

Brückenlegepanzer M48 (M48 A2 AVLB)



Vor dem Zusammenbau lesen!

DW35025

組立ての注意

- ・接着剤や塗料は火の近くで使わないでください。使う時はときどき窓を開けて換気をお願いします。
- ・部品をランナーから切り離す時は模型用ハサミ等を使い、余分な部分はカッターやヤスリ等で仕上げてください。
- ・組立図のサインマークは下の説明をごらんください。

《注意》

- ・勿於近火處使用膠水或油漆・並打開窗戶保持空氣流通。
- ・自膠架中取出部件時・應用模型專用剪・並用界刀或小銼除去多餘的膠料。
- ・各圖型的含意可參考本欄以下的說明。

ZUR BEACHTUNG

- ・ Kleber und Farbe nicht nahe von offenem Feuer verwenden und das Fenster von Zeit zu Zeit zur Belüftung öffnen.
- ・ Zum Abschneiden der Teile vom Verbundstück eine Modellerschere verwenden und die überstehenden Plastikteile mit einem Messer oder einer Feile beseitigen.
- ・ Die Bedeutung der Symbols finden Sie unten in dieser Spalte.

CAUTION

- ・ When you use glue or paint, do not use near a naked flame, and use in a well-ventilated room.
- ・ When you take parts off the runner frame, use modeling scissors and trim excess plastic with a cutter or a file.
- ・ See below for the meaning of symbols.

ATTENTION

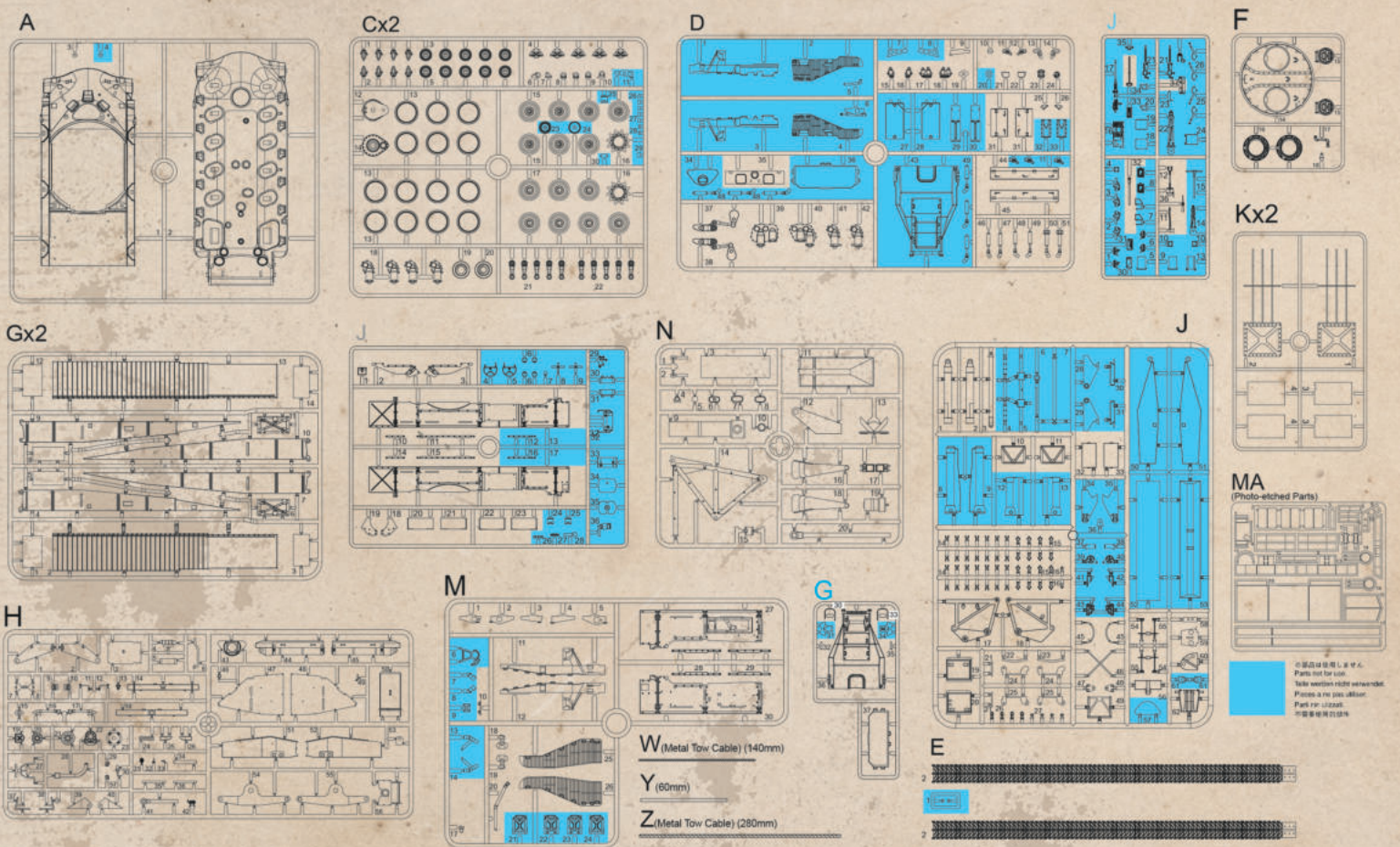
- ・ Ne pas utiliser de colle ou de peinture à proximité d'une flamme nue, et aérer la pièce de temps en temps.
- ・ Pour retirer les pièces hors du cadre, utiliser des ciseaux spéciaux pour maquette le plastique en excès avec un cutter ou une lime.
- ・ Voir la fin de cette colonne pour la signification des symboles

ATTENZIONE


- ・ Non usare colla o vernice vicino a fiamme esposte, e aprire le finestre di tanto in tanto per cambiare l'aria.
- ・ Quando si staccano parti del carrello, usare forbici da modellismo e eliminare la plastica in eccesso con un coltello o una lima.
- ・ Vedere in fondo a questa colonna per il significato dei simboli.

- | | | | | | |
|--|--|---|---|--|---|
| 2 コつくてください
MAKE 2pcs
2 TEILE FERTIGEN
EFFECTUER 2 PIECES
FARE DUE PEZZI
TEE 2 KPL
GOR 2 ST
製作二組 | 切り取ってください
REMOVE
ENTFERNEN
RETIPIER
SEPARARE
POISTA
AVLAGSNA
切去 | 接着しないでください
DO NOT CEMENT
NICHT KLEBEN
NE PAS COLLER
NON INCOLLARE
EIJIMAA
LIMMAEJ
不用貼合 | テカールを貼ってください
APPLY DECAL
HIER ABZIEHBILD
APPLIQUER DECALCOMANIE
APPLICARE DECALCOMANIE
ASETA SIIRTOKUVÄ
APLICERA DECALEN
貼上水印紙 | 穴をうめてください
FILL HOLE
SCHLIESSEN
BOUCHER LE TROU
FORO PIENO
TAYTÄ REIKA
FYLL HÅLET
把孔填平 | 接着剤が乾くまで2-3分待ちます。
PLEASE WAIT FOR A FEW MINUTES UNTIL DRY
ENIGE MINUTEN WARTEN BIS DER KLEBSTOFF GETROCKNET IST
ASPETTARE ALCUNI MINUTI FINCHE LA COLLA SIE ASciugata
VEUILLEZ PRENDRE QUELQUES JISSON/SECHAGE
VANTA NAGRA MINUTER TILLS TORR
OOTA MUUTAMA MINUUTTI KUUNNES KUIVUNUT
稍候數分鐘 直至接著劑乾固 |
| 注意してください
BE CAREFUL
HIER VORSICHT
FAIRE ATTENTION
USARE ATTENZIONE
VAROVASTI
FORIKTIGT
小心留意 | 穴をめてください
OPEN HOLE
ÖFFNEN
FAIRE UN TROU
FORO APERTO
AVAA REIKA
ÖPPNÄ HÅLET
鑽孔 | 接着してください
CEMENT TOGETHER
ZUSAMMENKLEBEN
COLLER ENSEMBLE
INCOLLARE INSIEME
LIMMA YHTEEN
LIMMA IHOP
用膠貼合 | 折り曲げてください
BEND
BITTE BIEGEN
PLIER S'IL VOUS PLAÎT
PIEGARE
TAITA
BOCKA
屈曲 | どちらかを選んでください
OPTIONAL
NACH BELIEBEN
FACULTATIF
FACOLTATIVO
VALINNANVARAINEN
VALBAR
可以選擇採用 | 瞬間接着剤(金屬用)
INSTANT GLUE FOR METAL
METALLKLEBER
COLLA A METAL INSTANTANEE
COLLA Istantanea PER METALU
PIKALIMAA METALLIOSIA VARTEN
SNABBLIM FÖR METALLDELAR
金屬用速乾膠 |

	COLOR	RAL	Tamiya	Mr Hobby H-Series	AMMO of MIG	Vallejo	Humbrol	Mission Models
A	Bronzegrün	6031	XF67	H080	0084	71.093	150	MMP-034
B	Teerschwarz	9021	XF69	H401	0046	71.251	032	MMP-035
C	Lederbraun	8027	XF68	H017	0085	71.249	098	MMP-033
D	Gelboliv	6014	XF51	H052	0087	71.013	155	MMP-024
E	Olive Drab	6022	XF62	H078	0237	71.020	066	MMP-026
F	Red	3020	XF7	H003	0049	71.058	153	MMP-101
G	Wood		XF94	H043	0036	71.077	110	MMP-123
H	Steel		XF56	H018	0191	71.065	5025	MMM-002
I	Black	9005	XF1	H012	0046	71.057	033	MMP-047
J	Transparent Red		X27	H090	0093	70.934	1321	MMP-167
K	Transparent Orange		X26	H092	0097	70.935	1322	
L	Rubber		XF85	H077	0033	71.315	032	MMP-040
M	Silver	7001	X11	H008	0195	71.063	011	MMM-006
N	White	9003	XF2	H011	0050	71.001	034	MMP-001
O	Sand Beige	1039	XF57	H085	0027	71.244	121	MMP-086



4

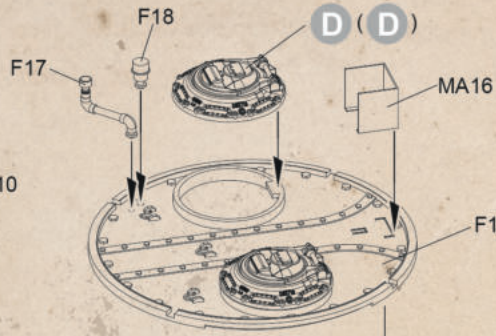
F15
open  close

F16

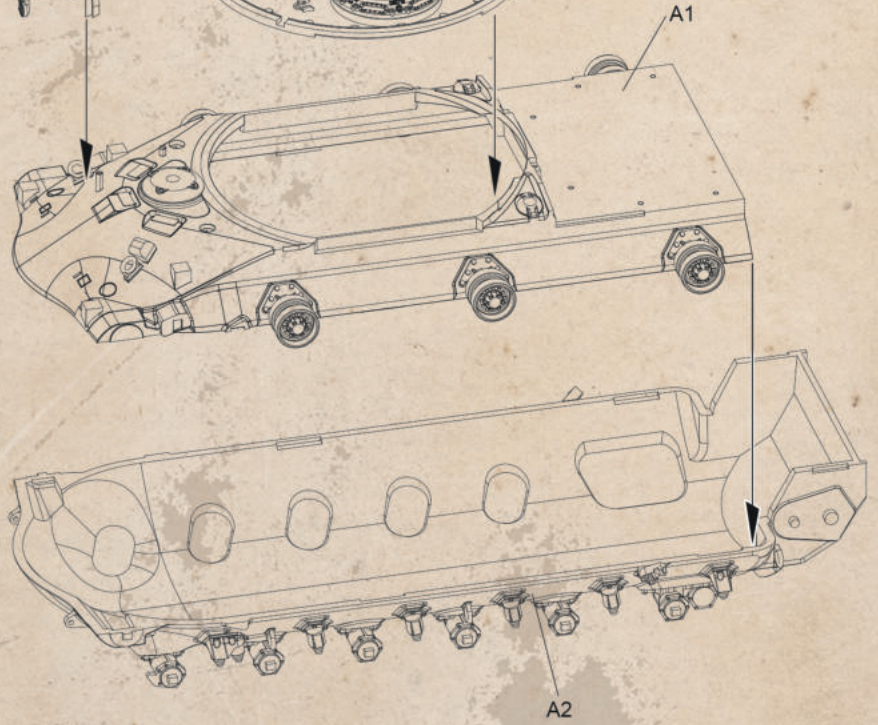
 1:1

MA10

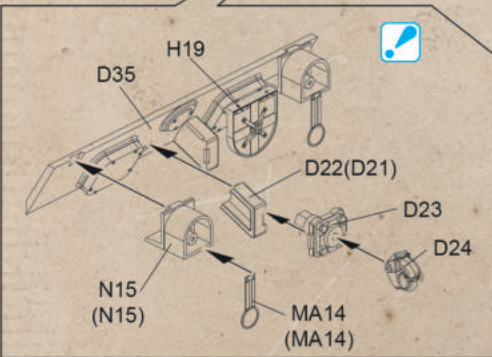
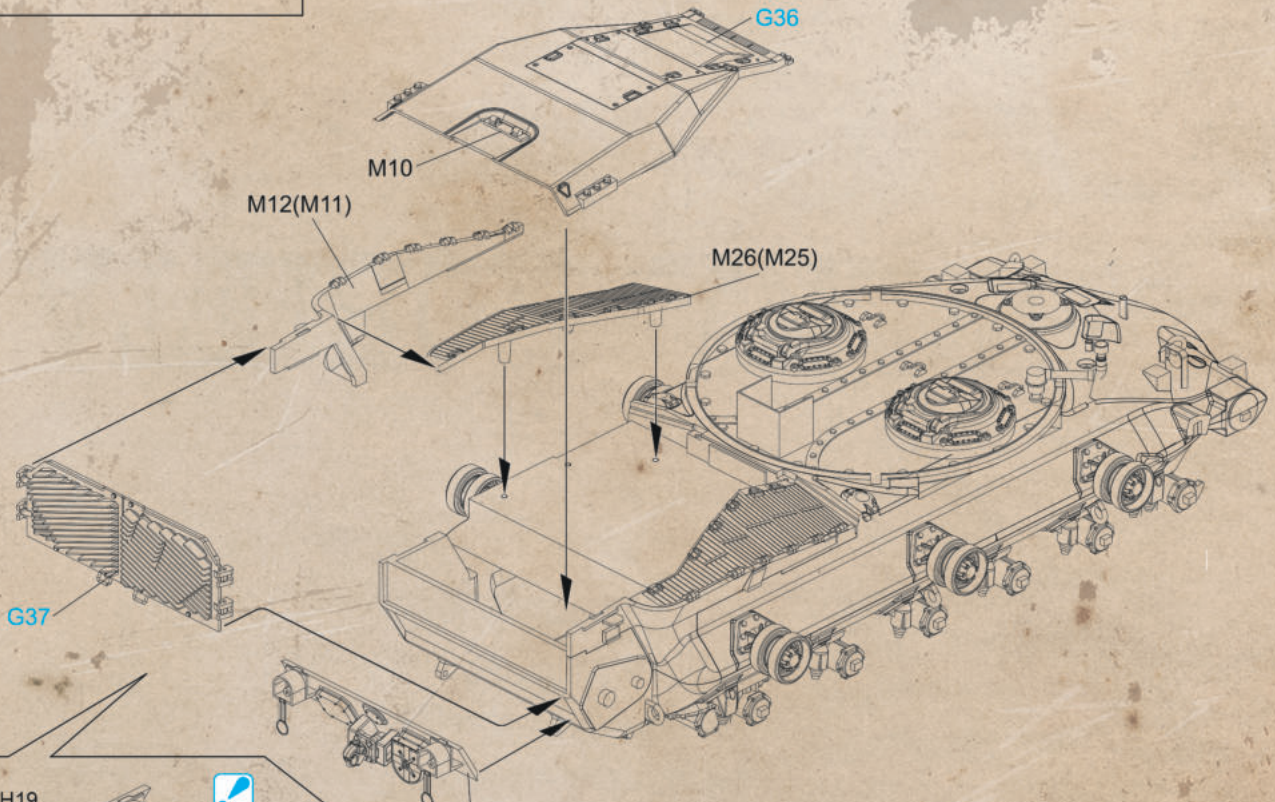
D x2



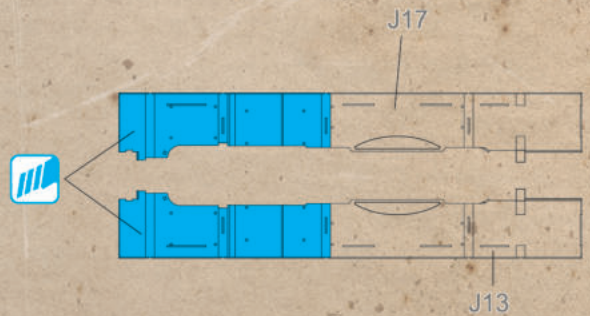
5



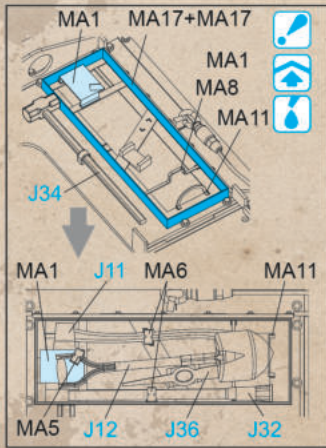
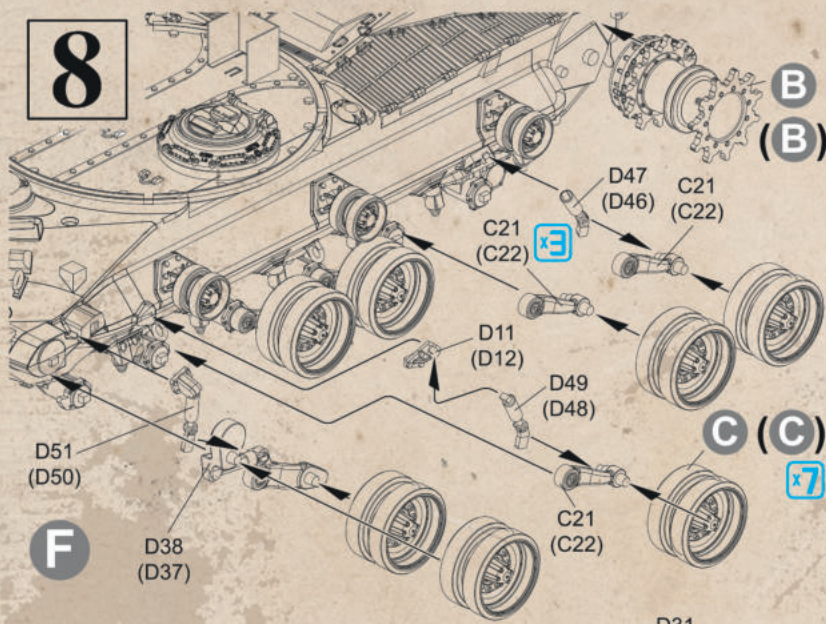
6



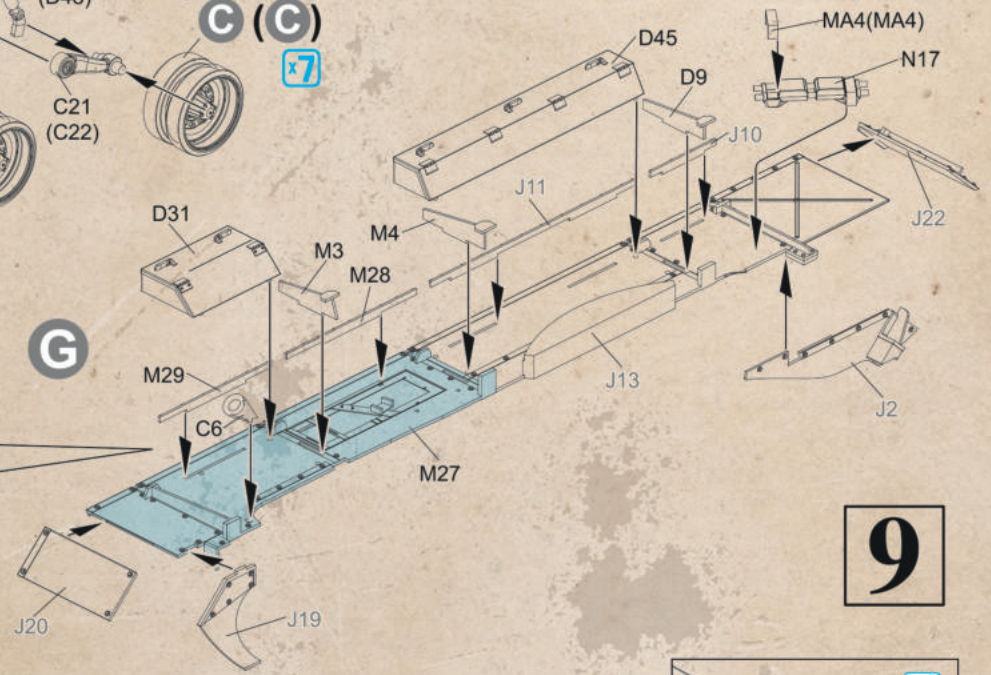
7



8

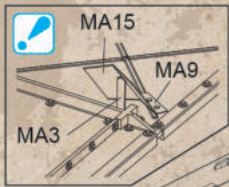


G

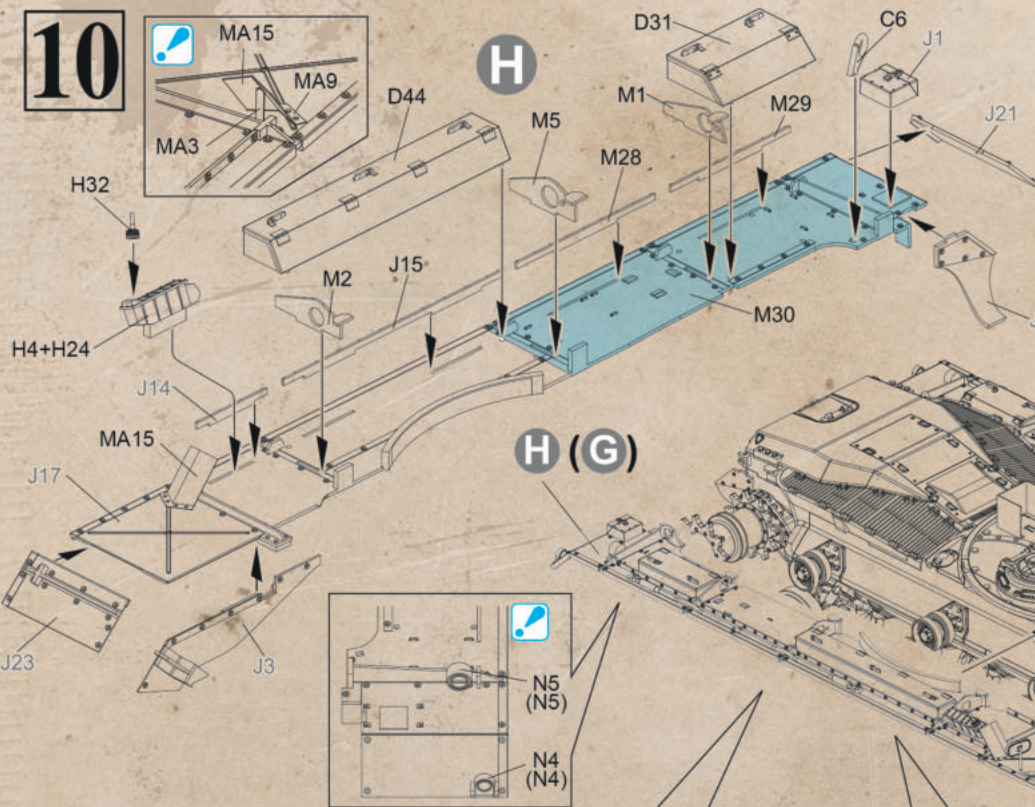


9

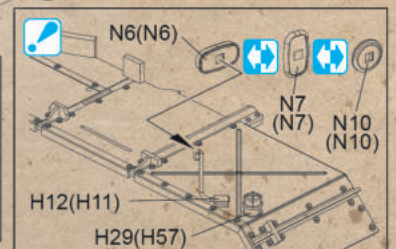
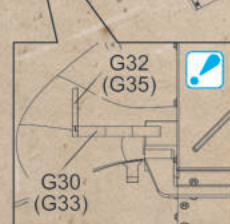
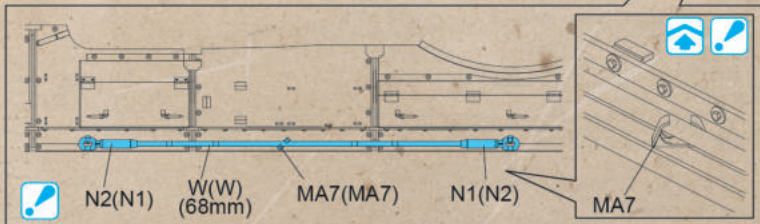
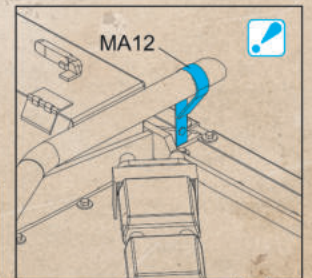
10



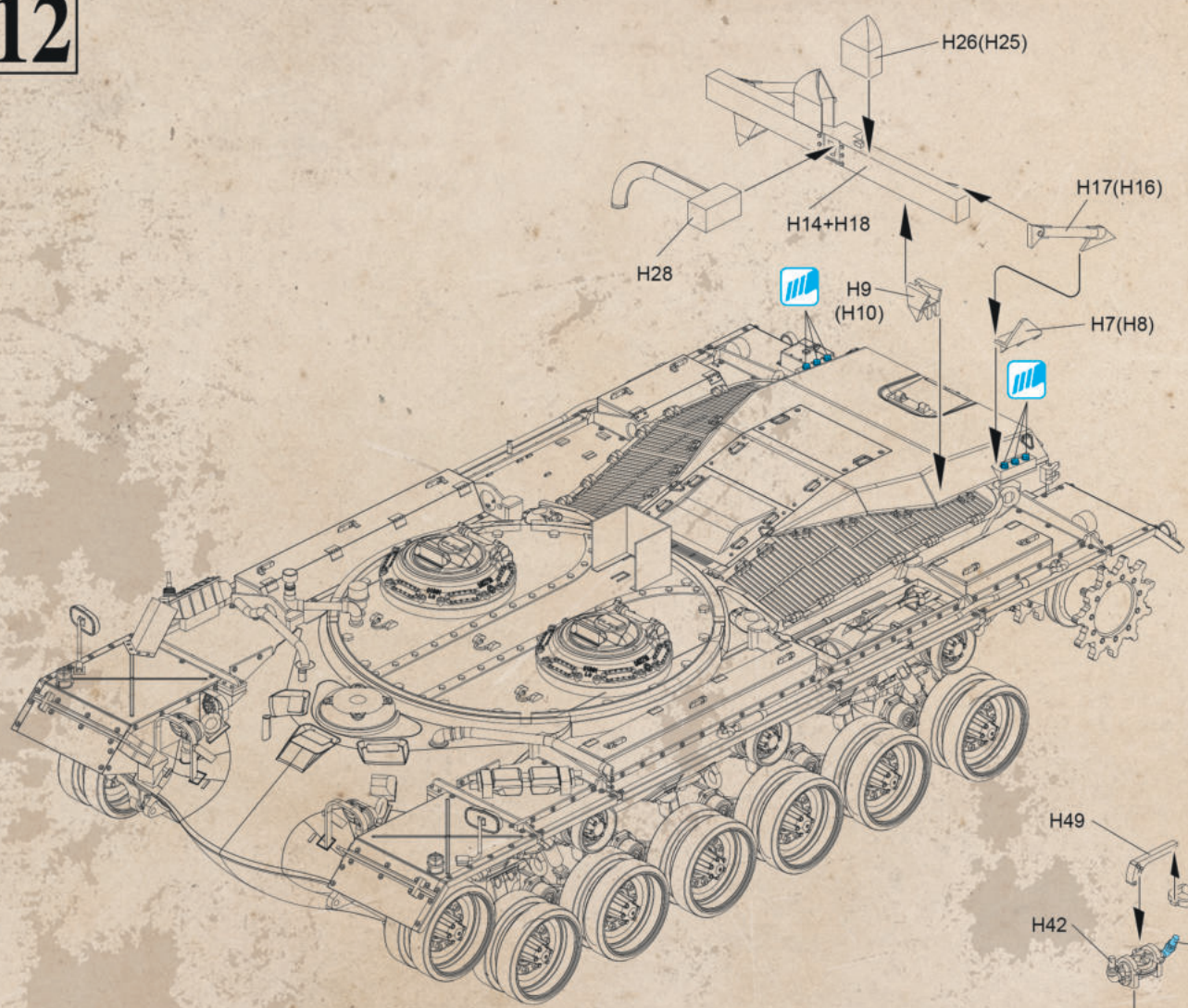
H



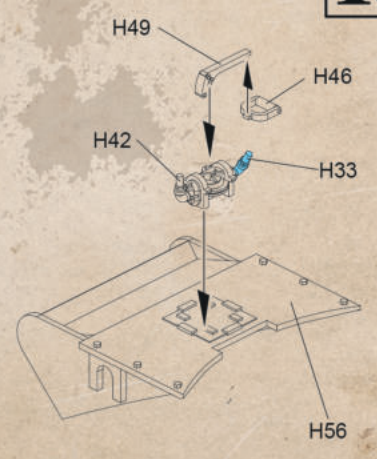
11



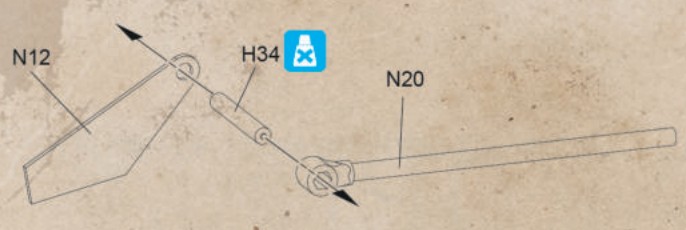
12



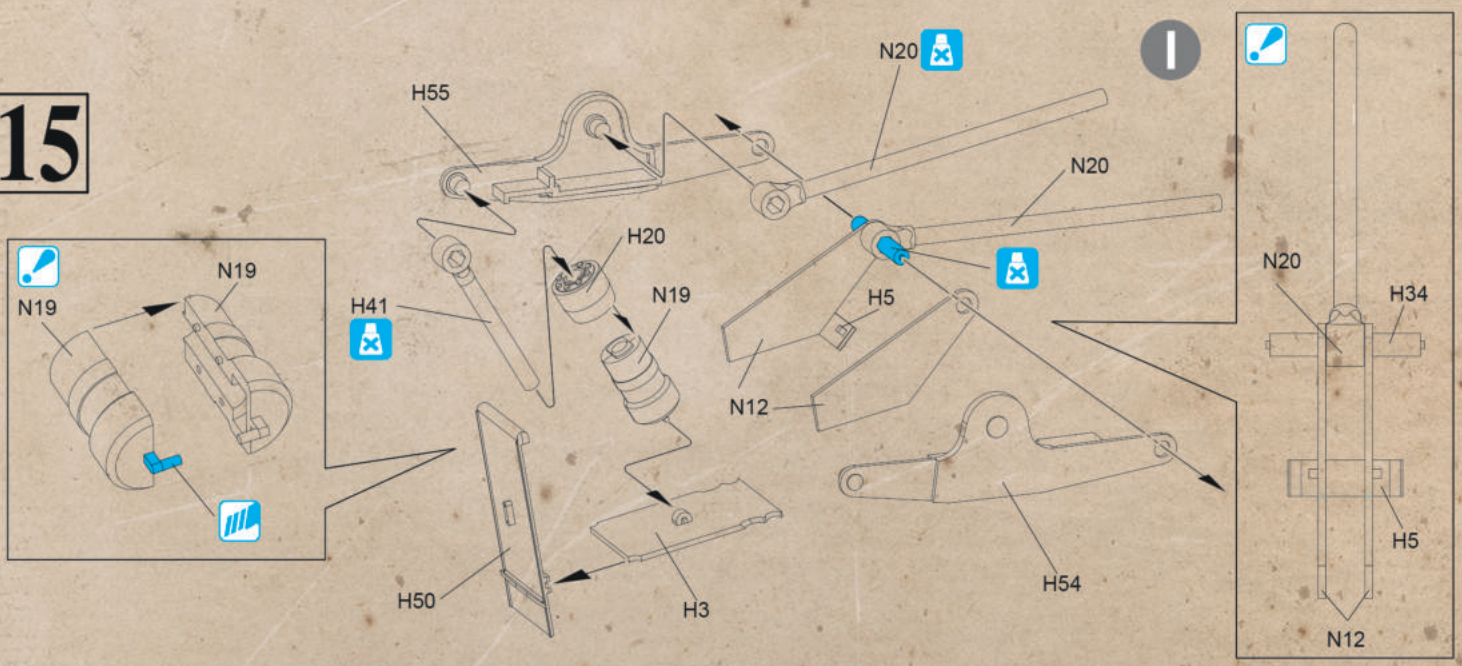
13



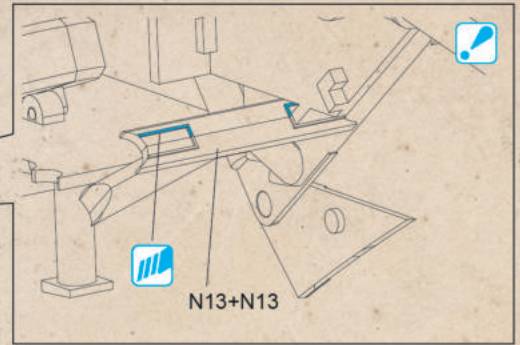
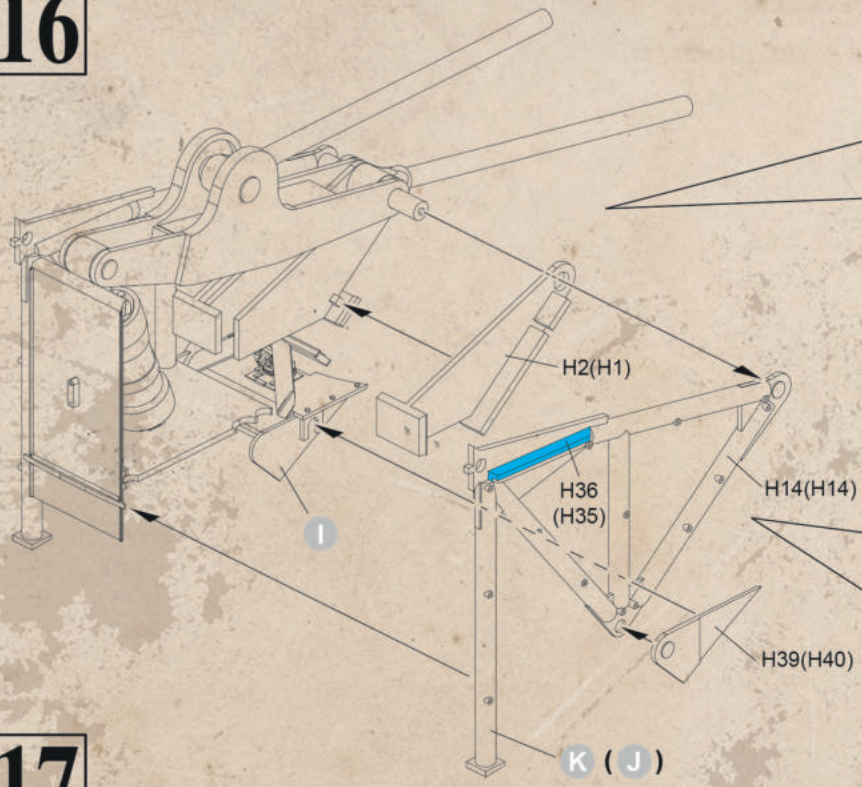
14



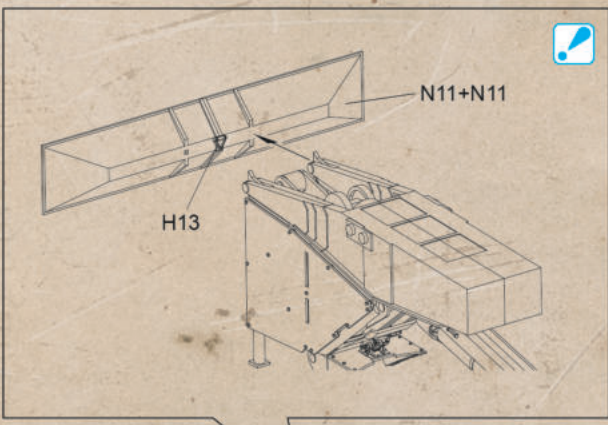
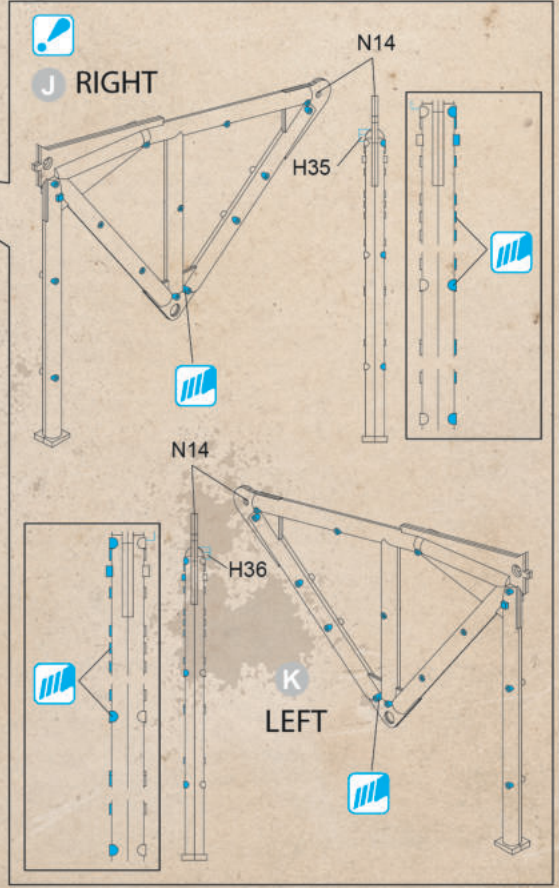
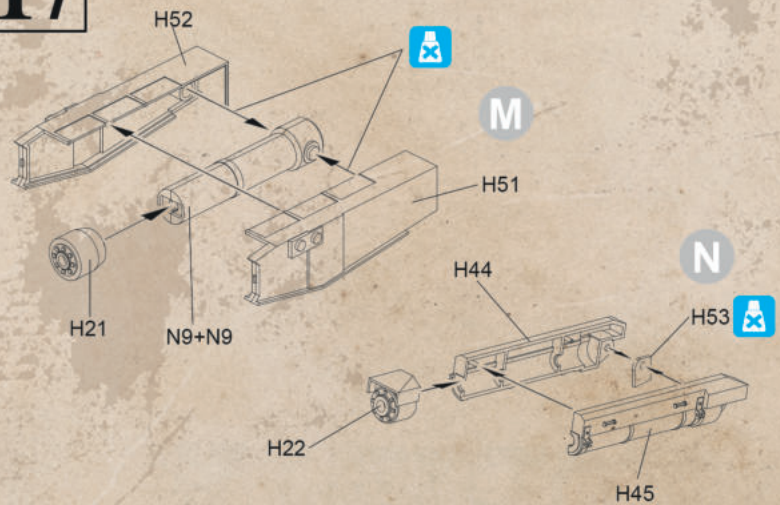
15



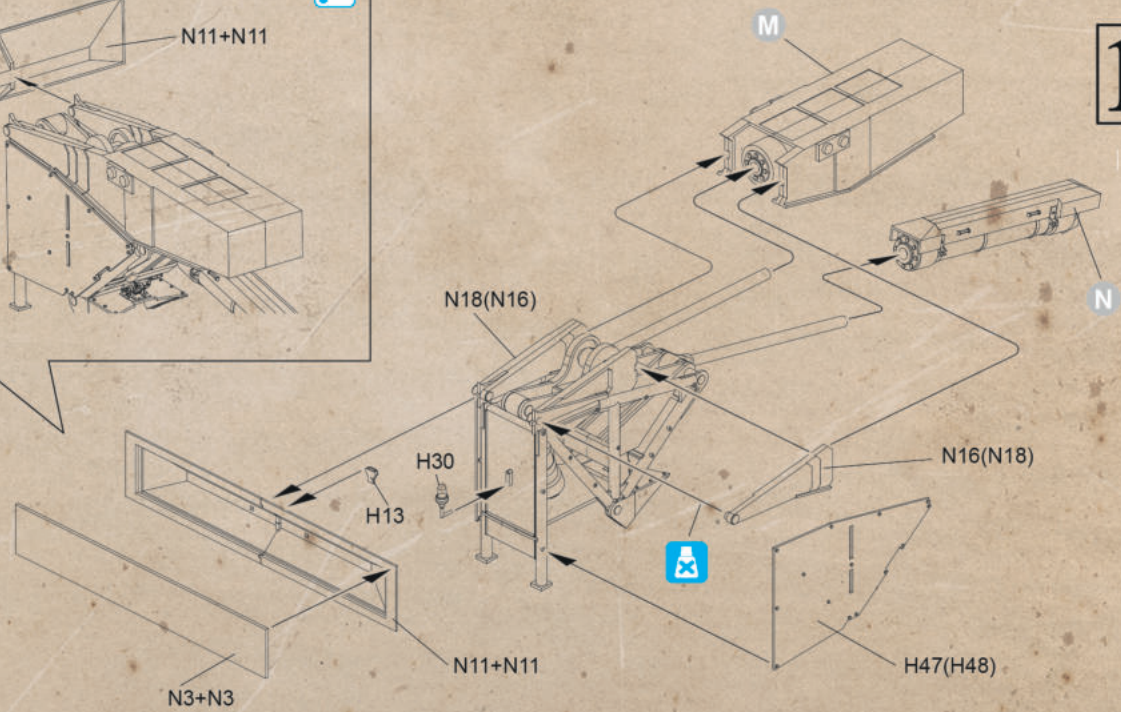
16



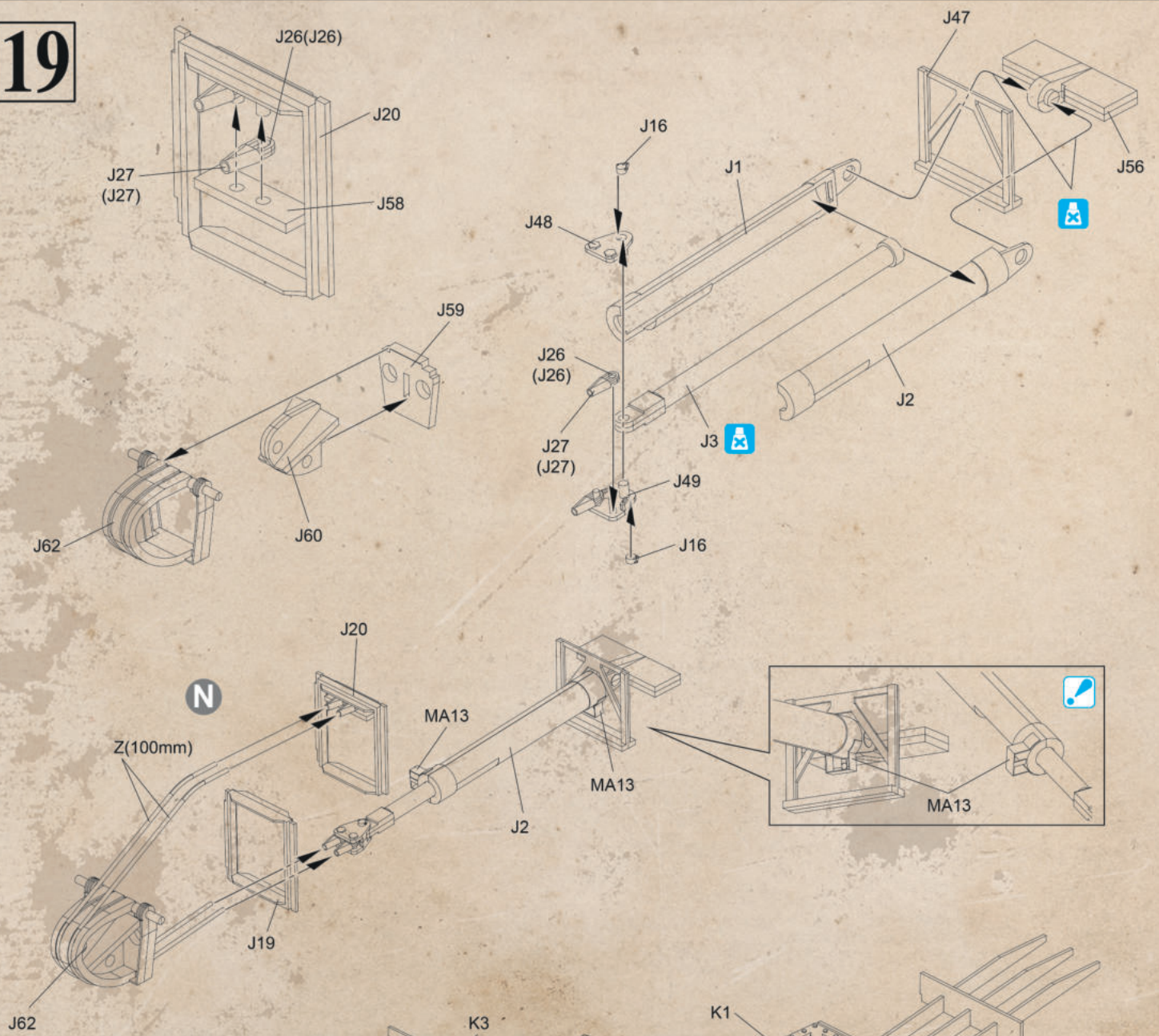
17



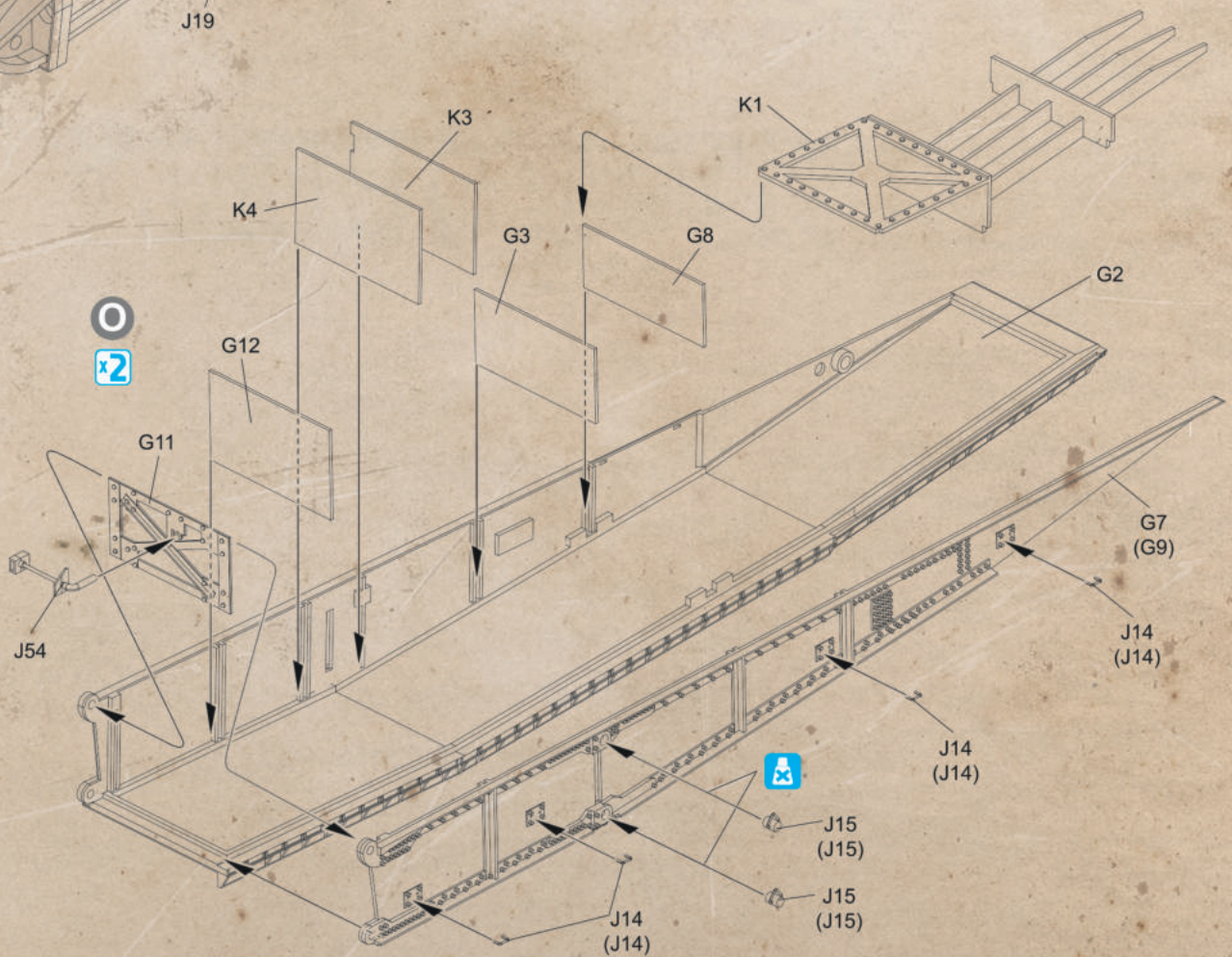
18



19

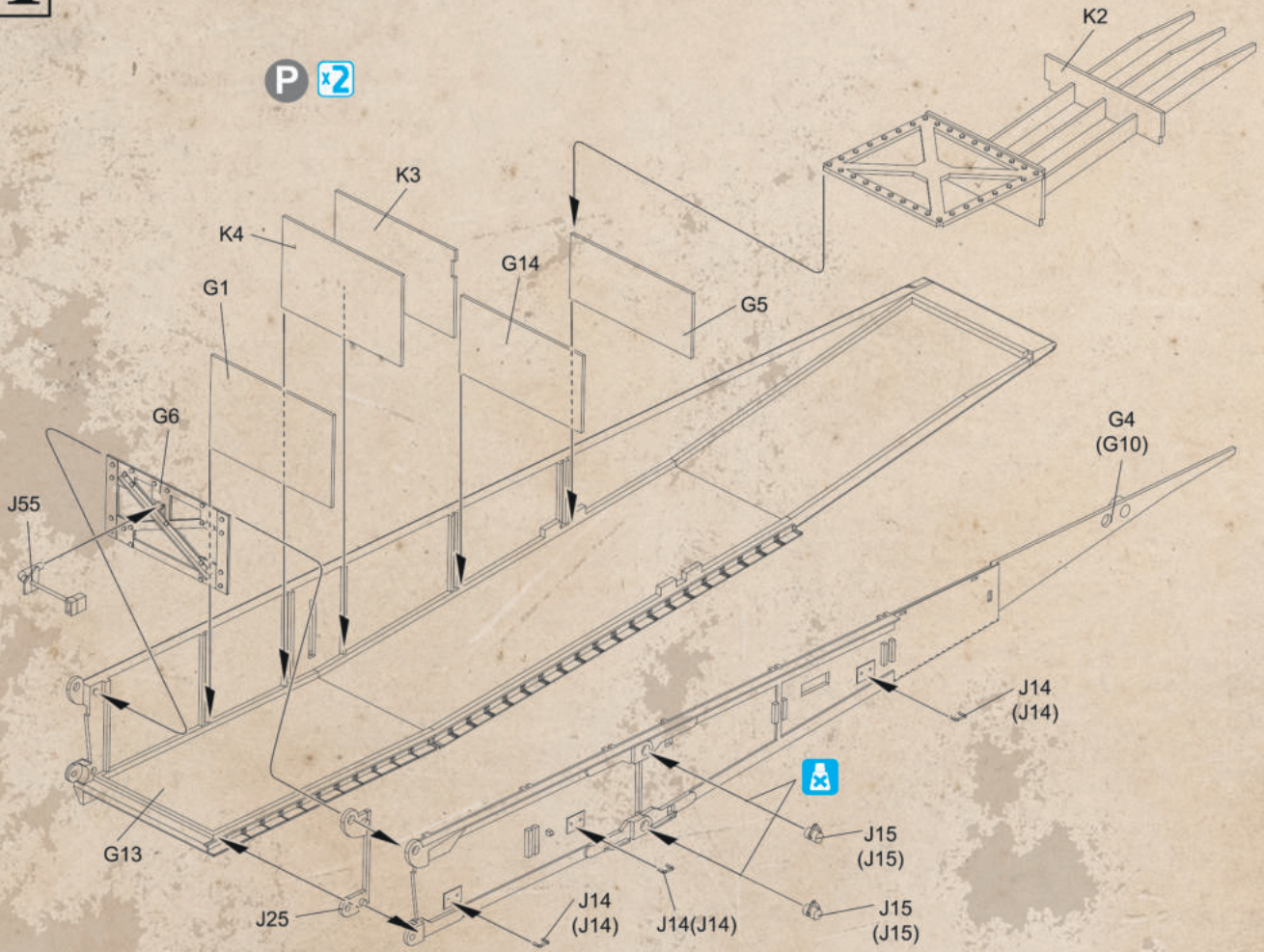


20



21

P x2




22

O (O)

P (P)

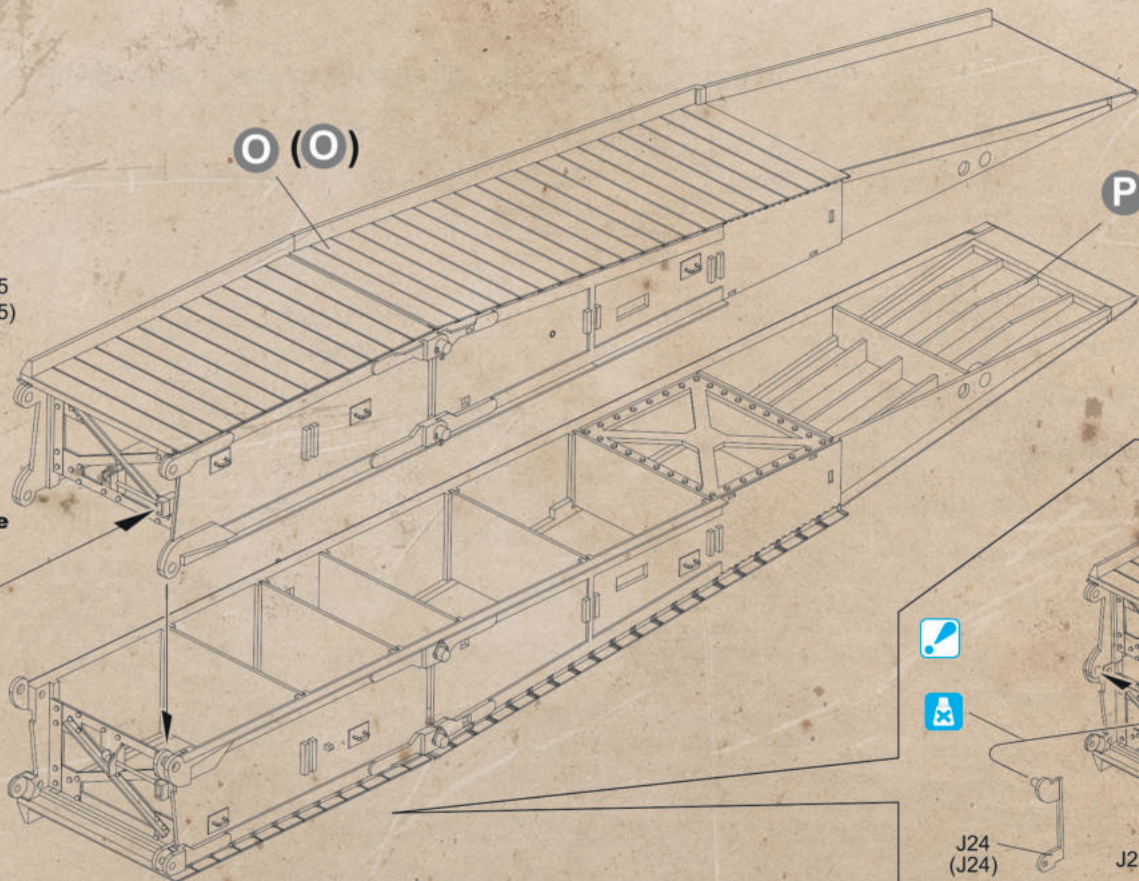
J45 (J45)

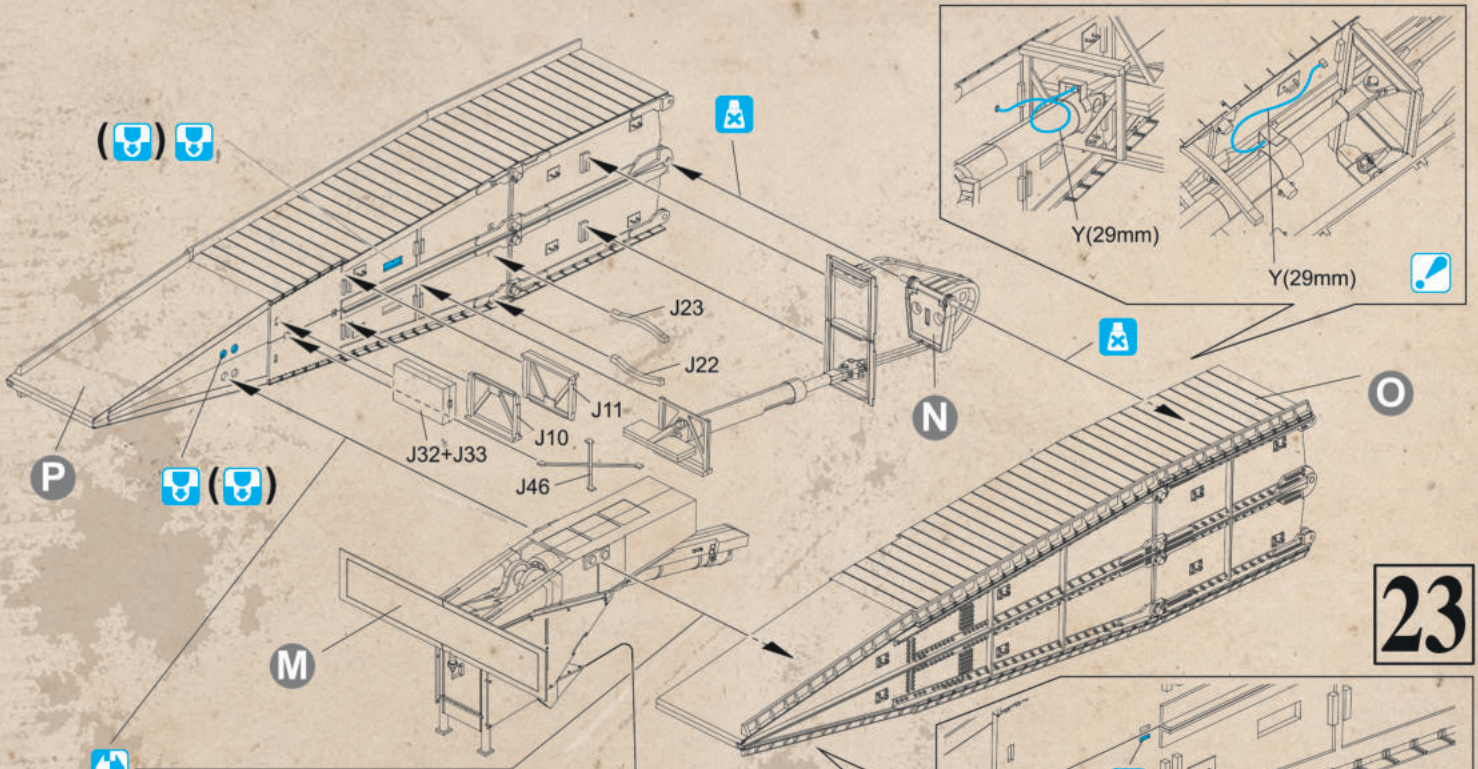
Travel mode



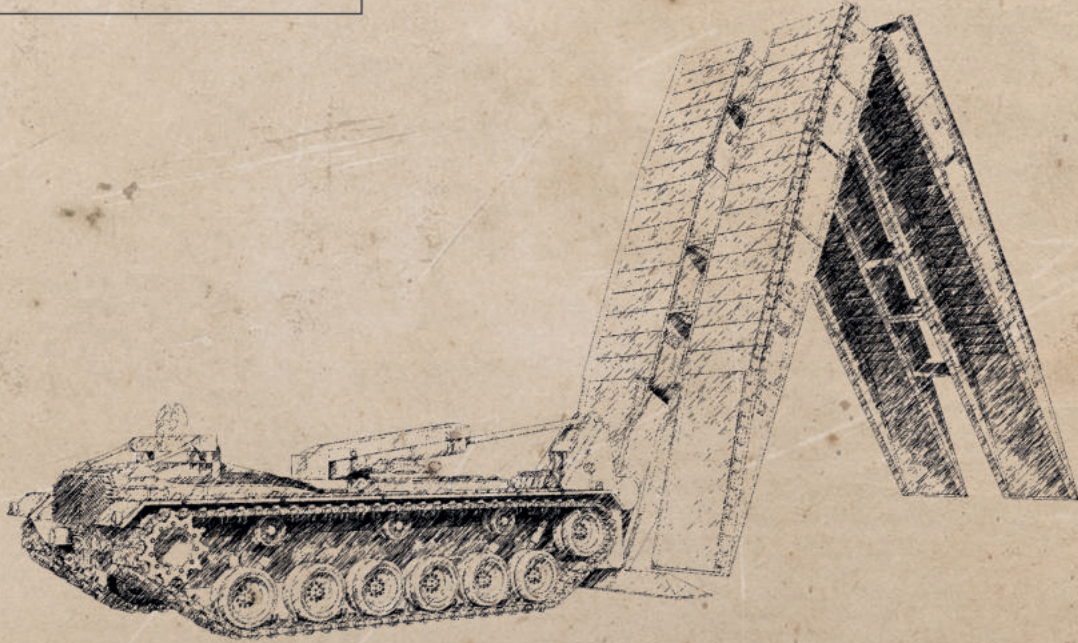
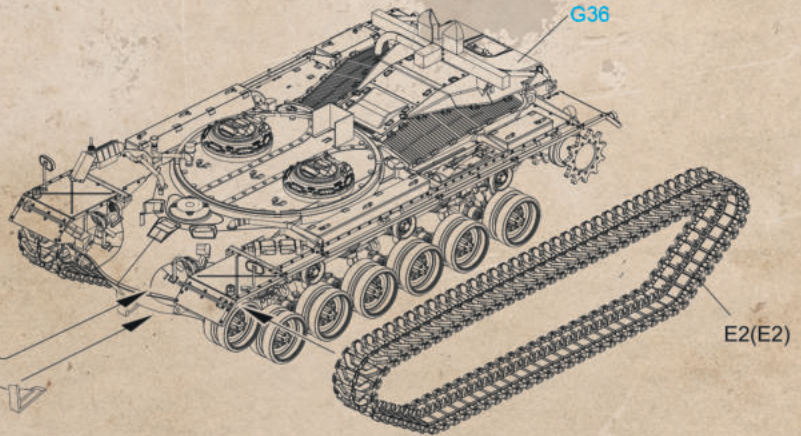
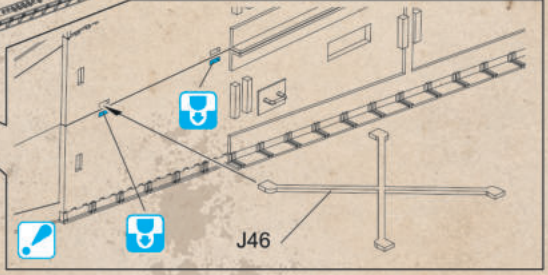
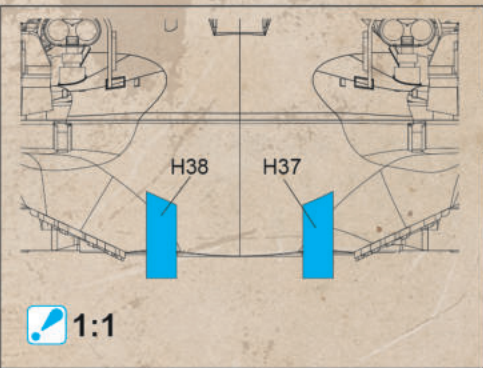
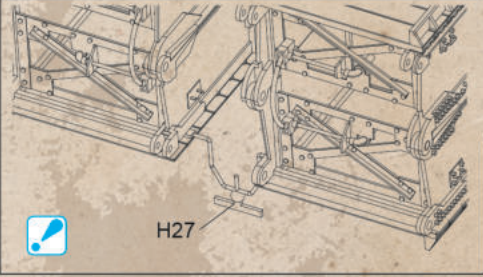
Lowered mode

J21(J21)





Travel mode



Painting and Marking Guide

Bundeswehr, Panzerpionierkompanie 160, Elmenhorst, late 1980s



PZPIKP 160



The coat of arms of PzPIKP 160 shows a black and green oak leaf on a red background, in front of it a stylized white tank on a yellow bridge. The black-green oak leaf on a red background, in conjunction with the yellow bridge, symbolizes the solidarity of the engineer troops with the infantry. The armored engineers should be equipped with the armored vehicle (HS 30).

History:

April 1959: Company is raised in Flensburg-Weiche from 4./PiBtl.6

1963/1964: M48 AVLB and M48 CEV are introduced in the Company

4th quarter 1969: Company moves to new location Elmenhorst

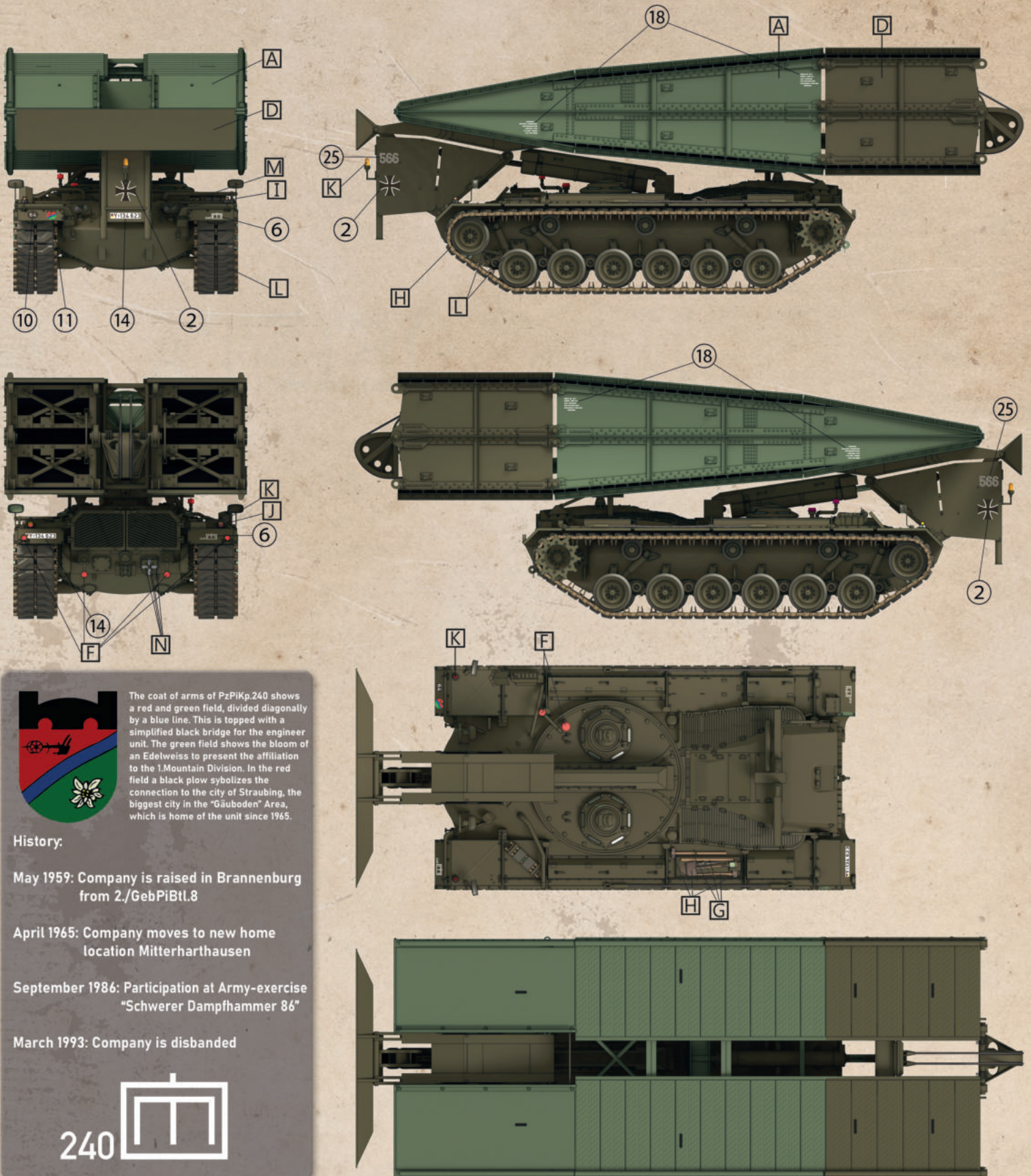
June 1992: Company moves to new location Wentorf (near Hamburg)

December 1992: M48 AVLB phased out for new Biber AVLB

30. June 1994: Company is disbanded

Painting and Marking Guide

Bundeswehr, Panzerpionierkompanie 240, Mitterharthausen, 1987



The coat of arms of PzPiKp.240 shows a red and green field, divided diagonally by a blue line. This is topped with a simplified black bridge for the engineer unit. The green field shows the bloom of an Edelweiss to present the affiliation to the 1.Mountain Division. In the red field a black plow symbolizes the connection to the city of Straubing, the biggest city in the "Gäuboden" Area, which is home of the unit since 1965.

History:

May 1959: Company is raised in Brannenburg from 2./GebPiBtl.8

April 1965: Company moves to new home location Mitterharthausen

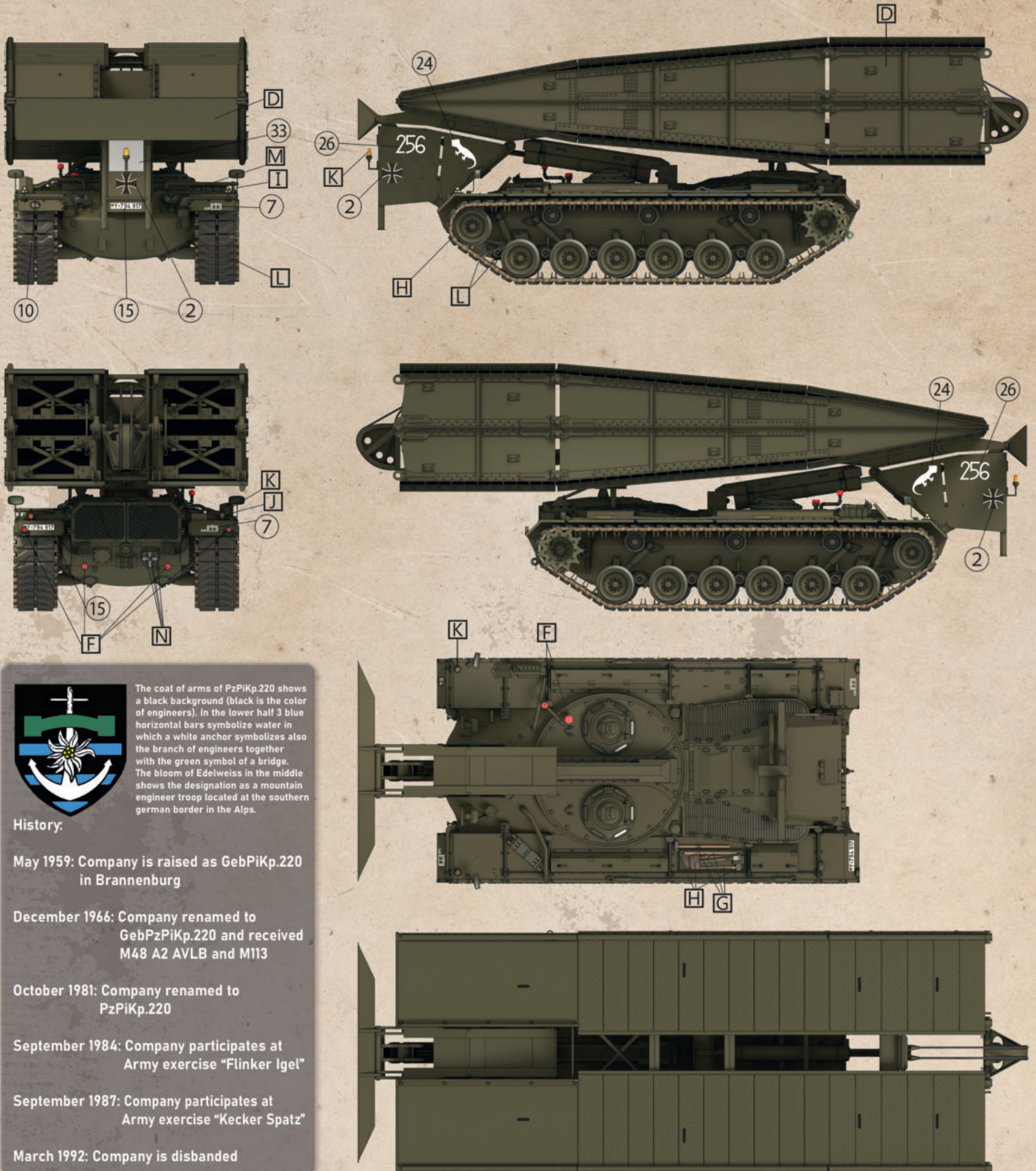
September 1986: Participation at Army-exercise "Schwerer Dampfhammer 86"

March 1993: Company is disbanded



Painting and Marking Guide

Bundeswehr, Panzerpionierkompanie 220, „Kecker Spatz 87“, schwäbische Alb, 1987



The coat of arms of PzPiKp.220 shows a black background (black is the color of engineers). In the lower half 3 blue horizontal bars symbolize water in which a white anchor symbolizes also the branch of engineers together with the green symbol of a bridge. The bloom of Edelweiss in the middle shows the designation as a mountain engineer troop located at the southern german border in the Alps.

History:

May 1959: Company is raised as GebPiKp.220 in Brannenburg

December 1966: Company renamed to GebPzPiKp.220 and received M48 A2 AVLB and M113

October 1981: Company renamed to PzPiKp.220

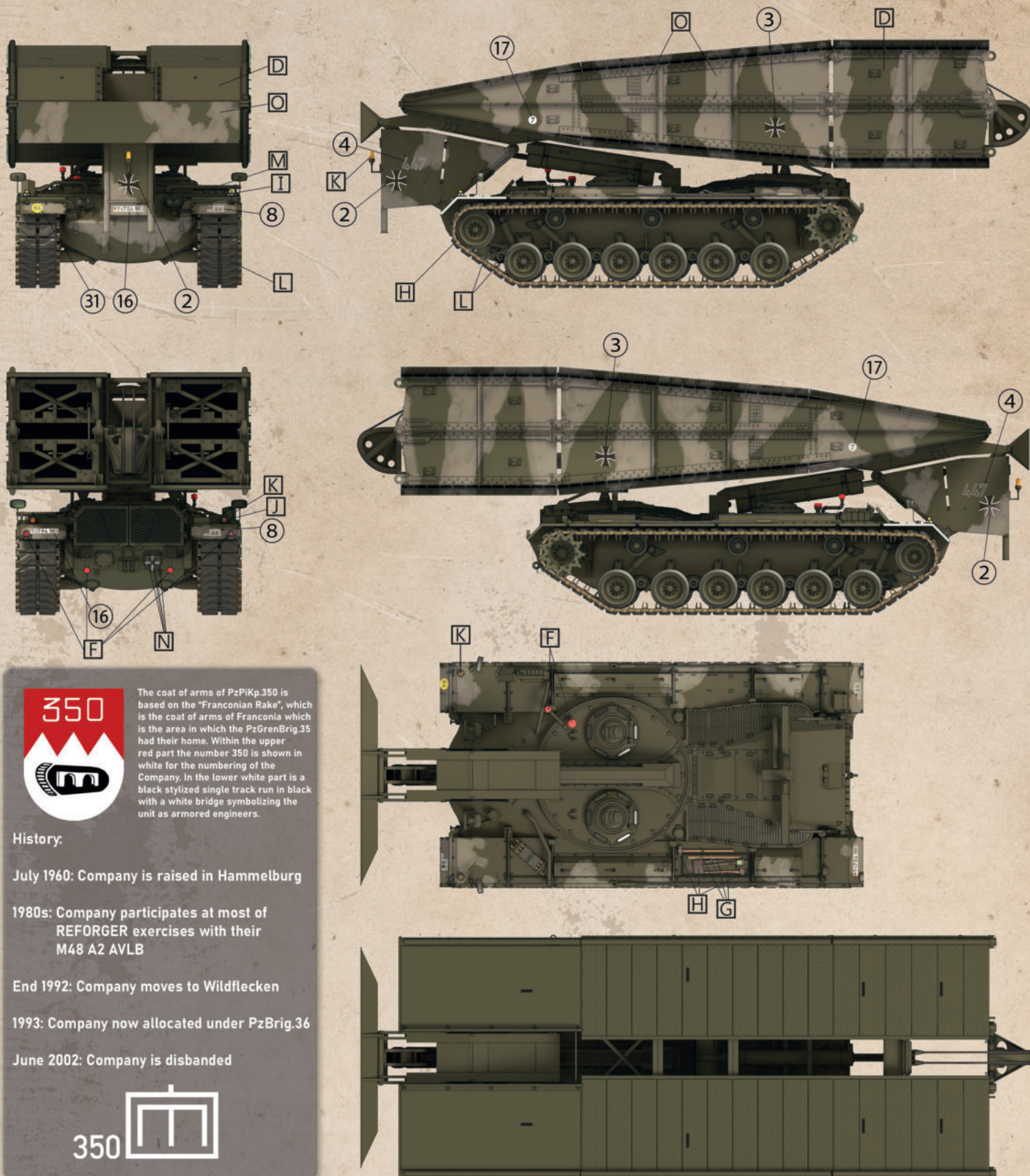
September 1984: Company participates at Army exercise "Flinker Igel"

September 1987: Company participates at Army exercise "Kecker Spatz"

March 1992: Company is disbanded

Painting and Marking Guide

Bundeswehr, Panzerpionierkompanie 350, Hammelburg, 1970s



The coat of arms of PzPIKp.350 is based on the "Franconian Rake", which is the coat of arms of Franconia which is the area in which the PzGrenBrig.35 had their home. Within the upper red part the number 350 is shown in white for the numbering of the Company. In the lower white part is a black stylized single track run in black with a white bridge symbolizing the unit as armored engineers.

History:

July 1960: Company is raised in Hammelburg

1980s: Company participates at most of REFORGER exercises with their M48 A2 AVLB

End 1992: Company moves to Wildflecken

1993: Company now allocated under PzBrig.36

June 2002: Company is disbanded



Das Werk

Check out other great kits from us:



DW16001 - StuG III Ausf.G early (1:16 scale)



DW35022 - French 155mm howitzer (1:35 scale)



DW35018 - Rammtiger (1:35 scale)

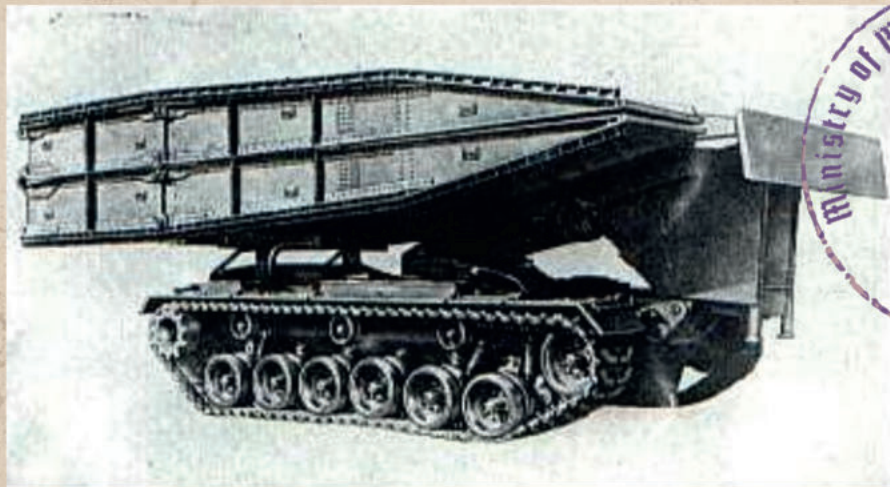


DW35026 - RSO Type 470 (1:35 scale)



DW72001 - WW1 German U-Boat SM U9 (1:72 scale)

M48 Brückenlegepanzer



The „Brückenleger M48“ was the standard bridge laying tank of the Bundeswehr, originally made in the USA, before phased out in the 1970s for the „Biber“. The base was the armored hull of the M48 with six roadwheels and a rubber-padded steel track.

The two fuel tanks together held around 1300 liters of gasoline.

The vehicle was equipped with a 250 cm³ auxiliary engine for battery charging and heating.

A plate covered the opening of the original turret and cupolas were attached to the left and right for the driver and the commander.

The M48 Brückenleger was the heaviest and the only vehicle of the Bundeswehr that could only be driven with a class F4 driving license.

The almost 20m long folding bridge was laid or picked up with a total of four hydraulic cylinders. One after the other, the erecting cylinder and the laying cylinder as well as the folding cylinder of the bridge were actuated parallel for laying the bridge (or picking up and folding in).

The bridge could be laid up to 19% up and down and with a cross slope of up to 8%. For rail transport and also for transport on the low-loader trailer (15 t), the bridge could be stored completely folded .

The crossing speed over the bridge was about 4 km/h, but up to 20 km/h was possible in practice.

Technical Data:

Length: 8,19m (with bridge 11.23m)

Width: 3.66m (with bridge 4.01m)

Height: 3.05m (with bridge 4.04m)

Weight; 44t (with bridge 58t)

Engine: Continental AV-1790-5B

Displacement: 33490cm³

Engine rating: 821 PS

Maximum speed: 51.5km/h

Fuel consumption: 500-700l/100km

Range: 463km maximum

Track width: 71cm

Ground clearance: 400 mm

Wading depth: 120cm

Gradeability: 60%

Trench width: 260cm

Obstacle height: 91.4cm

Bridge length: 19.2m

Bridge span: 18.3m

Bridge width: 4m

Bridge load capacity: MLC60