



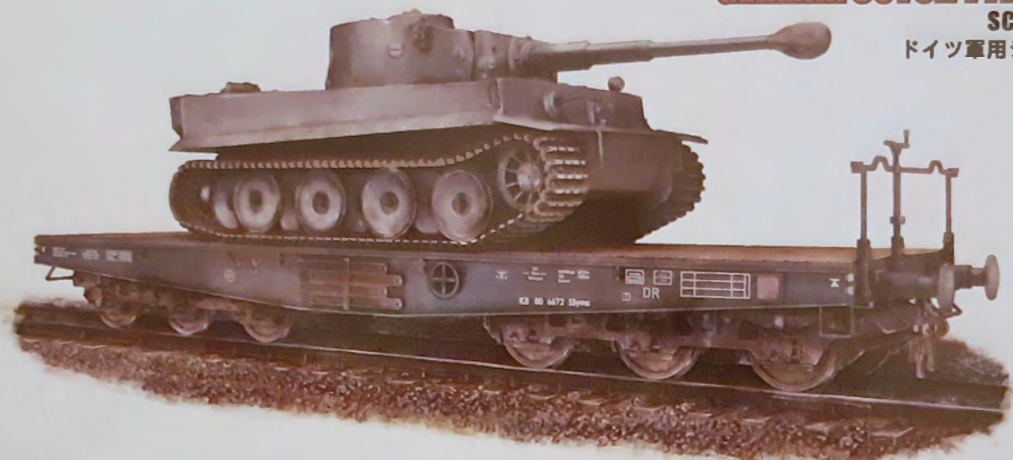
T-MODEL  
TK 3501

# GERMAN 80TON TYPESSYMS FLATCAR

SCHWERER PLATFORMWAGEN

ドイツ軍用シムス80ケトン大型平台貨車

德國80噸SSYMS平板運輸車

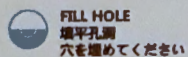
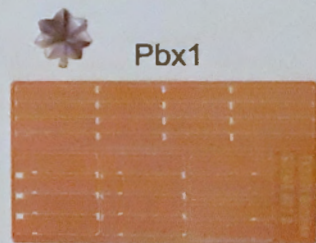
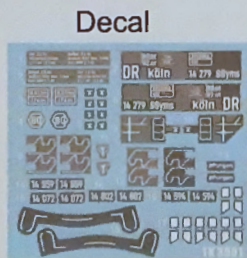
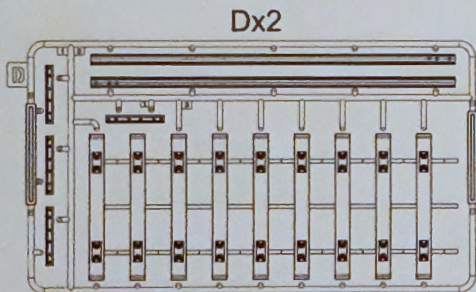
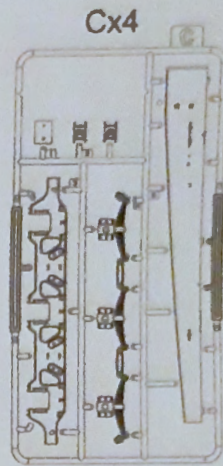
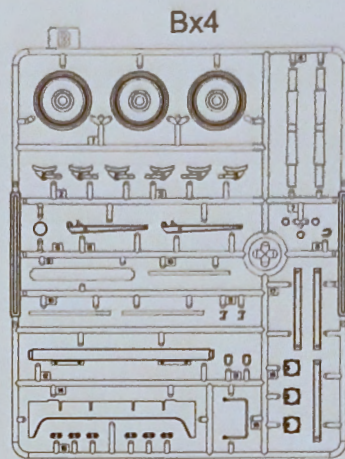
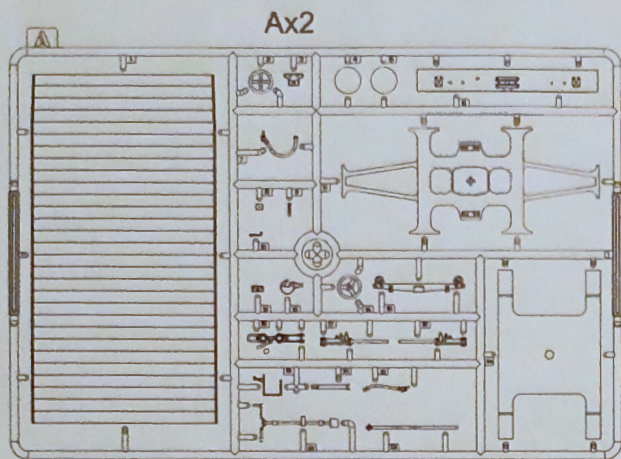


Germany has maintained a well-developed railway network since the late 19th century. This railway network had supported Prussian and German operations since the Pruden War (1864) and even the German General staff had taken railway capacity into account in planning many campaigns. By the time of World War II, in addition to troops and basic logistics, German railways had to transport all kinds of large-scale military equipment, especially the armored units that served as the main force in the blitz and later defensive operations. It can be said that the domestic and occupied areas of the railway during World War II Germany is the basic guarantee of logistics and combat effectiveness. At the end of the war, the Allied bombardment destroyed all the railways in Germany, and the defeat of the German army was inevitable. In this sense, the German armored units of the railway transport is the basic premise of its combat effectiveness.

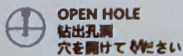
During World War II, the standard flat trains common in the German army were roughly divided into three categories: light (under 30 tons) two-axle railway wagons; 40-50 ton TSSys four-axle flat trains; and 80-ton SSYms six-axle flat trains. Generally speaking, during World War II, the bearing weight of railway wagons was about 15 tons, and the Ommr bearing capacity of those two axles was 30 tons. The four-axis SSys load is 60 tons (50 tons is the upper limit), the six-axis SSYms load is 90 tons (80 tons is the upper limit), can carry 56 tons of TIGER, 72 tons of KING TIGER, 78 tons of ELEPHANT.

德意志地區從19世紀後期開始就壹直保有發達的鐵路網絡。這個鐵路網絡從普丹戰爭（1864年）開始就壹直支撐著普魯士和德國的戰爭行動，甚至德軍總參謀部在謀劃許多戰役時，都要把鐵路運力作為相當重要的考慮因素。到了二次大戰的時候，除了兵員和基本的後勤之外，德國鐵路還要承擔各種大型化軍事裝備的運輸，尤其是作為閃擊戰和後期防禦戰主力的裝甲部隊。可以說，國內和占領區的鐵路是二戰期間德國後勤和戰鬥力的基本保證。到了戰爭後期，盟軍的狂轟濫炸把德國境內的鐵路破壞殆盡，德軍的失敗也就不可避免。從這個意義上講，德軍裝甲部隊的鐵路運輸是其戰鬥力發揮的基本前提。

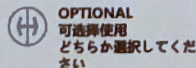
二戰期間，德軍常見的標準化平板列車大概分為三類：輕型（30噸以下）的兩軸鐵路貨車；40-50噸級別的SSys四軸平板列車；還有80噸級別的SSYms六軸平板列車。壹般而言二戰時期鐵路貨車的軸承重大概是15噸左右，那兩軸的Ommr承重是30噸，四軸的SSys承重是60噸（壹般裝50噸是上限），六軸的SSYms承重是90噸（壹般裝80噸是上限），可以運載56噸的虎式，72噸的虎王，78噸的象式。



FILL HOLE  
埋平孔  
穴を埋めてください



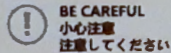
OPEN HOLE  
貼出孔  
穴を開けてください



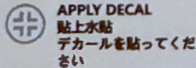
OPTIONAL  
可选项使用  
どちらか選択してください



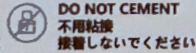
REMOVE  
切除  
切り取ってください



BE CAREFUL  
小心注意  
注意してください



APPLY DECAL  
貼上水貼  
デカールを貼ってください



DO NOT CEMENT  
不用粘接  
接着しないでください



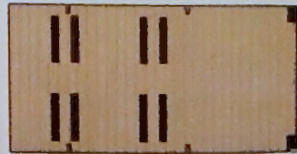
INSTANT GLUE  
速干接  
瞬間接着剤

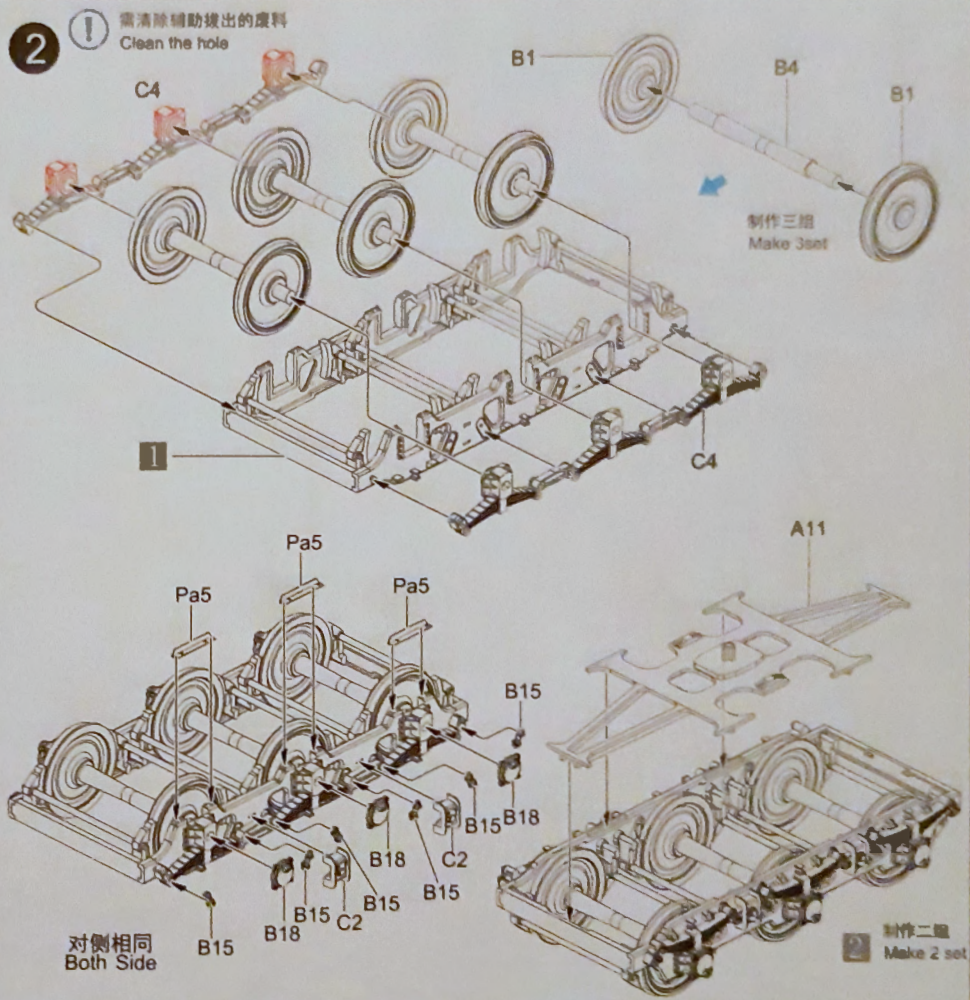
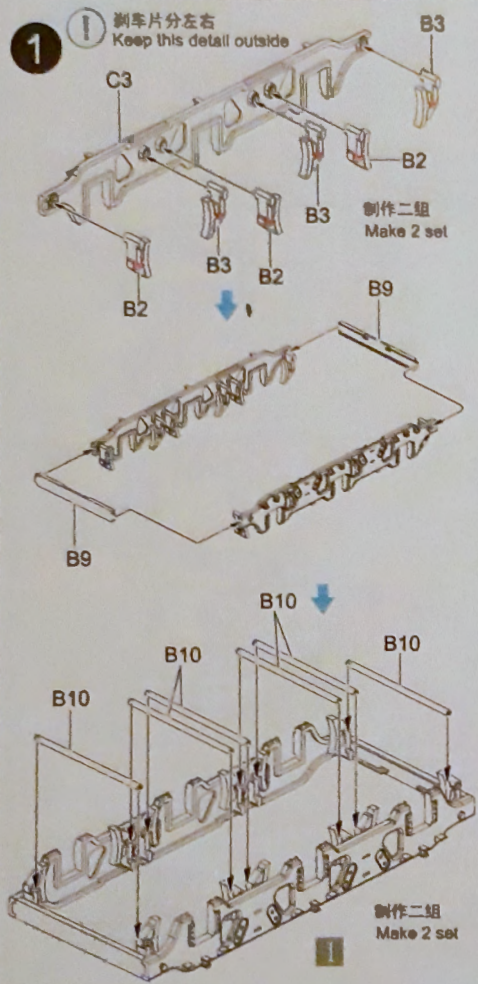


Wbx4

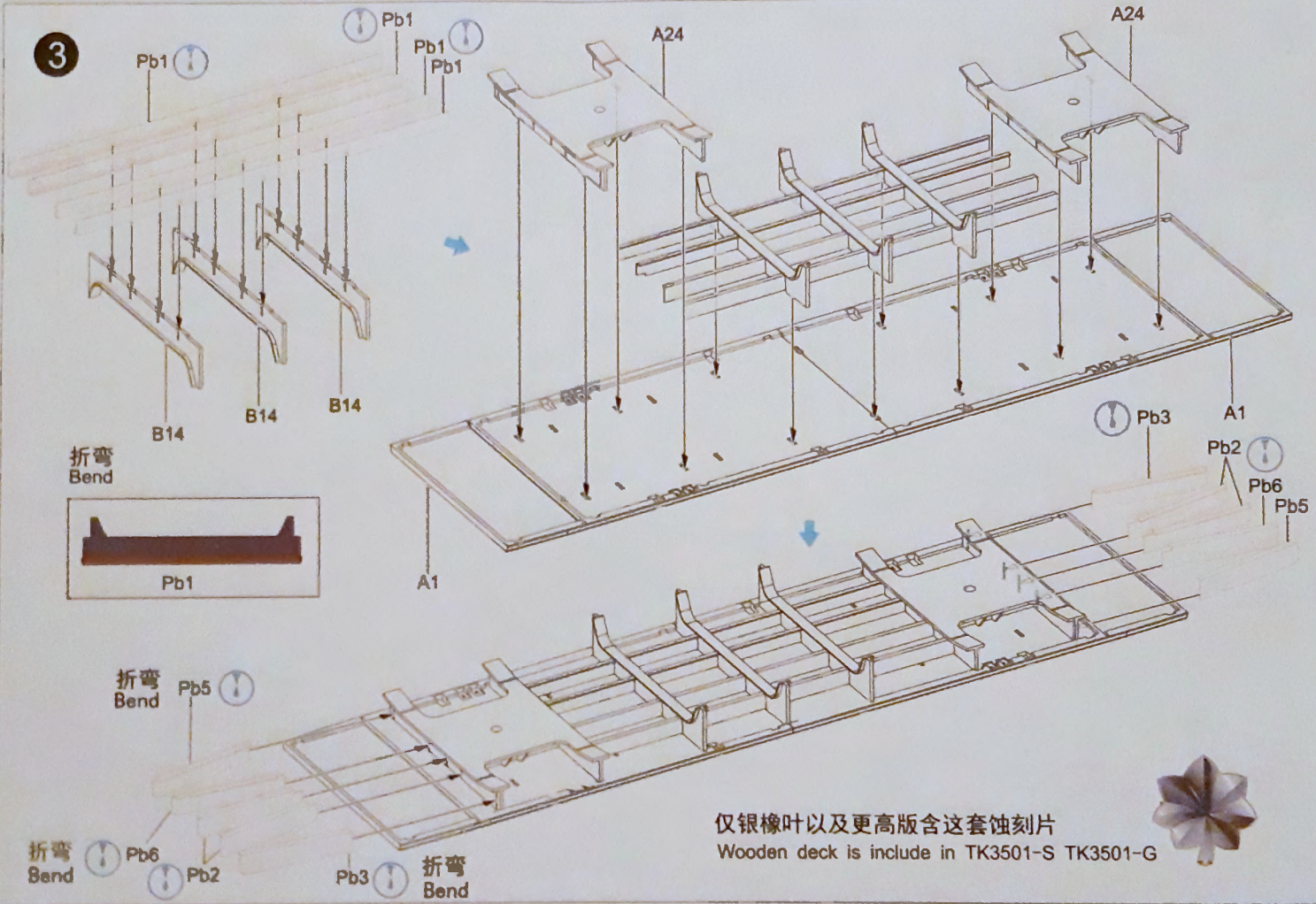


Wax2





3

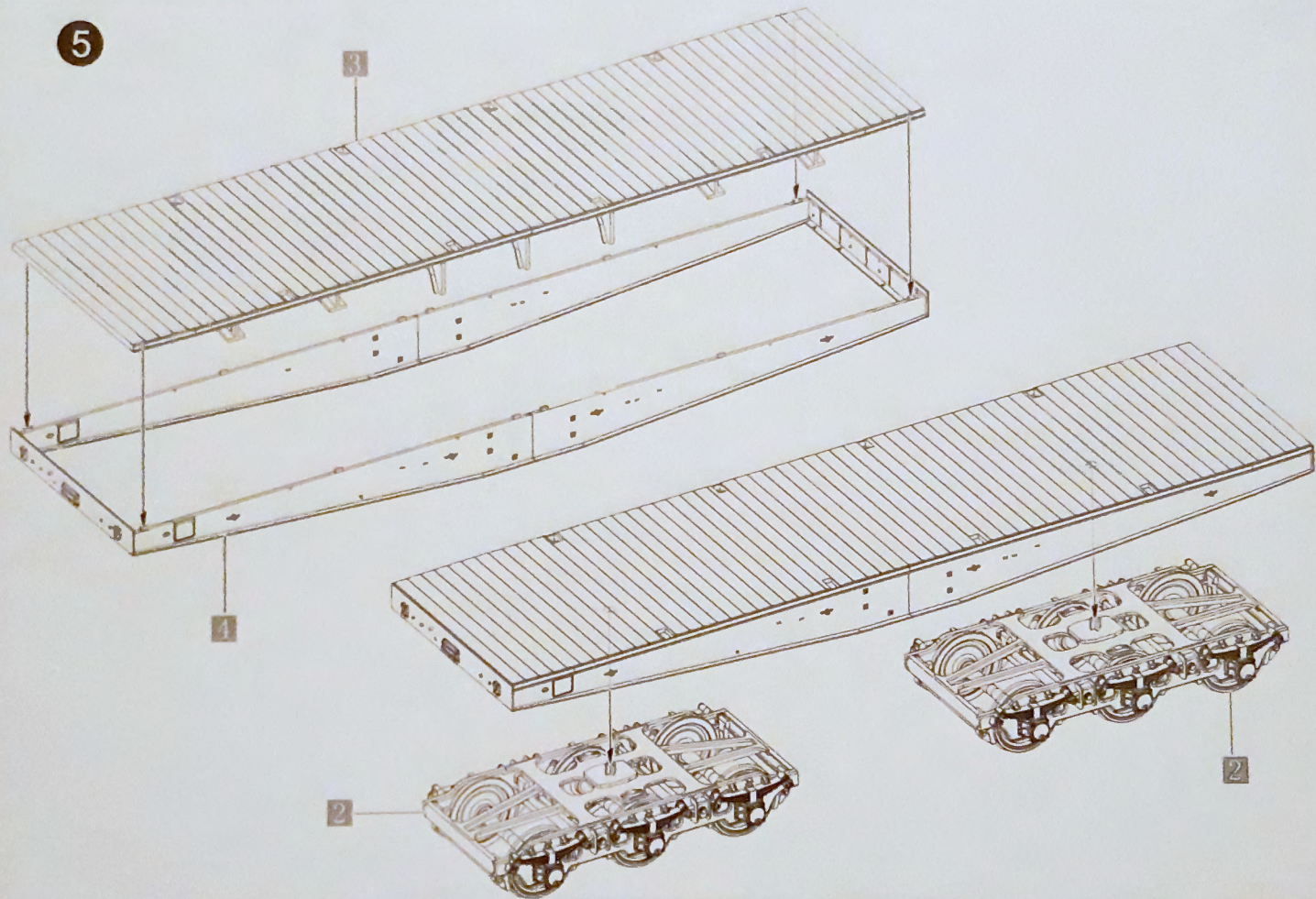


仅银橡木以及更高版含这套蚀刻片  
Wooden deck is include in TK3501-S TK3501-G



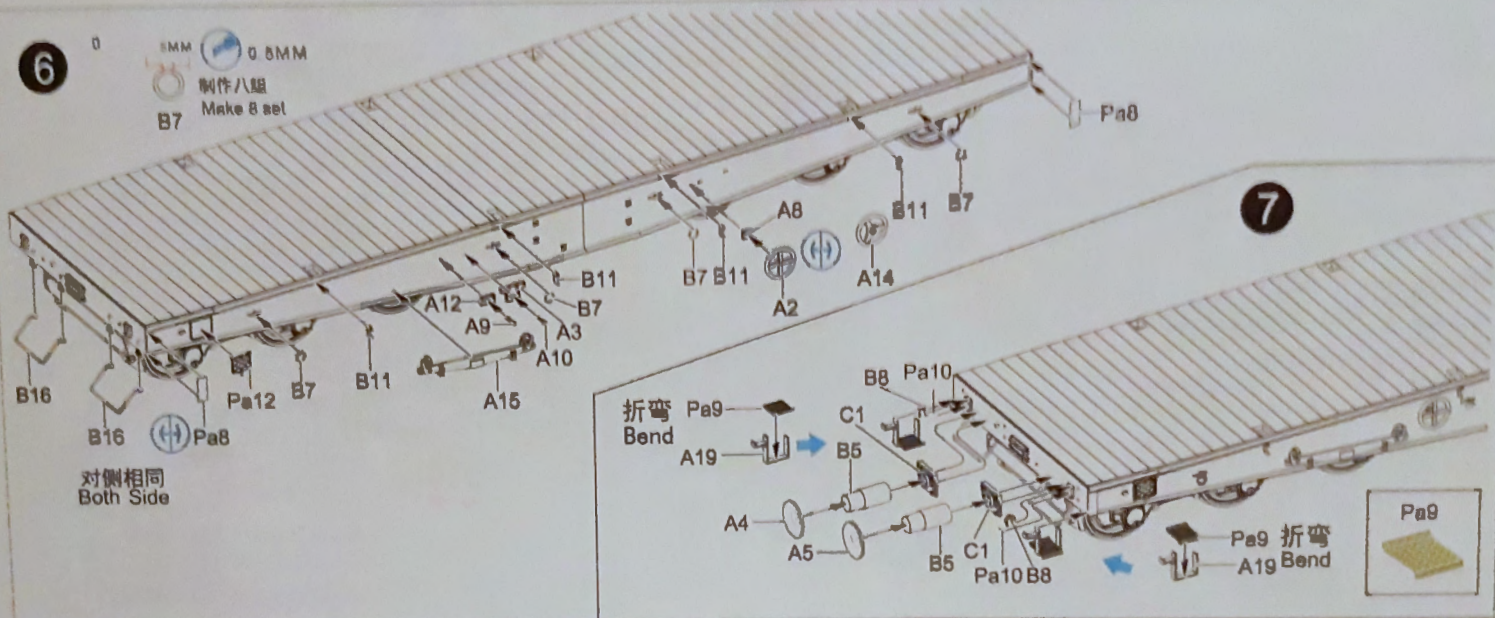


5



6

5MM 0.5MM  
 制作八组  
 Make 8 set  
 B7



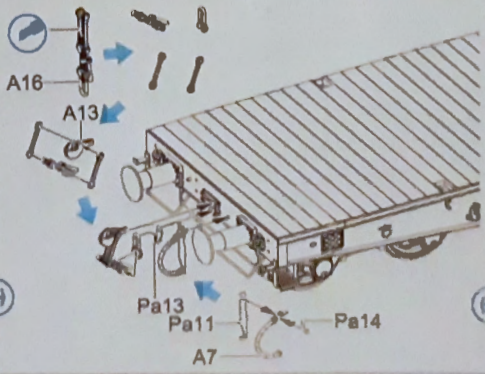
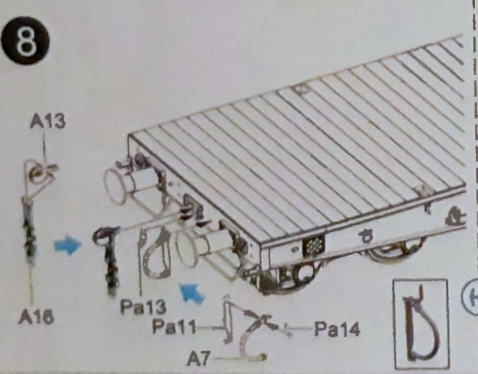
对侧相同  
 Both Side

7

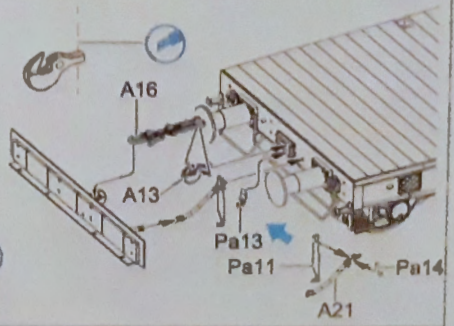
折弯  
 Bend

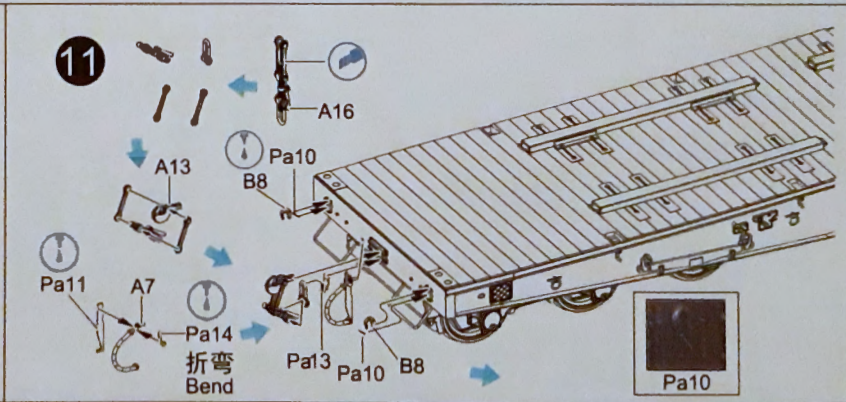
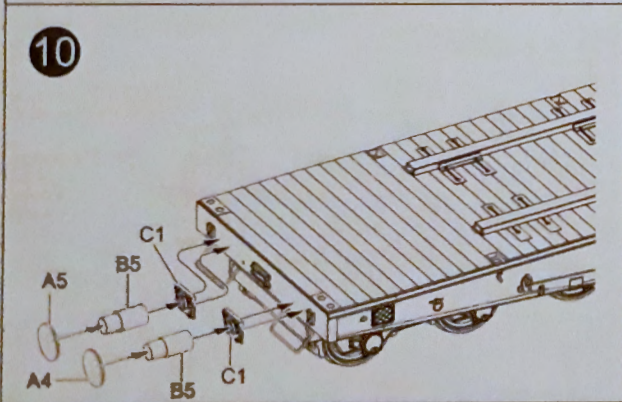
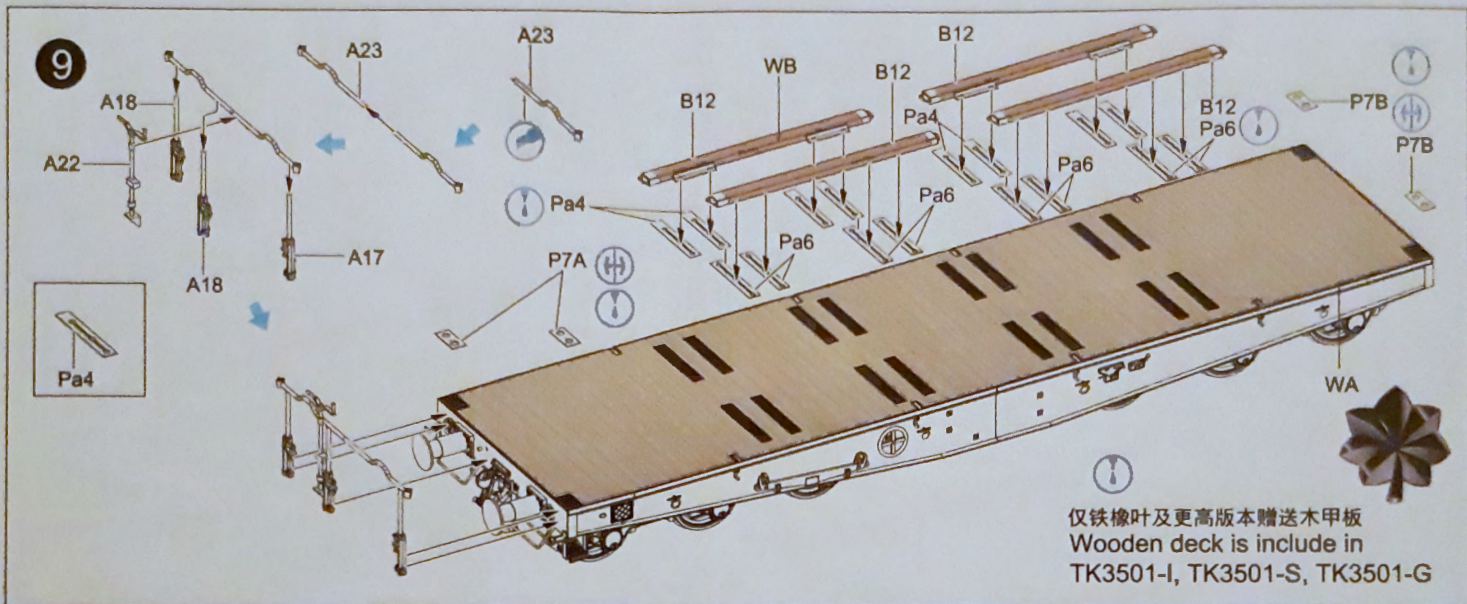
Pa9

8



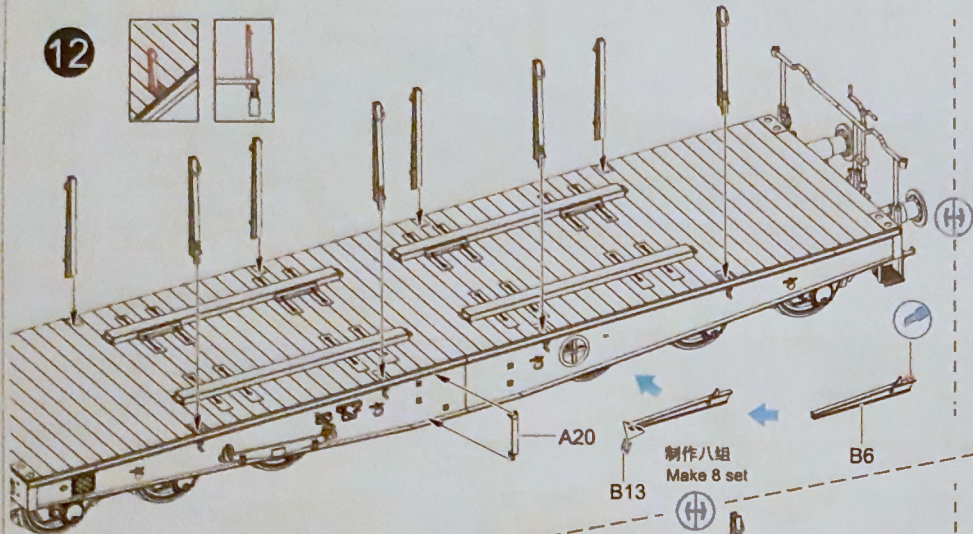
如果制作双车链接状态请调整调整至合适长度  
 Please adjust here if you want to connect two flatcars



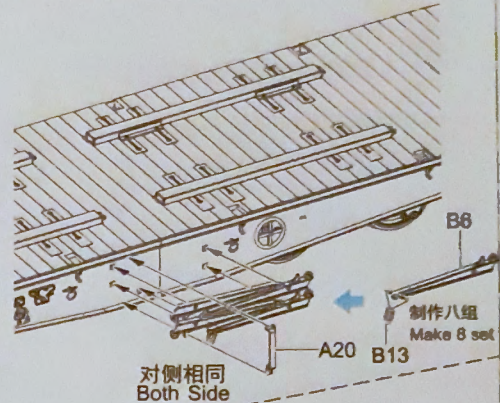




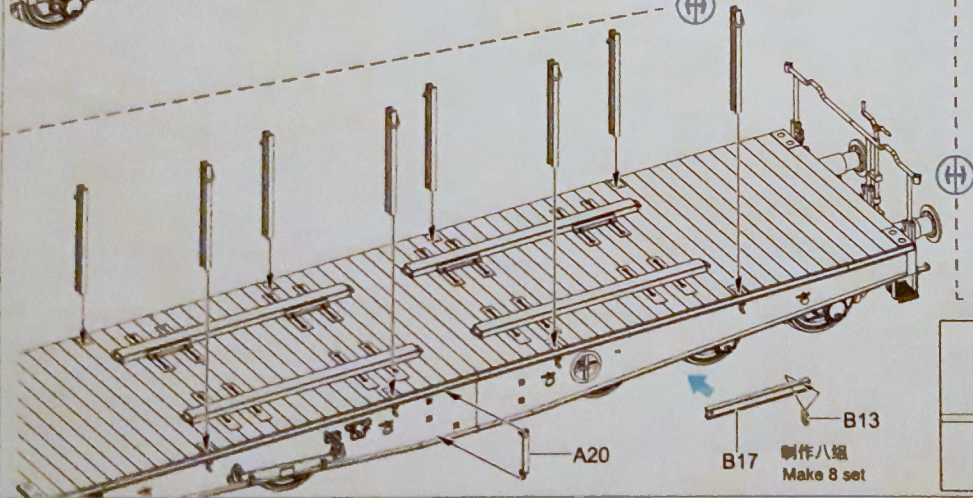
12



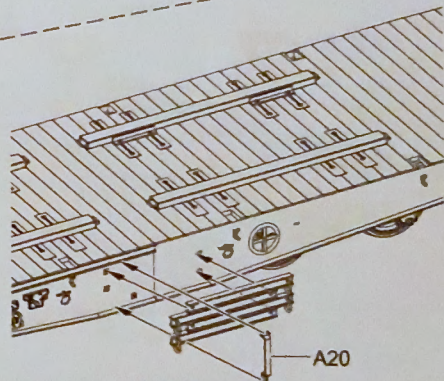
A20  
B13  
制作八组  
Make 8 set



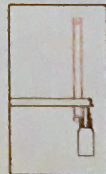
B6  
制作八组  
Make 8 set  
A20 B13  
对侧相同  
Both Side



A20  
B17  
制作八组  
Make 8 set

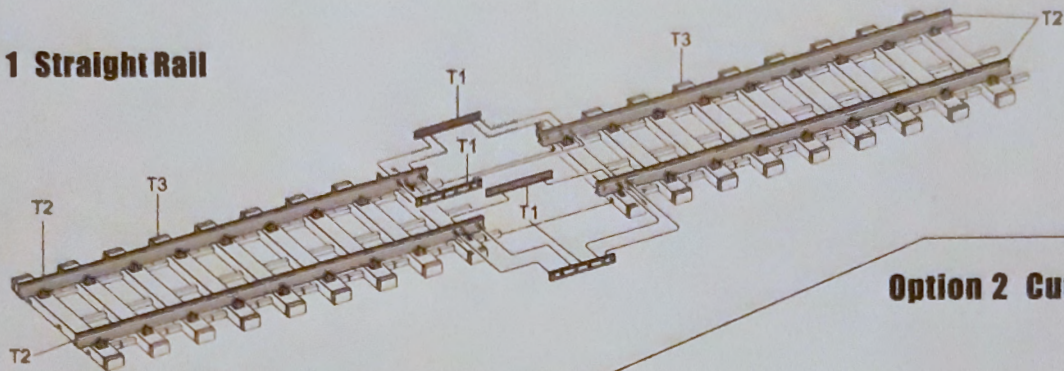


A20  
对侧相同  
Both Side  
B17  
制作八组  
Make 8 set

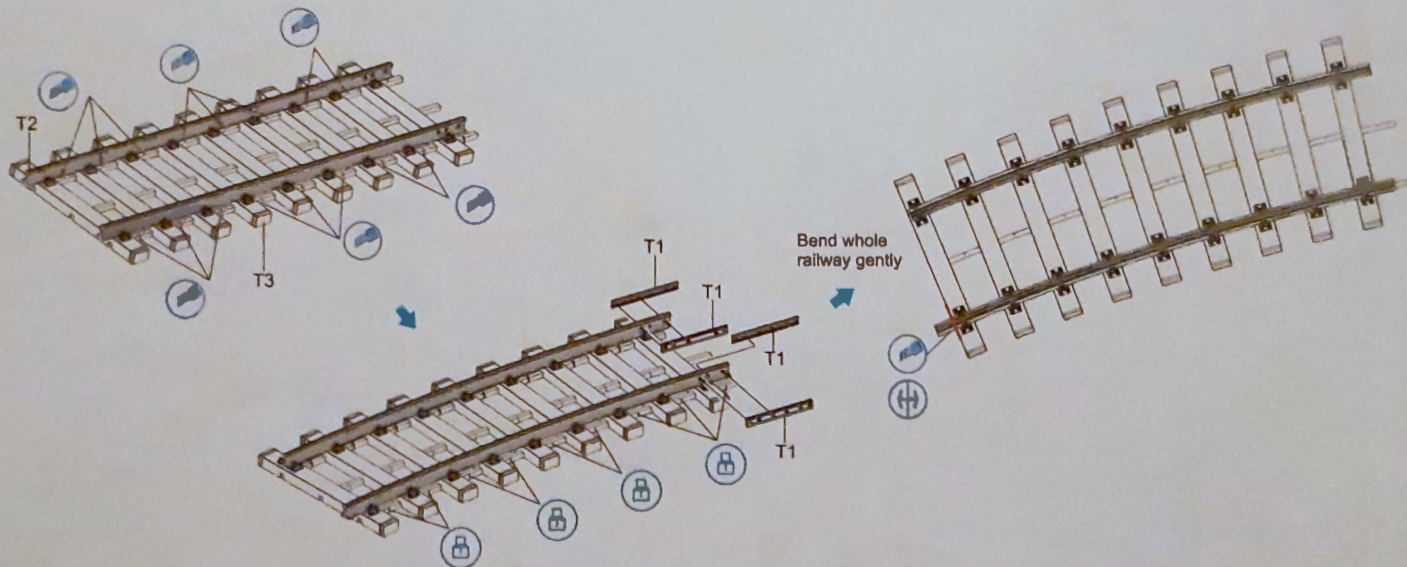


13

### Option 1 Straight Rail



### Option 2 Curved Rail

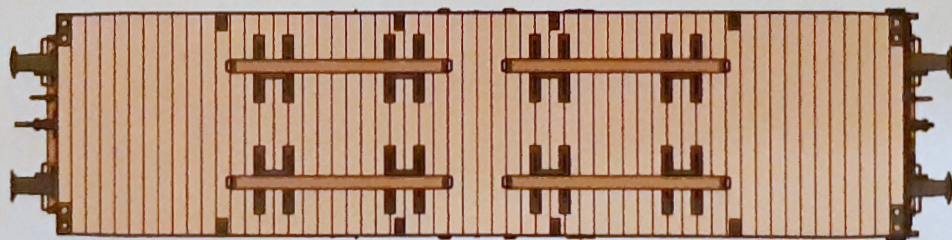
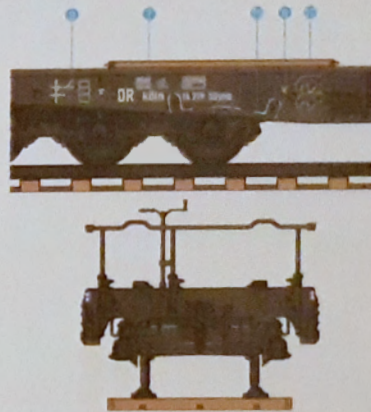


涂装指示  
Painting

Optional 1



Optional 2



\*\*\*The colors scheme's reference work is completed by VIC.\*\*\*

\*\*\*本套配色方案由微雪漆考證完成\*\*\*

	Color Name	FS/RAL Standard	VIC	MIG AMMO	TAMIYA	Mr. HOBBY	Vallejo		Color Name	FS/RAL Standard	VIC	MIG AMMO	TAMIYA	Mr. HOBBY	Vallejo
	Black	RAL 9005	MA 001	A.MIG-032	XF-1	C 02	70 950		Old Rust	FS 30040	MA216	A.MIG-041	TS-62	C 327	70.302
	Gun Metal	RAL 9007	MH002	A.MIG-045	XF-10	C 78	71.073		Medium Rust	FS 22144	MA215	A.MIG-040	XF-79	YC 16	70.829
	Wood Base	FS 30475	MA018	A.MIG-057	XF-78		70.819		Chipping Brown	RAL 8019	MA118	A.MIG-079	TS-60	SC 06	70.822
	Wood Brown	RAL 8007	MA015	A.MIG-057		C 43	71.032								



**T-MODEL**