

Das Werk

D 617/1
DW35002



Tiefladeanhänger für Panzerkampfwagen

(Sd. Ab. 115)

— Tiefl. Anh. für Pz. Kpfz. (Sd. Ab. 115) —

Gerätbeschreibung und Bedienungsanweisung

Bonn 14. 9. 38



Sd.Ah.115

The Sd.Ah.115 was a heavy-duty, 2-axle transport trailer designed to carry German armor in service at the time. With a stated load capacity of 10 tonnes, the Sd.Ah.115 was capable of carrying a wide variety of vehicles. In fact, a wide variety of vehicle loads can be seen atop the Sd.Ah.115 in period photographs. An earlier 8 tonne version first served in the Spanish Civil War. The 10 tonne version was deployed to transport the lighter Panzer I and II tanks during the early years of the Second World War. As the Wehrmacht moved through Europe, the Sd.Ah.115 could be seen carrying a wide variety of non-German vehicles. Some examples even survived the war and can be seen being used in the rebuilding of Europe after the end of the war.

This Das Werk model kit has been designed to offer a wide variety of display options. The front tow-bar is moveable, the front axle can be rotated, the upper ramps can be re-positioned to the rear of the vehicle in a loading configuration (or the small, alternate ramps can be used and the forward ramps can be left in place, as is seen in some photos), the lower forward ramps can be installed in the stowed or raised configurations, and the rear axle can be left off in the loading configuration. Consult reference photos for configuration information.



Warning: Choking hazard. Keep small bits and pieces away from toddlers. Use paint and glue in well-ventilated areas only, away from open flame. Wear protective gear while working with knives and while sanding. Protect your lungs from dust and fumes. Beware of sharp edges.

Assembly: read the instructions carefully before starting assembly. Dry-fit parts and subassemblies before installing them. Use a primer to spot small irregularities before final painting.

Painting: Always run a paint test bed parallel to the project. Test chemical reactions and products from different brands for compatibility before combining different products on your model. Use the test bed to experiment with weathering effects as well. A test bed can also help with adjusting airbrush settings before turning the airbrush on the model.

Decals: Soak decals in warm water until they become loosened from the carrier film. Consider using softeners and setting solutions. Avoid trapping air bubbles under the decal. Seal decals with a clear coat after they have thoroughly dried.



SAND / FILE



DRILL



CUT / TRIM



REPEAT



REPEAT



USE CA GLUE



NO GLUE



PAINT



DECALS



CAUTION



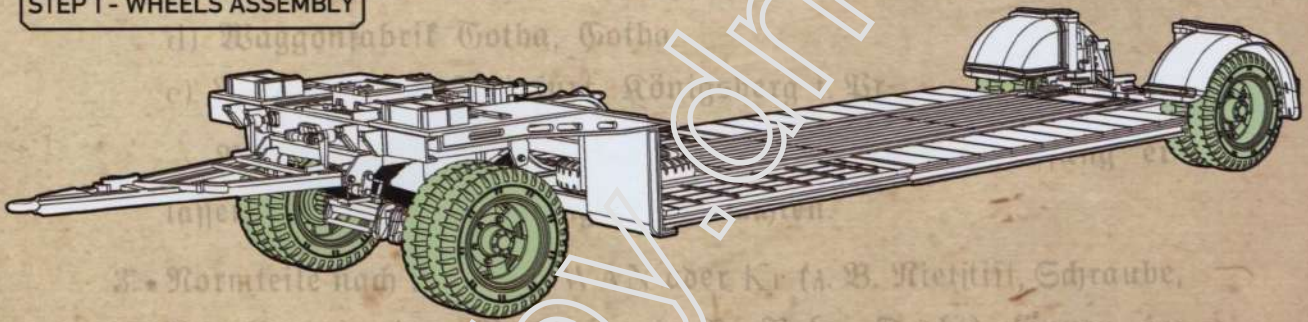
OPTION

check when completed →



SPRUE / PART NUMBER

STEP 1 - WHEELS ASSEMBLY



STEP 1.1 - OUTER WHEEL

X 4

REPEAT



STEP 1.2 - INNER WHEEL

X 4

REPEAT



STEP 1.3 - JOIN WHEELS

X 4

REPEAT



STEP 1.4 - COMPLETED

X 4

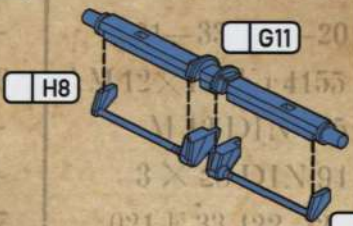
REPEAT



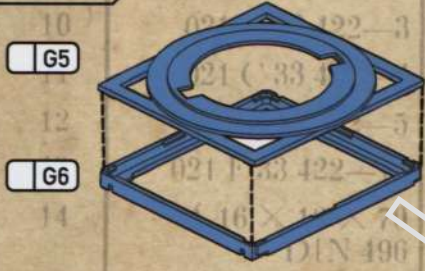
STEP 2 - FRONT AXLE ASSEMBLY

Bild-Nr.	Ersatzteil-Nr.	Benennung	Stückzahl je Gruppe	Bemerkung
1				
2			2	
3	021 F 33 422-18		4	
4	021-33 422-19	Federbündel	2	
5	M 12 X 110 DIN 931	Sechskantschraube	4	
	M 12 DIN 934	Sechskantmutter	4	zu Bild Nr. 5.
		Stütze	2	zu Bild Nr. 5
		Federstift	2	
		Kronenmutter	2	zu Bild Nr. 6
	3 X 3 DIN 91	Splint	2	zu Bild Nr. 6
7	021 F 33 422	zusammengesetzte Lagerbüchse	2	
8	021 E 33 422-12	Federbügel	4	
	021 B 33 422-2			
10	021 C 33 422-3	Bremstrommel	1	
12	021 G 33 422-5	Bremsradenträger	1	
	021 F 33 422-7	Buchse	2	
14	021 H 33 422-10	Stütze	2	
	021 D 33 422-11	Stütze	2	
15	021 I 33 422-13	Stütze	2	
16	021 J 33 422-14	Stütze	2	
	021 K 33 422-15	Stütze	2	
18	30 314 DIN 72	Regelrollenlager	2	
	021 L 33 422-16	Splint	2	
	021 M 33 422-17	Stütze	2	
	021 N 33 422-18	Stütze	2	
	021 O 33 422-19	Stütze	2	
	021 P 33 422-20	Stütze	2	
	021 Q 33 422-21	Stütze	2	
	021 R 33 422-22	Stütze	2	
	021 S 33 422-23	Stütze	2	
	021 T 33 422-24	Stütze	2	
	021 U 33 422-25	Stütze	2	
	021 V 33 422-26	Stütze	2	
	021 W 33 422-27	Stütze	2	
	021 X 33 422-28	Stütze	2	
	021 Y 33 422-29	Stütze	2	
	021 Z 33 422-30	Stütze	2	
24	M 18 DIN 720	Regelrollenlager	2	
25	021 AA 33 422 U 2	Bundschraube	20	
26	M 20 DIN 934	Sechskantmutter	20	
27	021 AB 33 422-16	Kugelfederring	20	
28	021 AC 33 422 U 3	Hutmutter	20	
29	A 16 Kr 1411	Druckschmierkopf	2	
30	M 18 DIN 935	Kronenmutter	8	
31	M 10 DIN 91	Splint	8	

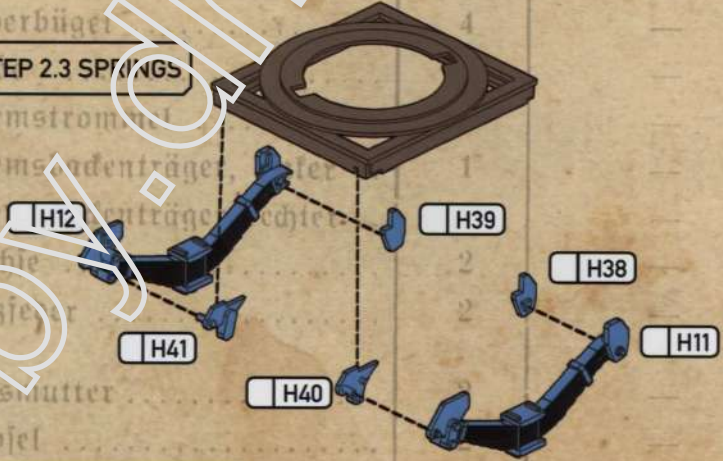
STEP 2.1 AXLE



STEP 2.2 FRAME



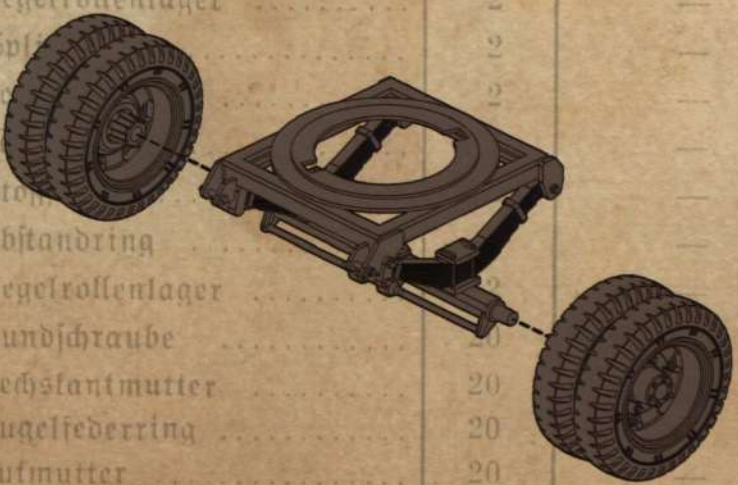
STEP 2.3 SPRINGS



STEP 2.4 ADD AXLE



STEP 2.5 ADD WHEELS



STEP 2.6 ADD TOW BAR

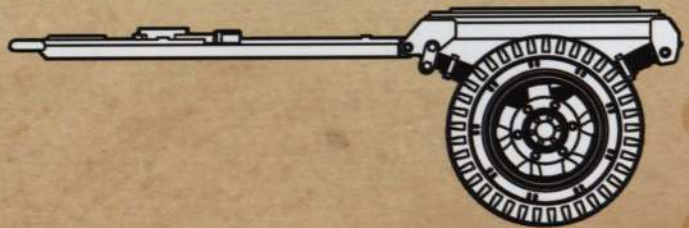
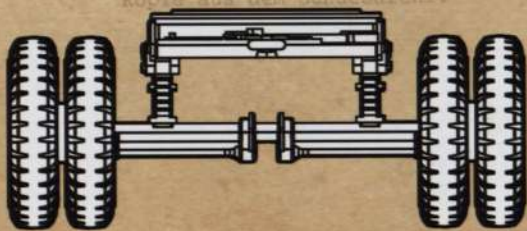
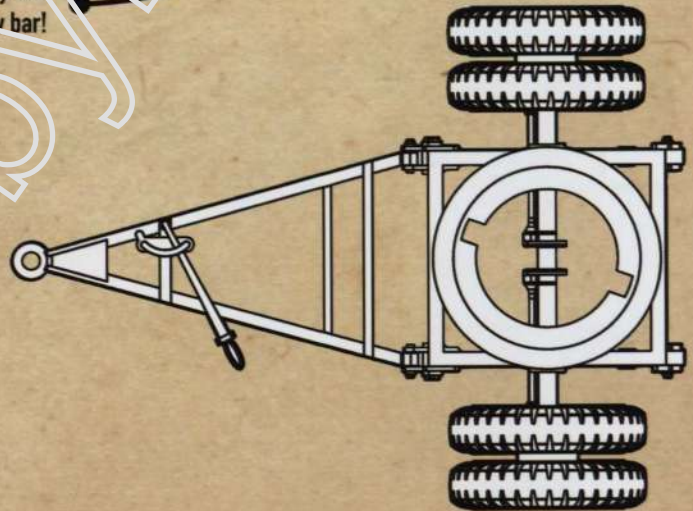
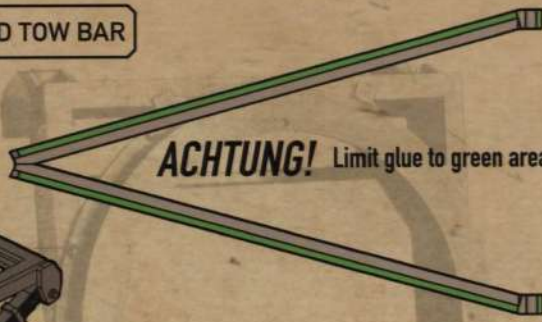
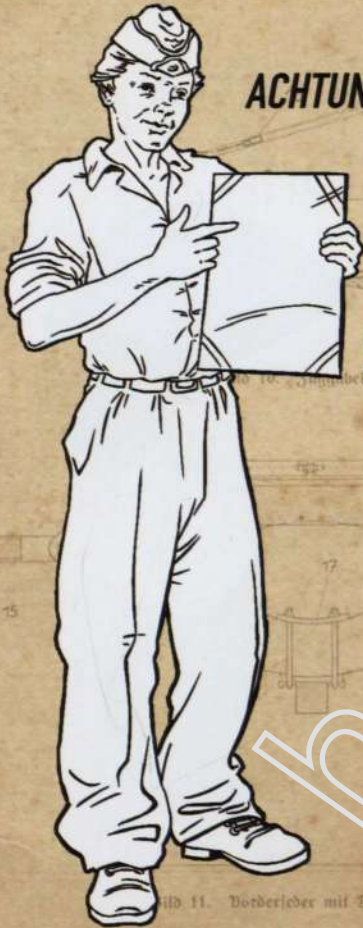
G7

G8

ACHTUNG! Limit glue to green areas!

ACHTUNG!

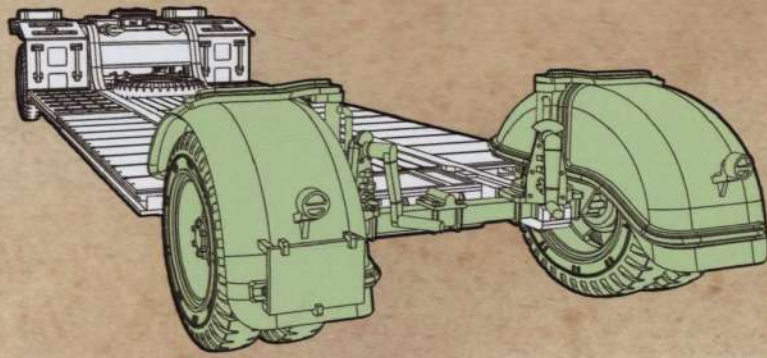
NOTE: Careful assembly will result in a movable tow bar!



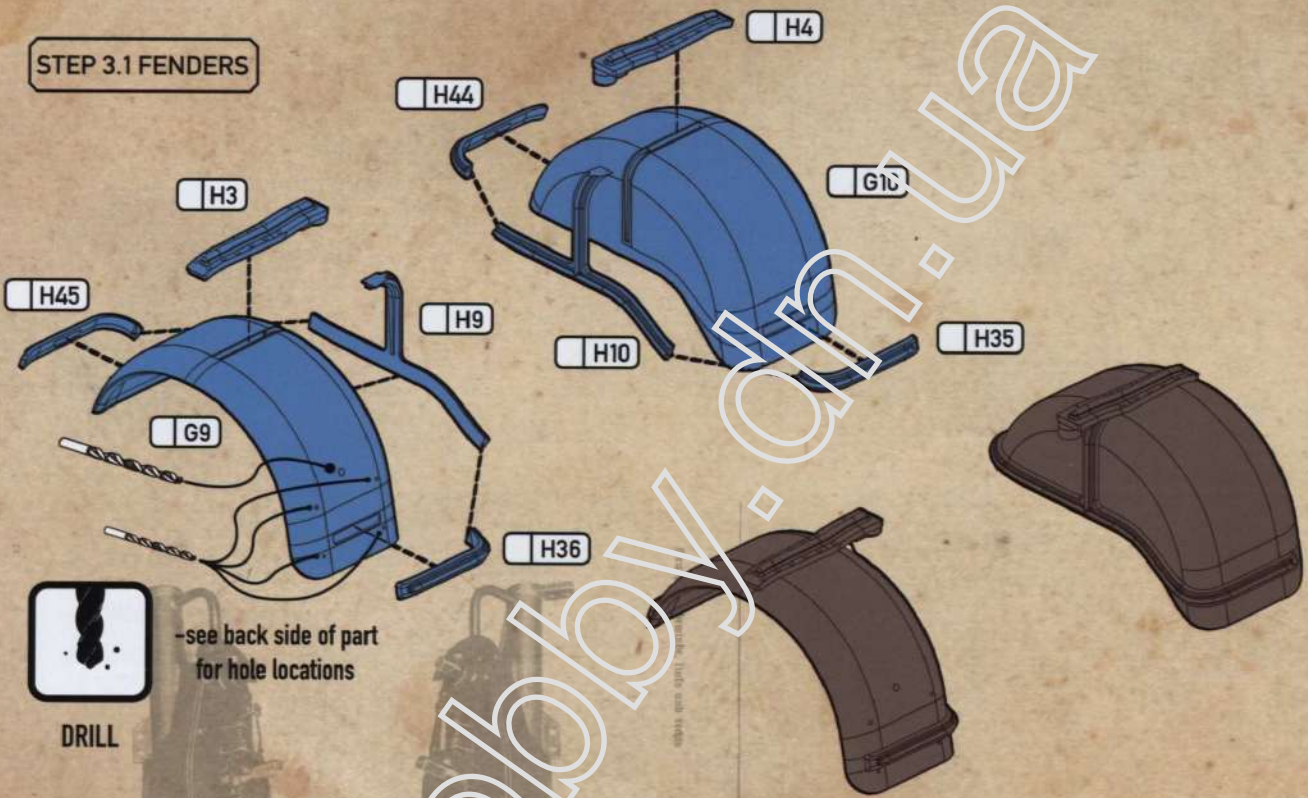
Ab 11. Vorderseiter mit Dachgestell.

Kopie aus dem Bundesarchiv

STEP 3 - REAR AXLE ASSEMBLY



STEP 3.1 FENDERS



-see back side of part
for hole locations

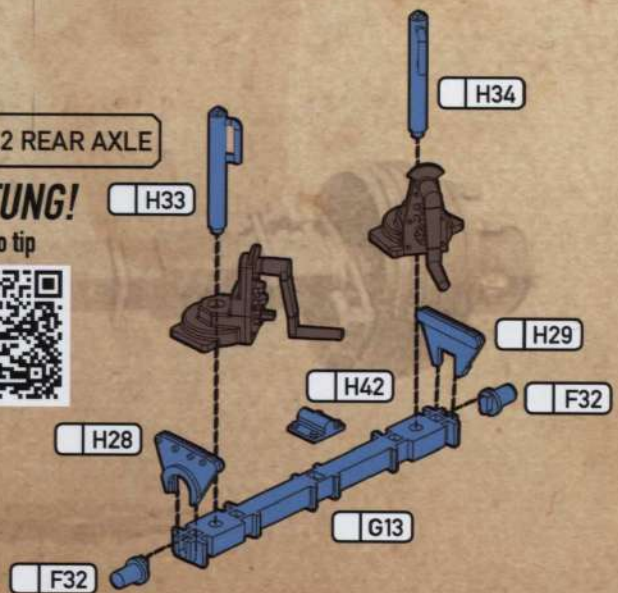
DRILL

STEP 3.2 JACKS

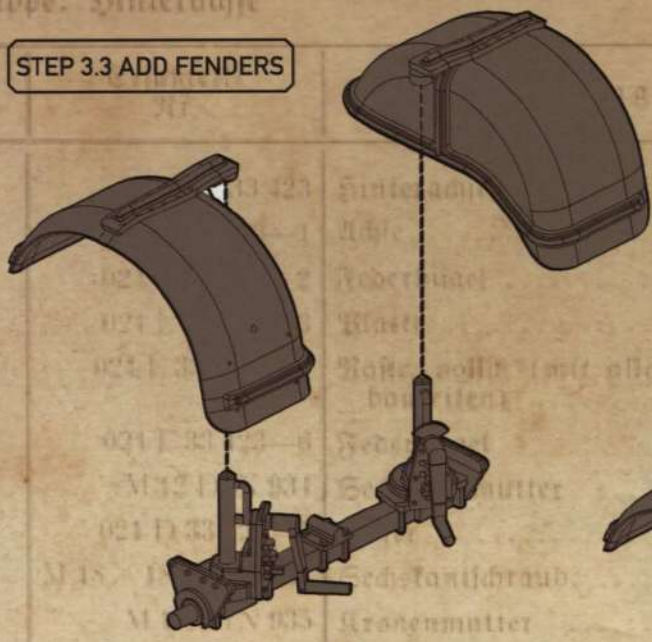


STEP 3.2 REAR AXLE

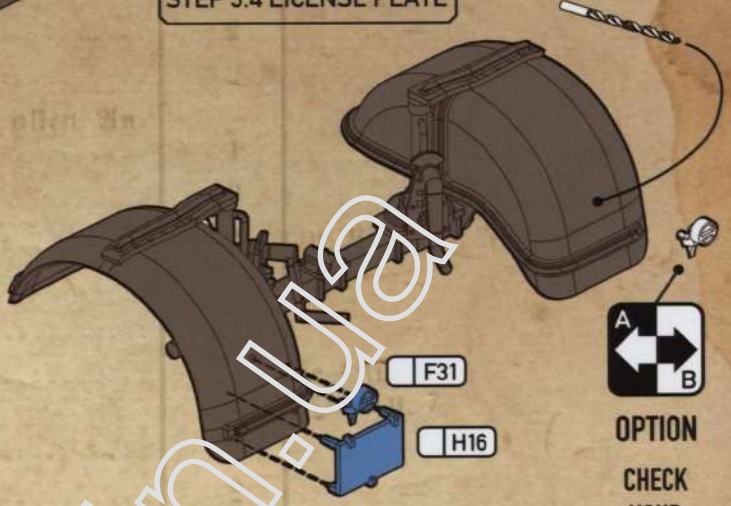
ACHTUNG!
video tip



STEP 3.3 ADD FENDERS



STEP 3.4 LICENSE PLATE

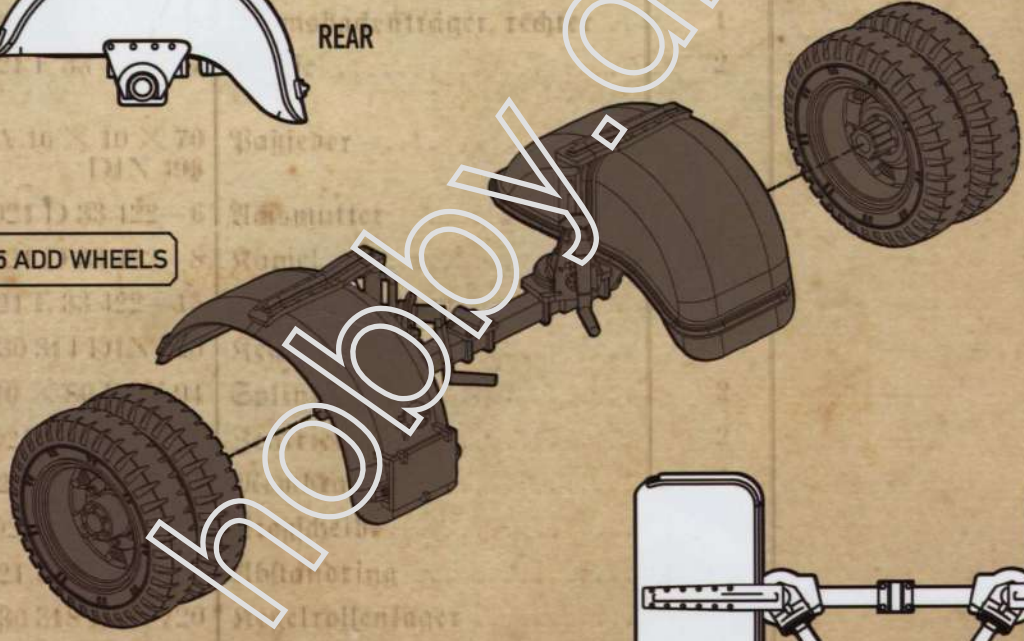


ACHTUNG!

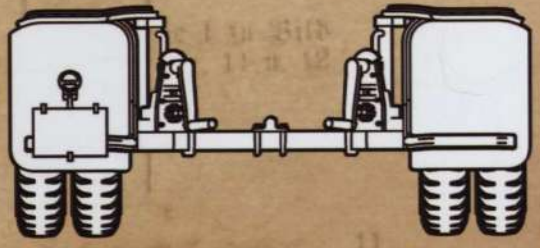
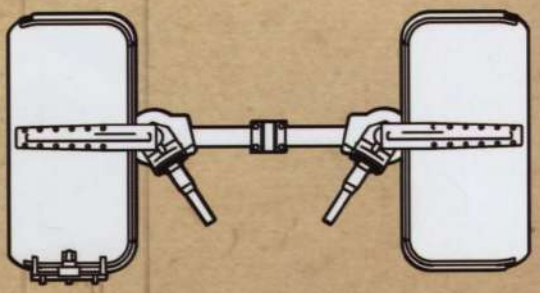


OPTION
CHECK YOUR REFERENCES!
see back side of part for hole location

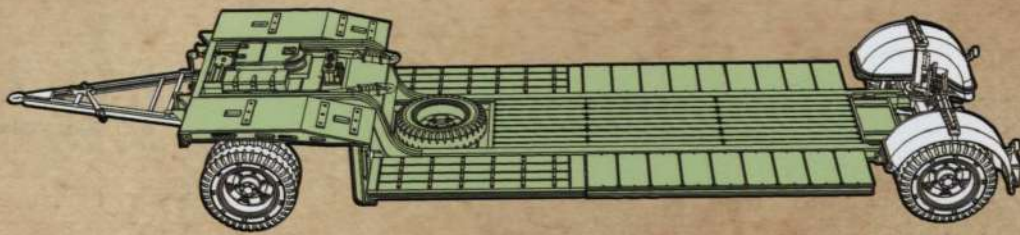
STEP 3.5 ADD WHEELS



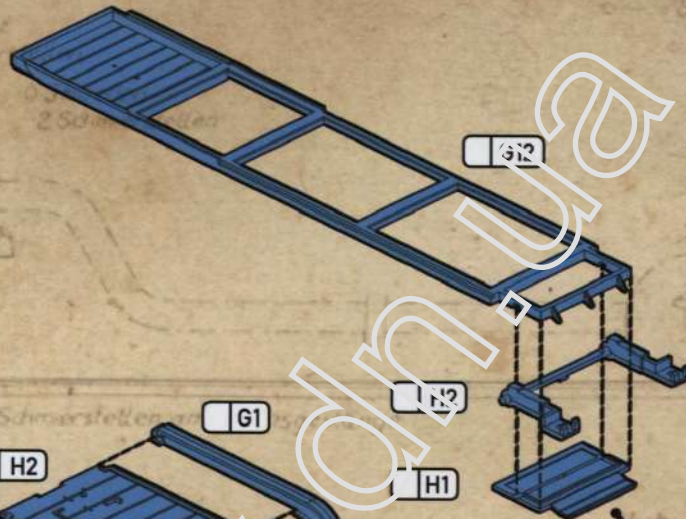
FRONT



STEP 4 - PLATFORM ASSEMBLY



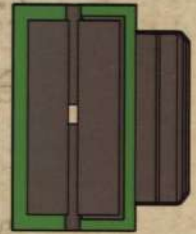
STEP 4.1 - FRAME REAR



ACHTUNG!

NOTE: Careful assembly will result in "FLOATING" rear axle.

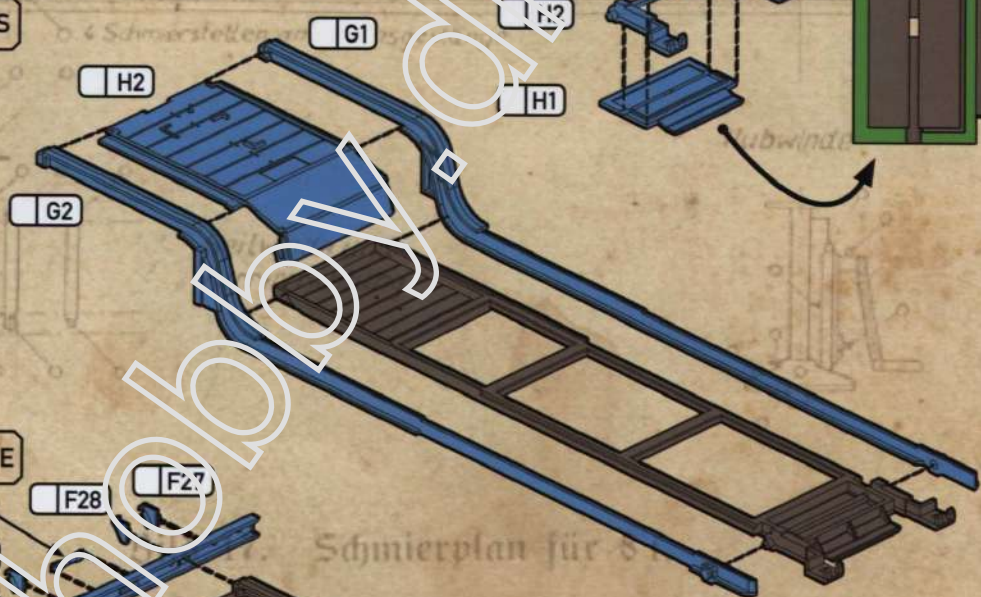
Limit glue to green areas



STEP 4.2 - FRAME SIDES

ACHTUNG!

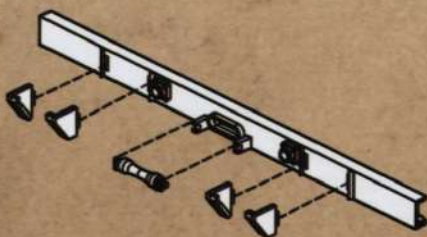
video tip



STEP 4.3 - FRONT FRAME



FRONT FRAME DETAILS



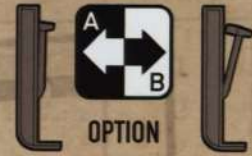
STEP 4.4 - SIDE VERTICALS

X 2

ACHTUNG!
video tip

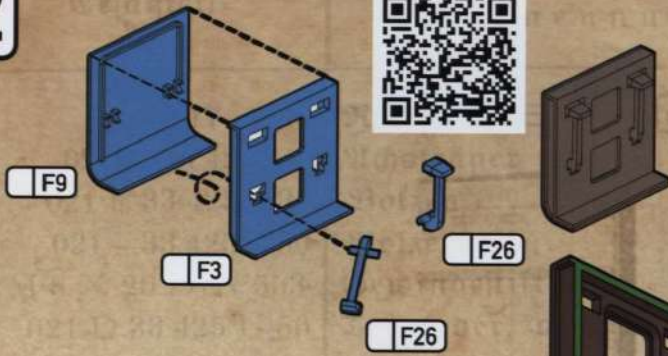


ACHTUNG!



OPTION

stowed ramps raised ramps

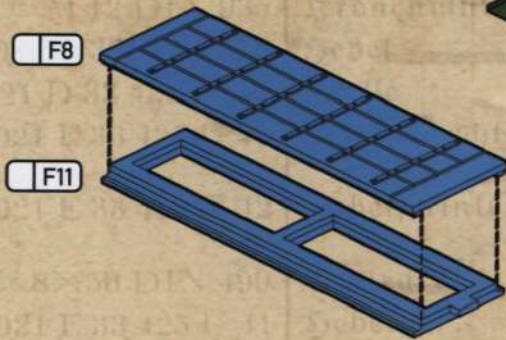


NOTE: Careful assembly will result in movable support arms

Limit glue to green areas!

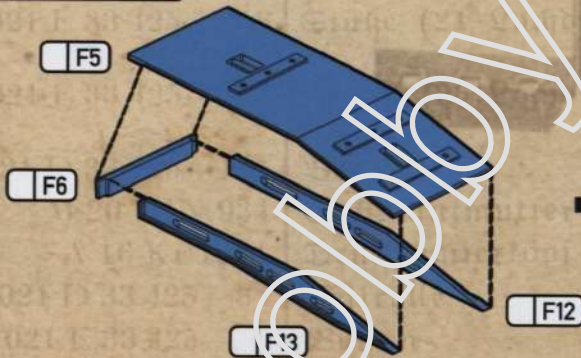
STEP 4.5 - LOWER RAMPS

X 2



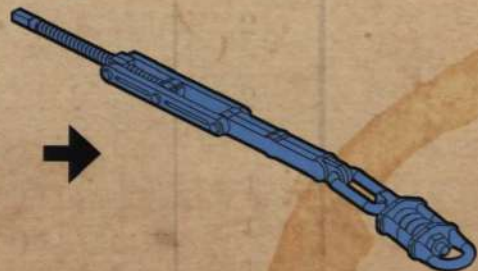
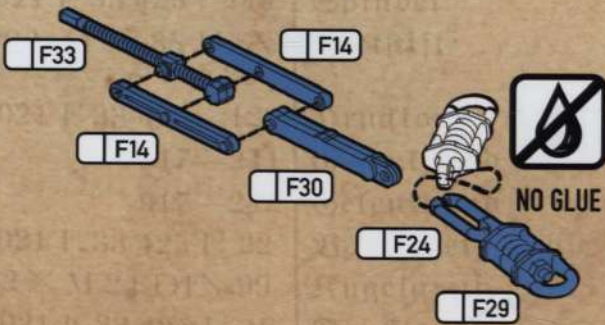
STEP 4.6 - UPPER RAMPS

X 2



STEP 4.7 - TOW TENSIONERS

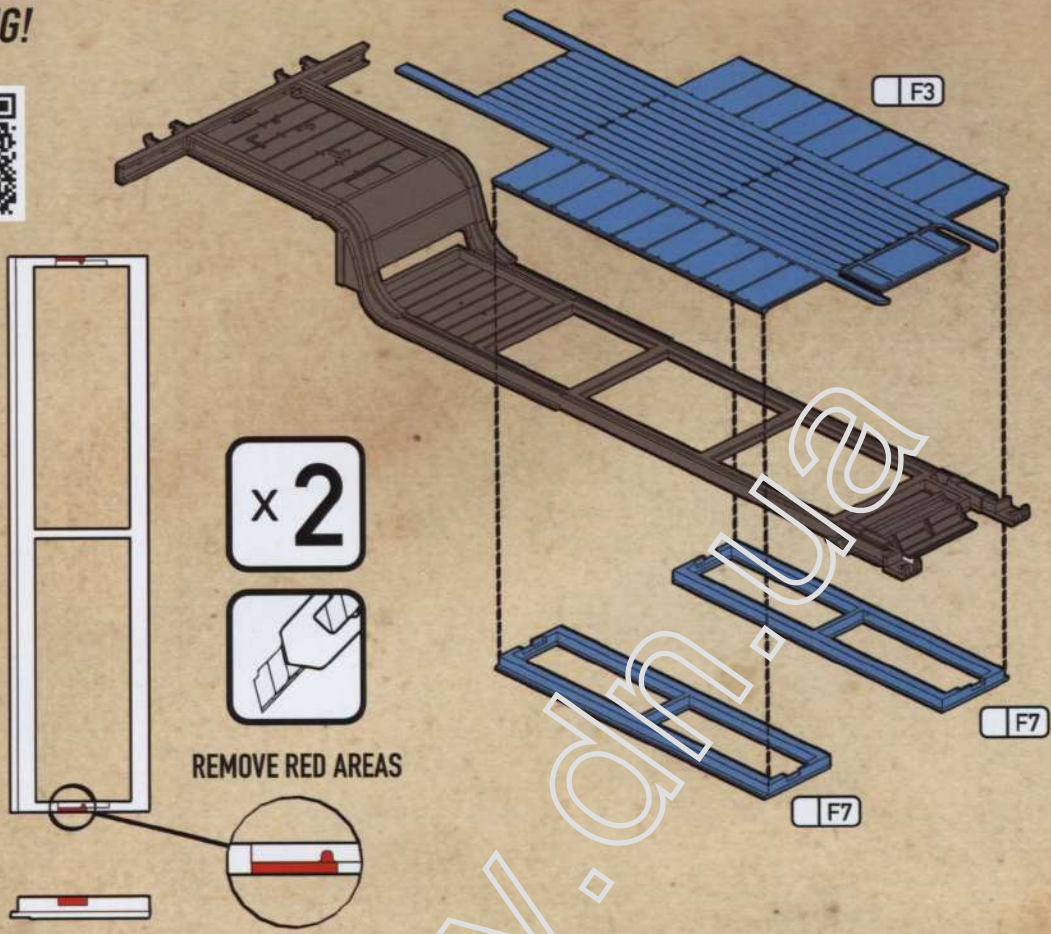
X 2



STEP 4.8 - ADD MAIN DECK

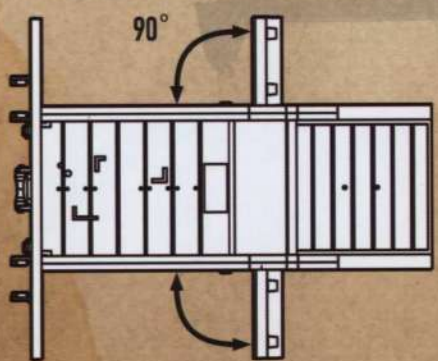
ACHTUNG!

video tip



STEP 4.9 - ADD SIDE VERTICALS

ACHTUNG!



Source: Schmin

Seite 8

STEP 4.10 - ADD UPPER RAMPS

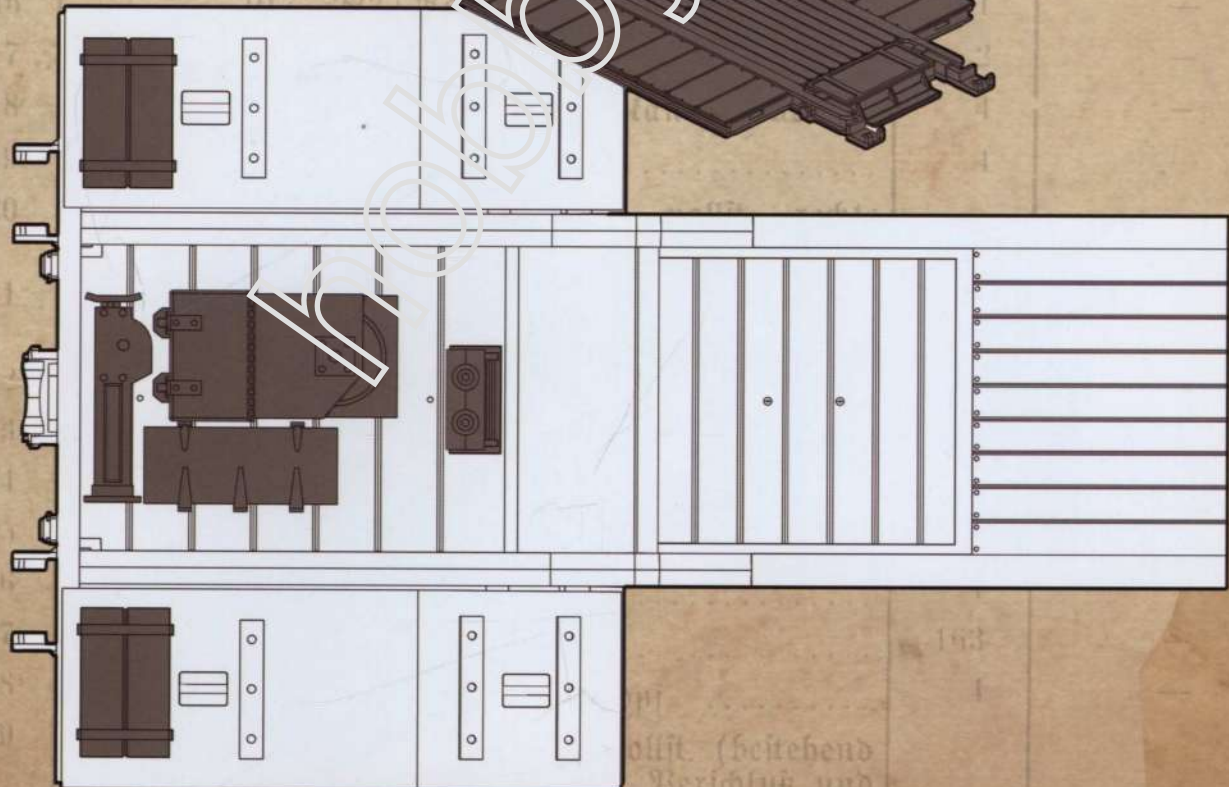
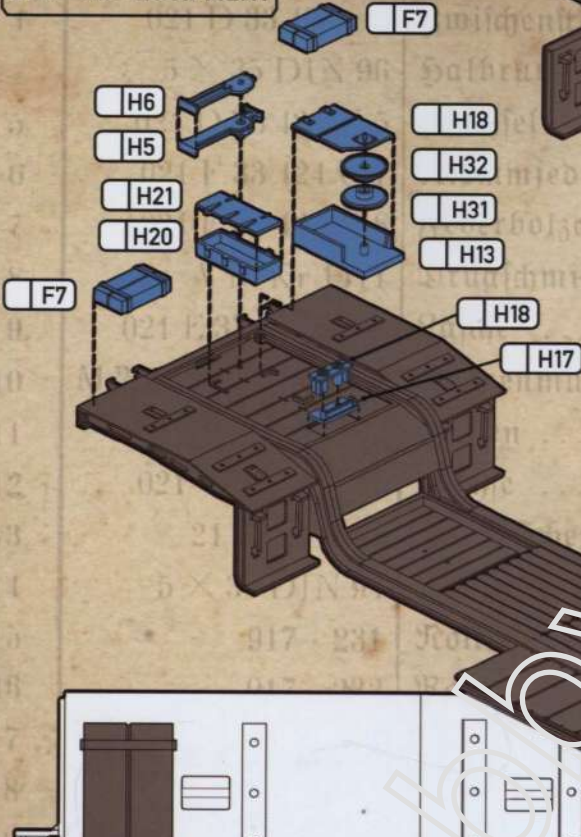


OPTION NO GLUE

ACHTUNG!

NOTE: RAMPS CAN BE PLACED WITHOUT GLUING AND POSITIONED LATER FOR DIORAMA USE

STEP 4.11 - EQUIPMENT



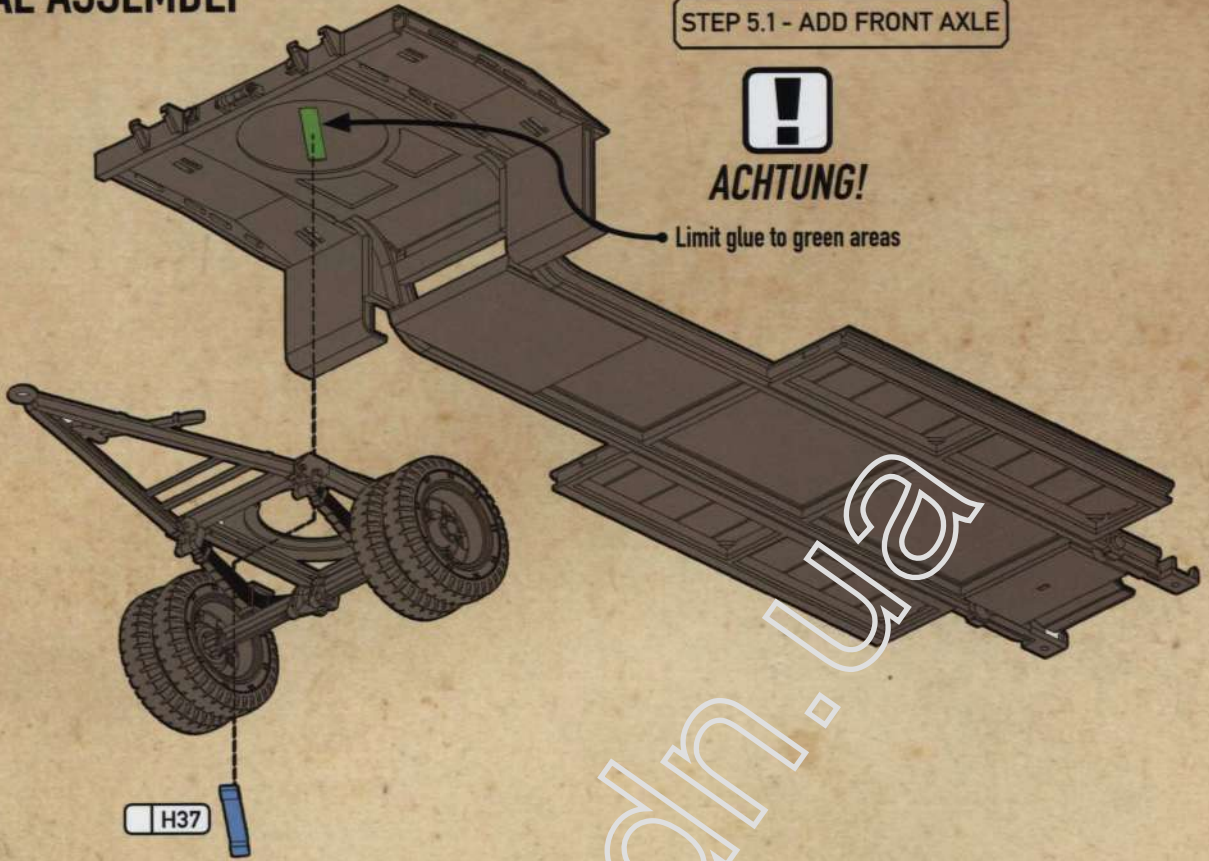
FINAL ASSEMBLY

STEP 5.1 - ADD FRONT AXLE



ACHTUNG!

• Limit glue to green areas



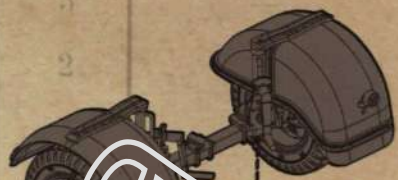
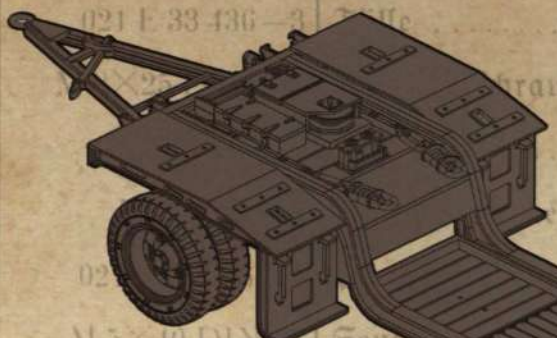
H37

STEP 5.2 - ADD TOW TENSIONERS

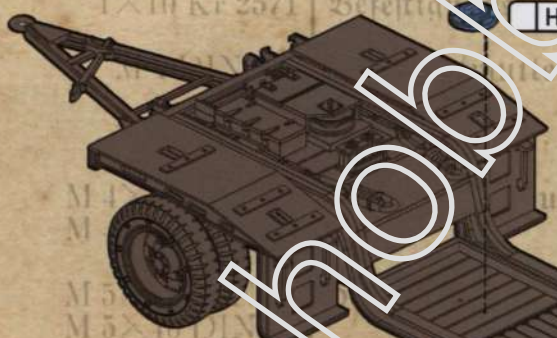


STEP 5.3 - ADD REAR AXLE

Nr.	Ersteil-Nr.	Benennung	Stückzahl Gr. Gruppe	Bemerkung
1	3,2 HgN 25 021	Steuerfabel	1	
2	021 E 33 436 - 3		5	
3		Schraube	2	
4				
5				
6	021 E 33 436 - 3		5	
7	M 5 x 40 DIN	Schraube		
8	5,3 DIN 127	Federling		
9	M 5 DIN 934	Sechskantmutter		
10	HgN 25 020	Stechbohle		
11	12 V 15 W Kr 2661	Halbleucht-Lampenlampe	2	
12	12 V 5 W Kr 2601	Goff-Lampe		
13		Schluß	2	
14	1 x 10 Kr 2571	Beleuchtung	31	
15			31	
16			31	
17	M 4	Röhre	30	Länge nach Bedarf bestellen
18	M 5		20	Länge nach Bedarf bestellen
19	5,3 DIN 127	Federling		
20	M 5 DIN 934	Sechskantmutter		
21	1 x 15 Kr 2571	Befestigungsschelle		
22	21 D 3599 - 87	Abblendtape		



STEP 5.4 - ADD SPARE TIRE

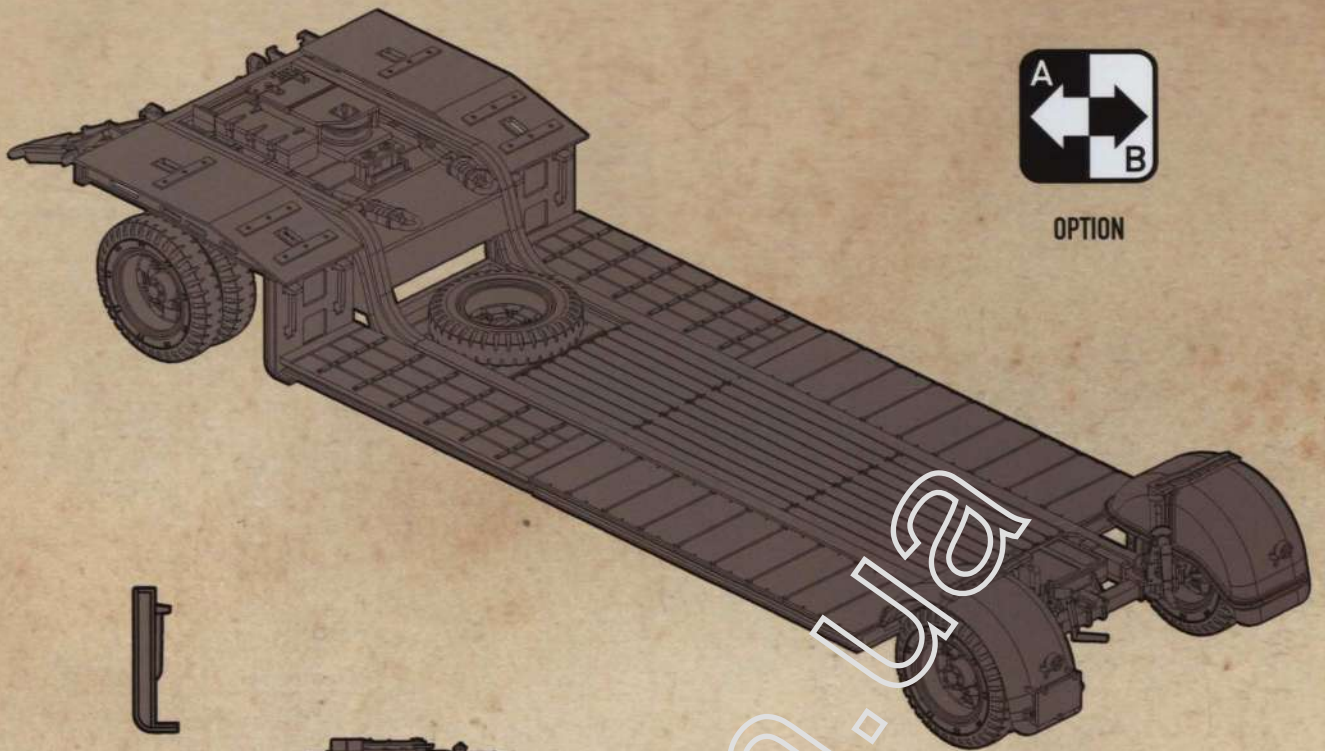


NO GLUE

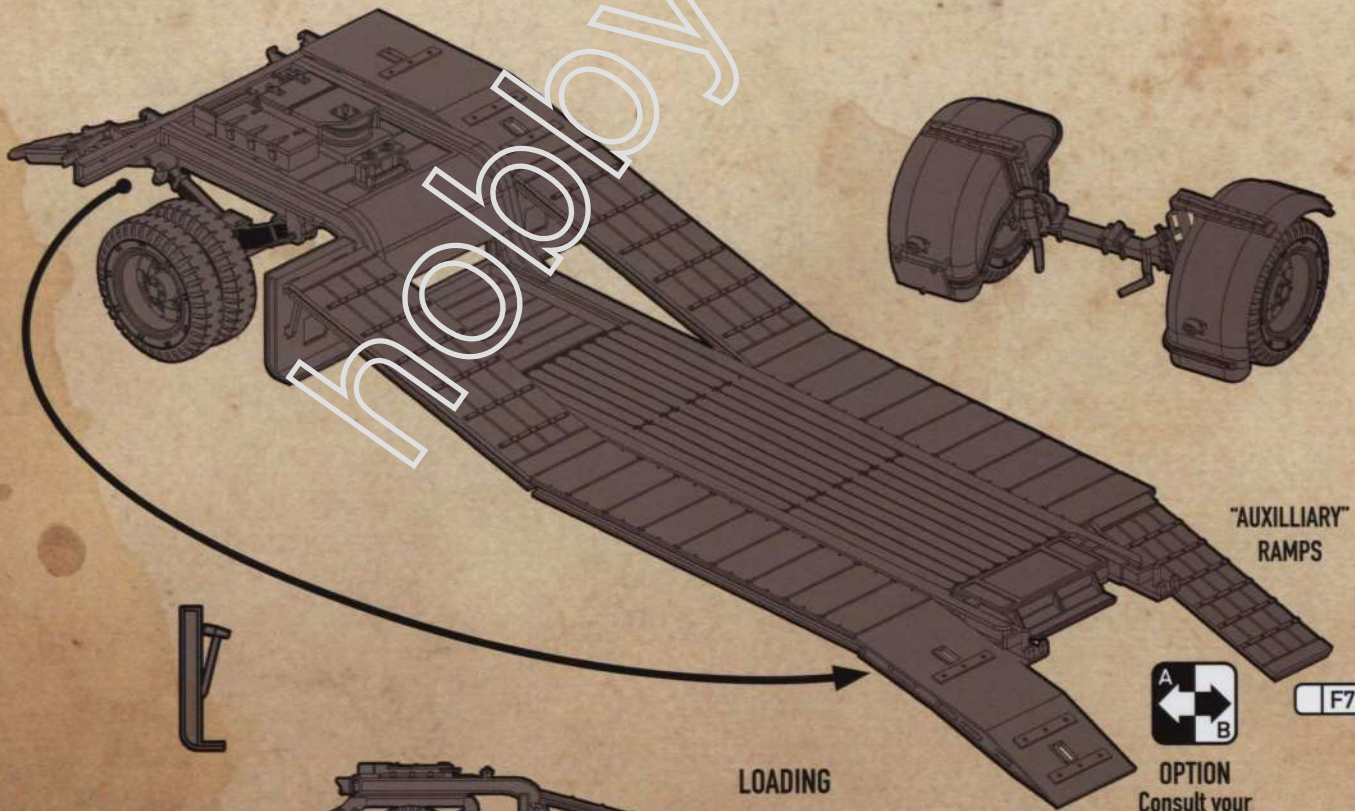
Robinson



OPTION



TRANSPORT



"AUXILLIARY"
RAMPS

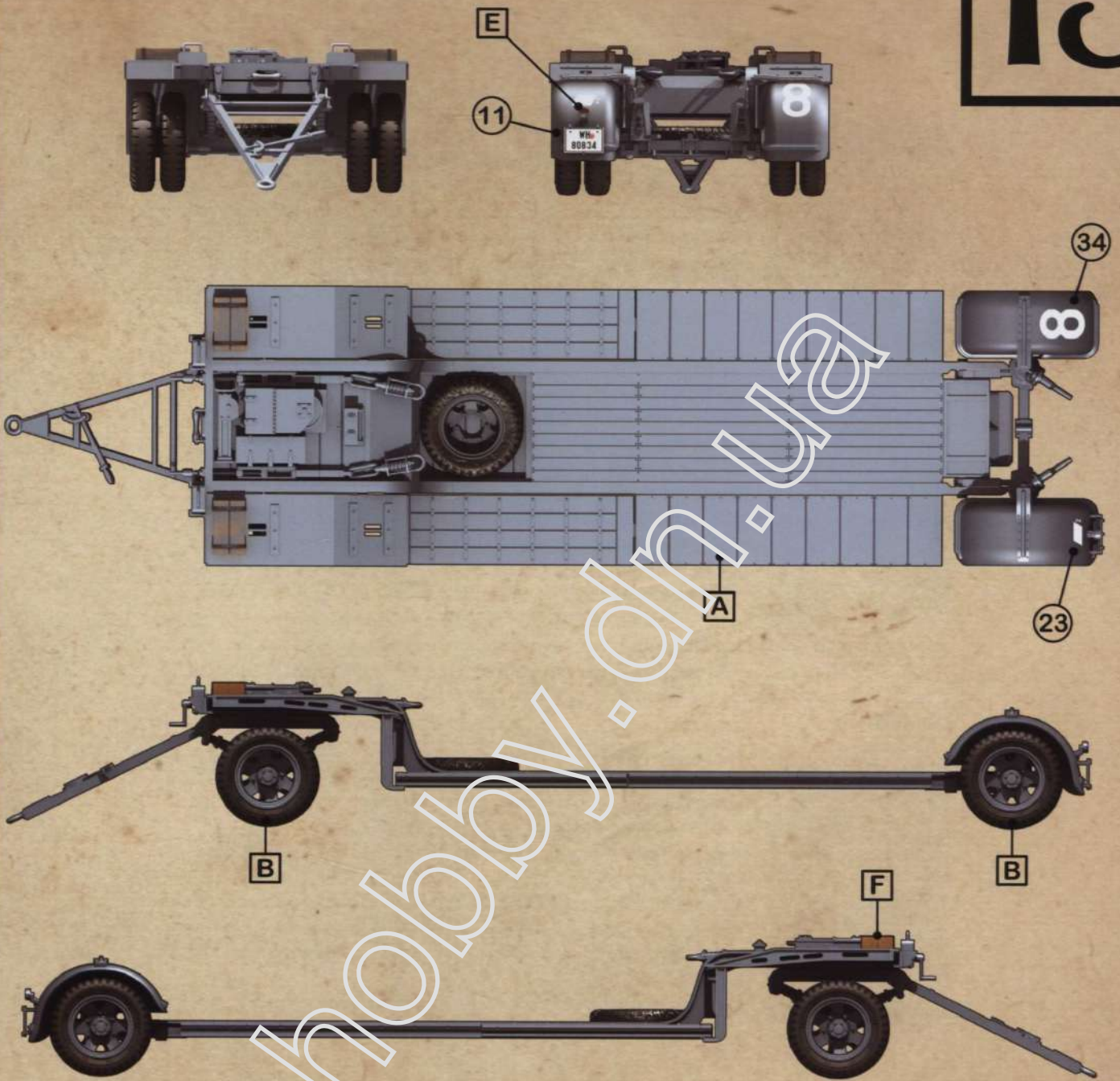


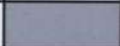
LOADING



OPTION
Consult your
references

F7



		COLOR	RAL	Tamiya	Mr Hobby H-series	AMMO of Mig	Vallejo	Humbrol	Mission Models
A		German Gray	7021	XF63H	H0328	008	70.8621	82	MMP-014
B		Rubber	-	XF85	H0773	033	70.8558	5	MMP-040
C		Matte Black	9011X	XF1	H012	0046	70.9503	3	MMP-047
D		Matte White	9003X	XF2	H0115	0050	70.9513	4	MMP-002
E		Transparent Red	3001X	X27	H090	0093	70.9341	9	MMP-003
F		Wood	8011	XF68	H463	0064	70.846	110	MMO-123