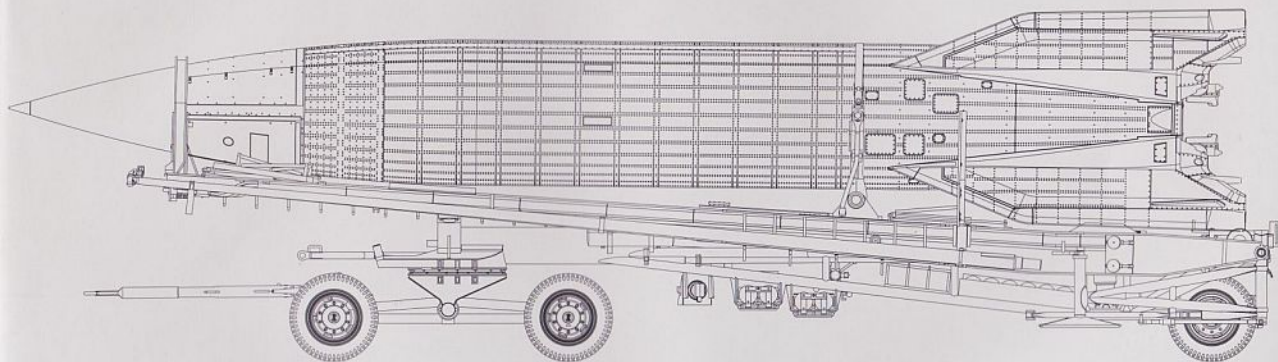


WWII GERMAN V-2 ROCKET TRANSPORTER/ERECTOR

MEILLERWAGEN



Designed by the German Army Research Center Peenemünde during World War II, the Meillerwagen was a trailer used to transport V-2 rockets to the launching point in order to erect the missile onto the firing stand, and to act as a service gantry for fueling the rocket with hydrogen peroxide from a 126 liter tank. It was moved via hand winches to the firing stand, and then leveled using the two screw-jacks mounted on extendable outriggers for launch preparation. The hydraulic erecting frame suspended the rocket vertically as the rocket stand was raised up until the rocket could be clamped into a collar, after which the Meillerwagen was uncoupled for fueling the rocket with A, B, P, and T-stoff before withdrawing for launch. The total time from arriving at the launch pad to firing the rocket officially took 110 minutes to perform.

The Aggregat 4, or V-2 (German Vergeltungswaffe 2, "Retribution Weapon 2") guided missile, was among Nazi Germany's most important technological achievements during World War II, and was among the most feared weapons of mass destruction before the nuclear age. These were the first long-range ballistic missiles to be used in war, ultimately inspiring the infamous "SCUD" missiles of the Soviet Union during the Cold War. Along with its reputation of death & destruction, the V-2 made its mark when it became the first man-made object in history to exit the Earth's atmosphere into space.

At the Peenemünde Army Research Center, the V-2 was designed by the now famous German rocket engineer Werner Von Braun, who later helped the USA put men on the moon. Powered by a mixture of liquid propellants, the 27,600 lb (12,500 kg) V-2 was launched from mobile Meillerwagens to avoid destruction from the enemy, with over 3000 units being fired against the Allies during the war (the first target being London). The rocket was 45' 11" (14M) in length, with a diameter of 5'5" (16.5m), and carried a warhead weighing 2200 lbs (100kg) which detonated upon impact. The V-2 reached a speed of 1,790 mph (2,880 km/h) before hitting the target, and was virtually undetectable before impact. The V-2 was responsible for the deaths of an estimated 9,000 civilians and military personnel, while some 12,000 - 20,000 forced laborers and concentration camp prisoners died during the production of these weapons.

After the end of WWII, the victors rushed in to collect as many rockets, guided missiles & professional personnel as possible. The USA gained the majority of the personnel (including Werner Von Braun), as well as spare parts to produce some 80 rockets, while the Soviet Union captured the production facility, enabling them to build their own production facility inside the U.S.S.R. These spoils helped the U.S.A, the U.K. and the U.S.S.R. to develop their own rockets & missiles, ultimately putting men into space and carrying the most awesome weapons that humanity has ever seen.

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



Instant Glue
for Metal



Be Careful



Do Not
Cement



Remove

PAINTS REQUIRED

Color info and profiles by Mig Jimenez

AMIG 033

Rubber &
Tires

AMIG 002

Olivegrün
Opt.2

AMIG 015

Schokobraun

AMIG 008

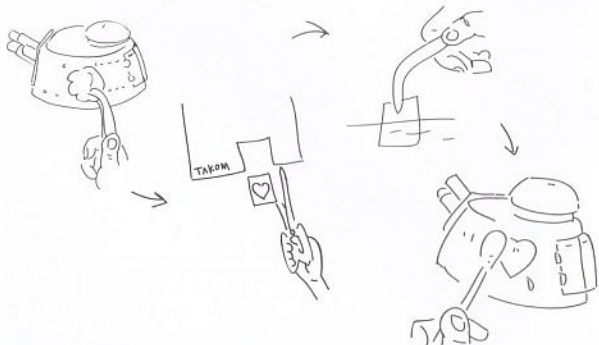
Dunkelgrau

AMIG 011

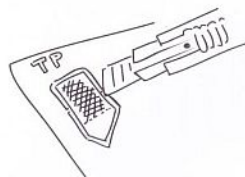
Dunkelgelb
(AUS 44DG 1)

APPLYING DECALS

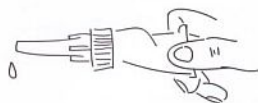
1. Clean the model surface with a wet cloth.
2. Cut out each decal design from sheet, and dip it in tepid water for 15-20 sec.
3. Hold the backing sheet edge and slide decal onto the model.
4. Move decal into position by wetting decal with finger.
5. Press decal gently down with a soft cloth until excess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



REMOVING PE



Be careful not to hurt when removing PE parts.

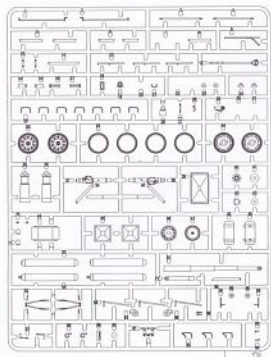


Secure using instant glue (not included).

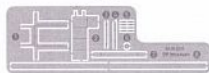


Finish using file.

PARTS



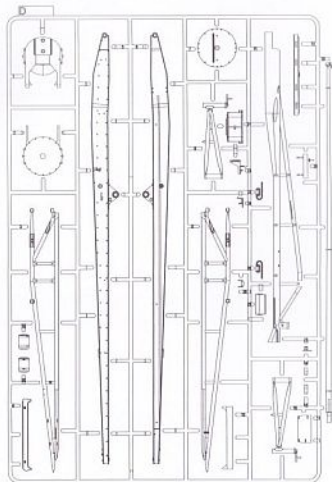
X2



TP



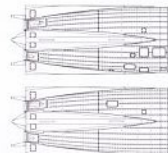
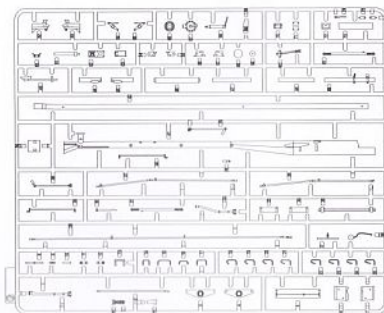
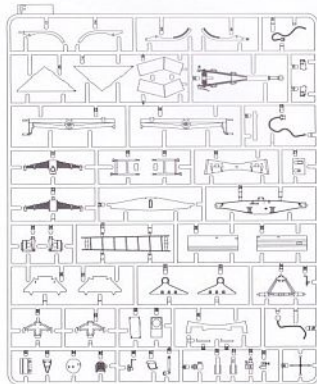
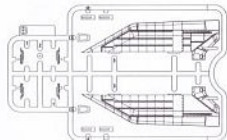
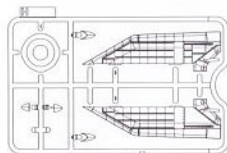
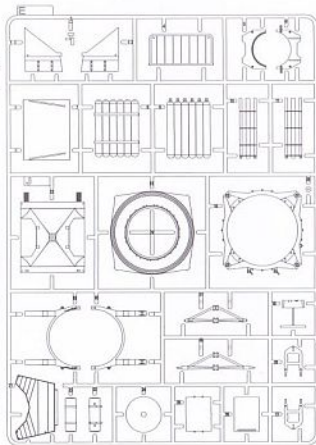
Decal



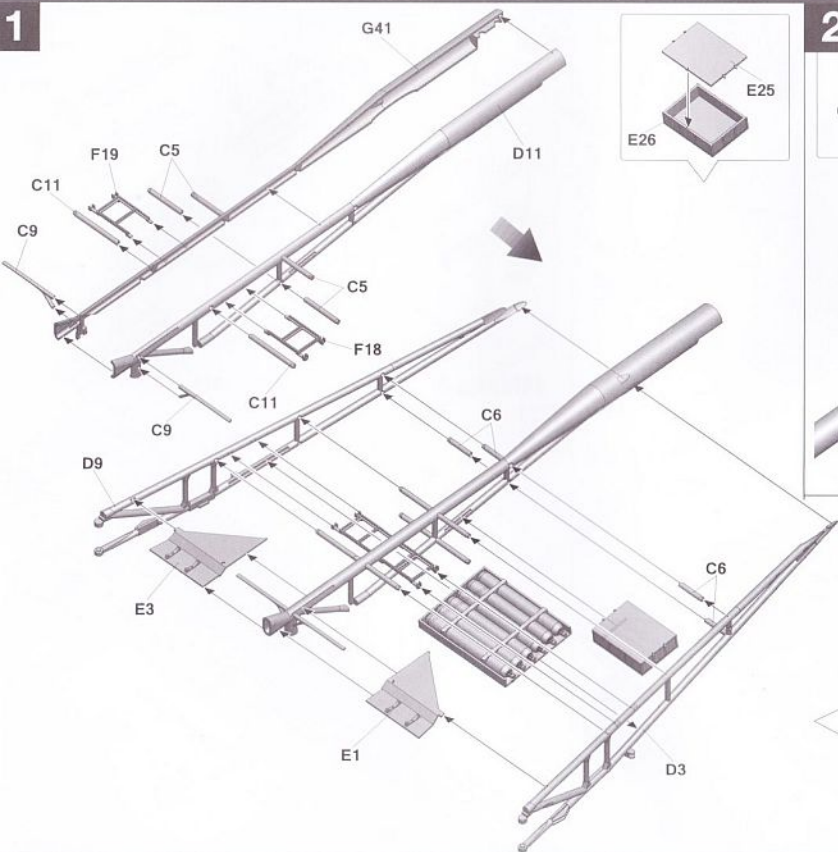
Chain X2



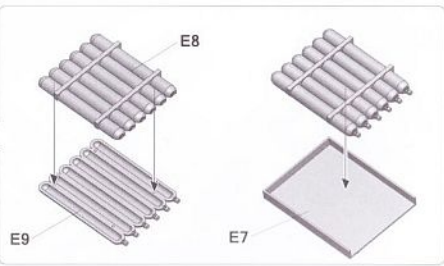
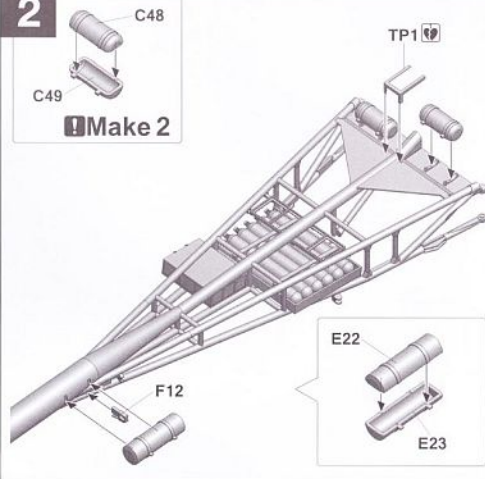
X8



1

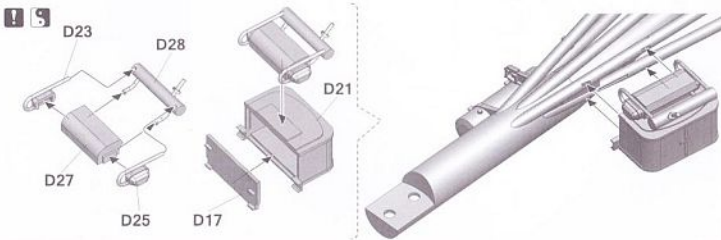
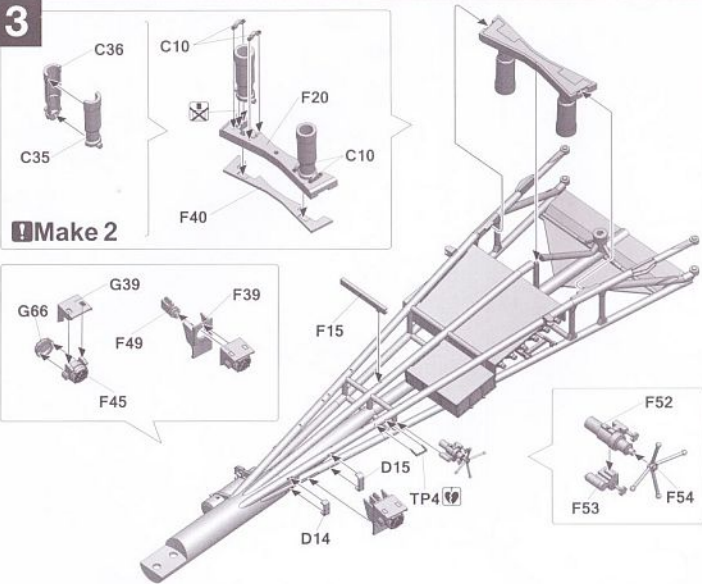


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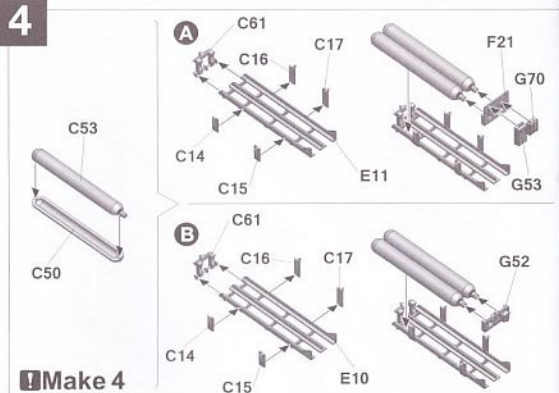


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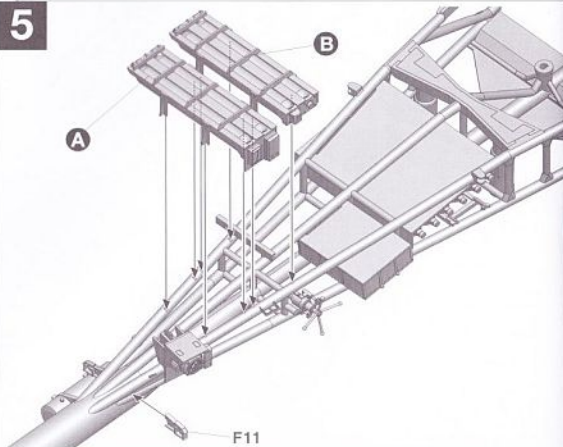
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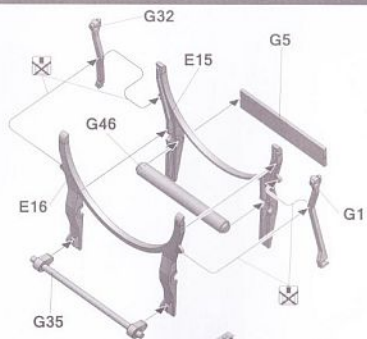
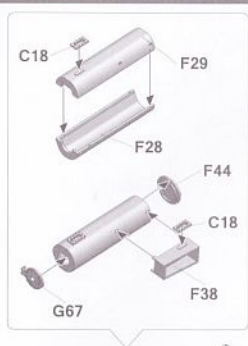
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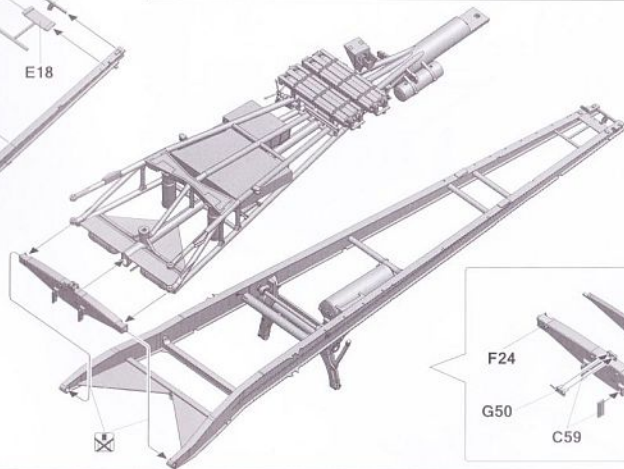
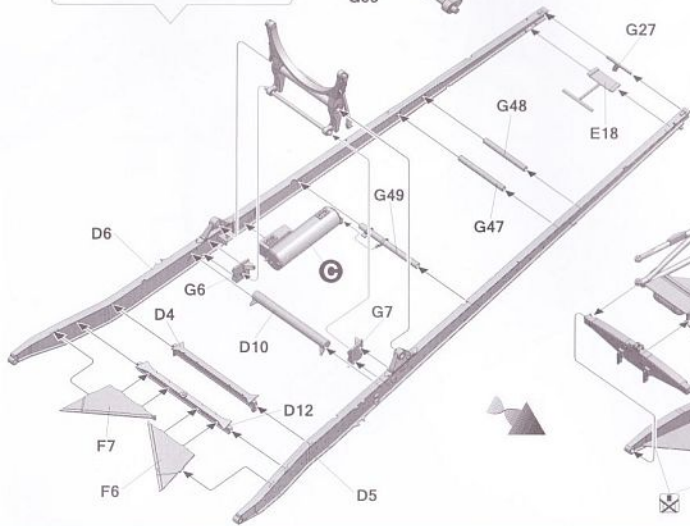
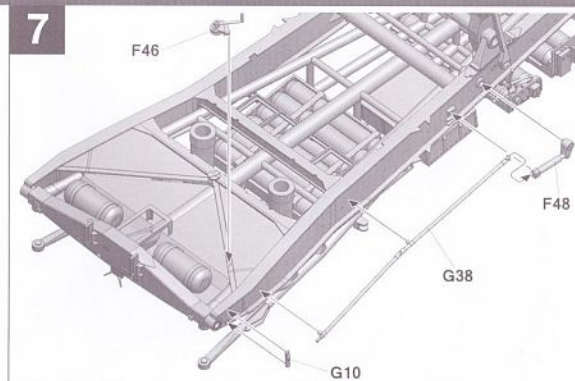
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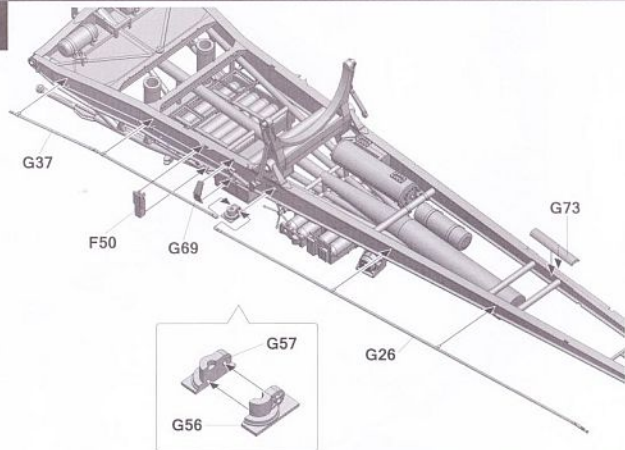


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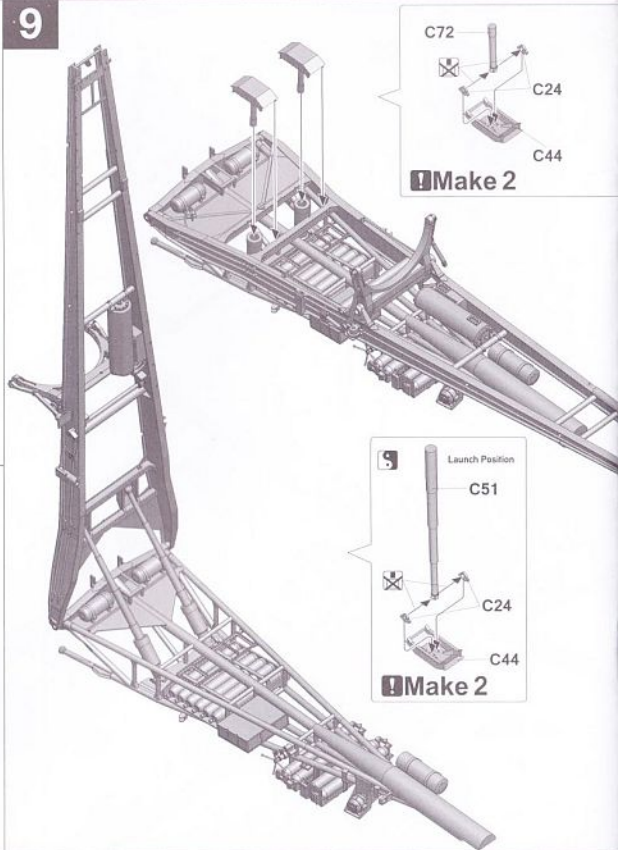


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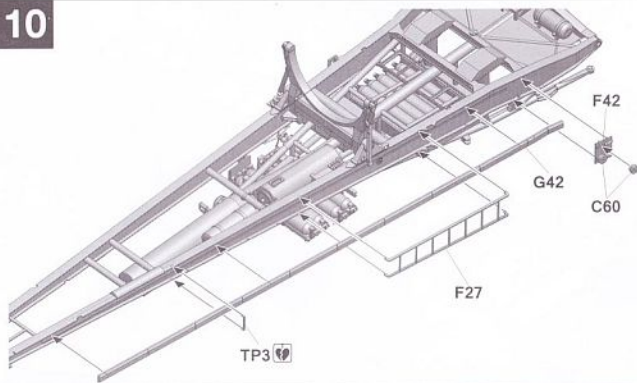
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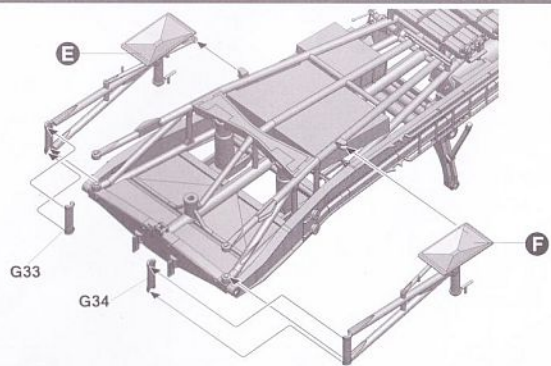
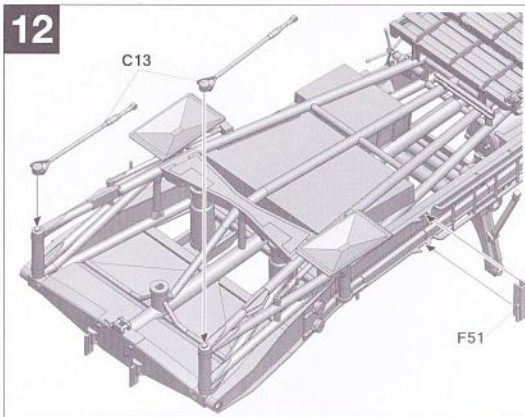
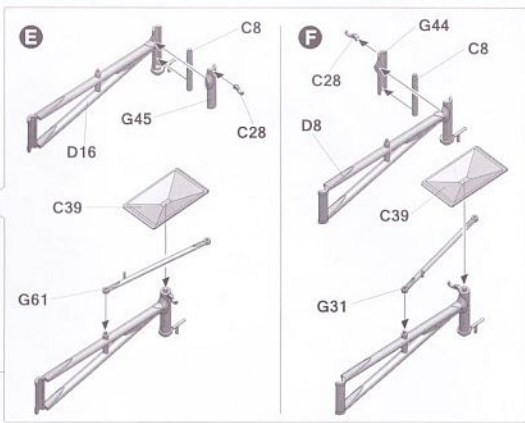
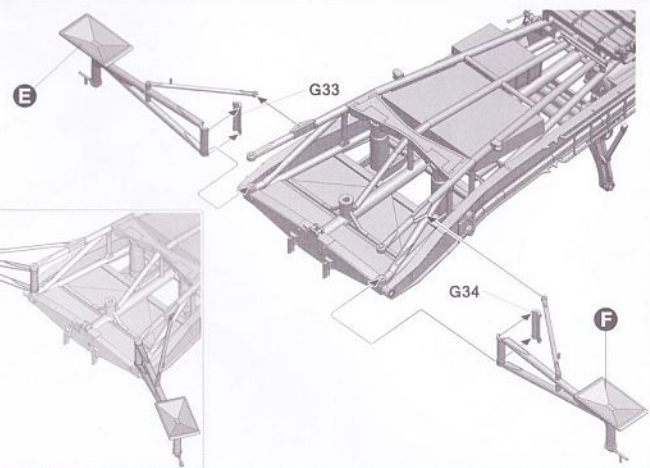


9



10



11**9** Launch Position

13



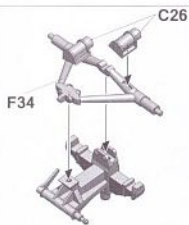
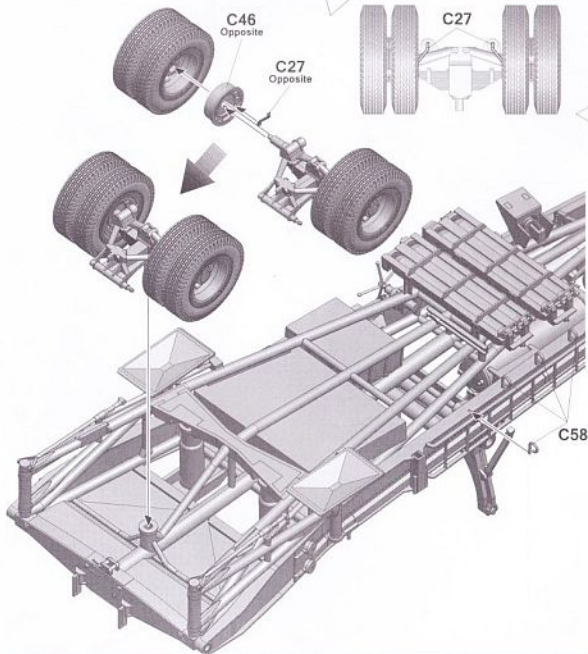
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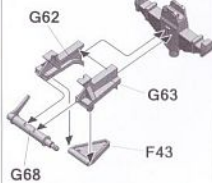
Make 2



Make 2



F34



G62

G63

F43

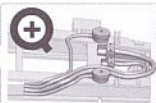
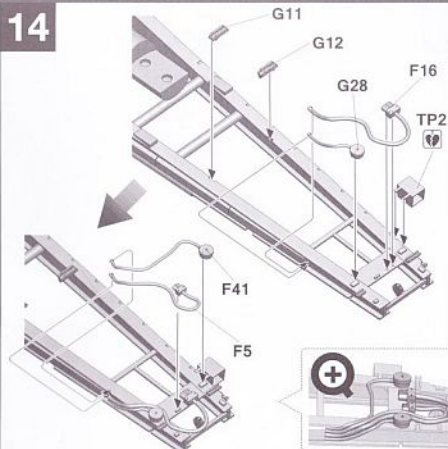
G68



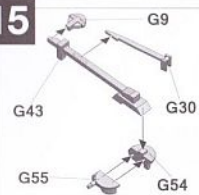
F36

F37

14



15

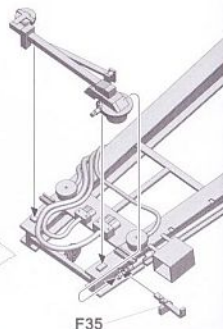
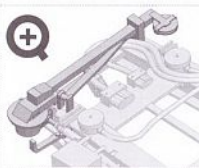


G43

G30

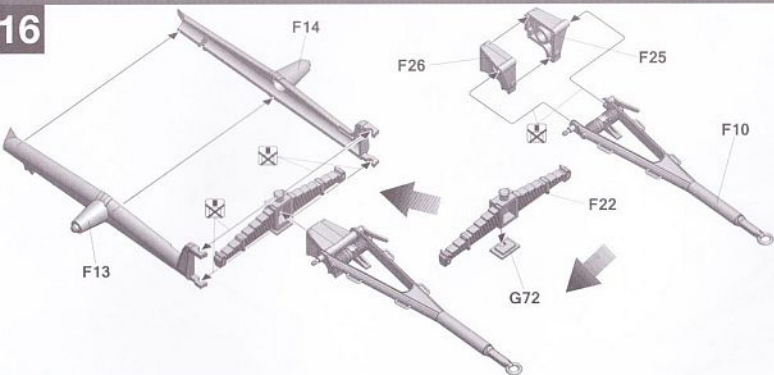
G55

G54

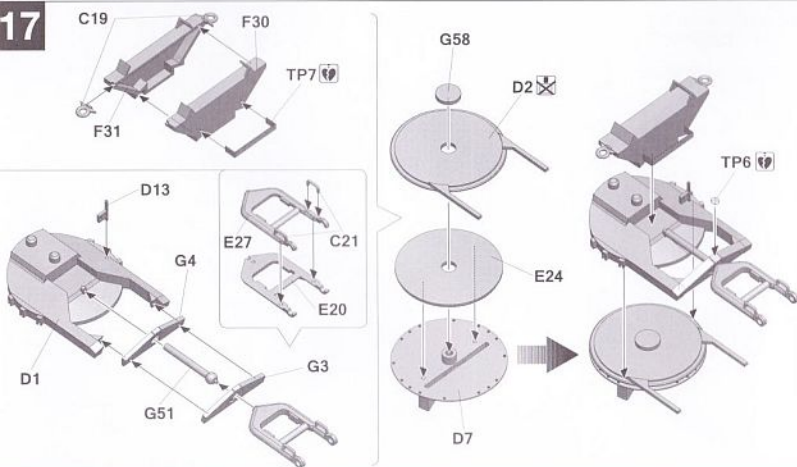


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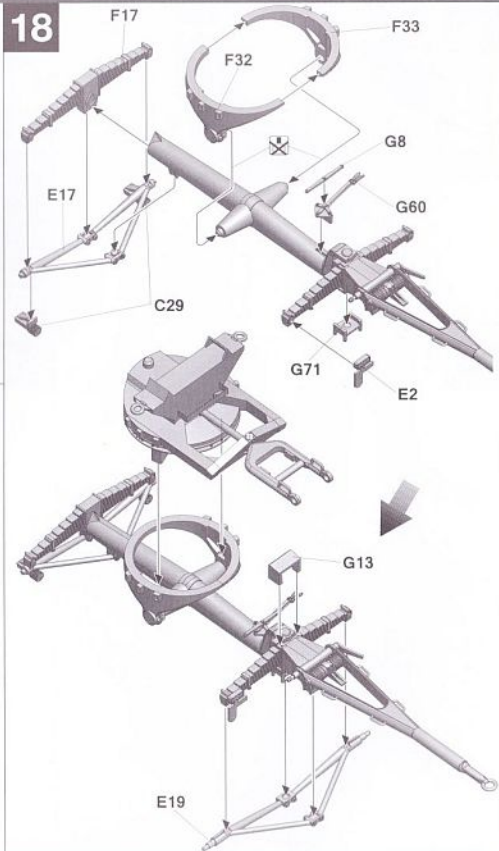
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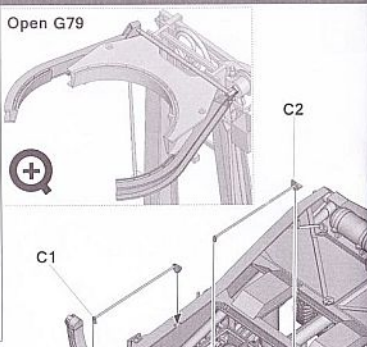
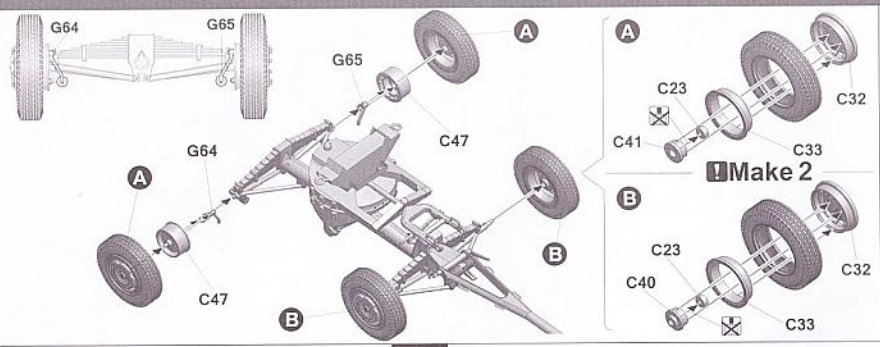
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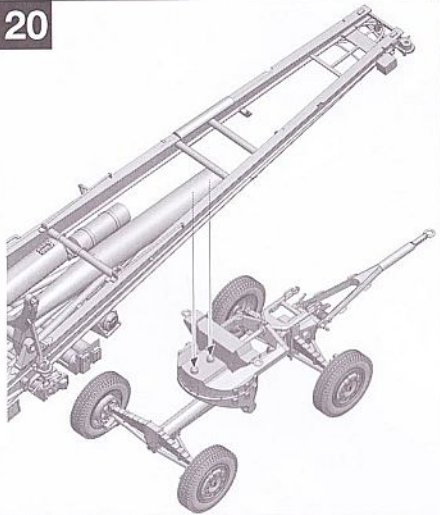
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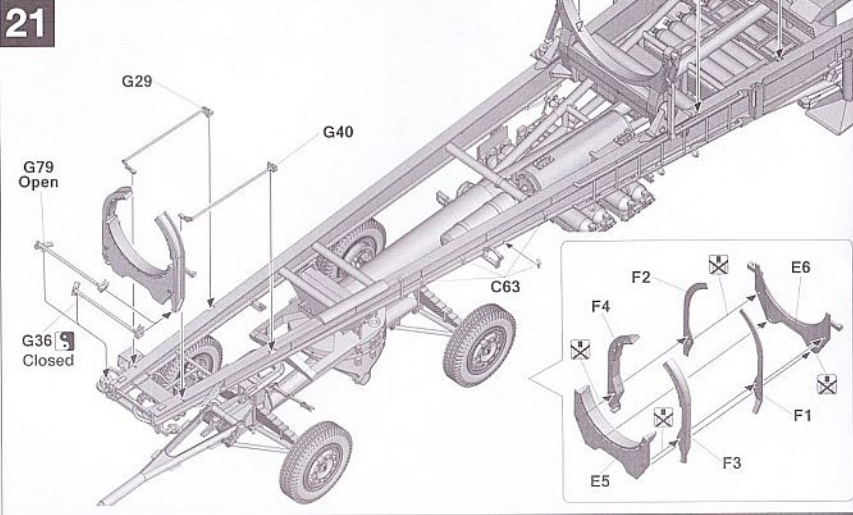
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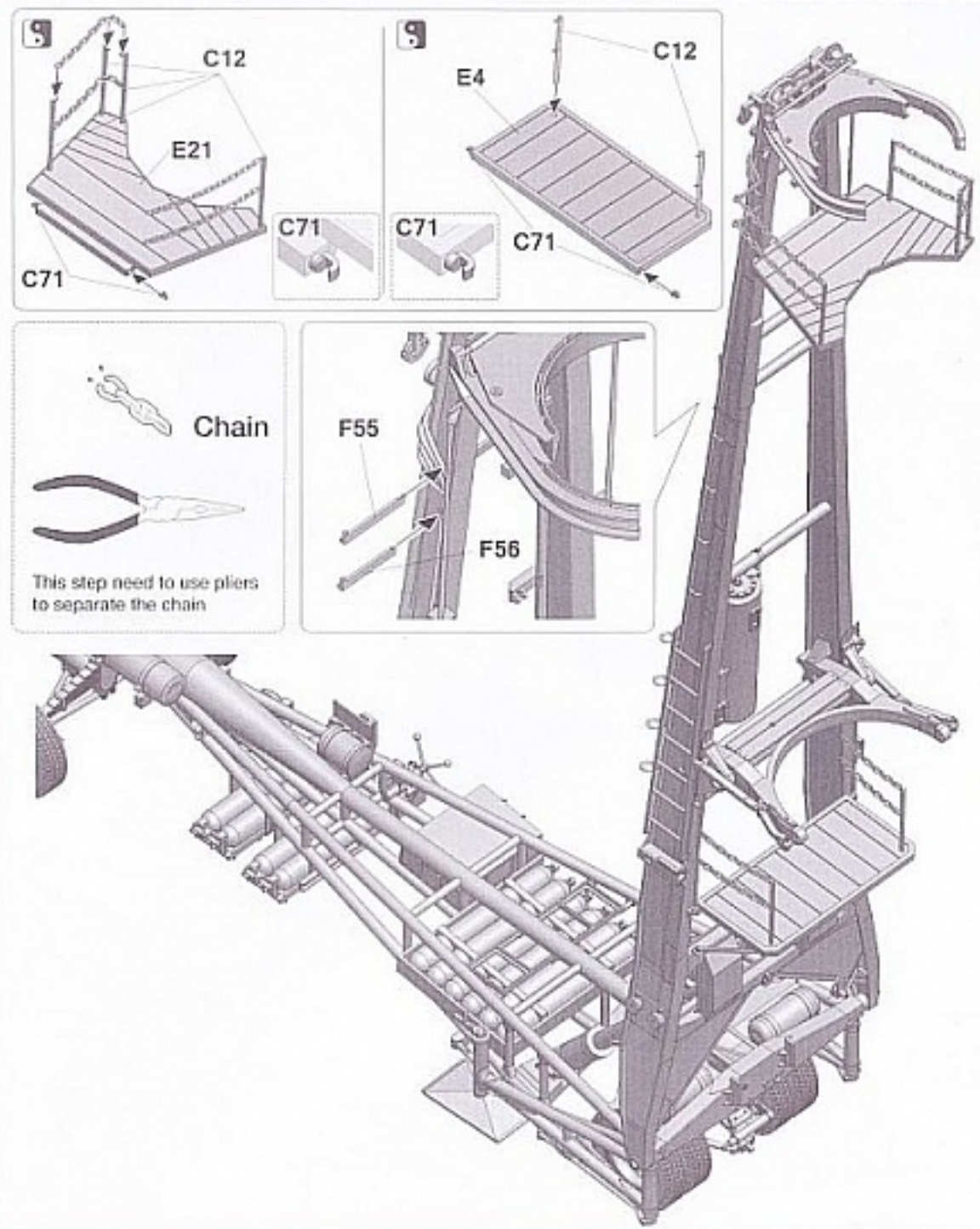
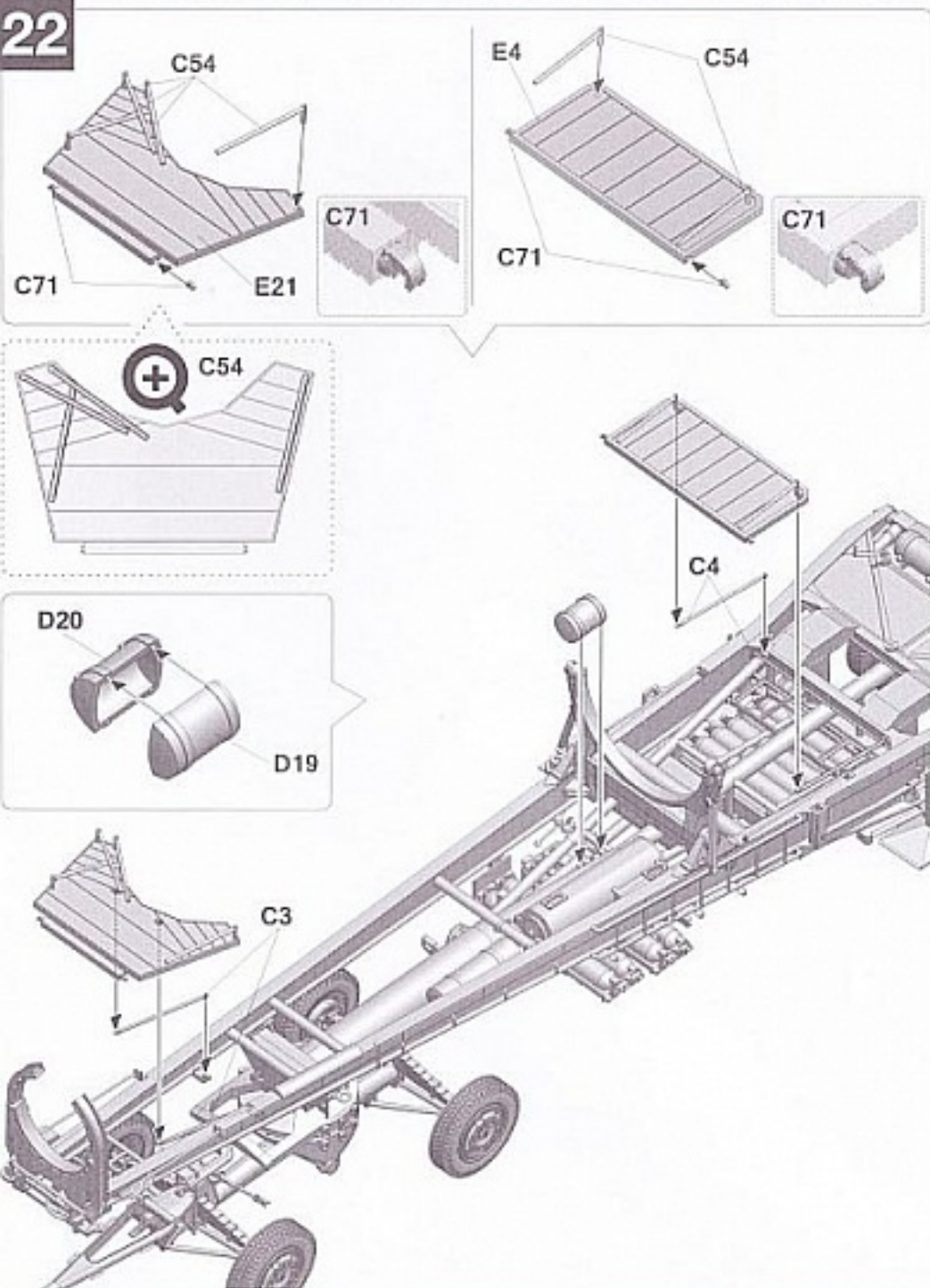


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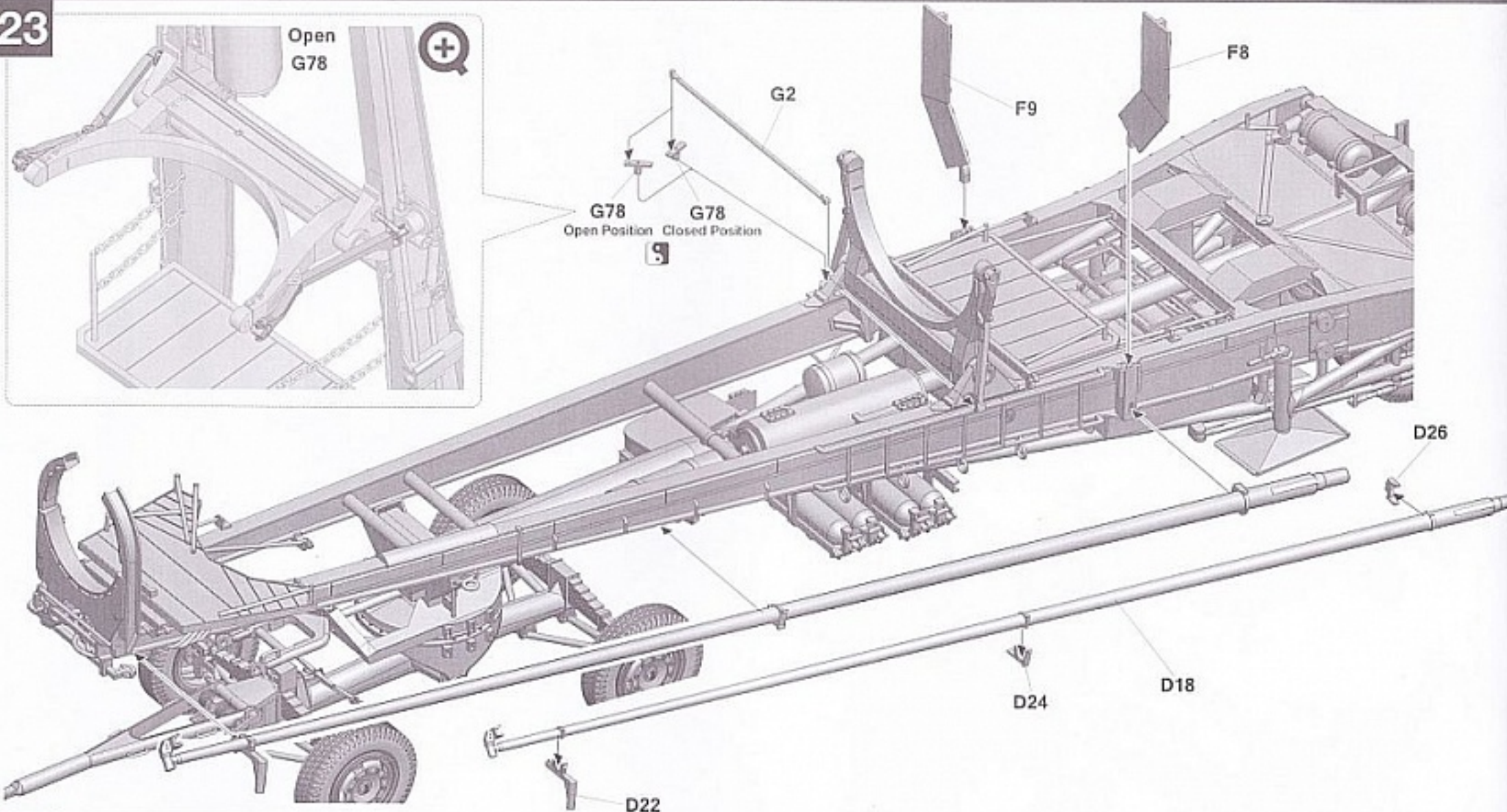
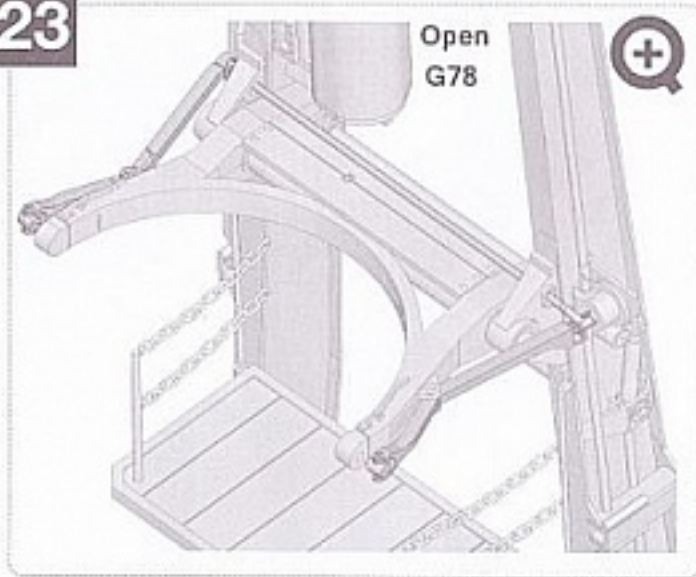


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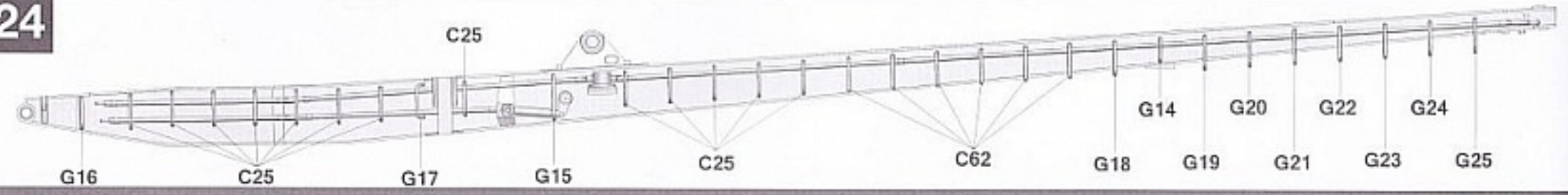


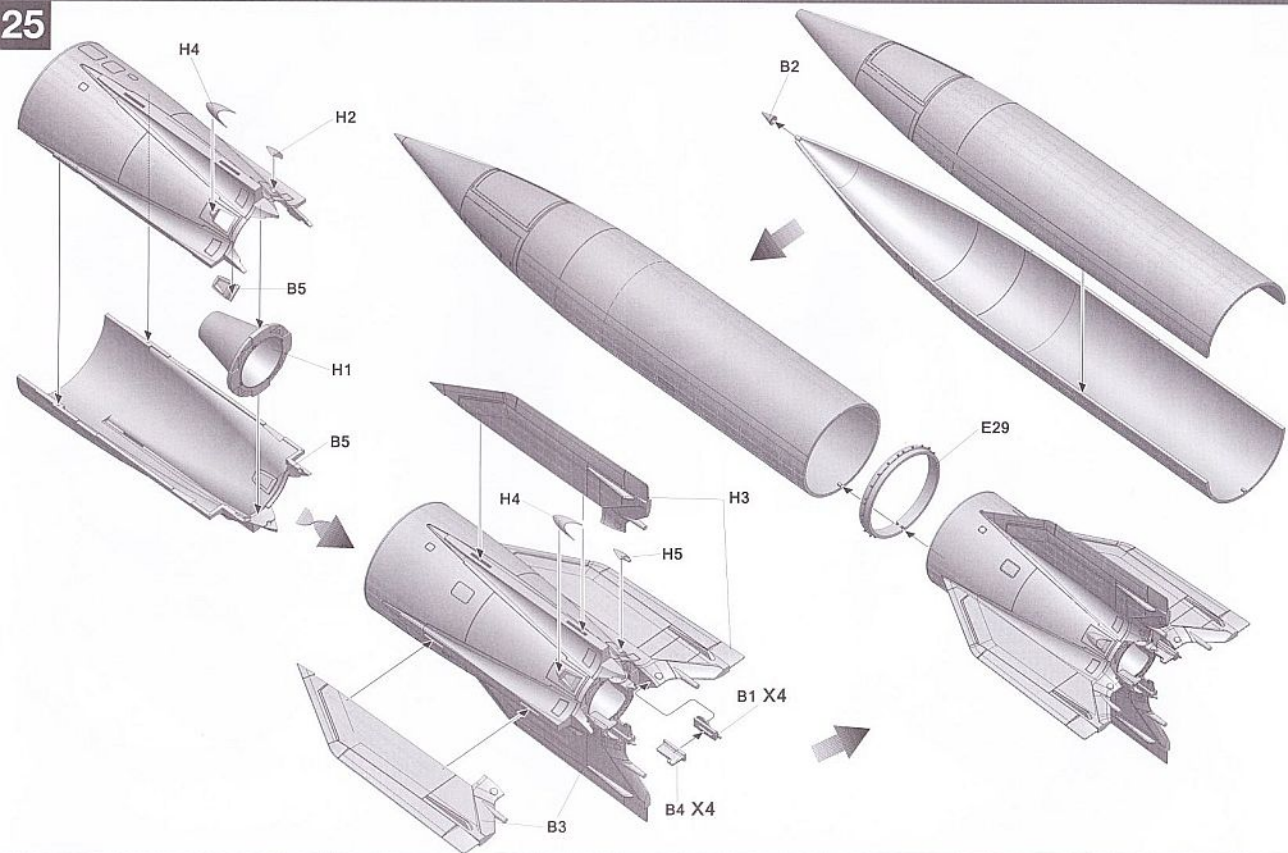


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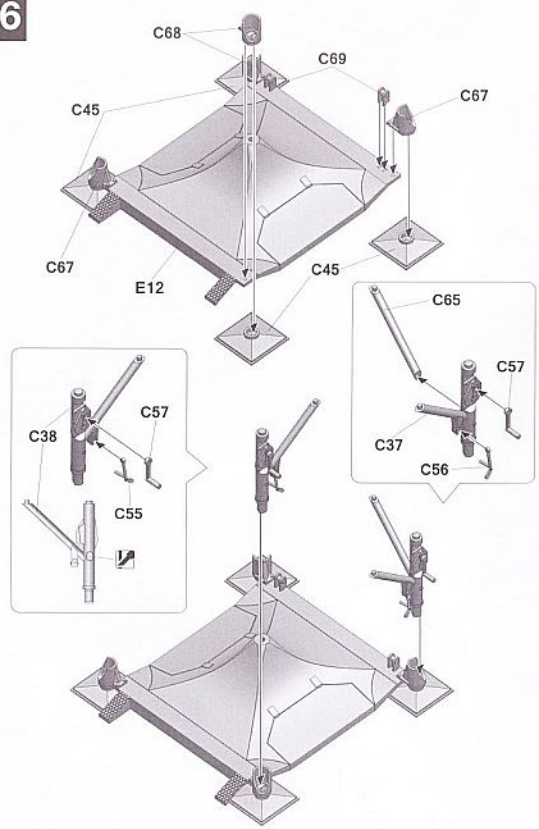


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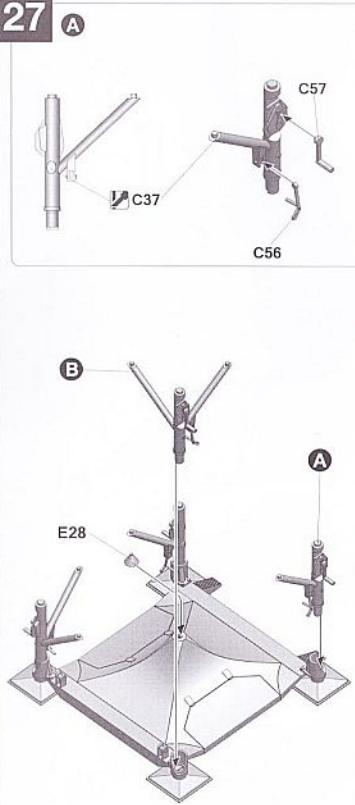




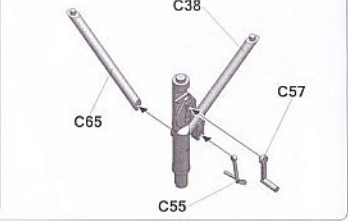
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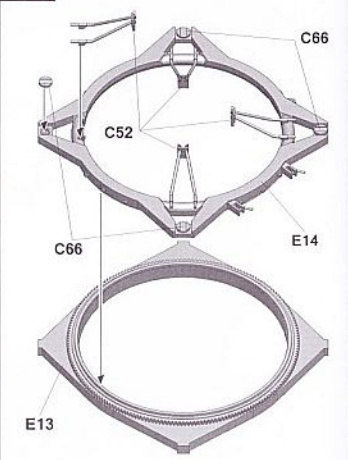
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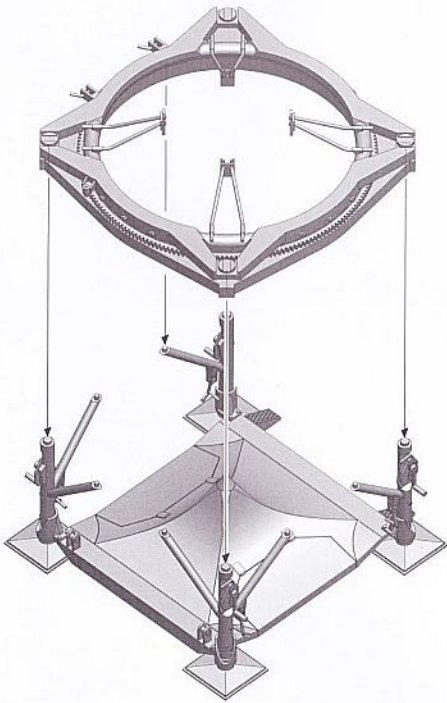
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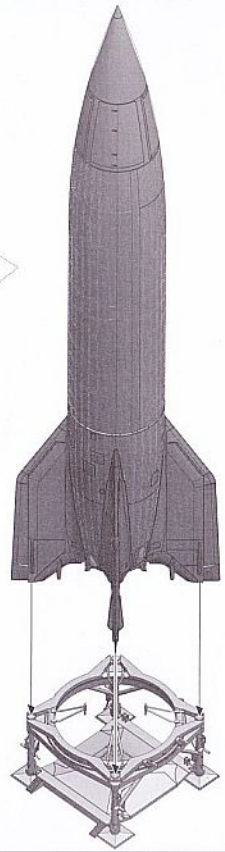
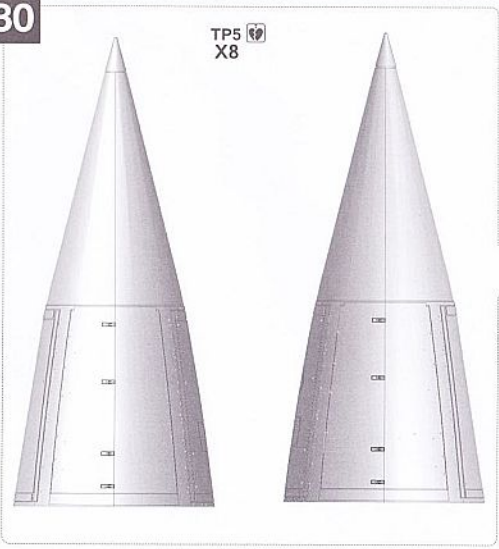
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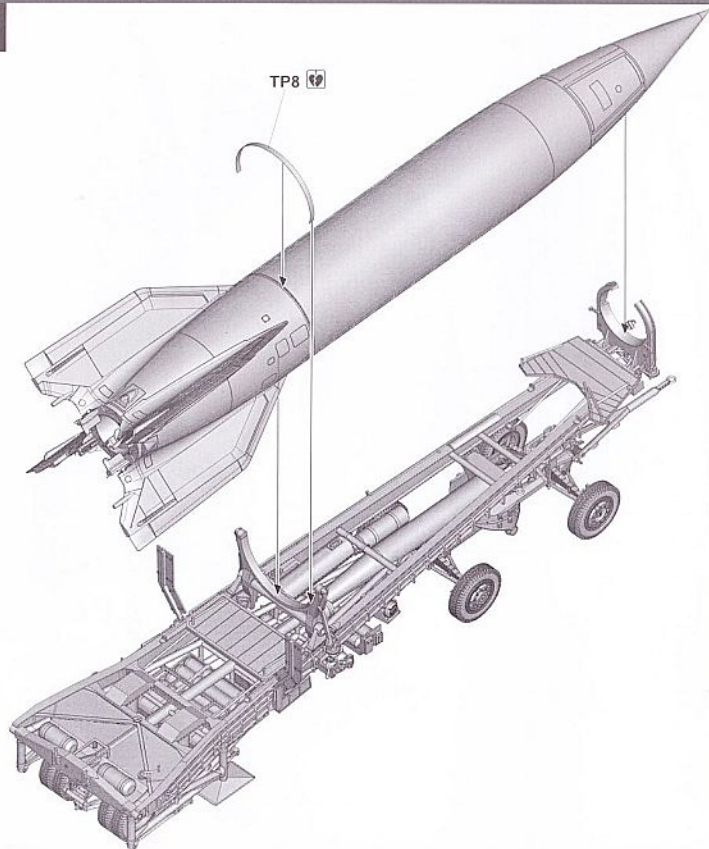


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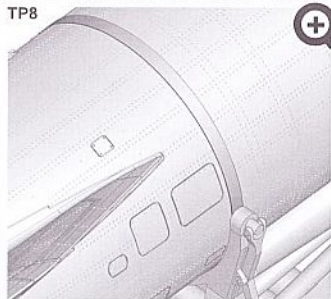


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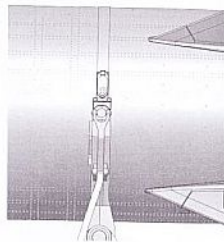
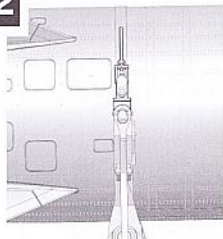




TP8



32



G74



G76



G75



G77



G75



03.03.2030



MEILLERWAGEN

Color info and profiles by



Painting and Marking Guide

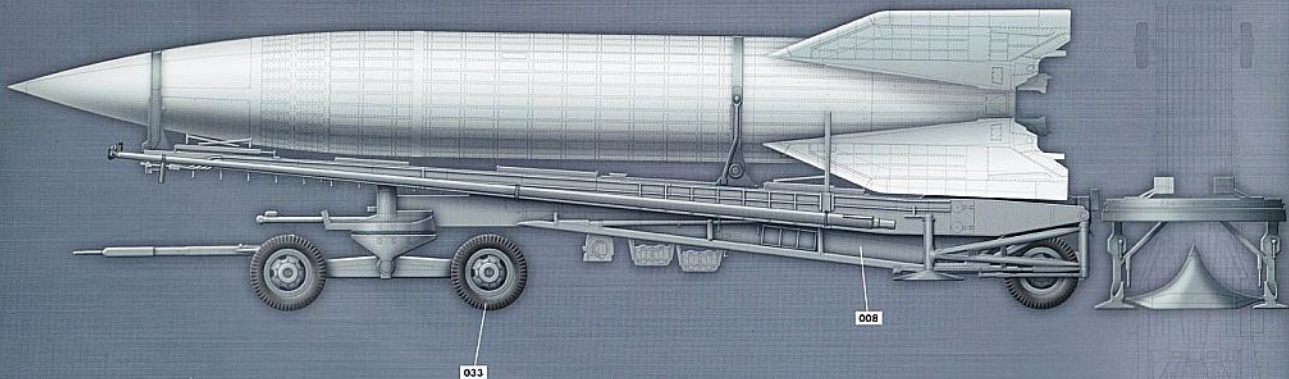
A.NIG 008

Dunkelgrau

A.NIG 033

Rubber & Tires

Holland, 1944



TAKOM Meillerwagen Ref: 2030

03.03.2030



MEILLERWAGEN

Color info and profiles by



Painting and Marking Guide

AMMO 002

Olivgrön OP1.2

AMMO 011

Dunkelgelb
[AUS-44 DG II]

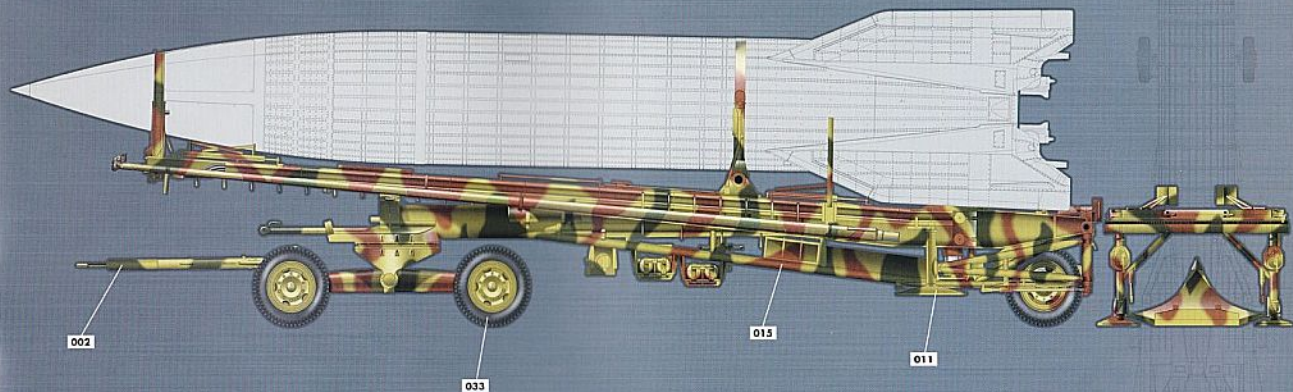
AMMO 015

Shokobraun

AMMO 033

Rubber & Tires

Holland, 1944

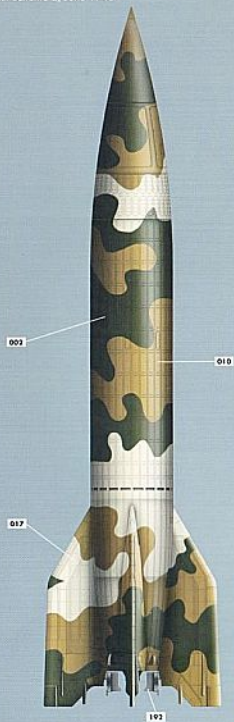


Painting and Marking Guide



Test Scheme 2, June 1943

October 3, 1942; Peenemünde

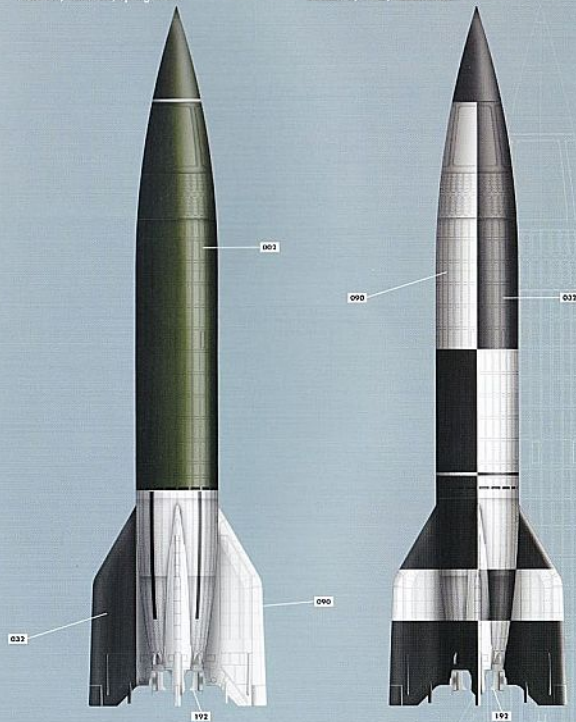


Painting and Marking Guide



Field Test, Fall 1943, Spring 1944

October 3, 1942; Peenemünde



03.03.2030



A4/V2

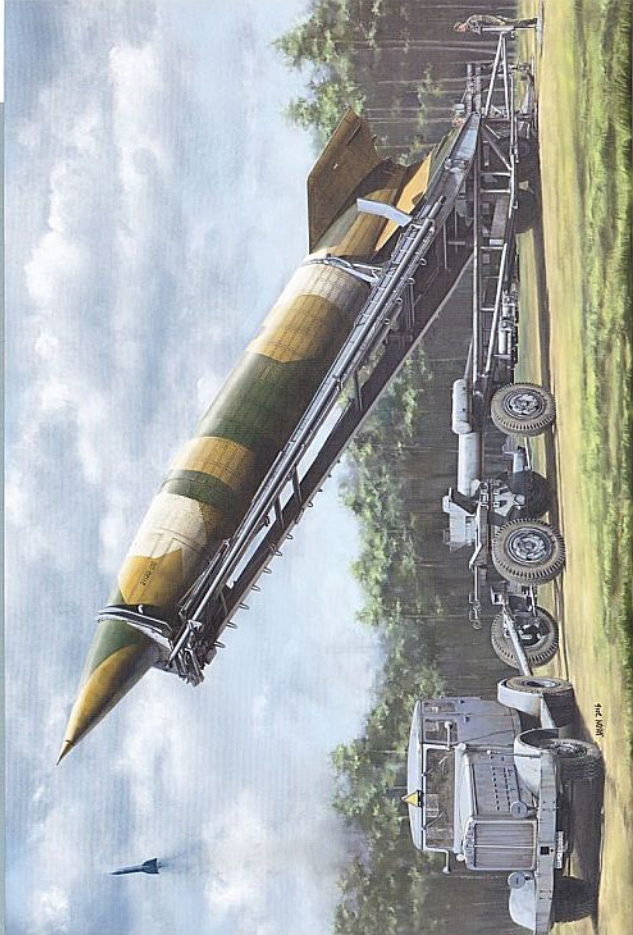
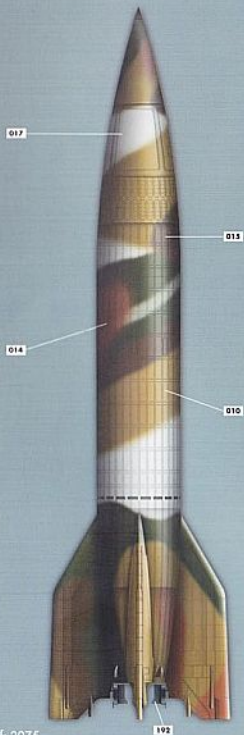
Color info and profiles by



Painting and Marking Guide

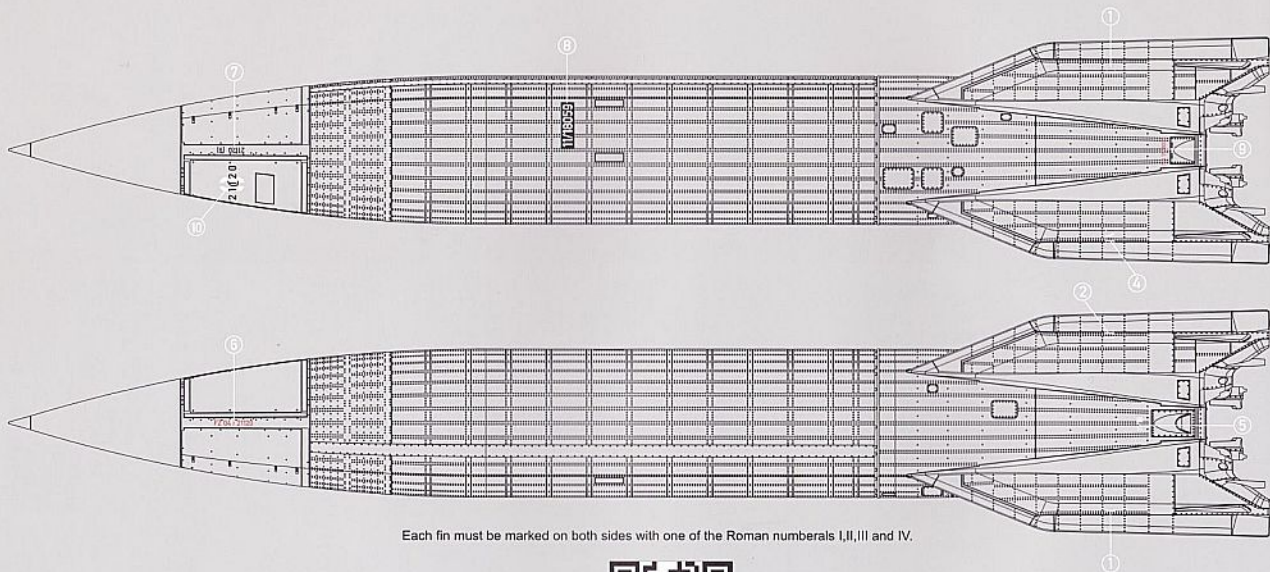
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A.MIG 013 Schokoladebraun	A.MIG 017 Cremeweiß		

Test Scheme 1, Summer 1943





2016/2030



You can find TAKOM on Facebook.com

①

②

③

④

⑤

⑥ FZ 04 / 21120

11/18059

⑦ 21120 [9] ⑧

SH 11/18033

SH 11/18033

21120 21120

⑨

⑩

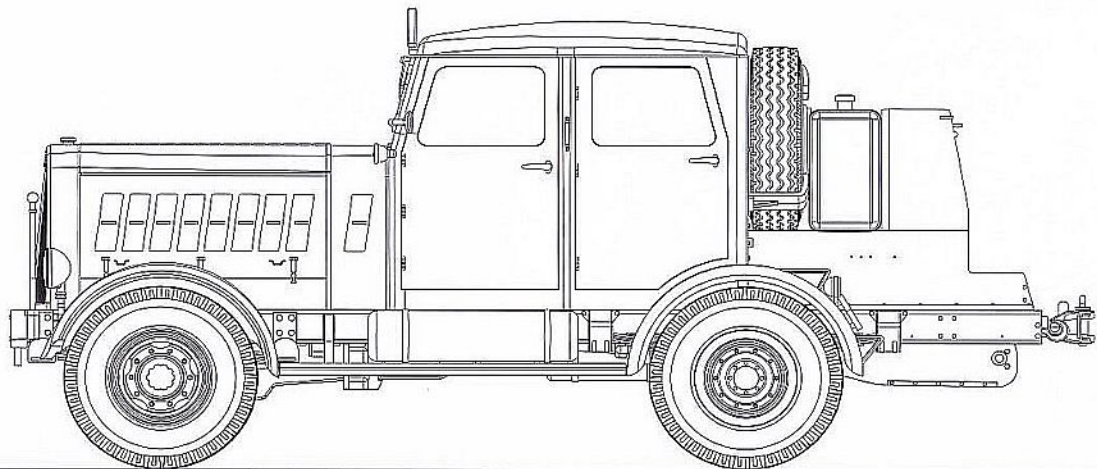
03.04.2075

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HANOMAG SS 100



The Wehrmacht heavy tractor multi-purpose vehicle Hanomag SS-100 was produced from 1936 to 1945. Originally manufactured in 1936 as the SP-100 heavy agriculture tractor, it was quickly pressed into military service with both the Wehrmacht and the Luftwaffe, and became one of the most widely used heavy tractors in German military service. Powered by a 8560 cc 6-cylinder D85 diesel engine, it could accommodate up to five passengers and a driver and supported a variety of supplemental equipment attached to the rear frame. Among other things, V2 units used it to tow the Meillerwagen, which transported the V2 rocket to the launch site and erected the rocket onto the firing stand. After 1945 it was produced in France as the ST-100. Known in the civilian world as the 'Gigant', Hanomag road tractors of all sizes were popular as offroad transport well into the 1960's.

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



Heating



Do Not Cement



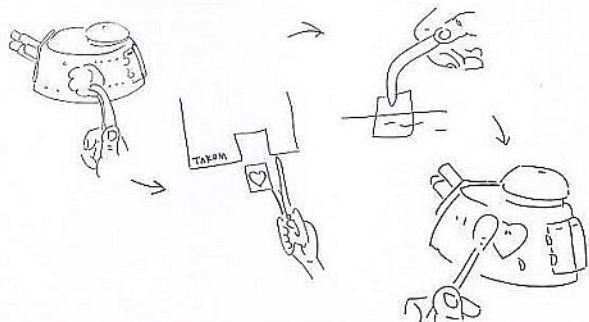
Painting



Apply Decal

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.



PAINTS REQUIRED

Color info and profiles by Mig Jimenez

AMIG 001

Olivgrun

AMIG 003

Rubber &
Tires

AMIG 196

Silver

AMIG 010

Dunkelgelb

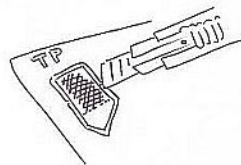
AMIG 008

Dunkelgrau

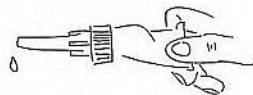
AMIG 083

Crystal Red

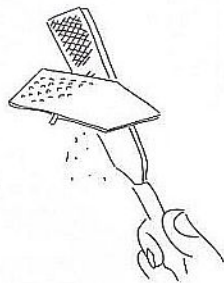
REMOVING PE



Be careful not to hurt when removing PE parts.

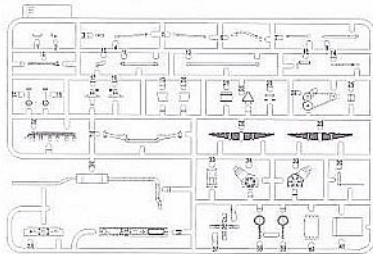
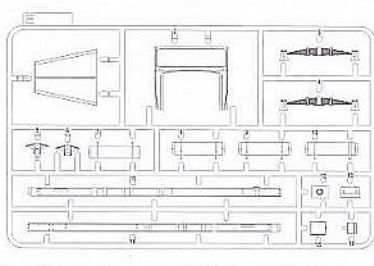
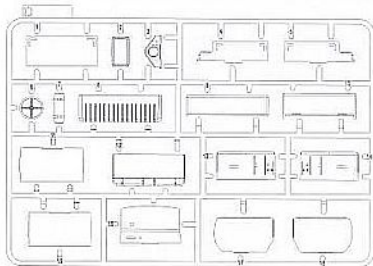
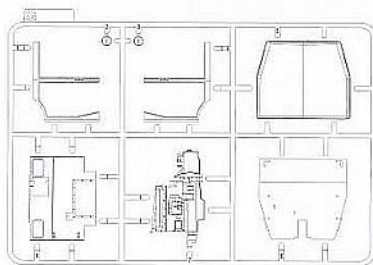
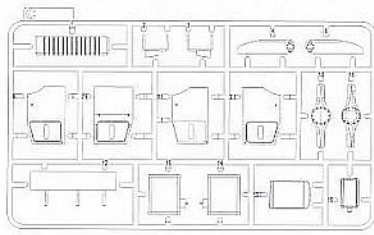
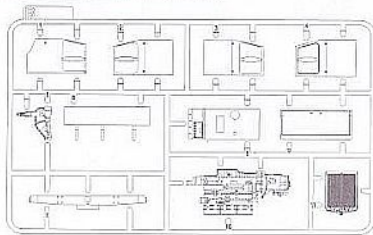


Secure using instant glue (not included).

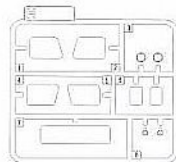
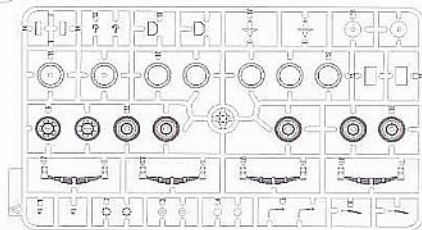


Finish using file.

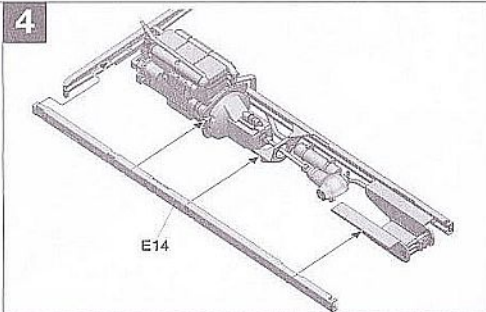
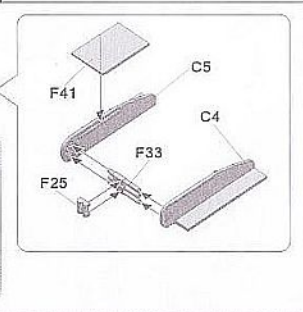
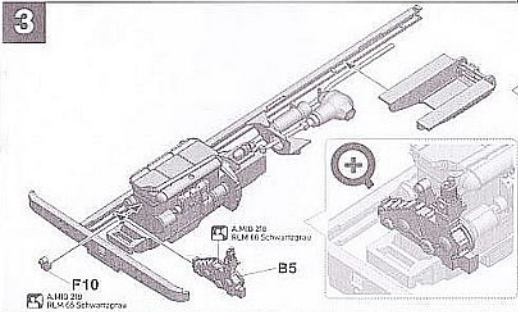
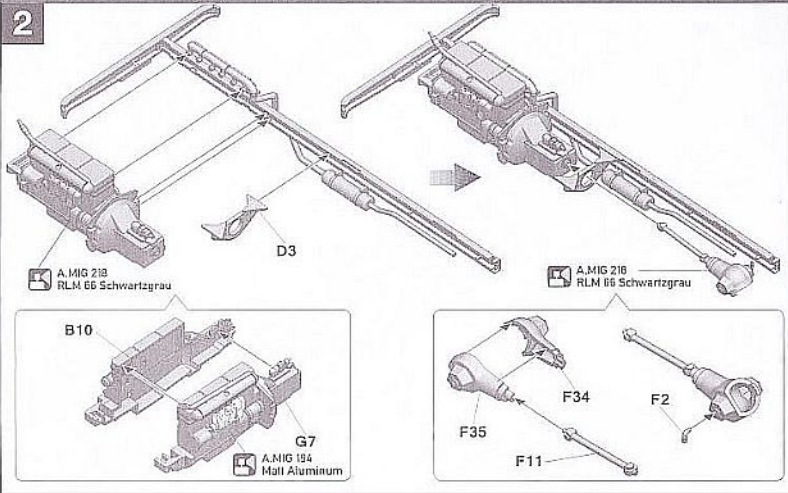
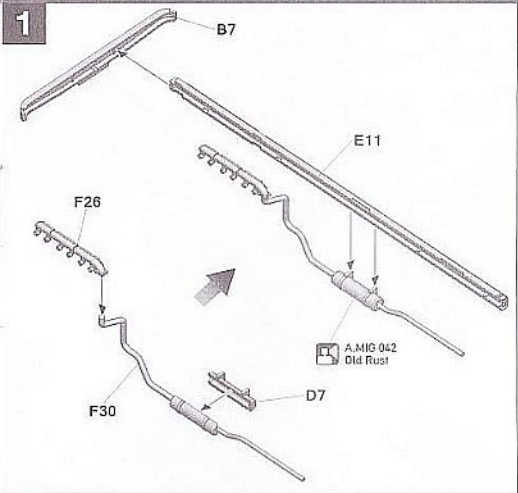
PARTS



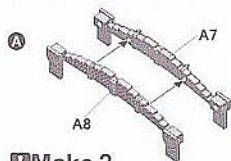
Decal



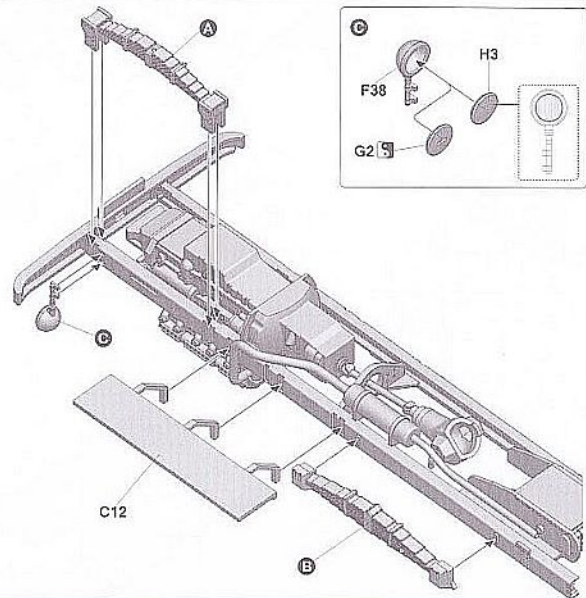
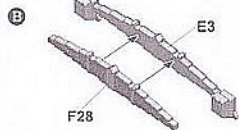
X7



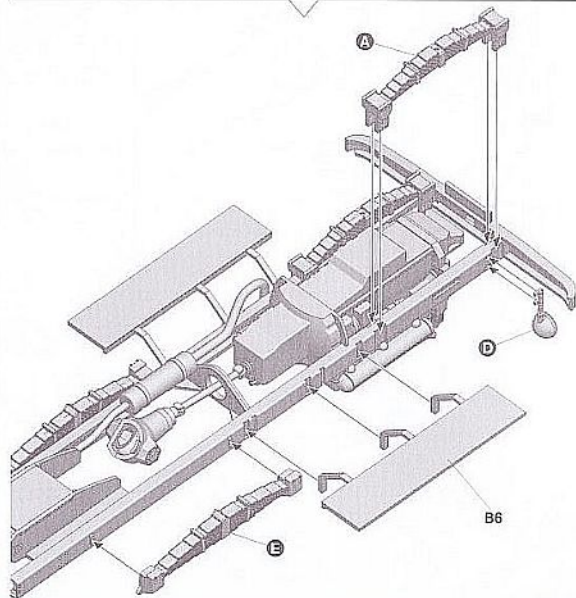
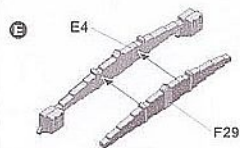
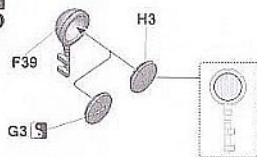
5



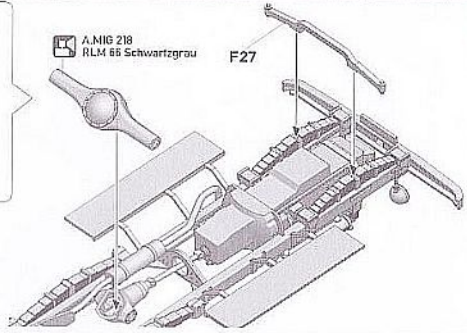
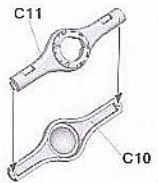
Make 2



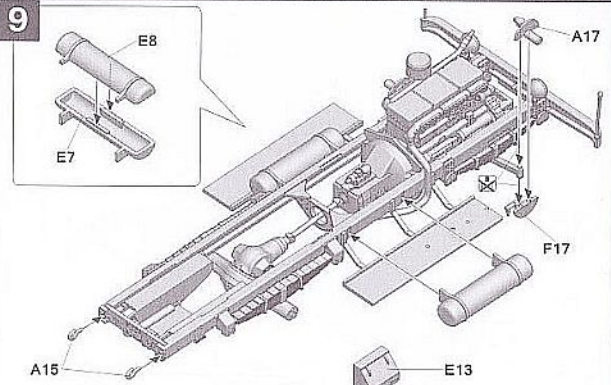
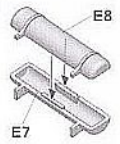
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7

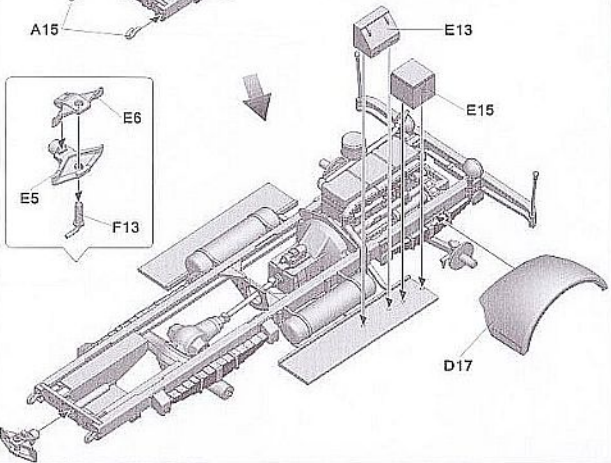
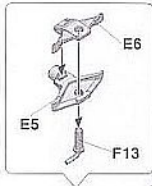
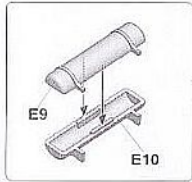
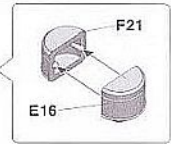
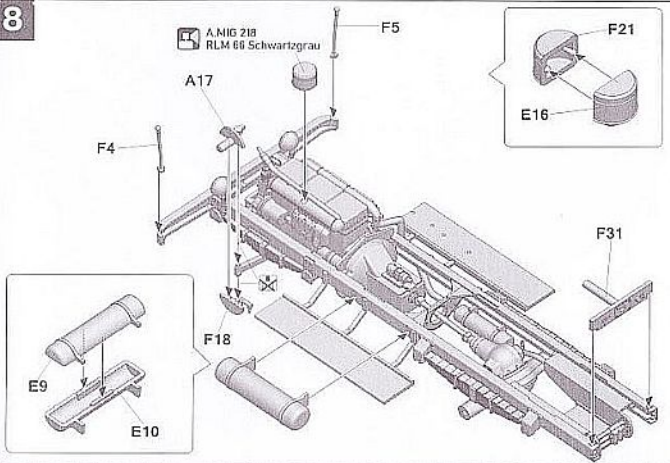


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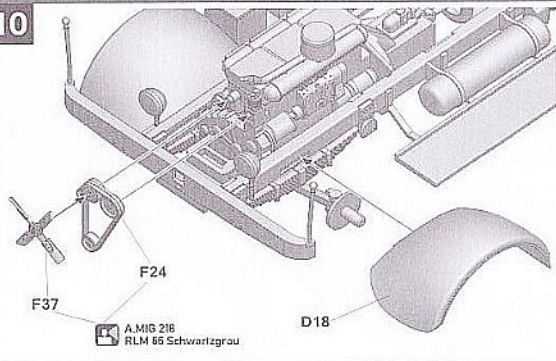


8

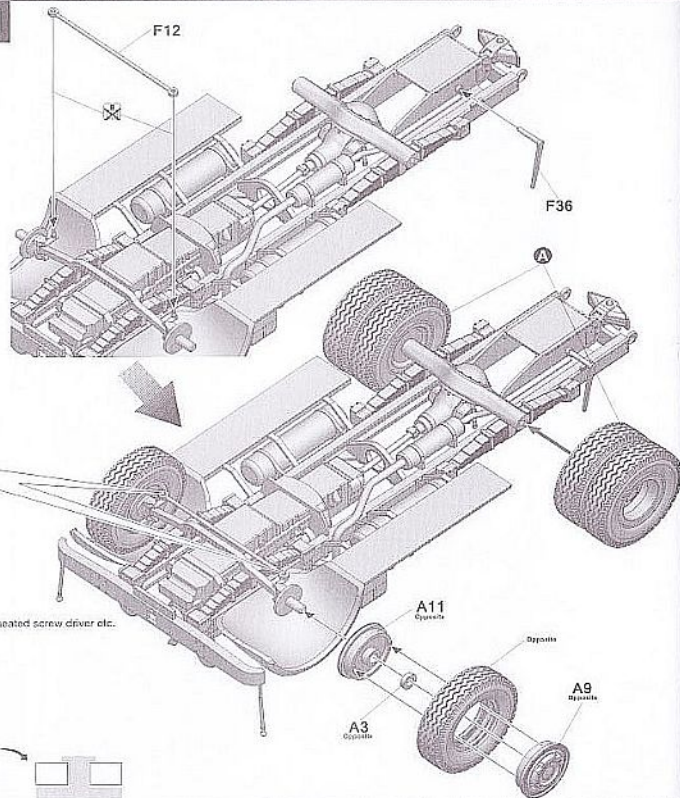
A.MIG 218
RLM 66 Schwartzgrau



10

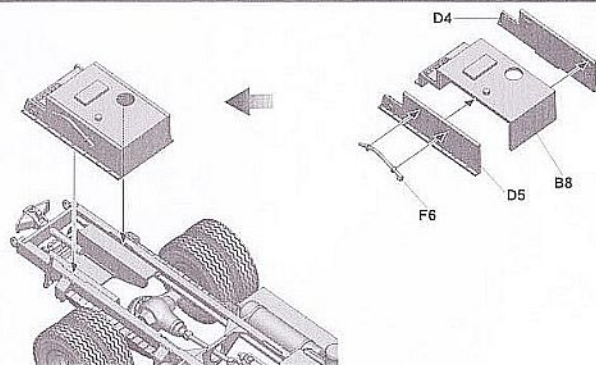


11

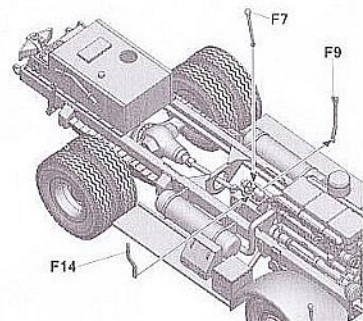


Make 2

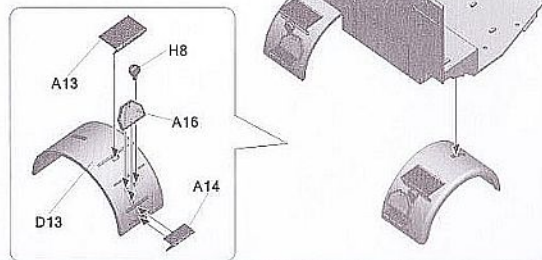
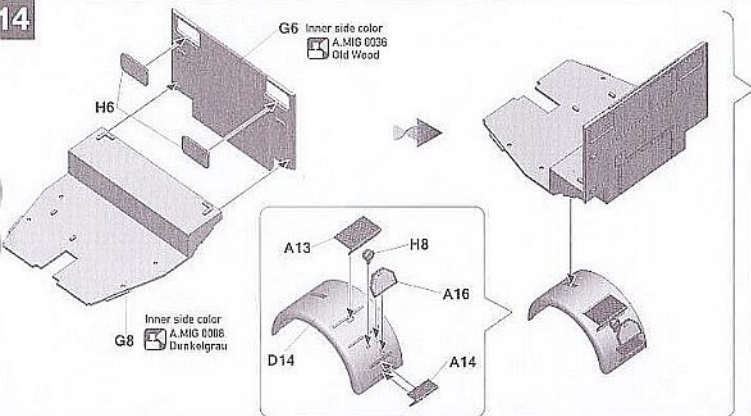
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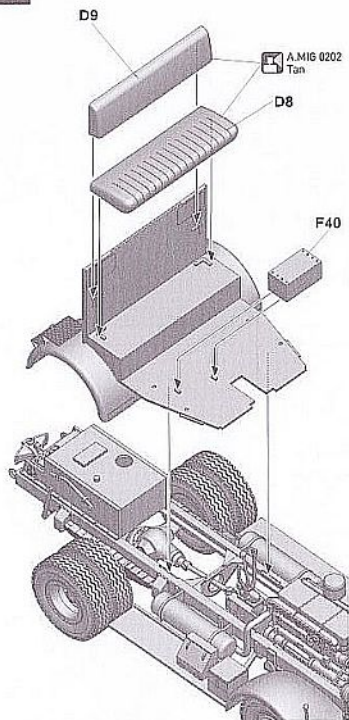
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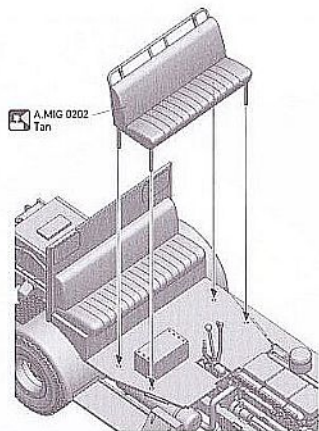
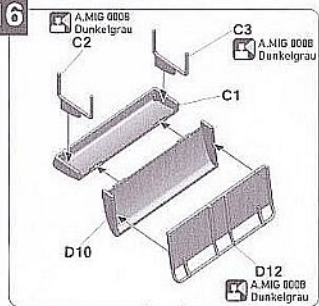
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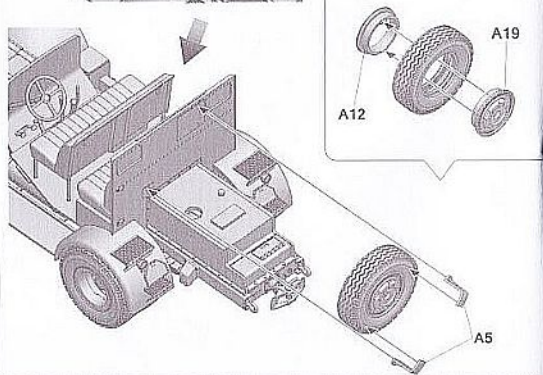
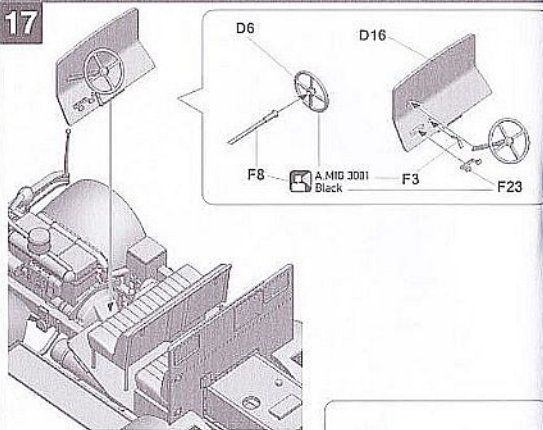
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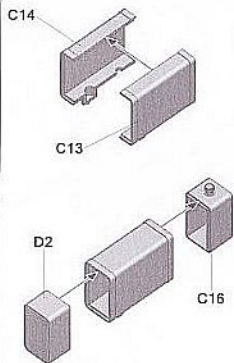
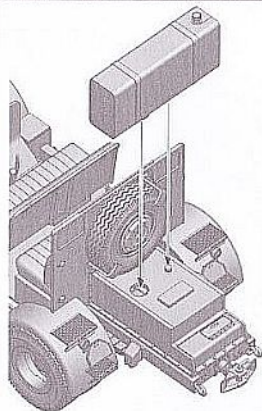
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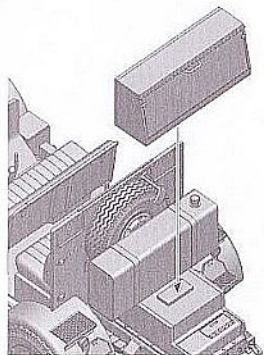
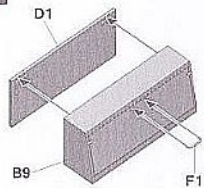
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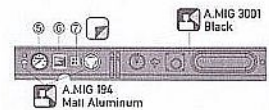
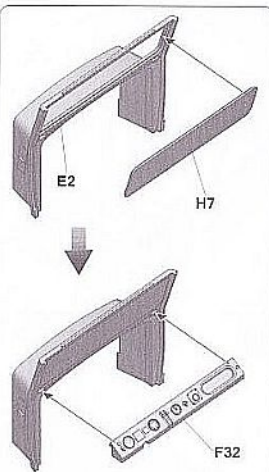
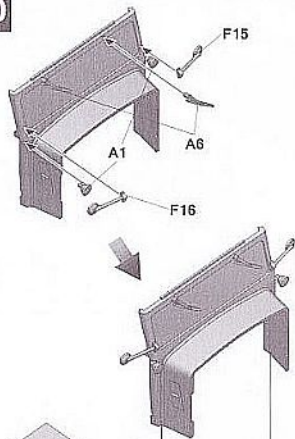
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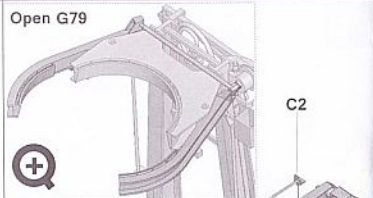
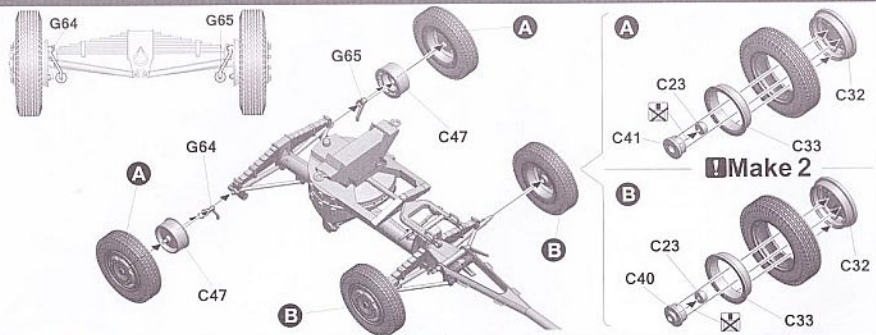
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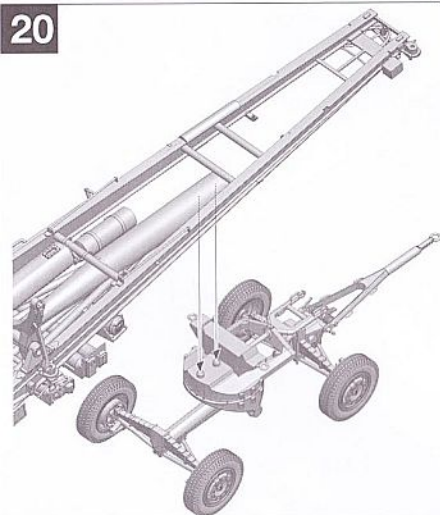
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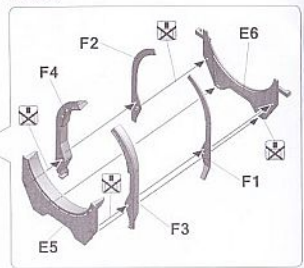
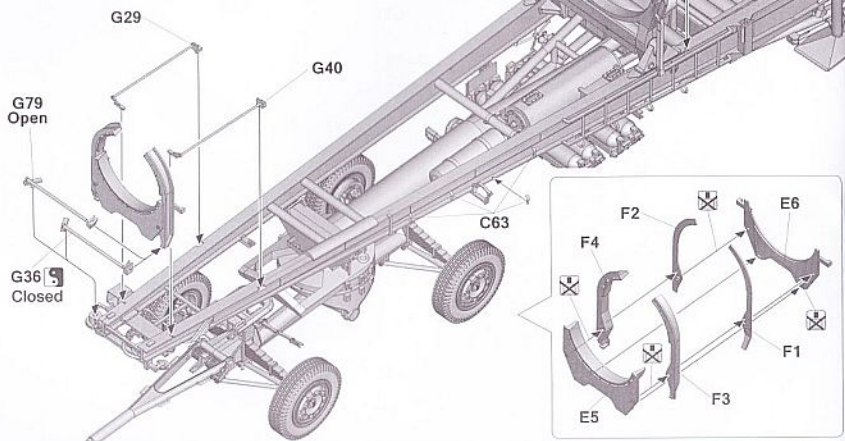
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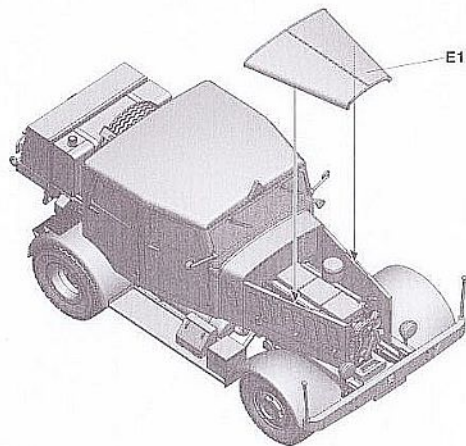
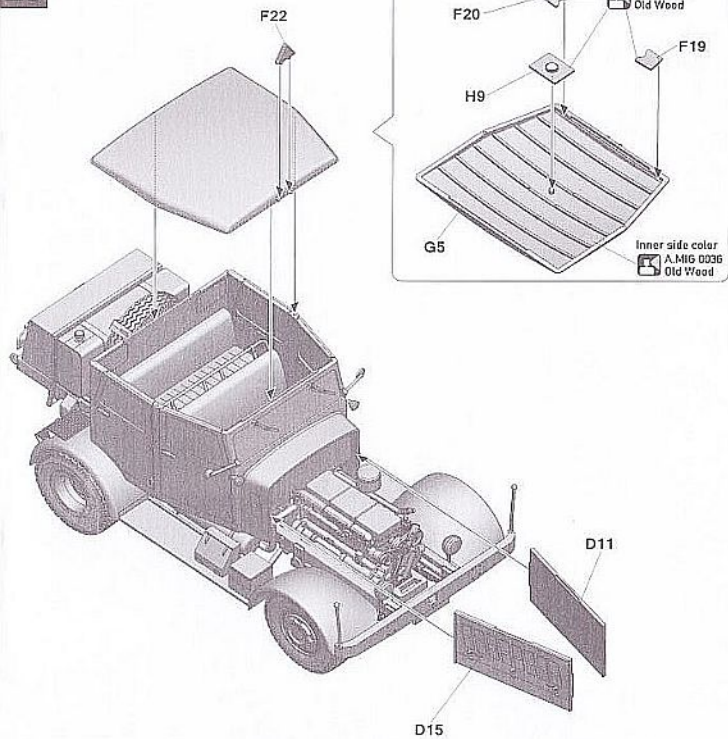


20

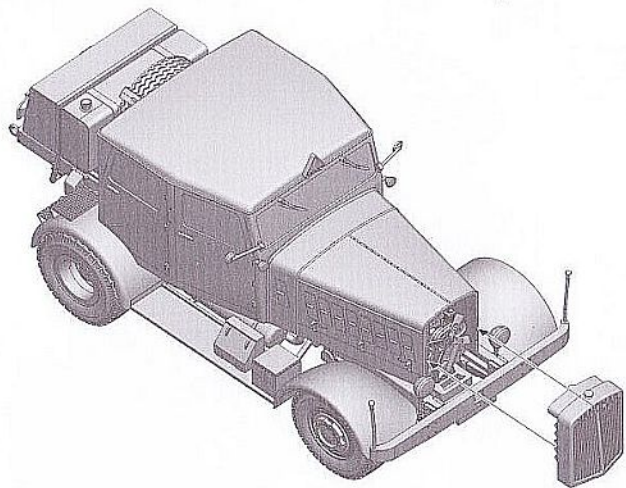
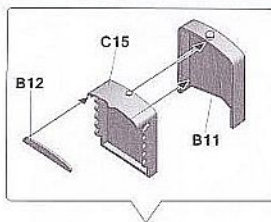


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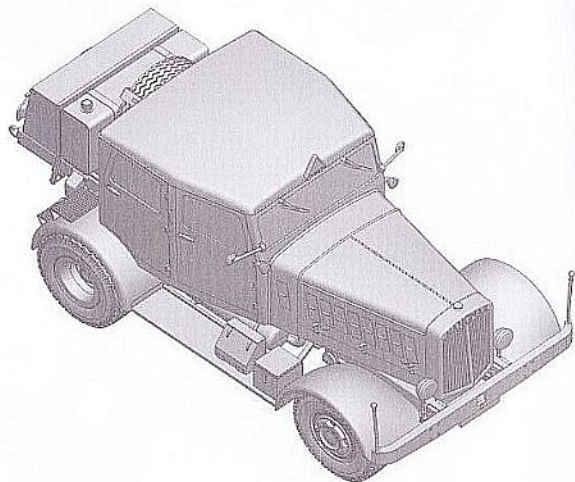




25



26



03.03.2068



HANOMAG SS 100

WWII GERMAN TRACTOR

Color info and profiles by



Painting and Marking Guide

Belgium, 1944

A.MIG.001 Olympein

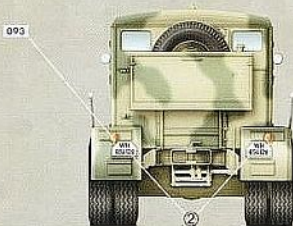
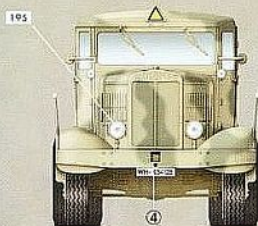
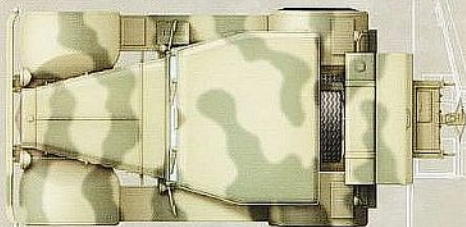
A.MIG.033 Rubber & tires

A.MIG.195 Silver

A.MIG.093 Crystal red

A.MIG.011 Dunkelgelb

You can find some of these paints in this AMMO colour set



TAKOM

WWII German tractor HANOMAG SS 100 Ref: 2068

03.03.2068



HANOMAG SS 100

WWII GERMAN TRACTOR

Color info and profiles by



Painting and Marking Guide

Tempelhof, 1942 (Berlin)



Dunkelgrün



Rubler & Töne

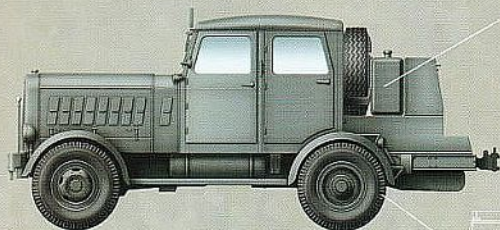


Silber

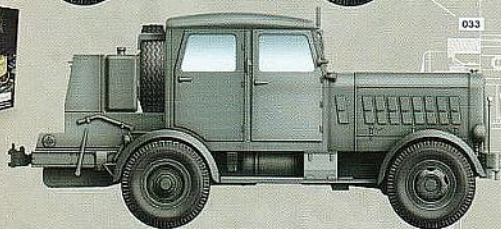


Control red

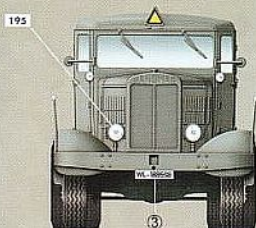
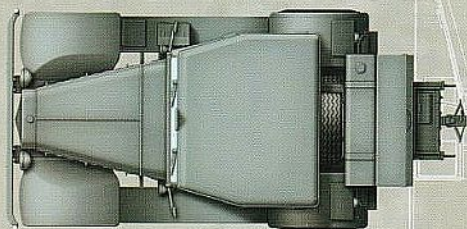
You can find some of these paints in this AMMO colour set



008

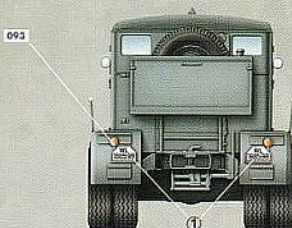


033



195

3



093

1

03.03.2068



HANOMAG SS 100

WWII GERMAN TRACTOR

Color info and profiles by



Painting and Marking Guide

Peenemünde, 1943

AMMO 010

Dunkelgelb 5

AMMO 033

Rubber & Tires

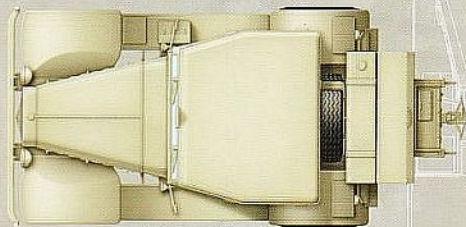
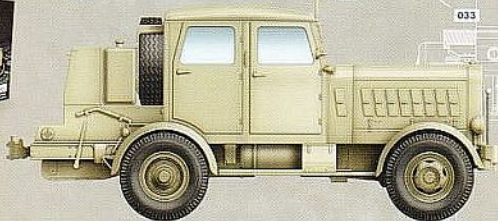
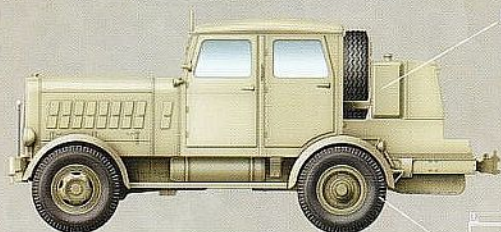
AMMO 195

Silver

AMMO 093

Cristal red.

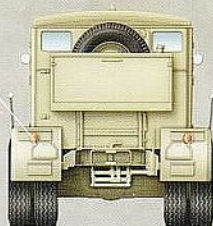
You can find some of these paints in this AMMO colour set



105



093



TAKOM

WWII German tractor HANOMAG SS 100 Ref. 2068

03.03.2068



HANOMAG SS 100

WWII GERMAN TRACTOR

Color info and profiles by



Painting and Marking Guide

Mittelwerk, 1945
(Nordhausen, Germany)

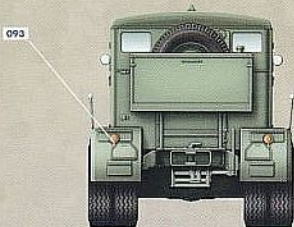
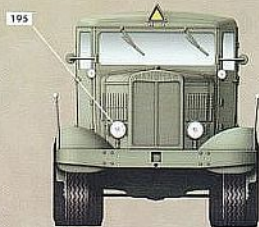
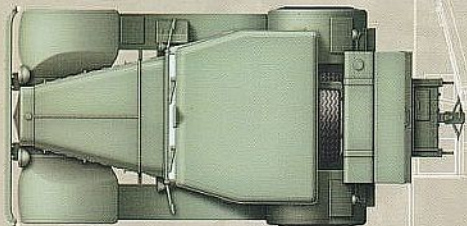
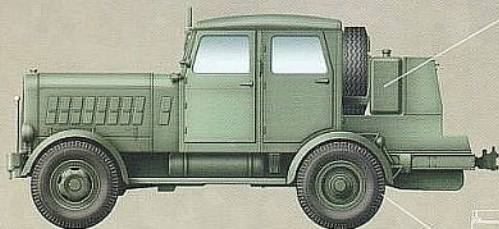
AMMO 001 Olivegreen

AMMO 033 Rubber & Tires

AMMO 195 Silver

AMMO 093 Crystal red

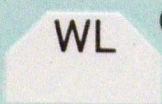
You can find some of
these paints in this
AMMO colour set



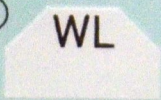
TAKOM

WWII German tractor HANOMAG SS 100 Ref: 2068

11111

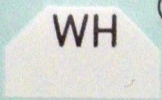


①

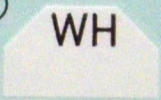


22222

33333



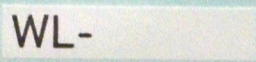
②



44444

55555

③

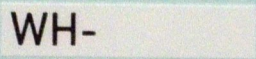


⑤

66666

77777

④



⑥



⑦

88888

99999

00000



03.04.2068

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