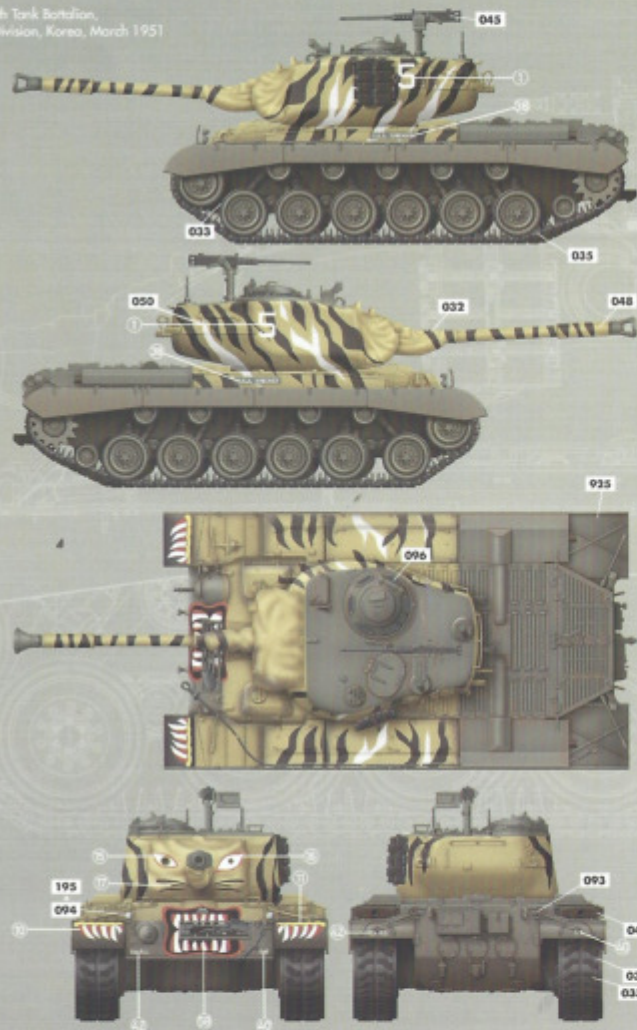
US Medium Tank M46 Patton

C Company, 6th Tank Battalion,
24th Infantry Division, Korea, March 1951

A.MIG 033 Rubber & Tire A.MIG 033 Dark Tracks A.MIG 032 Sahn Black A.MIG 045 Gun Metal

A.MIG 093 Crystal Red A.MIG 094 Crystal Olive A.MIG 925 Olive Drab Dark A.MIG 046 Yellow

A.MIG 050 Matt White A.MIG 042 Old Rust A.MIG 096 Crystal Parrotree Green A.MIG 195 Silver



WEATHERING STEPS WITH AMMO PRODUCTS

1 GENERAL WASH

A.MIG-1885 Wash for Green vehicles
A.MIG-1888 Wash for Dark Yellow

2 PRIMER

A.MIG-1007 TAN for Yellow Green

3 STREAKING

A.MIG-1206 Dark Streaking Olive

4 MARKINGS

A.MIG-1256 Streaking/brusher Dust

5 TRACK WASH

A.MIG-1002 Tracks Wash

6 DUST

A.MIG-3011 Airfield Dust

7 MUD & SPLASHES

A.MIG-1784 Heavy Earth, A.MIG-1754 Damp Earth

8 GREASE & OIL

A.MIG-1708 Fresh Engine Oil

Painting and Marking Guide

TAKOM Ref: 2117

US Medium Tank M46 Patton

C Company, 6th Tank Battalion,
24th Infantry Division, Korea, March 1951

A.MIG 033 Rubber & Tire A.MIG 033 Dark Tracks A.MIG 032 Sahn Black A.MIG 045 Gun Metal

A.MIG 093 Crystal Red A.MIG 094 Crystal Olive A.MIG 925 Olive Drab Dark A.MIG 046 Yellow

A.MIG 050 Matt White A.MIG 042 Old Rust A.MIG 096 Crystal Parrotree Green A.MIG 195 Silver



WEATHERING STEPS WITH AMMO PRODUCTS

1 GENERAL WASH

A.MIG-1885 Wash for Green vehicles
A.MIG-1888 Wash for Dark Yellow

2 PRIMER

A.MIG-1004 Brown for Desert Yellow

3 STREAKING

A.MIG-1256 Streaking/brusher Green/Grey/Green

4 MARKINGS

A.MIG-1208 Rainmarks Effects

5 TRACK WASH

A.MIG-1002 Tracks Wash

6 DUST

A.MIG-3013 Puddle

7 MUD & SPLASHES

A.MIG-1700 Turned Earth, A.MIG-1732 Dry Slope

8 GREASE & OIL

A.MIG-1708 Fresh Engine Oil

Painting and Marking Guide

| | | | |
|-------------------------------|-------------------------------|---|---------------------------|
| AMMO 033 Rubber & Tire | AMMO 035 Dark Tracks | AMMO 925 Olive Drab Dark | AMMO 045 Gun Metal |
| AMMO 093 Crystal Red | AMMO 094 Crystal Glass | AMMO 096 Crystal Penetrating Green | AMMO 195 Silver |
| AMMO 042 Old Rust | AMMO 071 Khaki | | |

TAKOM Ref: 2117

US Medium Tank M46 Patton

B Company, 73rd Heavy Tank Battalion,
Korea, 1951

WEATHERING STEPS WITH AMMO PRODUCTS

- | | | | |
|--|---|---|--|
| 1 GENERAL WASH A.MIG-1005 Dark Brown Wash for Green Vehicles | 2 STREAKING A.MIG-1203 Streaking Grime | 3 TRACK WASH A.MIG-1002 Tracks Wash | 4 MUD & SPLASHES A.MIG-1702 Turned Earth, A.MIG-1751 Dry Steps |
| 2 FILTER A.MIG-1508 Green for Grey Greas | 4 PAINTMARKS A.MIG-1253 Streakingbrusher Dust | 5 DUST A.MIG-3012 Sand | 5 GREASE & OIL A.MIG-1708 Fresh Engine Oil |

Painting and Marking Guide

| | | | |
|-------------------------------|-------------------------------|---|---------------------------|
| AMMO 033 Rubber & Tire | AMMO 035 Dark Tracks | AMMO 925 Olive Drab Dark | AMMO 045 Gun Metal |
| AMMO 093 Crystal Red | AMMO 094 Crystal Glass | AMMO 096 Crystal Penetrating Green | AMMO 195 Silver |
| AMMO 042 Old Rust | AMMO 071 Khaki | | |

TAKOM Ref: 2117

US Medium Tank M46 Patton

64th Tank Battalion, 3rd Infantry Division,
Korea, February 1951

WEATHERING STEPS WITH AMMO PRODUCTS

- | | | | |
|--|---|--|--|
| 1 GENERAL WASH A.MIG-1005 Dark Wash | 2 STREAKING A.MIG-1252 Streakingbrusher Pad Brown | 3 RUST A.MIG-1004 Streaking Rust | 4 MUD & SPLASHES A.MIG-1755 Wet Ground |
| 2 FILTER A.MIG-1506 Brown for Dark Green | 4 TRACKS WASH A.MIG-1002 Tracks Wash | 5 DUST A.MIG-3007 Dark Earth | 5 GREASE & OIL A.MIG-1708 Fresh Engine Oil |

Painting and Marking Guide

A.MIG 033 Rubber & Tires A.MIG 035 Dark Tracks A.MIG 925 Olive Drab Dark A.MIG 045 Gun Metal

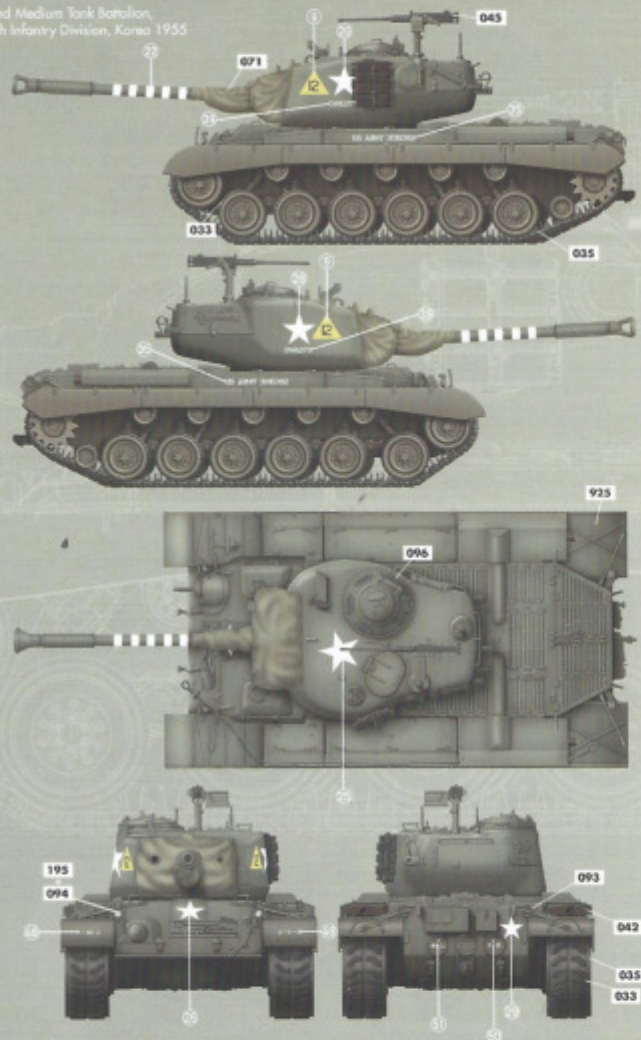
A.MIG 093 Crystal Red A.MIG 094 Crystal Glass A.MIG 096 Crystal Periscope Green A.MIG 195 Silver

A.MIG 042 Old Rust A.MIG 071 Khaki

TAKOM Ref: 2117

US Medium Tank M46 Patton

E Company, 2nd Medium Tank Battalion,
40th Armor, 7th Infantry Division, Korea 1955



WEATHERING STEPS WITH AMMO PRODUCTS

1 GENERAL WASH

A.MIG-1006 Dark Brown Wash for Green Vehicles

2 FILTER

A.MIG-1508 Green for Grey Green

3 STREAKING

A.MIG-1253 Streaking/brusher Grime

4 PAINTMARKS

A.MIG-1008 Paintmarks Effects

5 TRACKS WASH

A.MIG-1002 Tracks Wash

6 DUST

A.MIG-3012 Sand

7 MUD & SPLASHES

A.MIG-1702 Turned Earth, A.MIG-1751 Dry Sludge

8 GREASE & OIL

A.MIG-1438 Fresh Engine Oil

Painting and Marking Guide

A.MIG 033 Rubber & Tires A.MIG 035 Dark Tracks A.MIG 925 Olive Drab Dark A.MIG 045 Gun Metal

A.MIG 093 Crystal Red A.MIG 094 Crystal Glass A.MIG 096 Crystal Periscope Green A.MIG 195 Silver

A.MIG 042 Old Rust A.MIG 071 Khaki

TAKOM Ref: 2117

US Medium Tank M46 Patton

D Company, 1st Marine Tank Battalion,
Korea, 1952



WEATHERING STEPS WITH AMMO PRODUCTS

1 GENERAL WASH

A.MIG-1006 Dark Brown Wash for Green Vehicles

2 FILTER

A.MIG-1506 Brown for Dark Green

3 STREAKING

A.MIG-1203 Streaking Grime

4 PAINTMARKS

A.MIG-1256 Streaking/brusher Dust

5 TRACKS WASH

A.MIG-1002 Tracks Wash

6 DUST

A.MIG-3013 Rubble

7 MUD & SPLASHES

A.MIG-1703 Moist Ground, A.MIG-1752 Loose Ground

8 GREASE & OIL

A.MIG-1706 Fresh Engine Oil

Painting and Marking Guide



TAKOM Ref: 2117

US Medium Tank M46 Patton

C Company, 1st Marine Tank Battalion,
Korea, 1952 - 53

WEATHERING STEPS WITH AMMO PRODUCTS

1 GENERAL WASH

A.MIG-1005 Dark Brown Wash for Green Vehicles

2 FILTER

A.MIG-1508 Green for Grey Green

3 STREAKING

A.MIG-1253 Streaking/brusher Green

4 RAINMARKS

A.MIG-1208 Rainmarks Effects

5 TRACK WASH

A.MIG-1002 Tracks Wash

6 DUST

A.MIG-3011 Airfield Dust

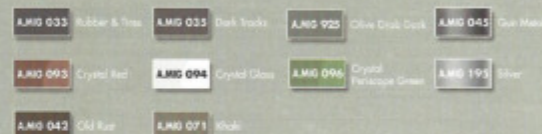
7 MUD & SPLASHES

A.MIG-1704 Heavy Earth, A.MIG-1703 Tanned Dirt

8 GREASE & OIL

A.MIG-1706 Fresh Engine Oil

Painting and Marking Guide



TAKOM Ref: 2117

US Medium Tank M46 Patton

Tank 53, Tank Platoon, 5th Marine Regiment,
Korea, November 1952

WEATHERING STEPS WITH AMMO PRODUCTS

1 GENERAL WASH

A.MIG-1008 Dark Wash

2 FILTER

A.MIG-1506 Brown for Dark Green

3 STREAKING

A.MIG-1252 Streaking/brusher Red Brown

4 RAINMARKS

A.MIG-1208 Rainmarks Effects

5 TRACK WASH

A.MIG-1002 Tracks Wash

6 DUST

A.MIG-3004 Europe Earth

7 MUD & SPLASHES

A.MIG-1704 Heavy Earth, A.MIG-1704 Damp Earth

8 GREASE & OIL

A.MIG-1706 Fresh Engine Oil

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U.S. MEDIUM TANK M46 PATTON

www.migjimenez.com

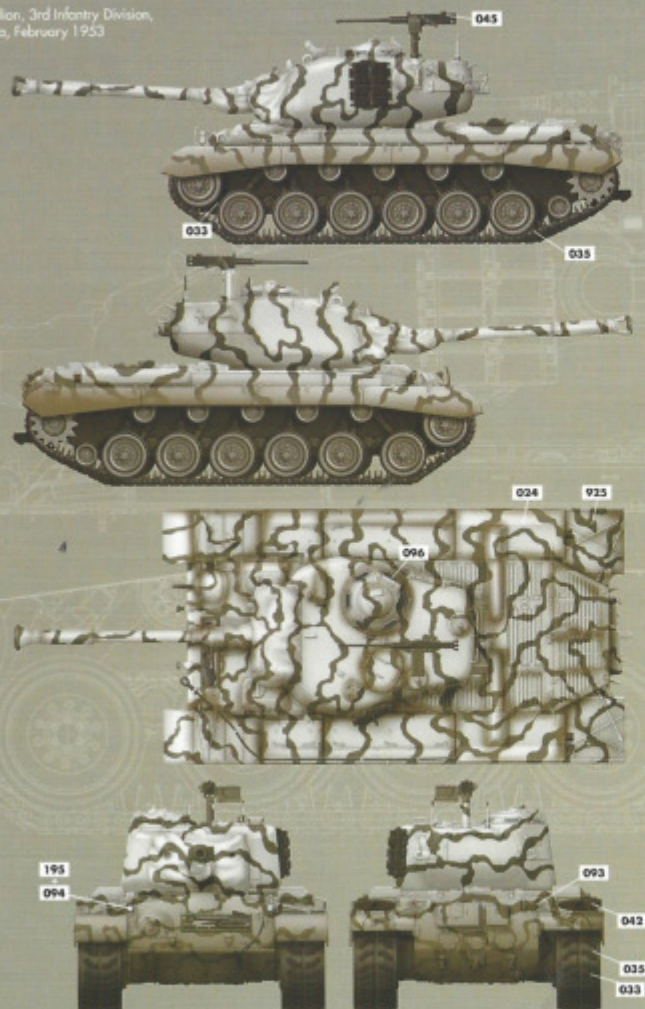


Painting and Marking Guide

| | | | |
|-------------------------|------------------------|------------------------------|----------------------------------|
| AMIG 033 Rubber & Tires | AMIG 035 Dark Tracks | AMIG 034 Washable White Camo | AMIG 045 Gun Metal |
| AMIG 093 Crystal Red | AMIG 094 Crystal Glass | AMIG 935 Olive Drab Dark | AMIG 096 Crystal Periscope Green |
| AMIG 042 Old Rust | AMIG 105 Silver | | |

TAKOM Ref: 2117

US Medium Tank M46 Patton

64th Tank Battalion, 3rd Infantry Division,
Chorwon, Korea, February 1953

WEATHERING STEPS WITH AMMO PRODUCTS

| | | | |
|--|---|--|---|
| 1 GENERAL WASH A MIG-1010 Neutral Wash | 3 STREAKING A MIG-1205 Streaking Game for Winter Vehicles | 5 RUST A MIG-1254 Streaking/Grinder Rust | 7 MUD & SPLASHES A MIG-1794 Heavy Earth, AMIG-1754 Camp Earth |
| 2 FILTER A MIG-1501 Grey for White | 4 TRACKS WASH A MIG-1302 Tracks Wash | 6 DUST A MIG-3004 Europe Earth | 8 GREASE & OIL A MIG-1408 Fresh Engine Oil |

