

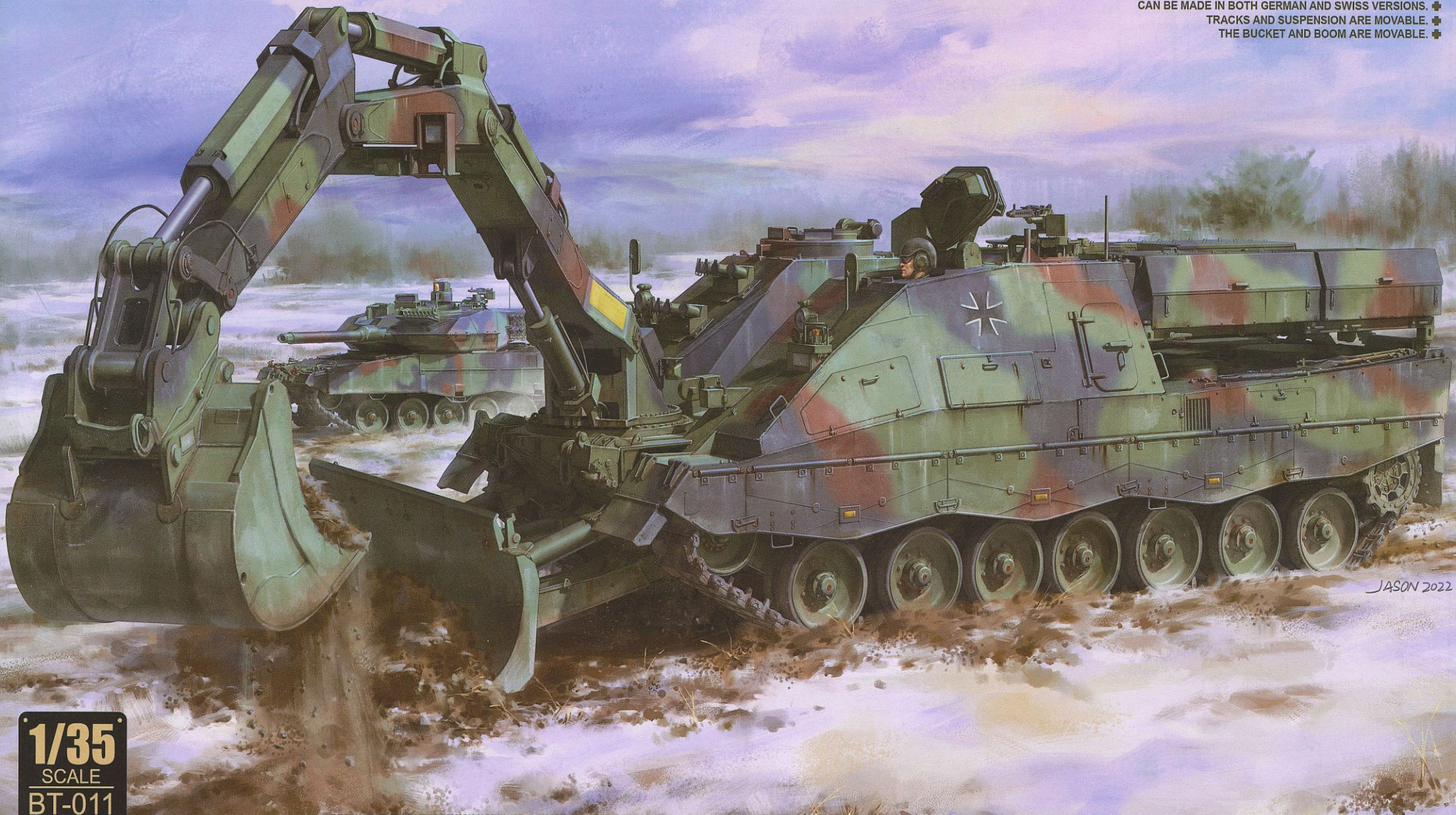
Border

SWISS SERIES/GERMAN DEMONSTRATOR
AEV-3 PIONIERPANZER

2 IN 1

KODIAK

PE, CLEAR PARTS & DECAL INCLUDED. ✦
CAN BE MADE IN BOTH GERMAN AND SWISS VERSIONS. ✦
TRACKS AND SUSPENSION ARE MOVABLE. ✦
THE BUCKET AND BOOM ARE MOVABLE. ✦



1/35
SCALE
BT-011

• READY TO ASSEMBLE PRECISION MODEL KIT • MODELING SKILLS HELPFUL IF UNDER 14 YEARS OF AGE • MODEL MAY VARY FROM IMAGE ON BOX • CEMENT AND PAINT NOT INCLUDED

History | 历史介绍

AEV 3 "Kodiak" / Pionierpanzer "Kodiak" / Geniepanzer Kodiak

The AEV3 Kodiak armored engineer vehicle was developed by Rheinmetall Landsysteme GmbH and RUAG Land Systems AG from 2002 on the basis of the Leopard 2 chassis. The first prototype was presented in 2003 and in 2009 the first of the 12 vehicles ordered were delivered to the Swiss army and used by the Panzersapperbataillon 11. In 2011/2012, the Netherlands and Sweden received 10 and 6 Kodiak respectively, which differ from the Swiss model in some areas. Singapore also received 14 Kodiak in 2014/2015, which also featured other changes. From the end of 2023, the Bundeswehr is to receive the first of 44 newly developed Kodiak armored engineer vehicles, which are specially adapted to the needs of the Bundeswehr.

The Kodiak is equipped for creating entrances and exits at water crossing points, removing obstacles and barriers, preparing positions for main battle tanks and clearing mines. To do this, it uses a hydraulic 3-piece knuckle-boom excavator in the middle, a clearing and support blade with angle adjustment, two 9t recovery winches with 200m cable length, an APU with 4.2kW, six cameras on the boom, clearing blade and on the front and rear side, as well as an optional mine plow that can be attached to the support plate instead of the blade and other tools can be attached to the excavator arm instead of the excavator bucket, such as a universal gripper, hydraulic concrete breaker, earth-auger or root grinder. These tools can be exchanged quickly using a quick coupling and up to two tools can be carried on special racks on the engine deck. The clearing blade is 3.42 m wide or 4.02 m with widening elements. The excavator arm reaches up to 9m horizontally and 8.2m high. For self-defense, it has smoke grenade launchers and the crew of three is protected against cluster munitions, ballistic projectiles and anti-tank mines. An NBC protection system is also available and allows protected use in contaminated terrain.

The Kodiak is 10.20m long, 3.54m wide and 2.80m high. With the MTU 873 Ka-501 V-12 1500hp engine, it can accelerate the 62t combat weight to a maximum of 68km/h. It can handle inclines and side slopes of 60% and 30% respectively. The climbing ability is 0.92m, the ditch crossing ability is 3m and the fording ability is 2.25m. The Diehl 570F track is 63.5 cm wide and 18 rubber pads can be exchanged for steel snow grousers for better traction.

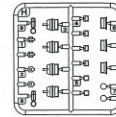
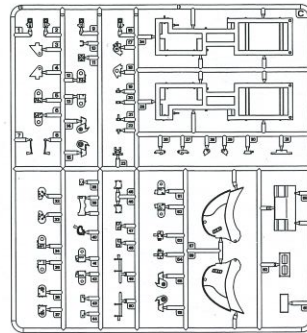
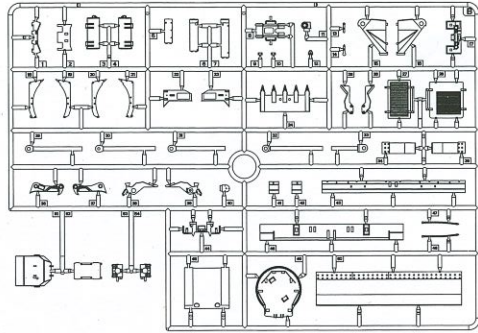
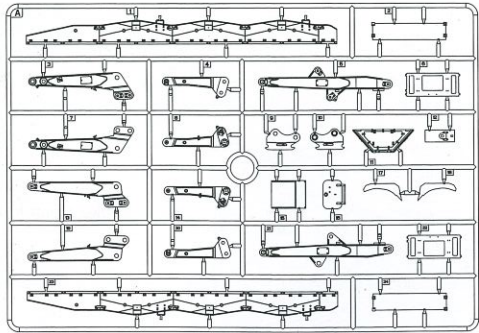
AEV 3 "科迪亚克"装甲工程车

AEV3 "科迪亚克"装甲工程车是由莱茵金属陆地系统公司和RUAG陆地系统股份公司于2002年在豹2底盘的基础上开发的。第一辆原型车于2003年亮相，2009年，12辆订购的车辆中的第一辆被交付给瑞士军队，并被11号坦克部队使用。在2011/2012年，荷兰和瑞典分别收到了10辆和6辆"科迪亚克"，但它们在某些方面与瑞士的型号不同。新加坡在2014/2015年也收到了14辆"科迪亚克"，它也有其他方面的适应性变化。从2023年底开始，联邦德国国防军将收到44辆新开发的"科迪亚克"装甲工程车中的第一批，这些车辆是专门为联邦国防军的需要而改造的。

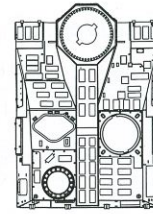
"科迪亚克"的作用是在部队渡水点建立通道，清除障碍物和壁垒，为主战坦克挖掘阵地和清除地雷。为此，它在中间使用了一个三片式节臂液压挖掘机，一个可调节角度的清障铲，两个9吨的回收绞车，线缆长度为200米，一个4.2千瓦的APU，吊臂、清障刀片和前后侧的六个摄像头，还有一个可选的扫雷犁，可以安装在支撑板上而不是刀片上，其他工具可以安装在挖掘机臂上而不是挖掘机铲斗上：如万能抓斗、液压混凝土破碎机、挖土机或挖根机。这些工具可以通过快速接头快速交换，并且可以在发动机盖板上的特殊架子上携带最多两个工具。清障刀是3.42米宽，或4.02米的加宽组件。挖掘机臂水平方向可达9米，高8.2米。在自卫方面，它有烟幕弹发射器，3名乘员可以防止集束弹药、弹道导弹和反坦克地雷。还有一个核生化保护系统，可以在受污染的土地上进行有保护的作业。

"科迪亚克"长10.20米，宽3.54米，高2.80米。凭借MTU 873 Ka-501 V-12 1500匹马力的发动机，它可以使62吨的车辆加速到最高时速68公里/小时。它可以处理60%和30%的坡度和侧坡。垂直越障极限为0.92米，跨沟能力为3米，涉水能力为2.25米。Diehl 570F履带的宽度为63.5厘米，18个橡胶垫可以换成钢制雪爪以获得更好的摩擦力。

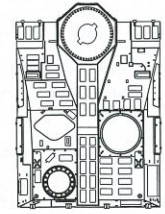




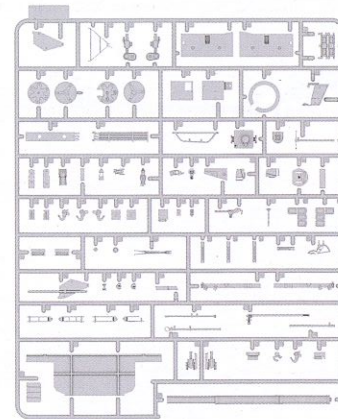
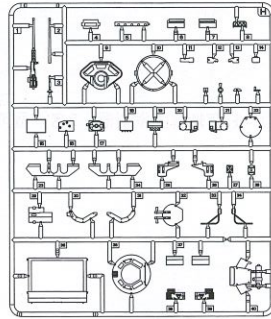
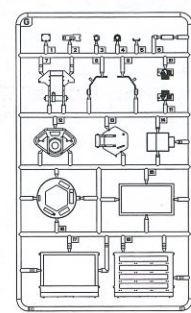
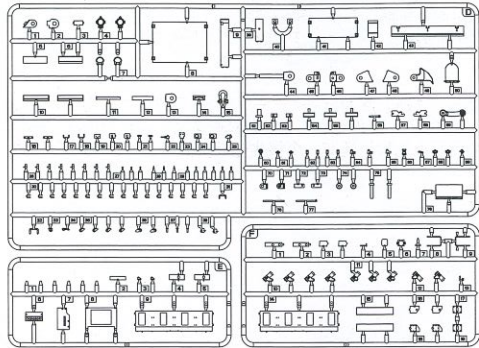
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B

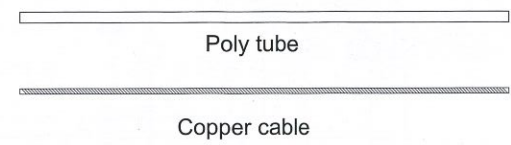
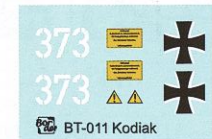
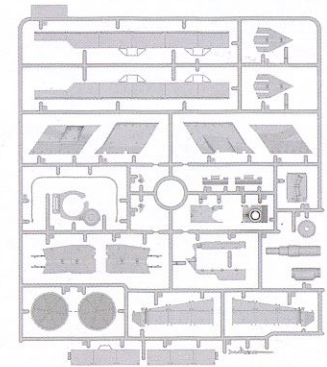
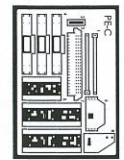
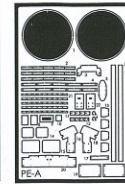
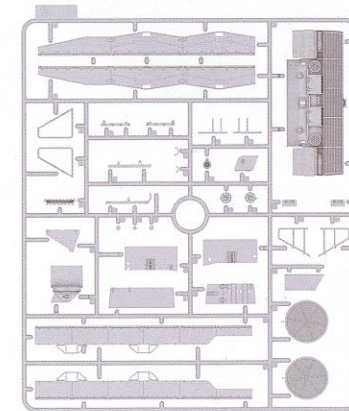
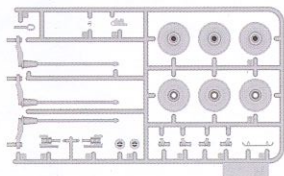
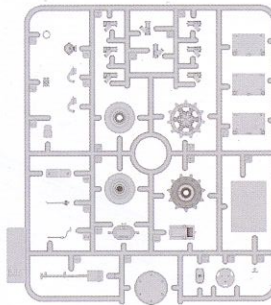
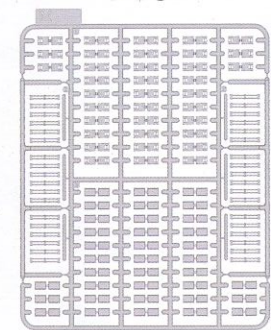
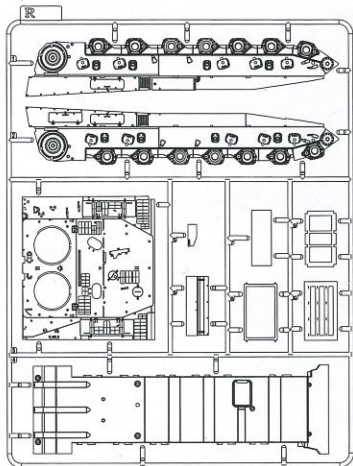


A



X5

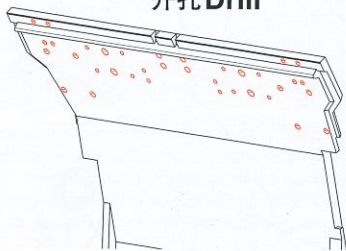
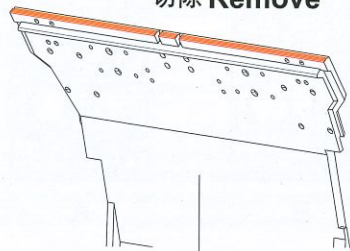
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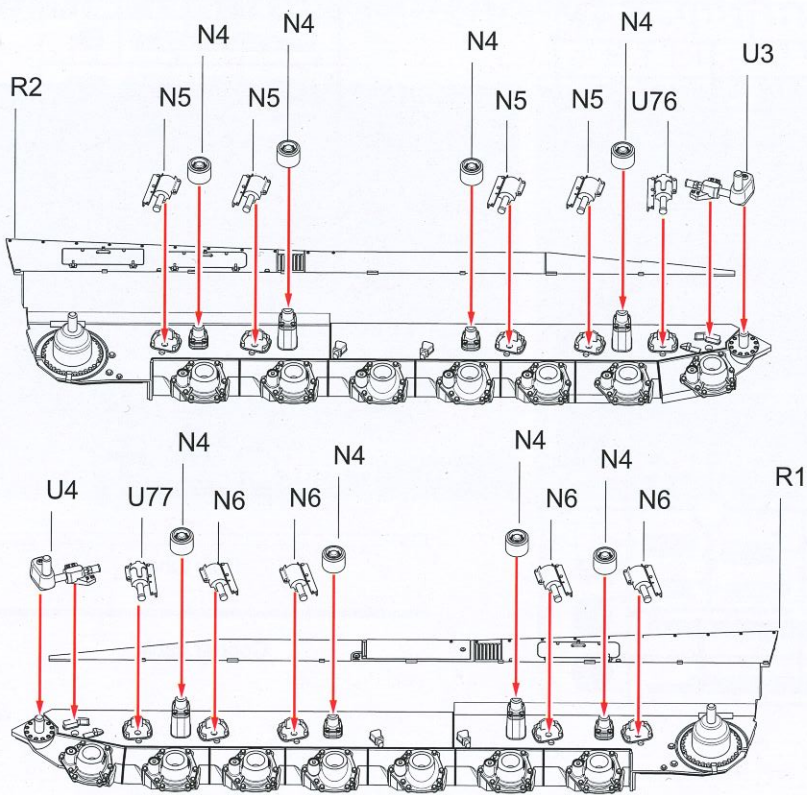
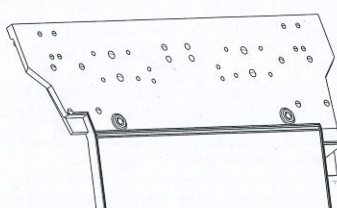
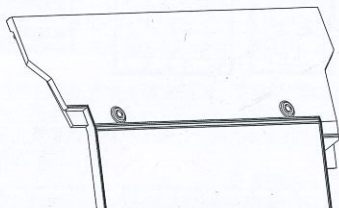
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切除 Remove

开孔 Drill



R4



2

H8 Clear Parts

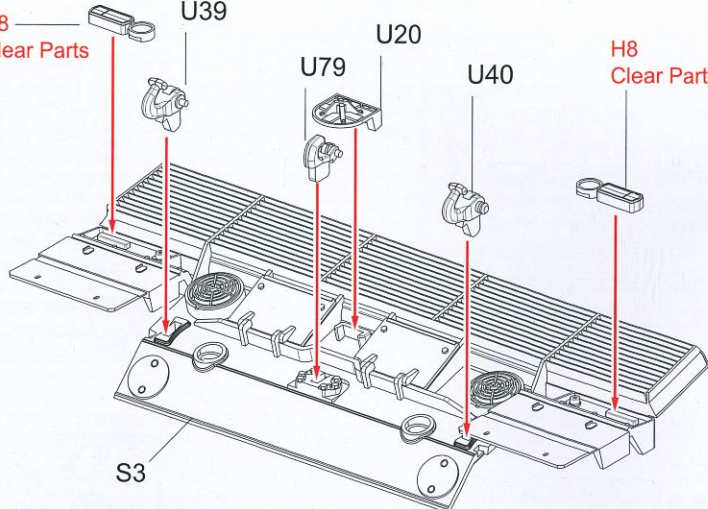
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U20

U79

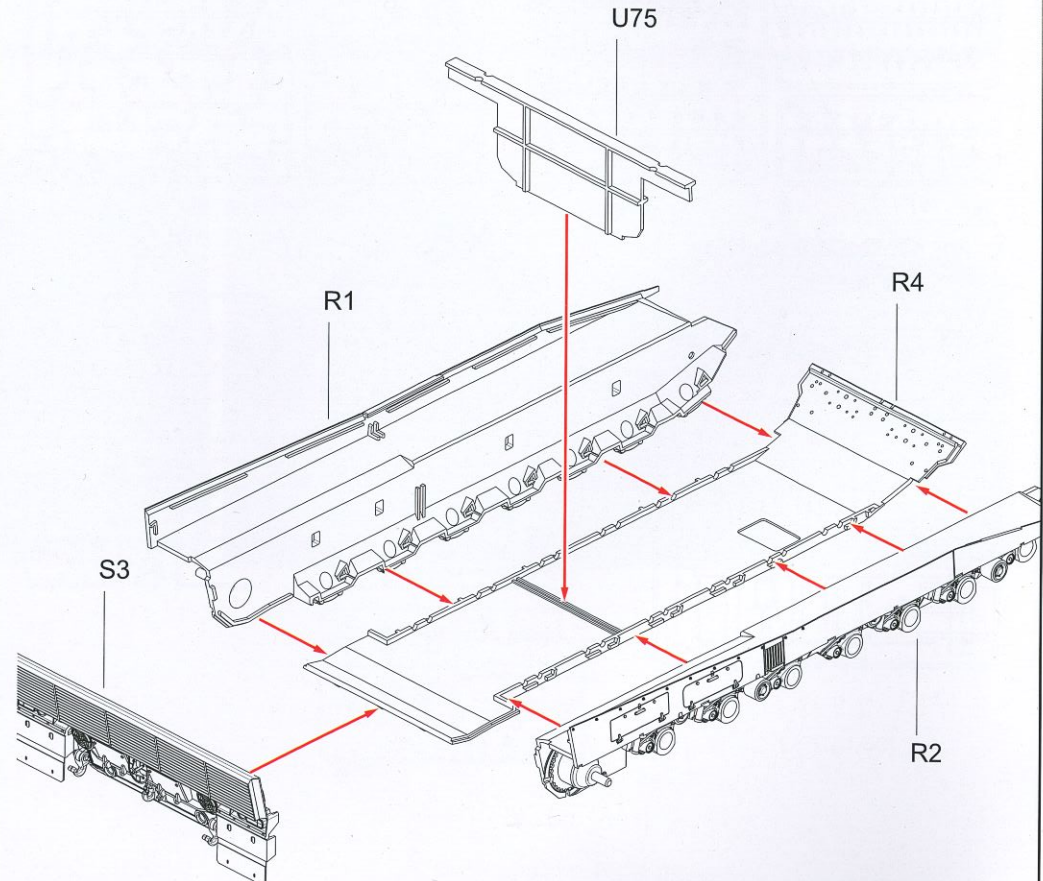
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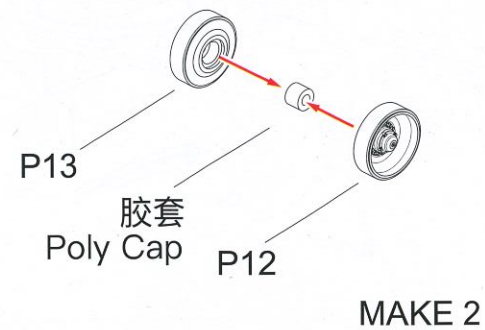
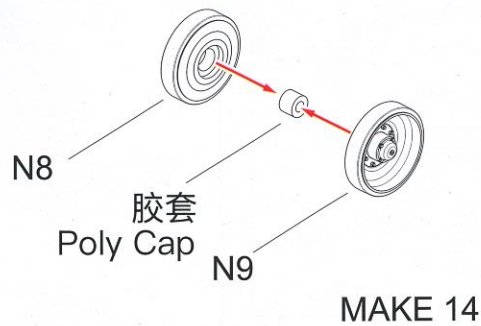
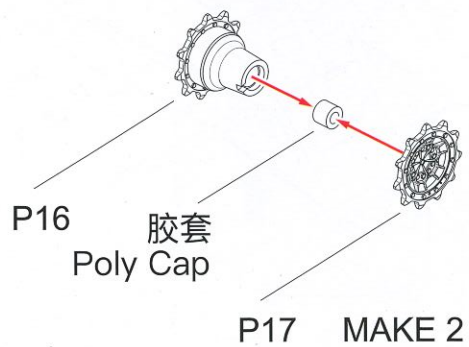
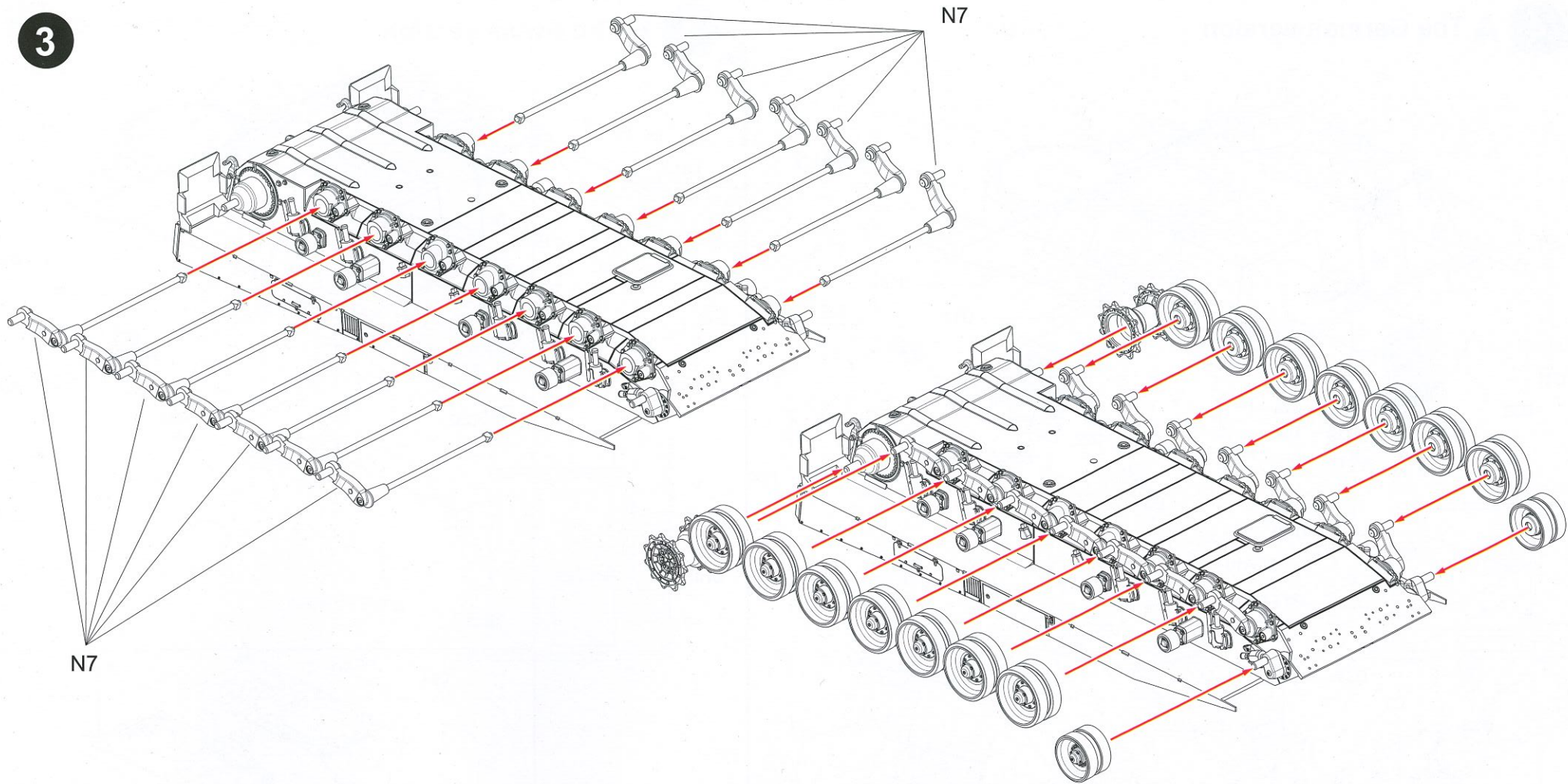


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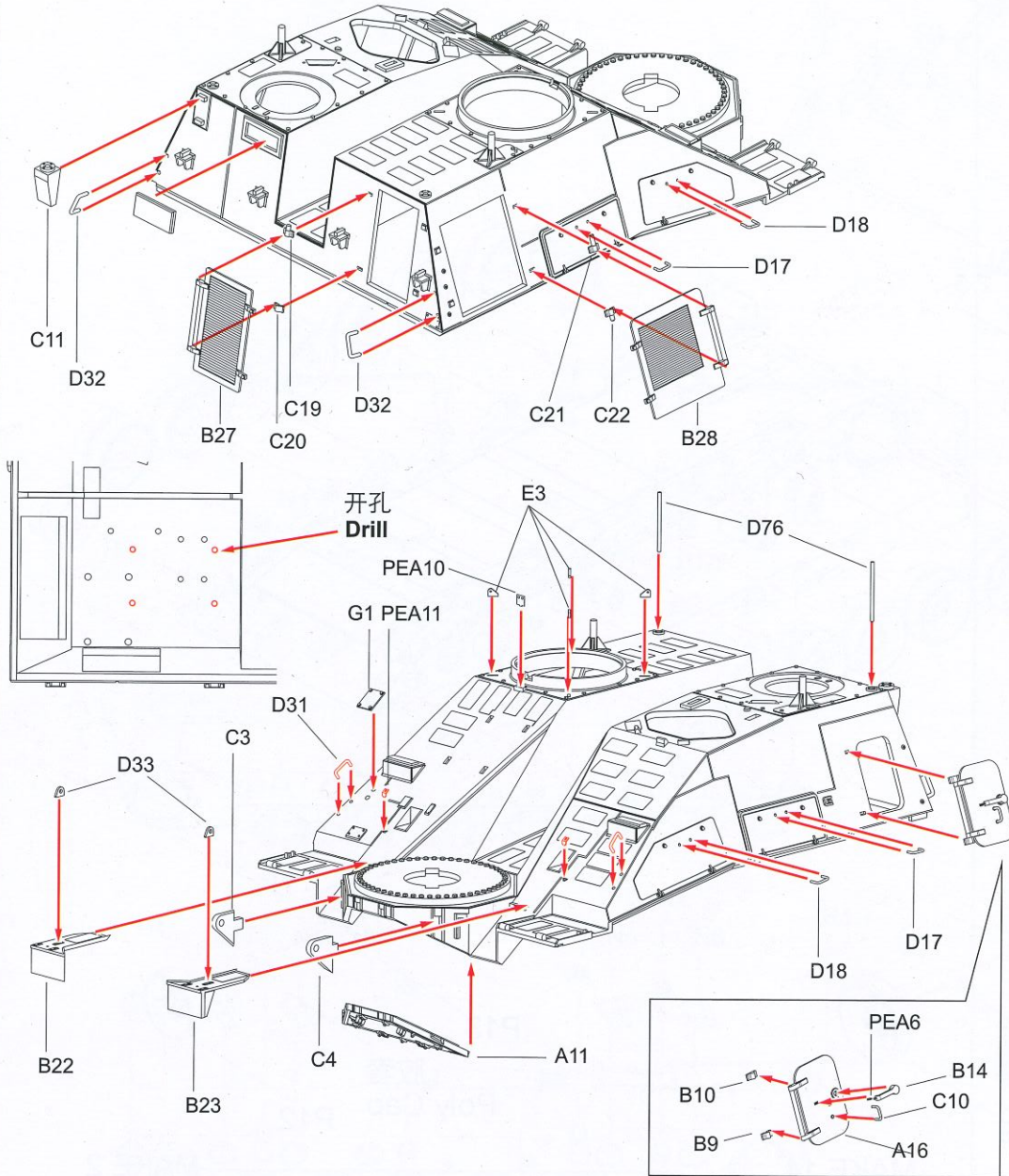
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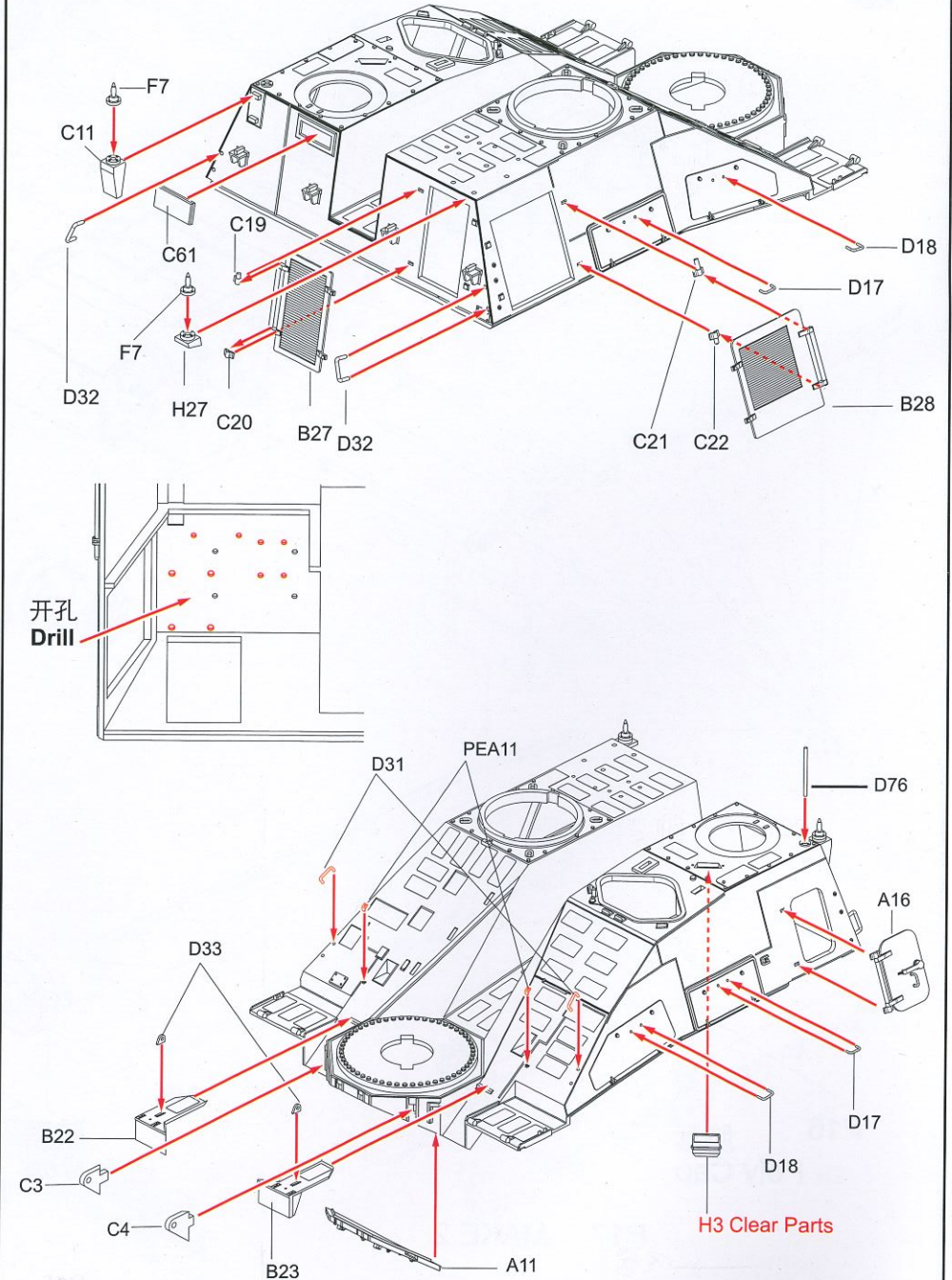
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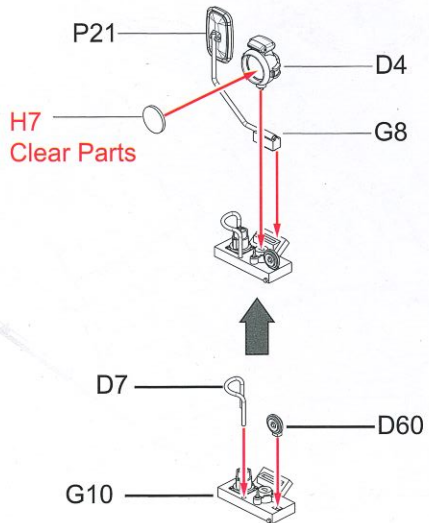
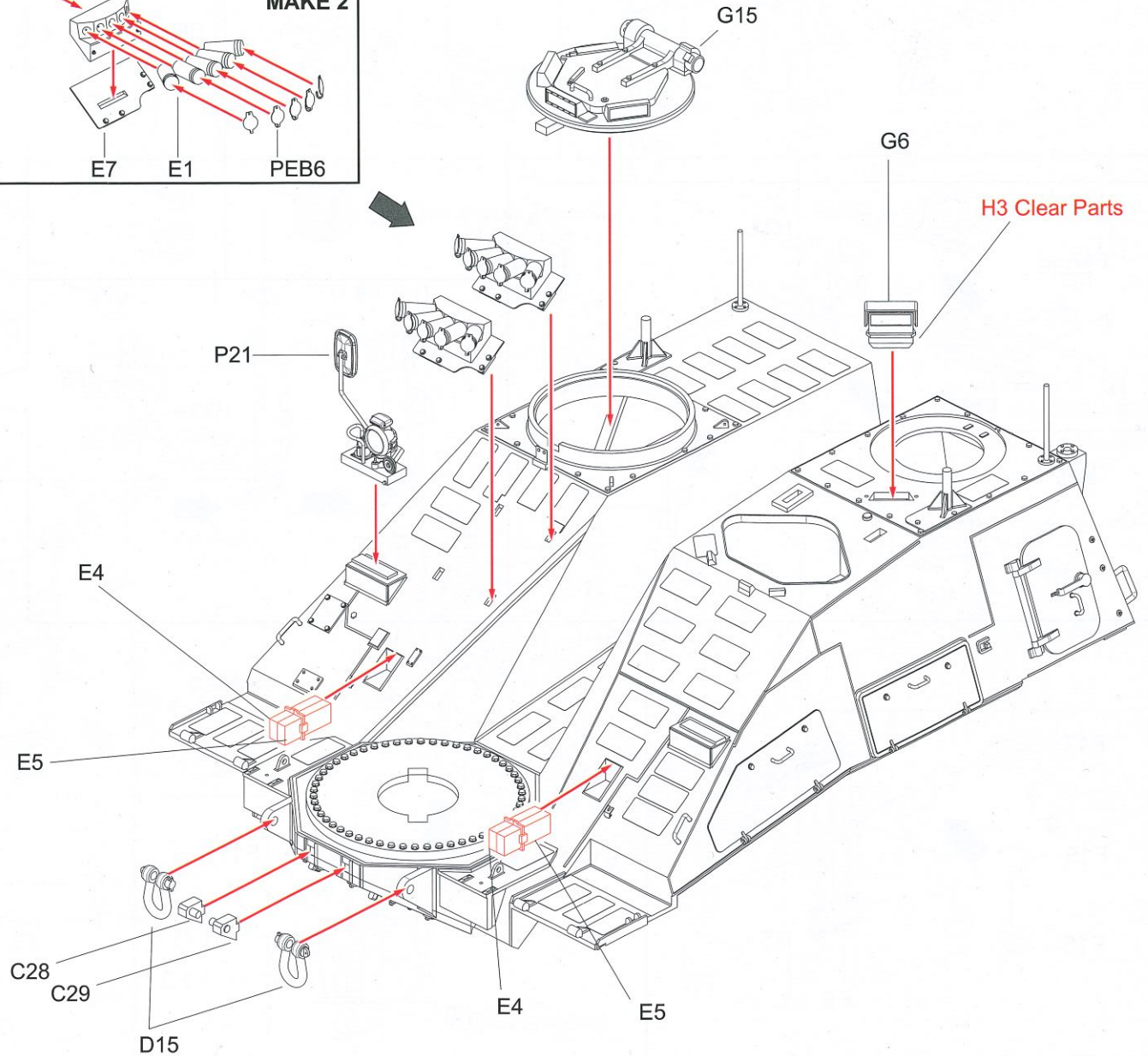
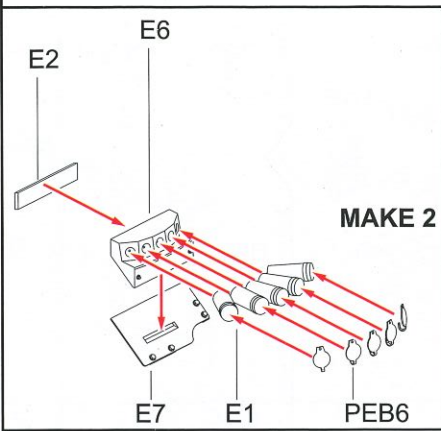
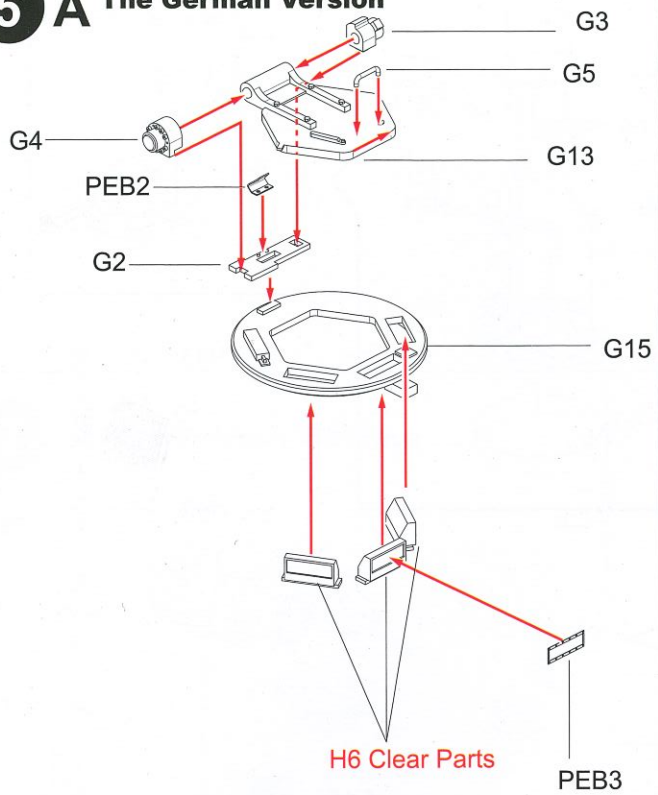
4 A The German version



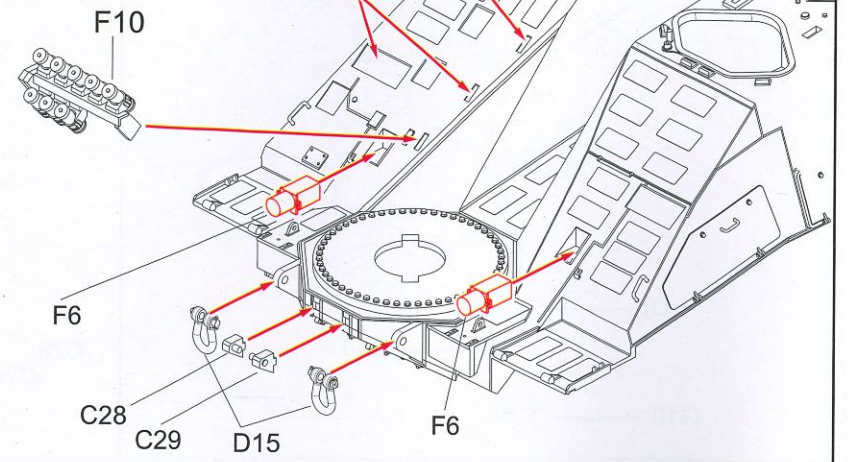
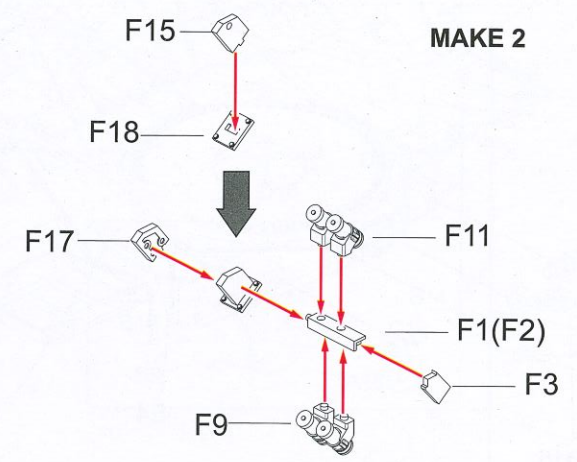
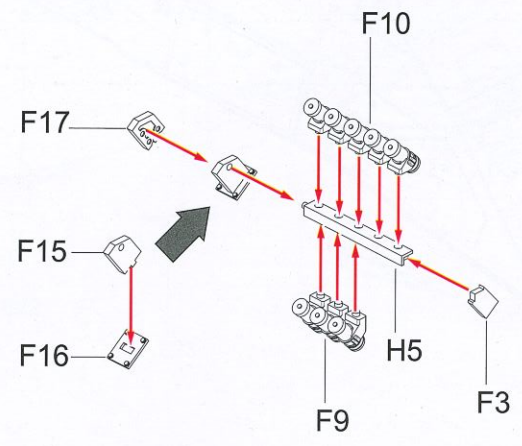
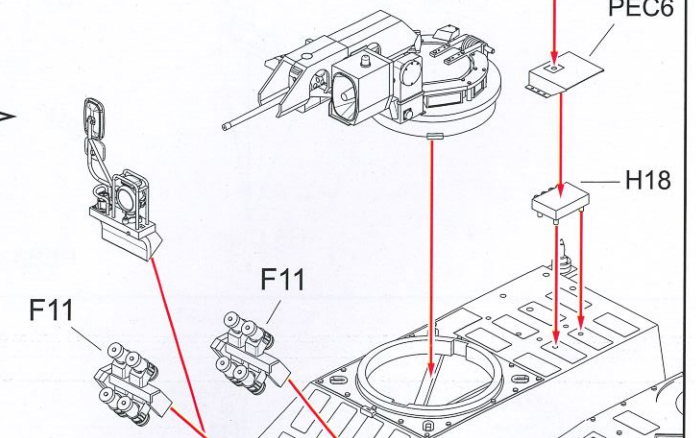
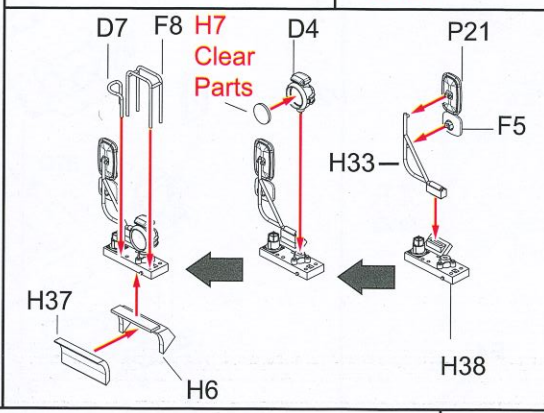
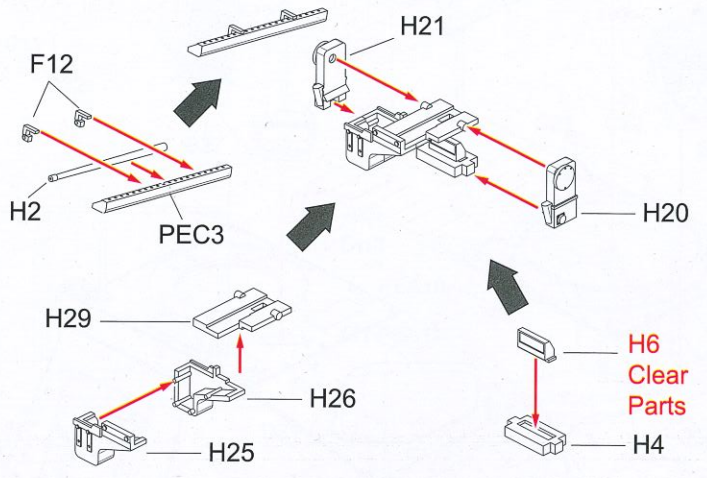
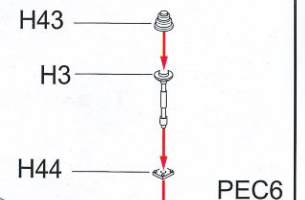
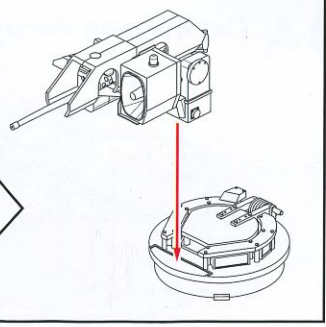
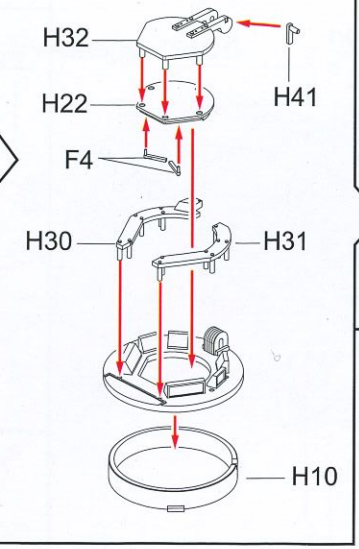
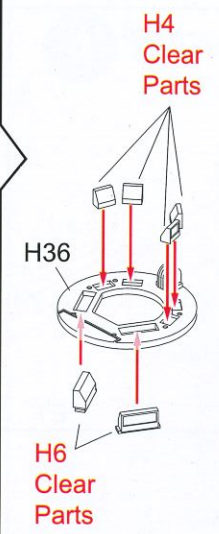
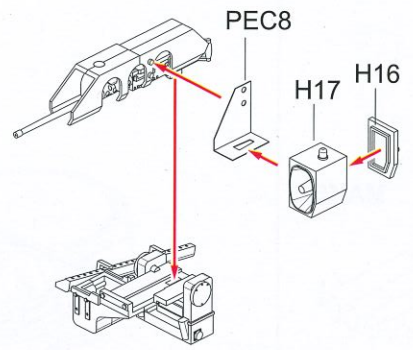
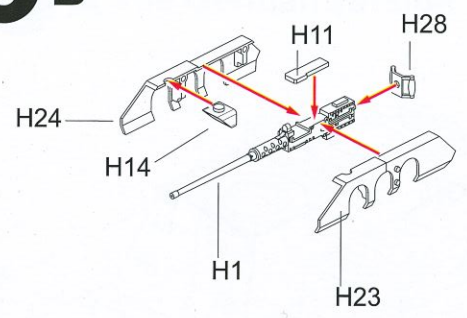
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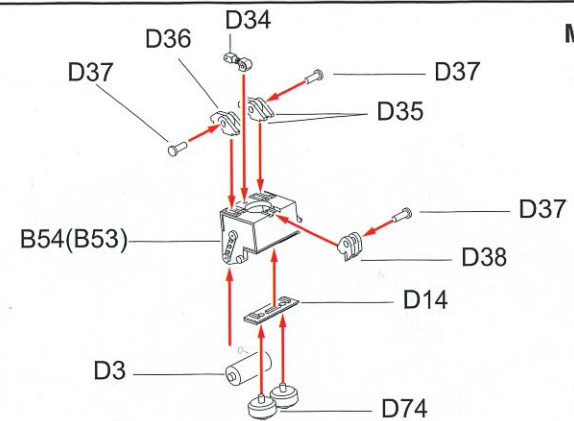
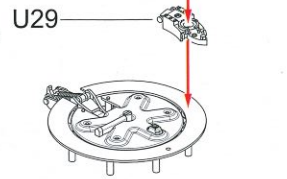
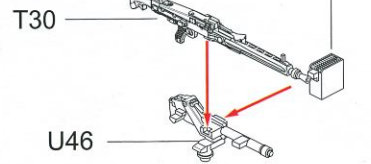
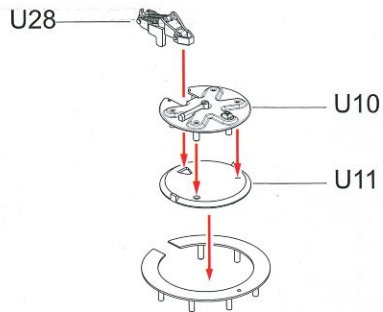
5 A The German Version



5 B The Swiss Version



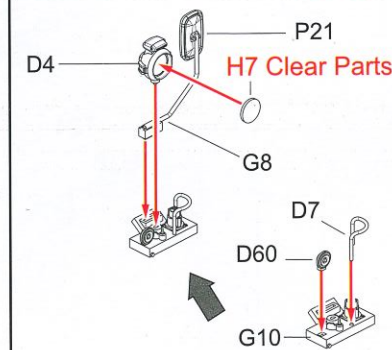
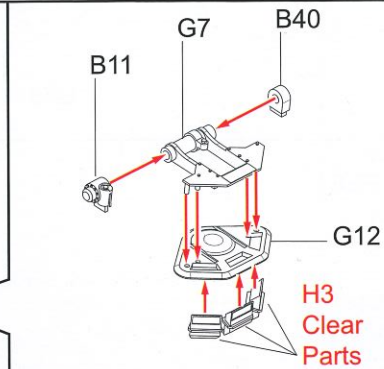
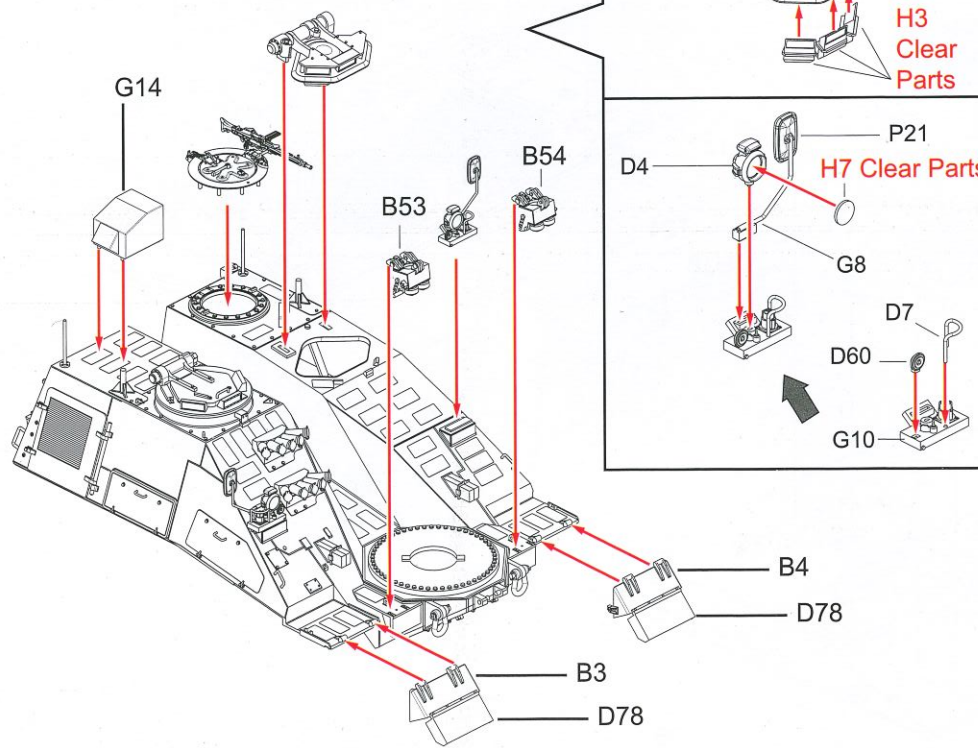
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MAKE 2

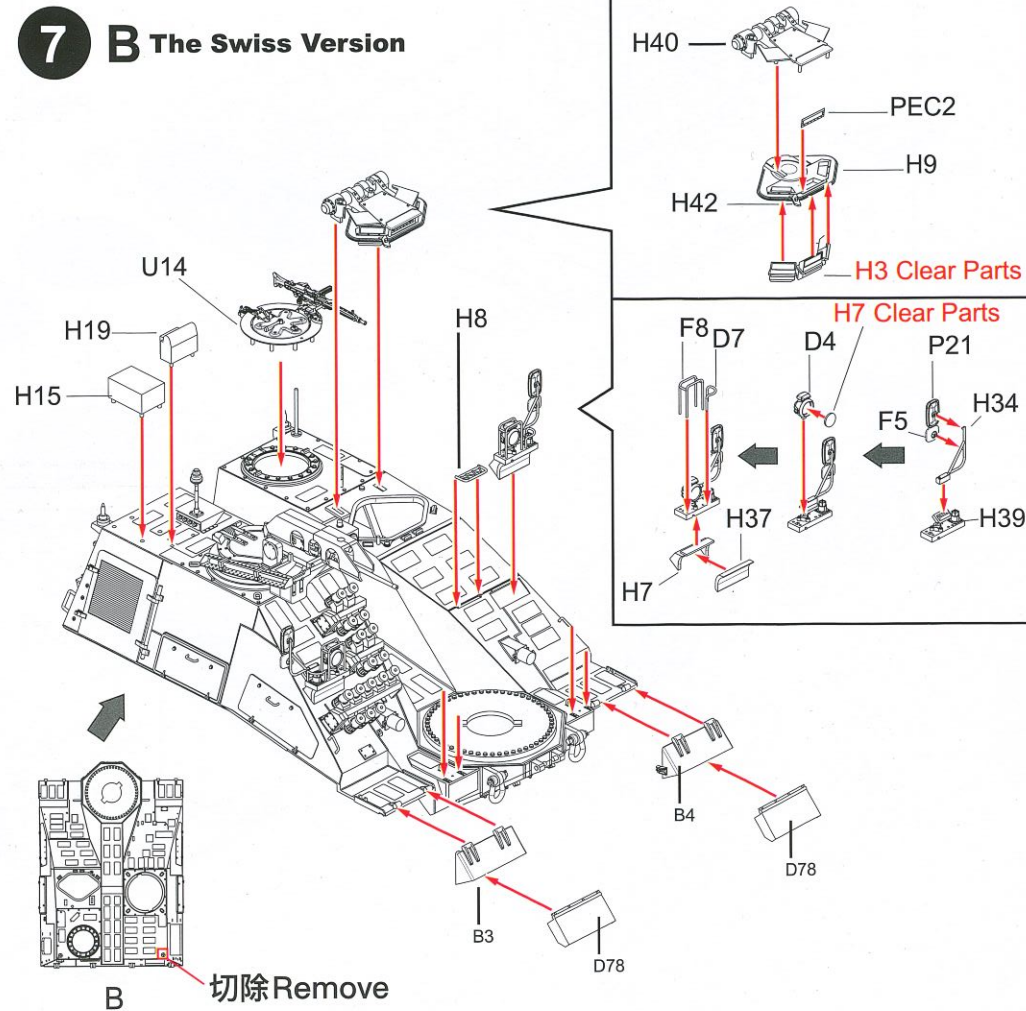
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A The German Version

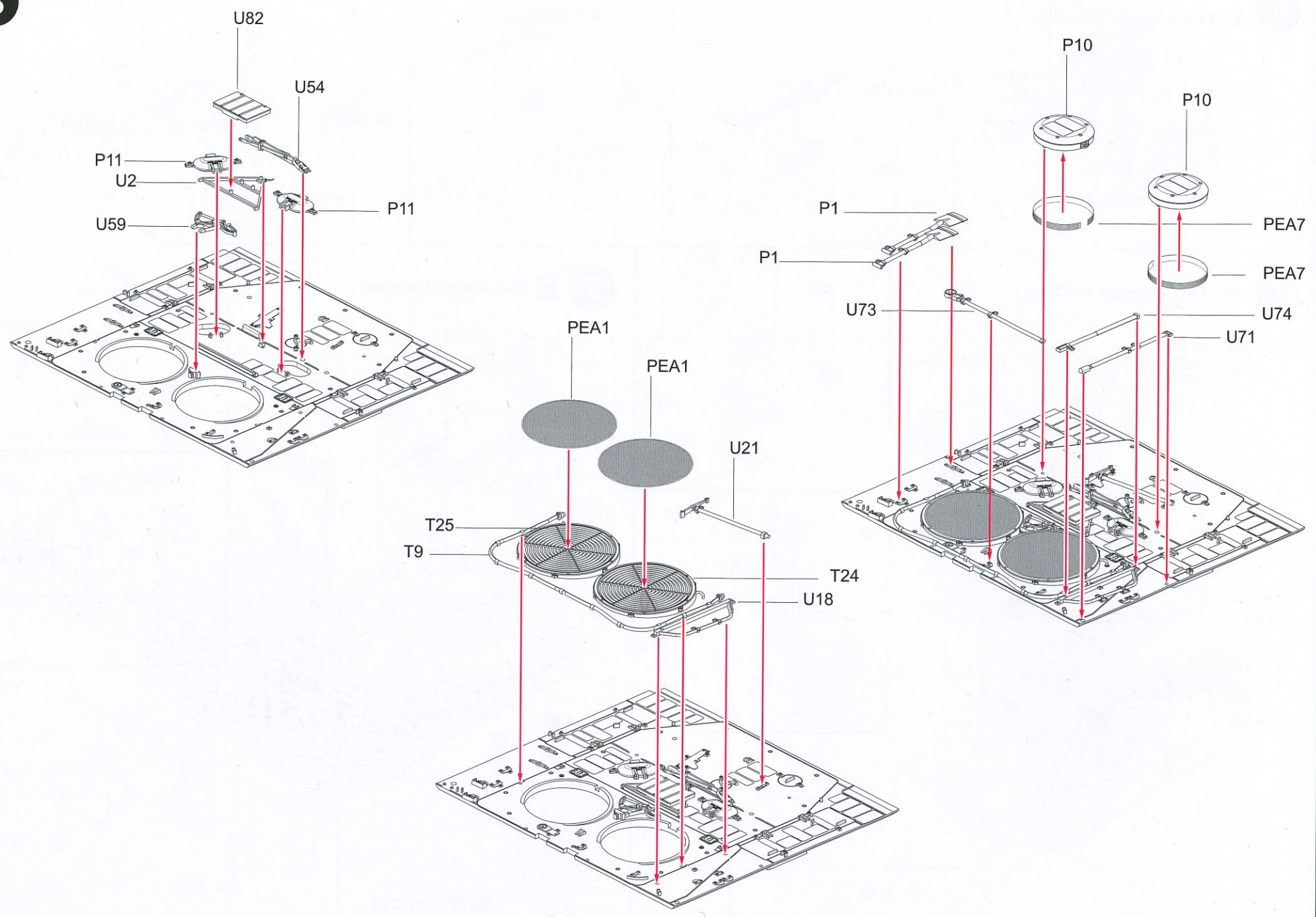


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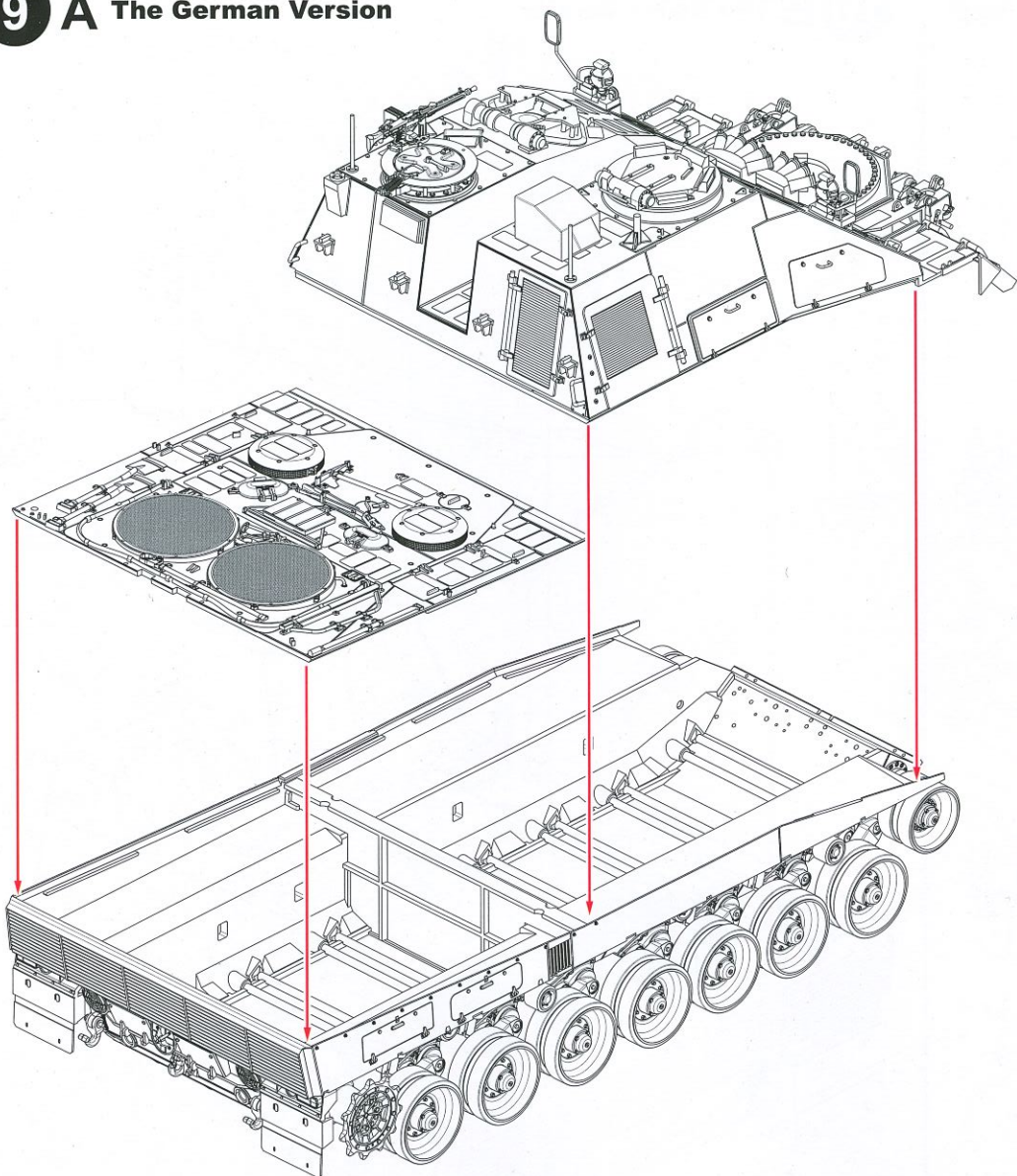
B The Swiss Version



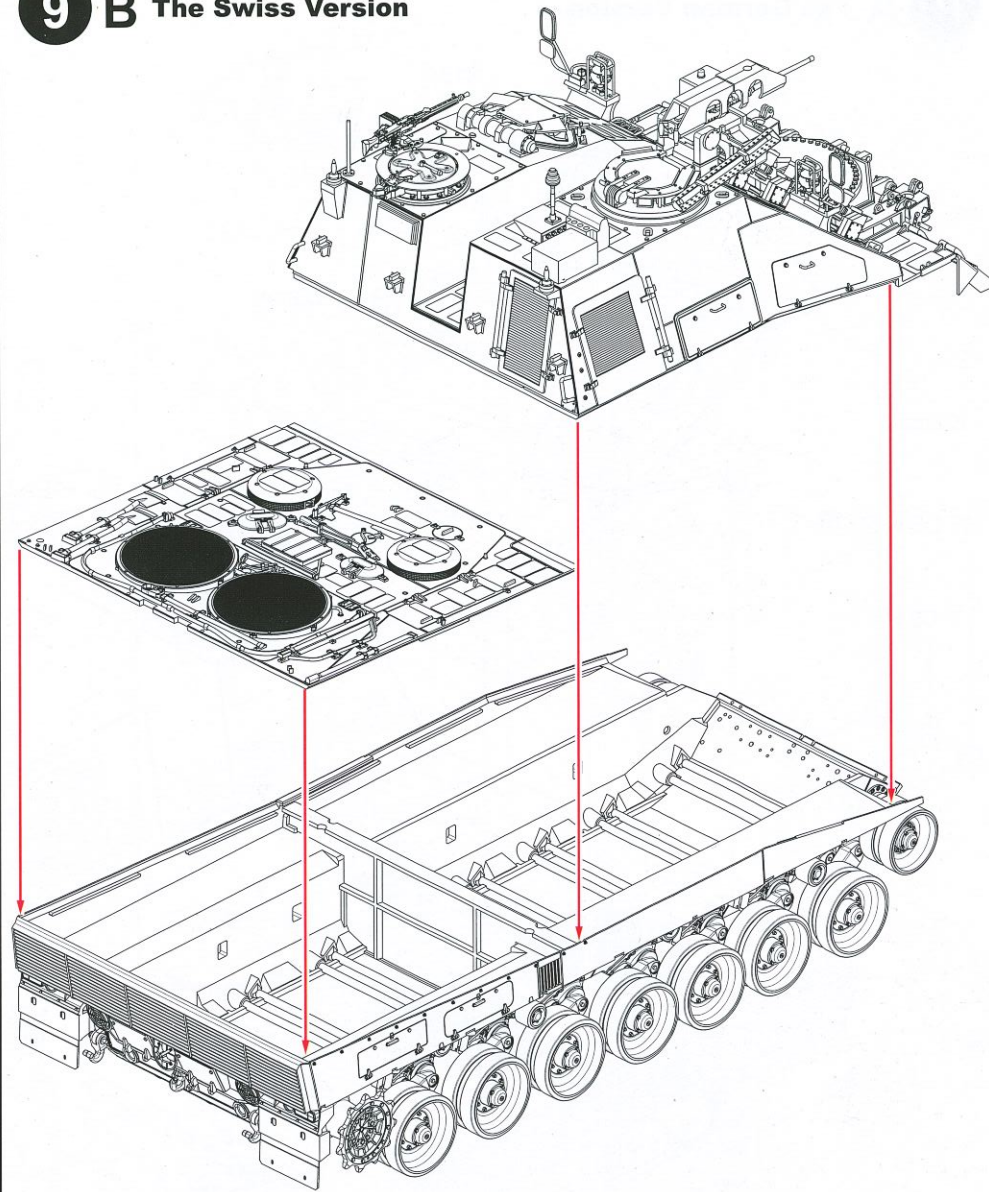
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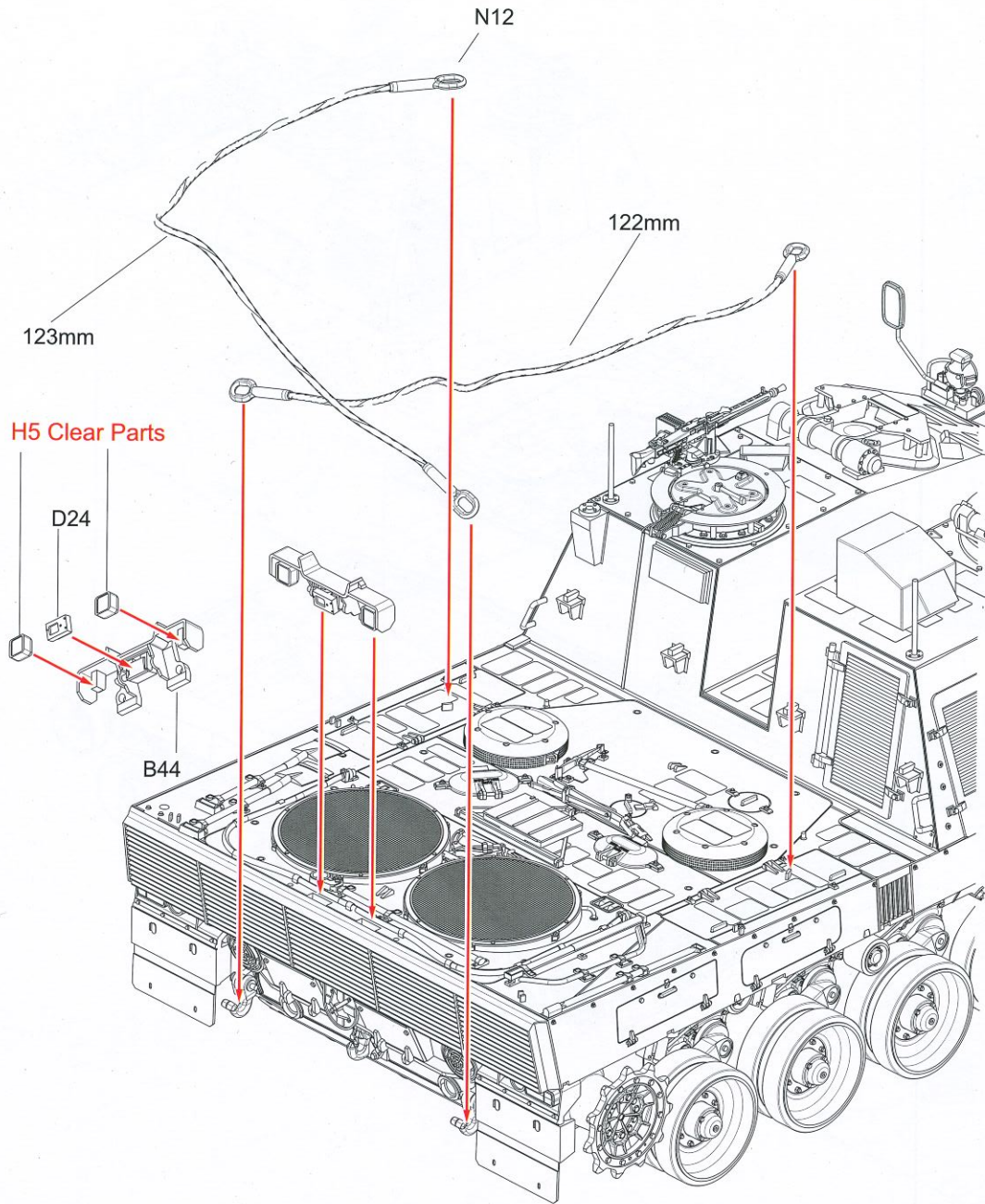
9 A The German Version



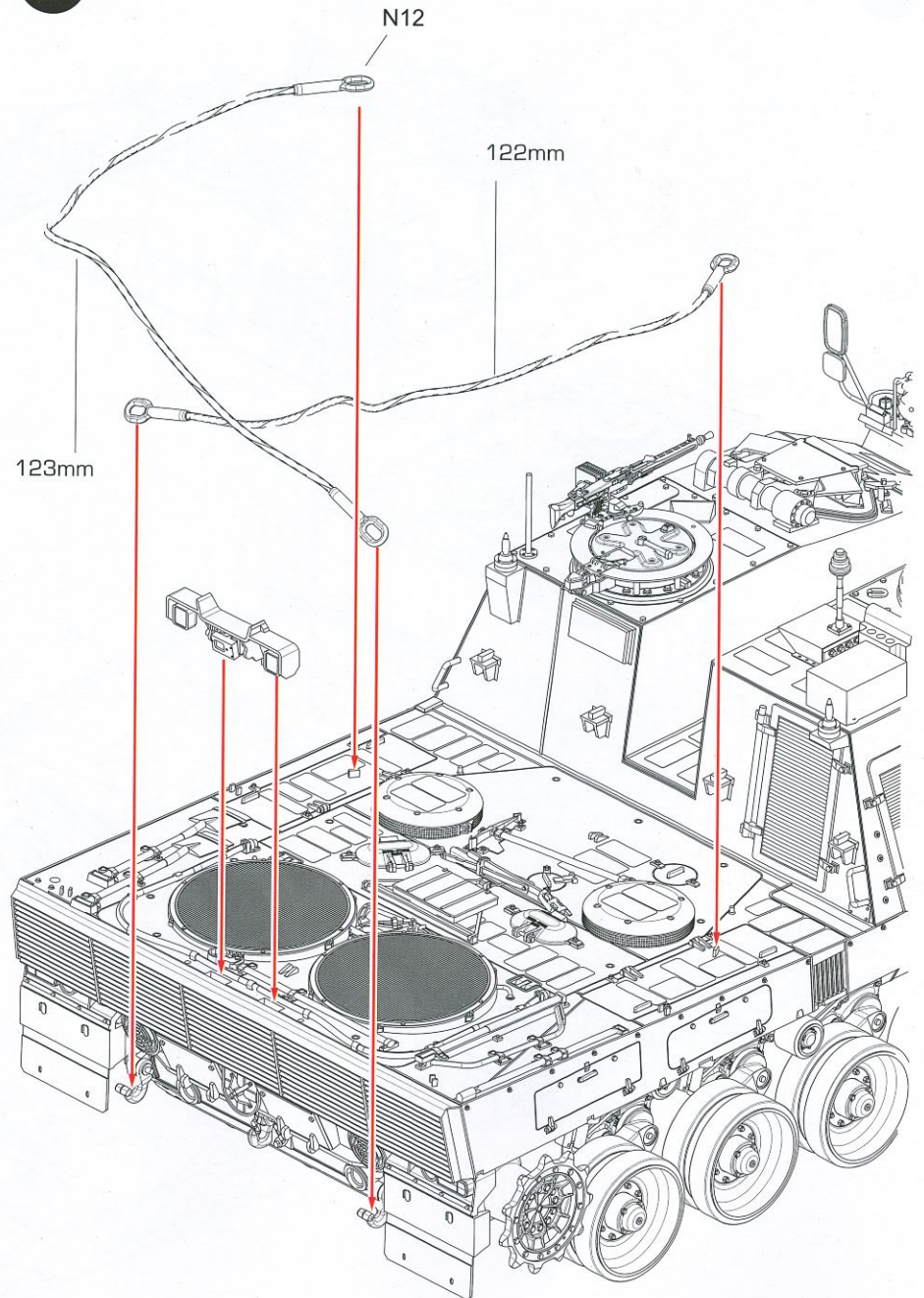
9 B The Swiss Version



10 A The German Version

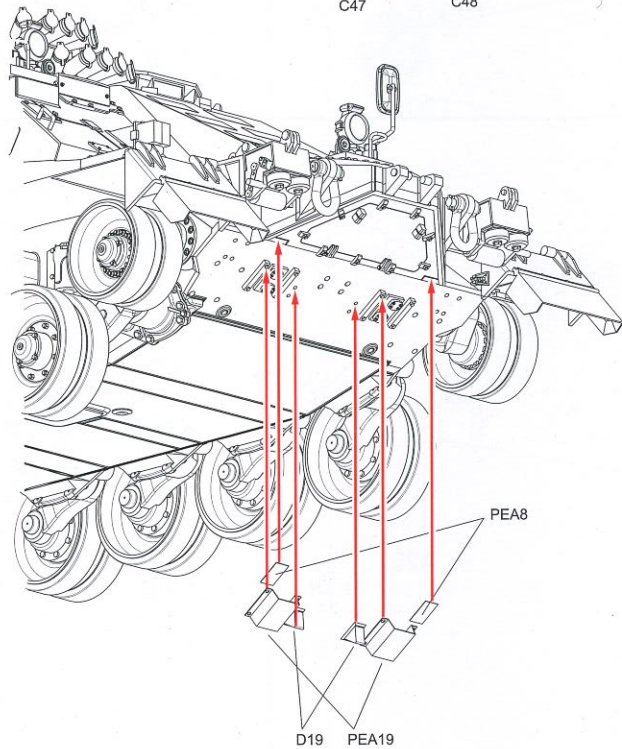
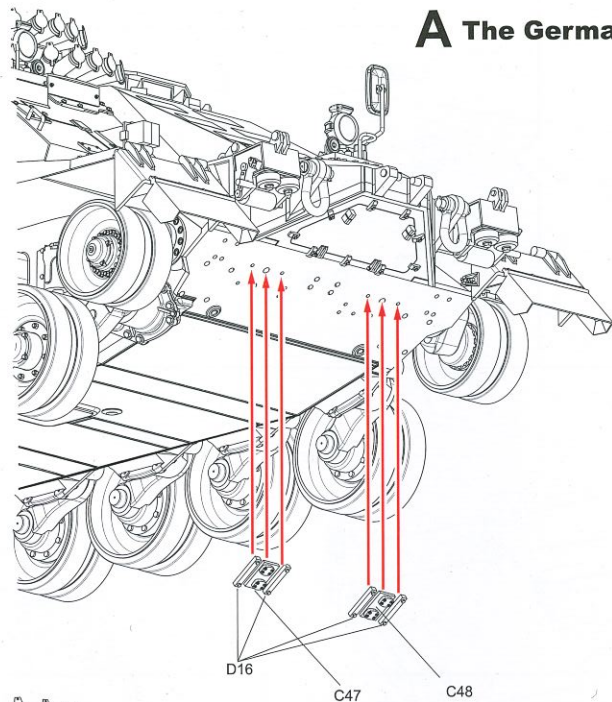


10 B The Swiss Version



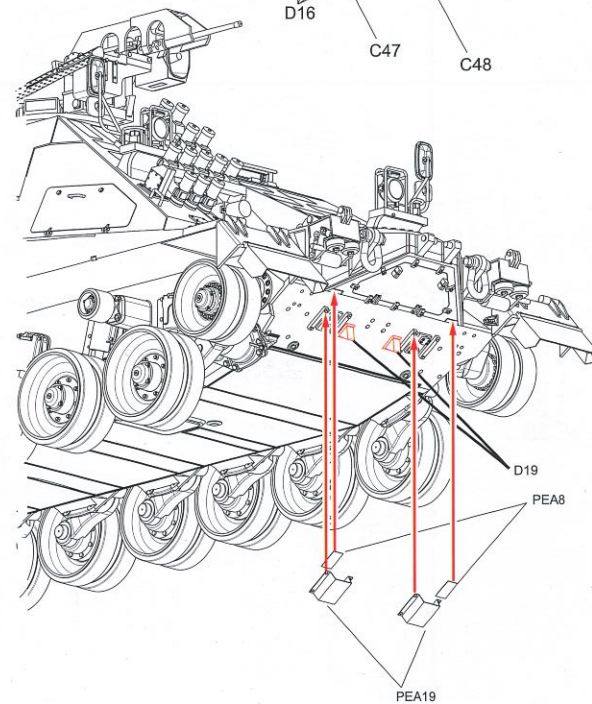
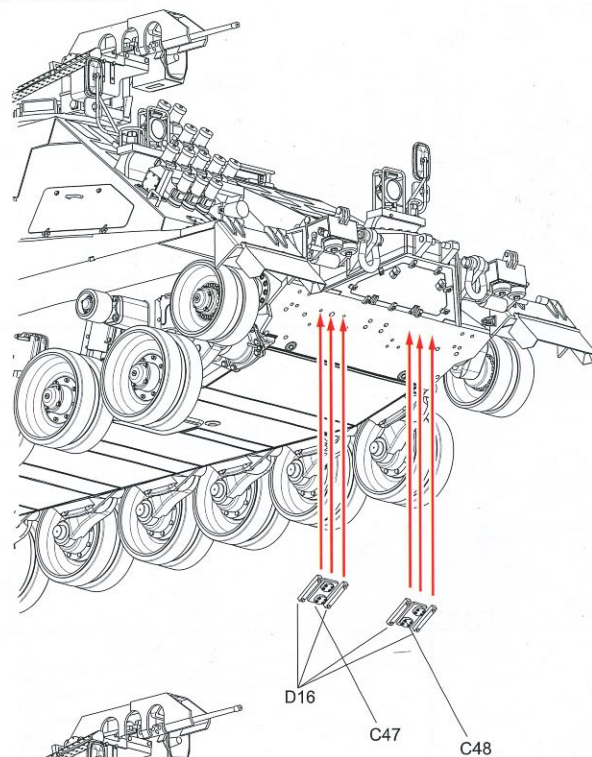
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A The German Version

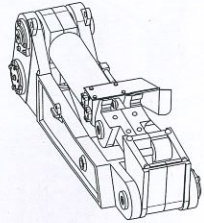
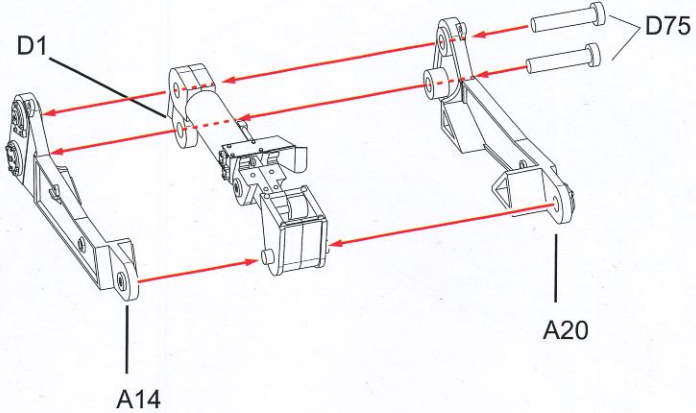
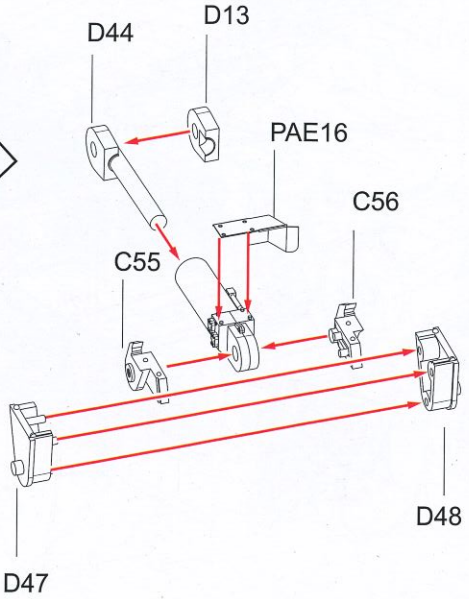
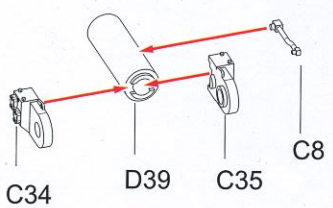
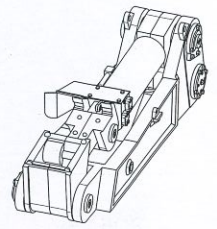
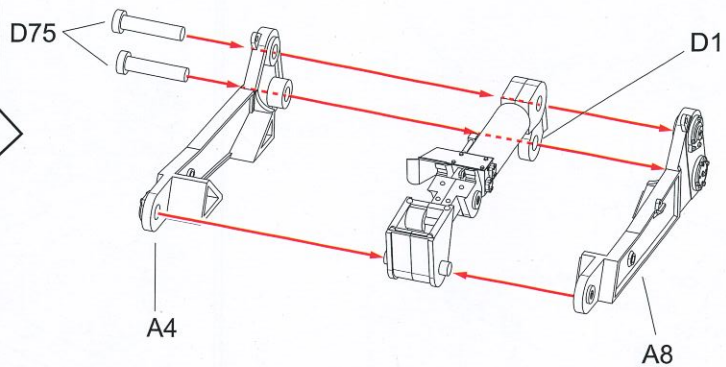
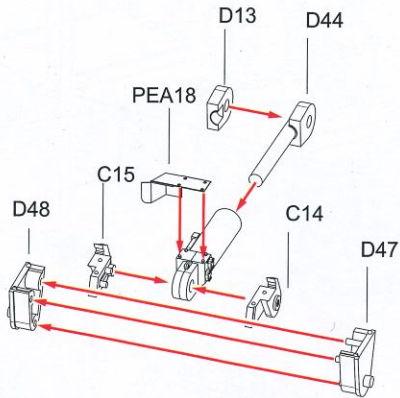
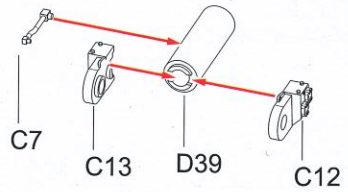
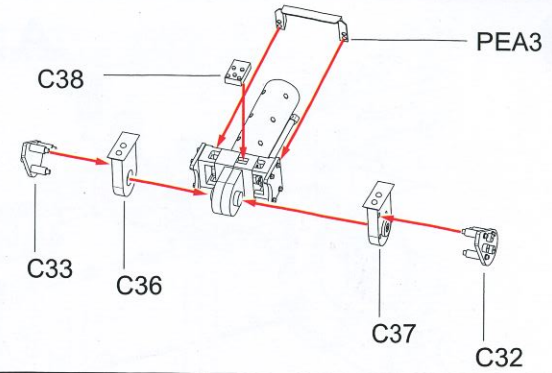
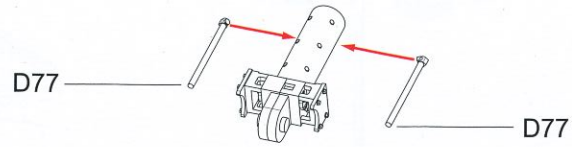
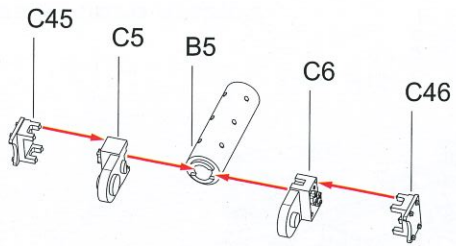


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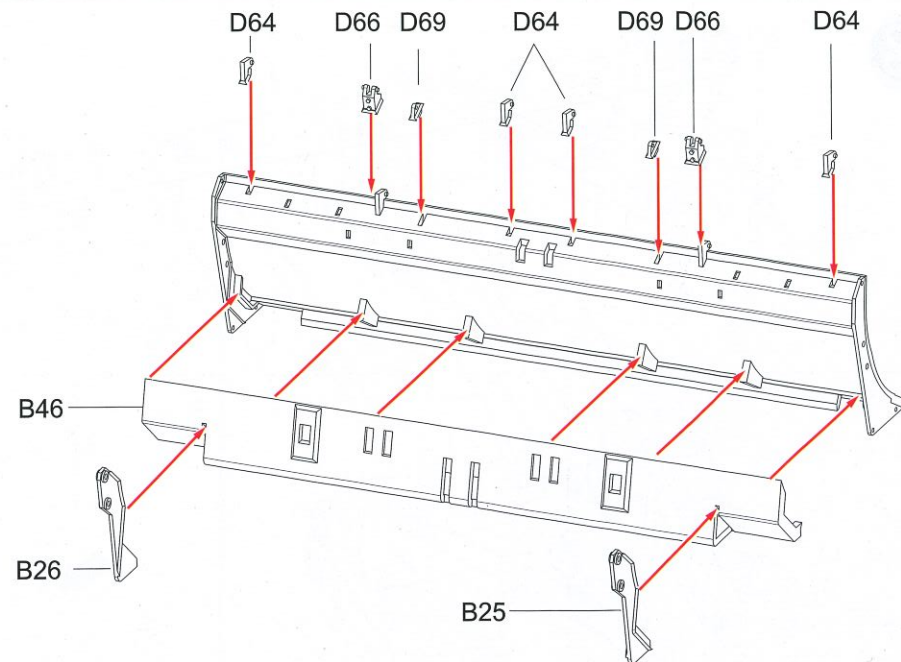
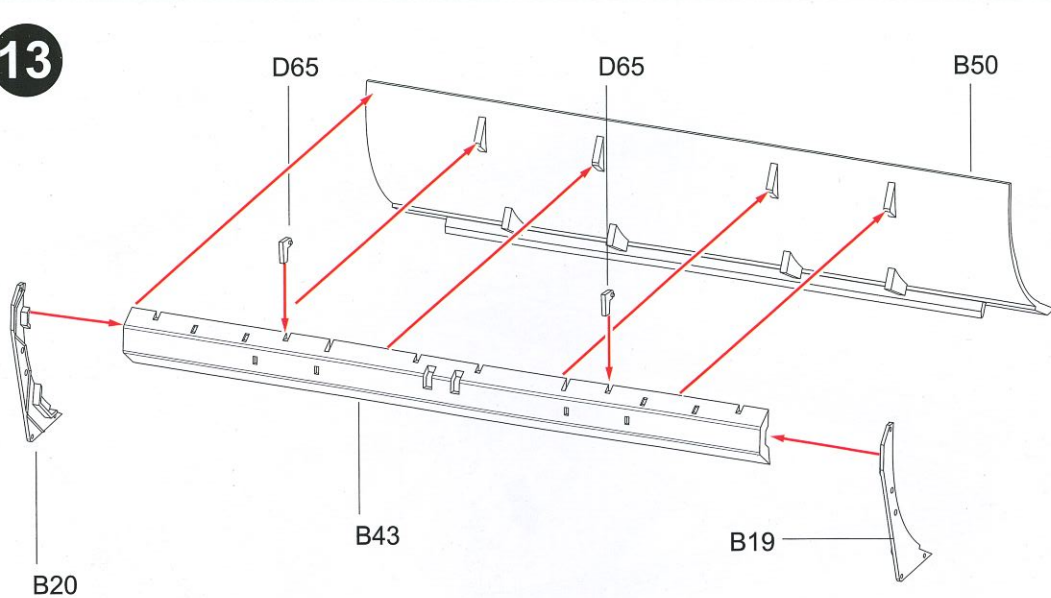
B The Swiss Version



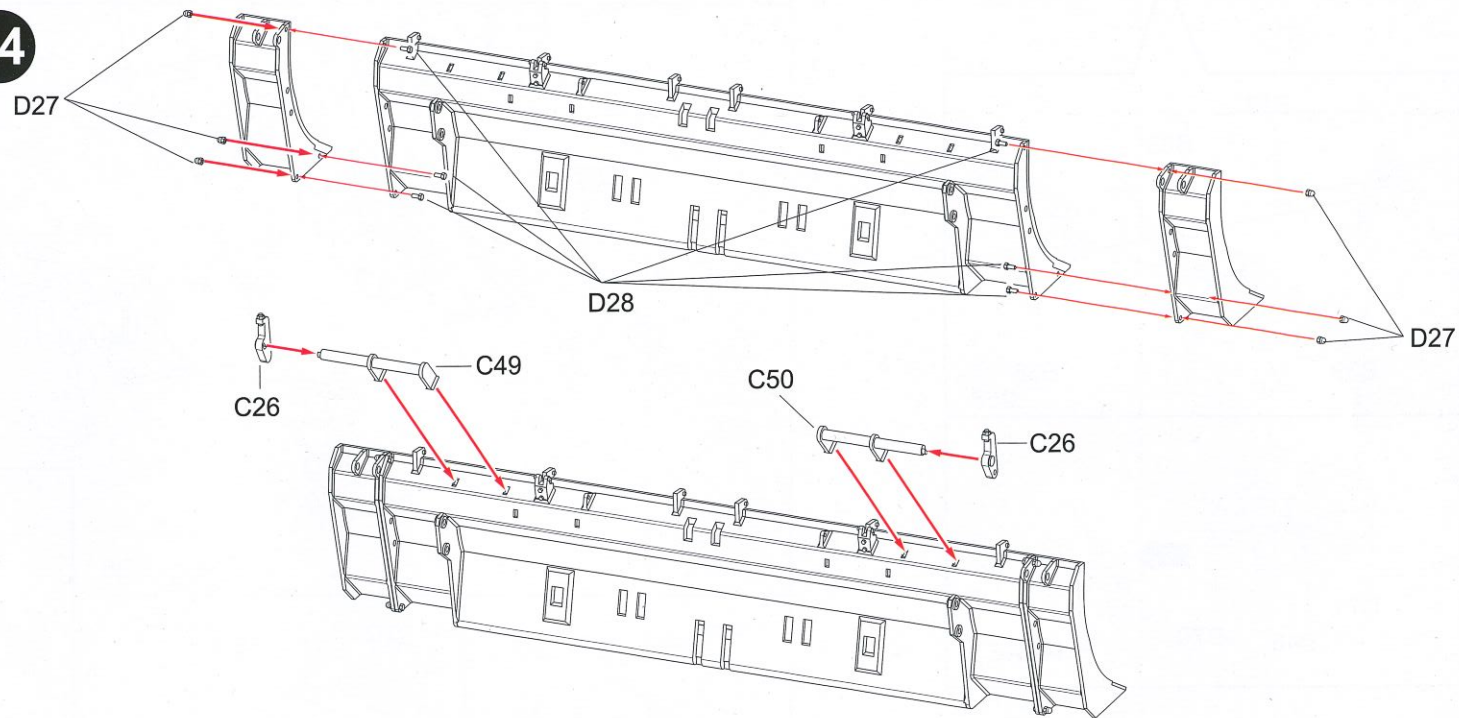
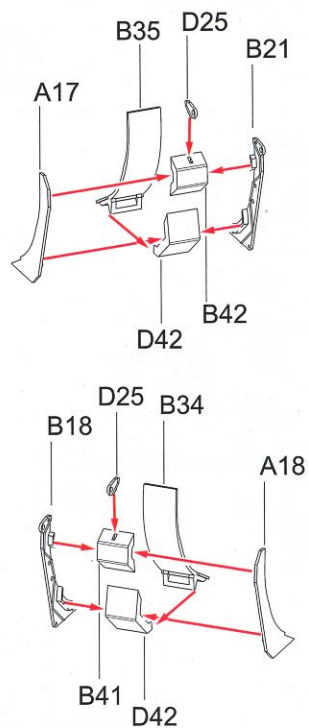
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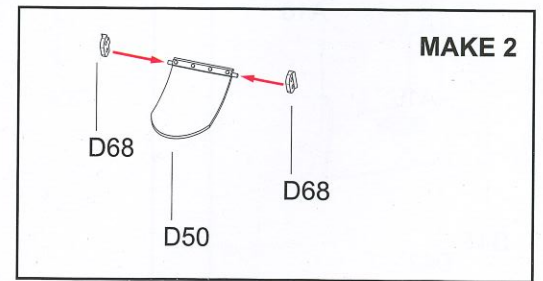
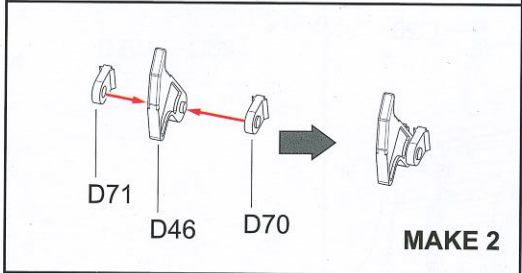
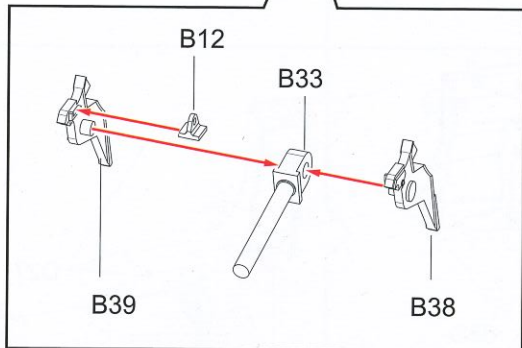
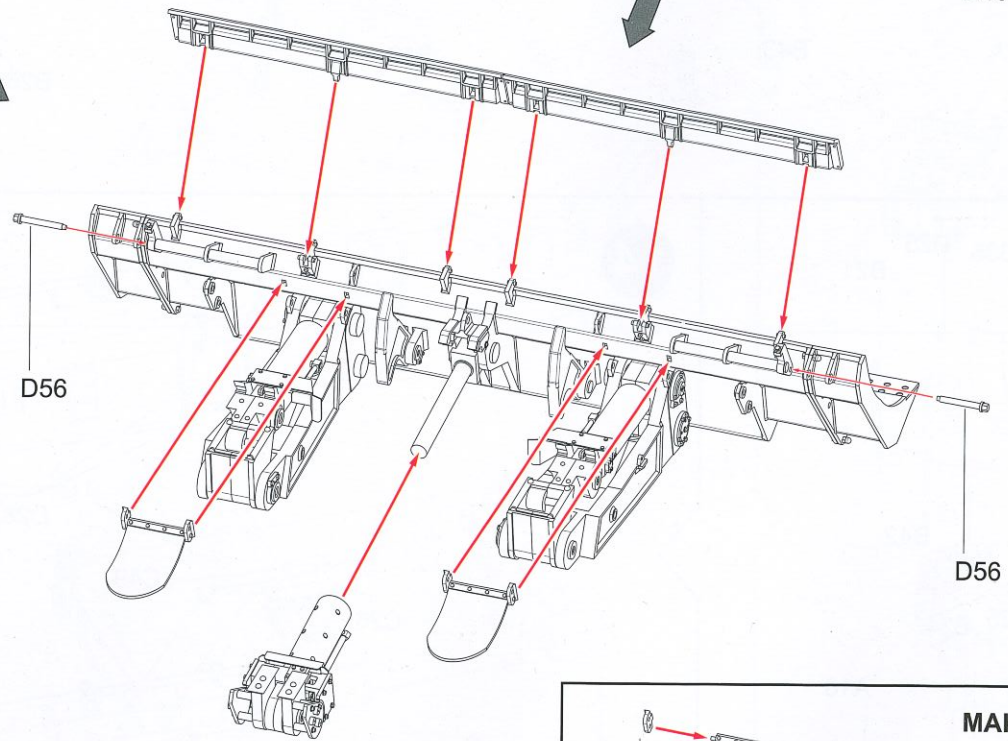
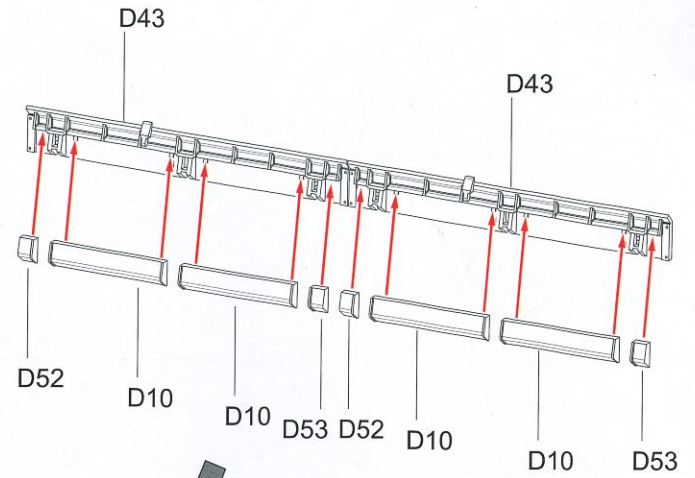
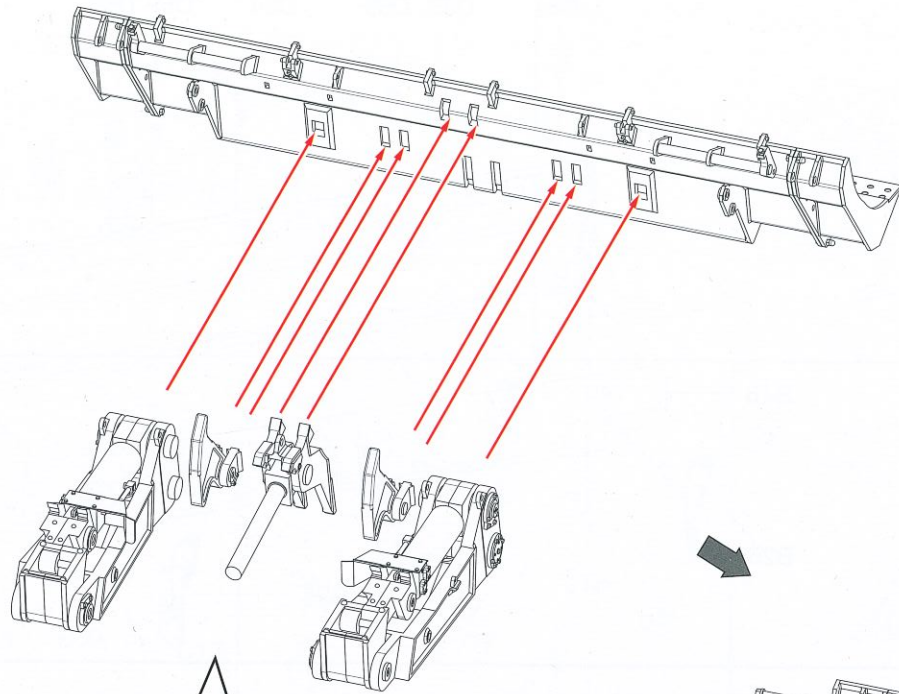
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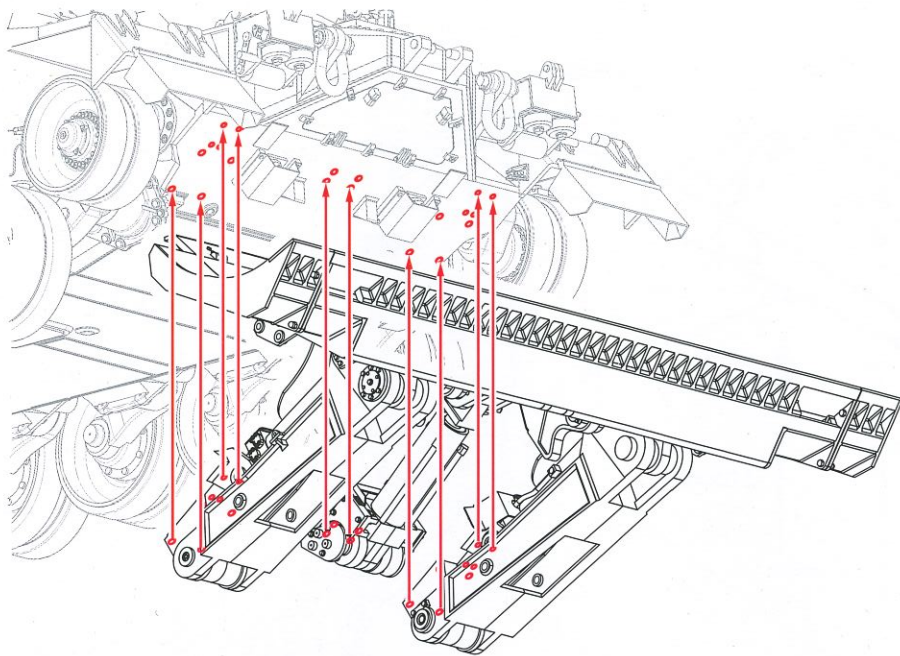
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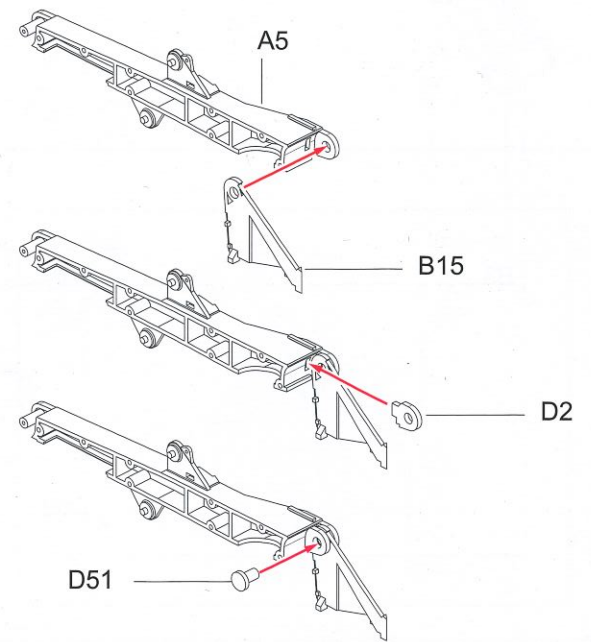
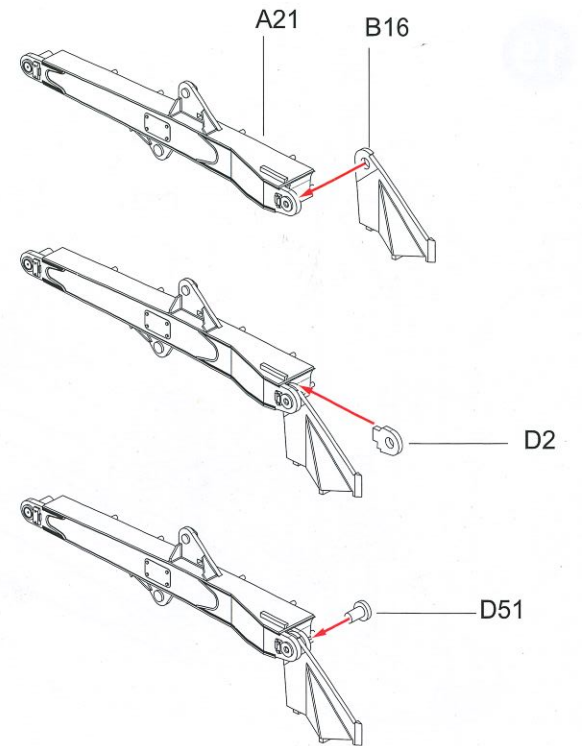
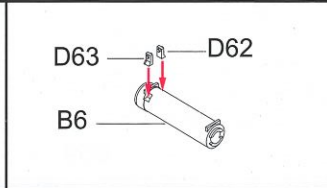
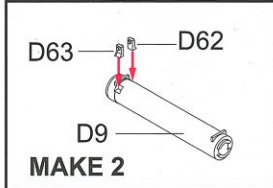
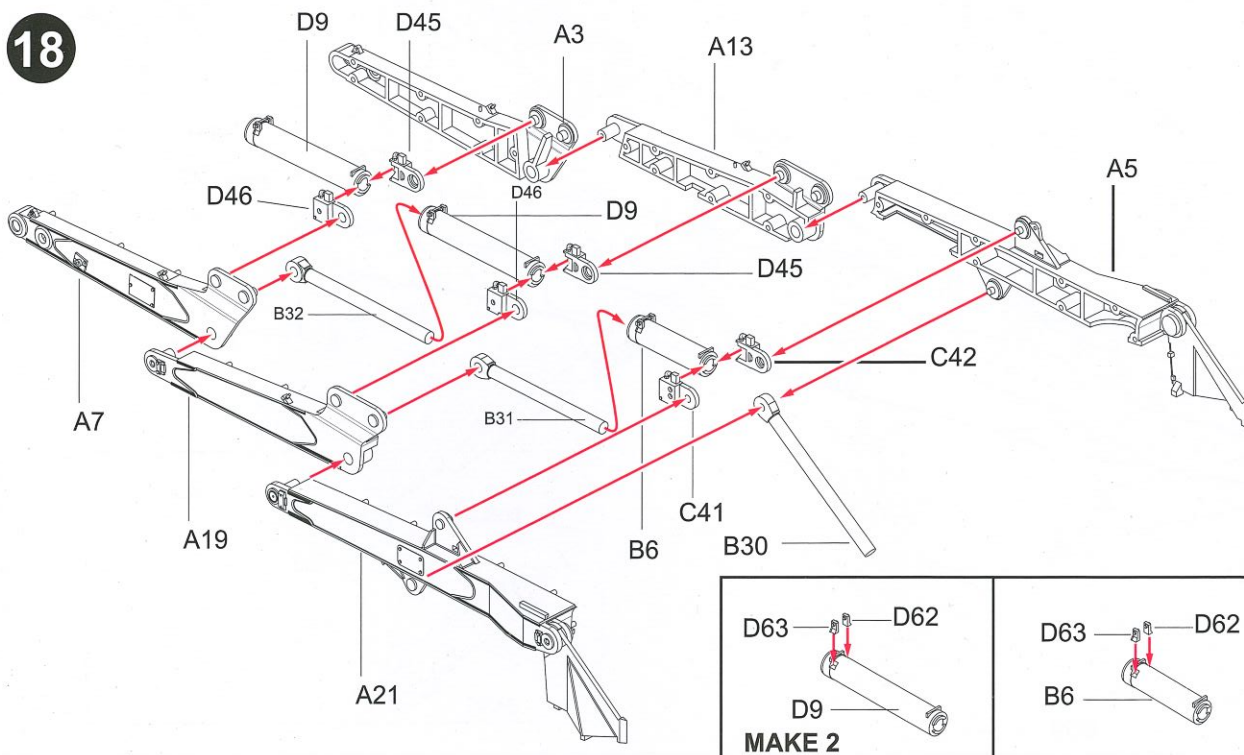
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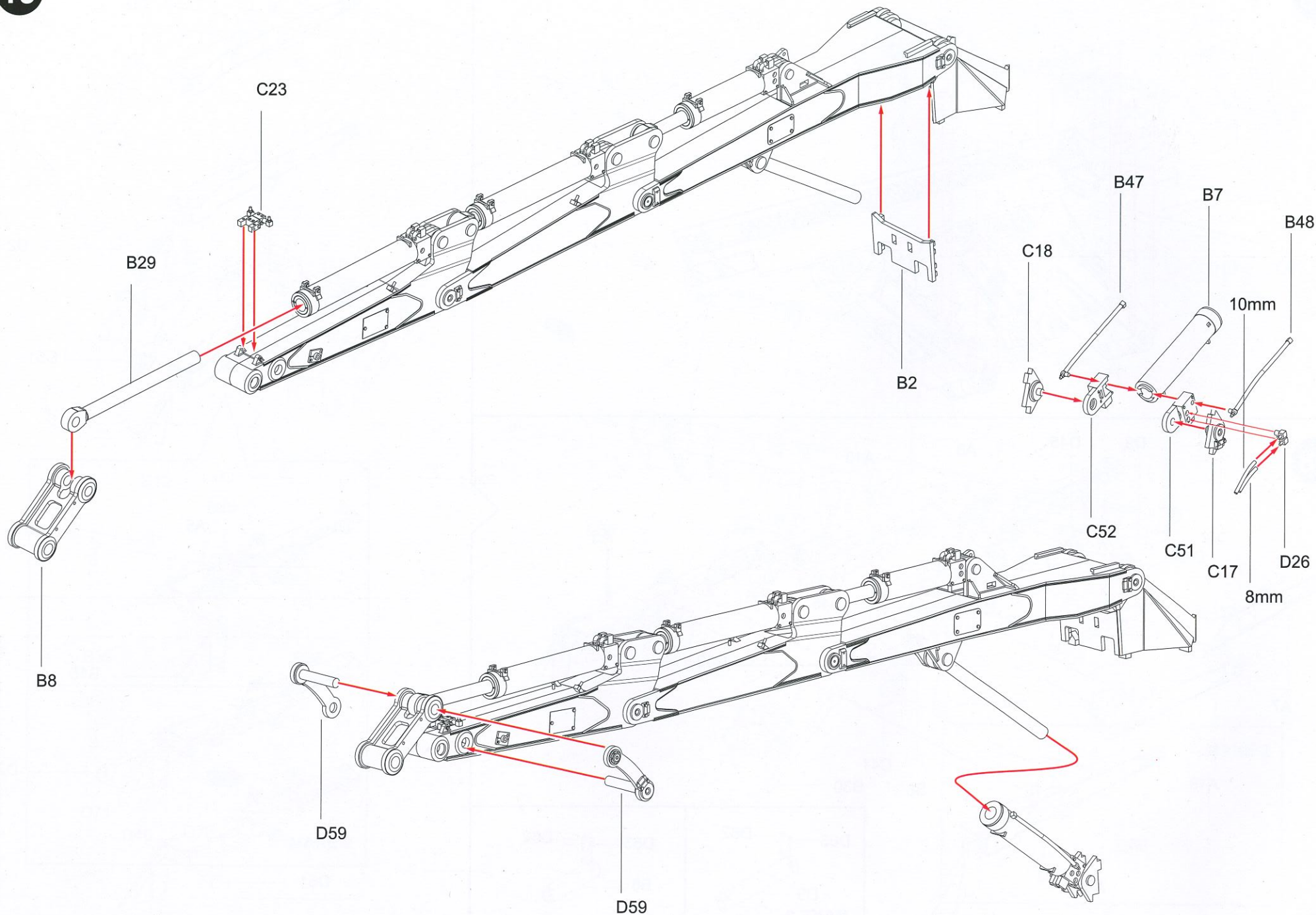
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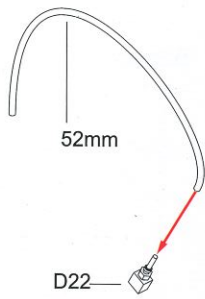
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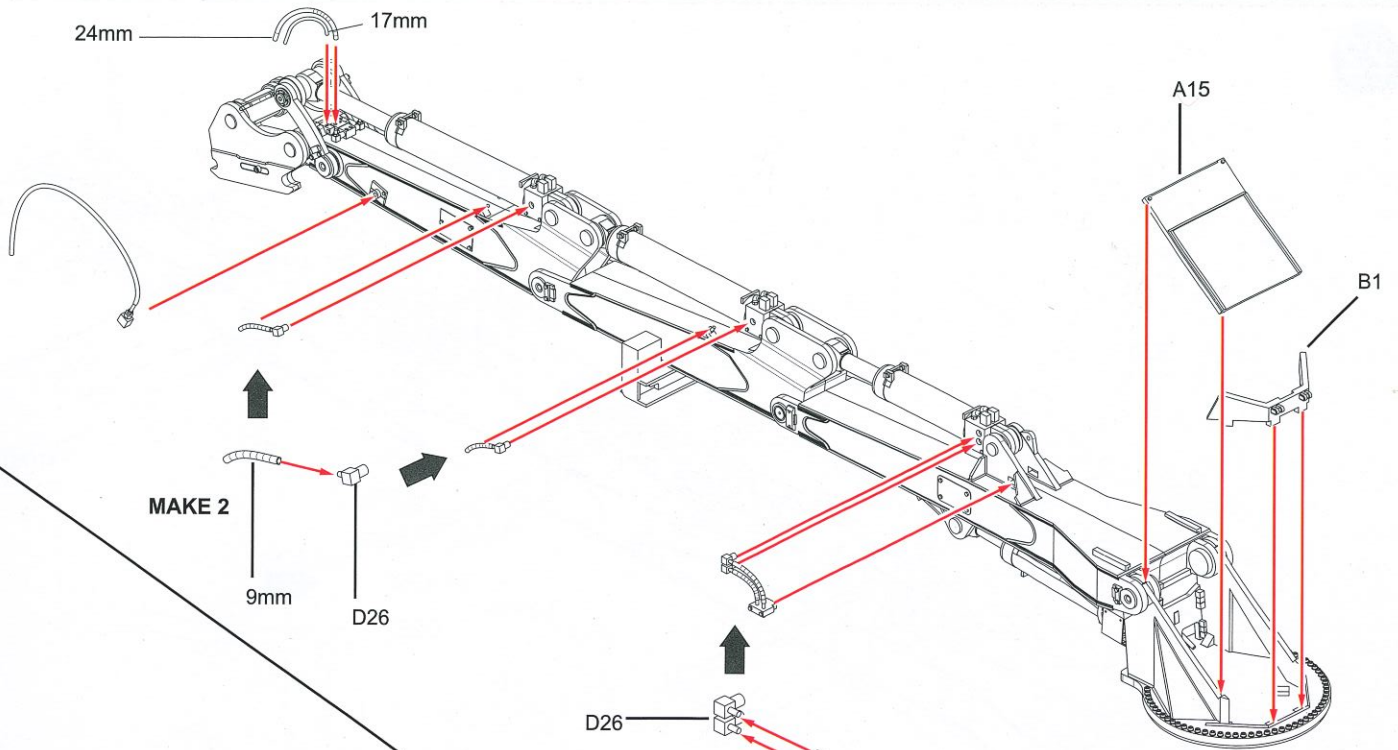
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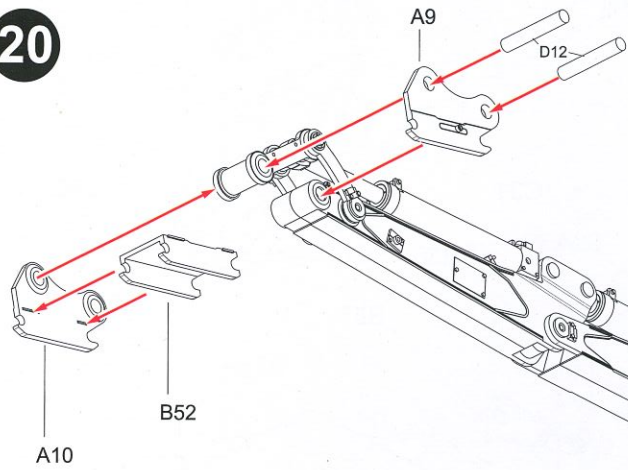
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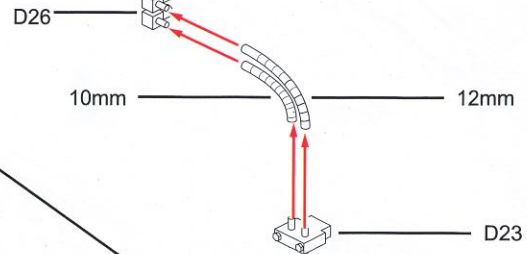
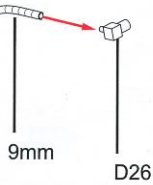
24mm 17mm



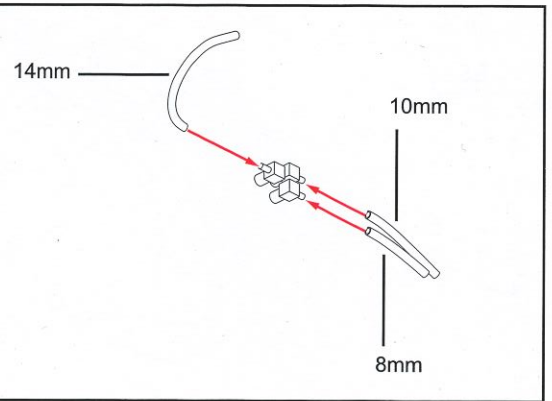
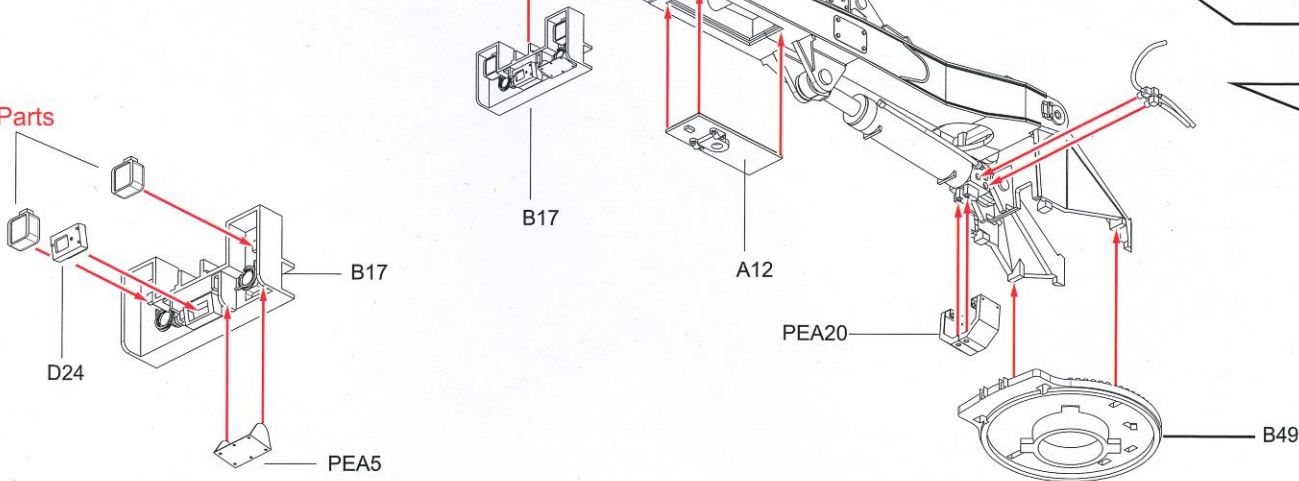
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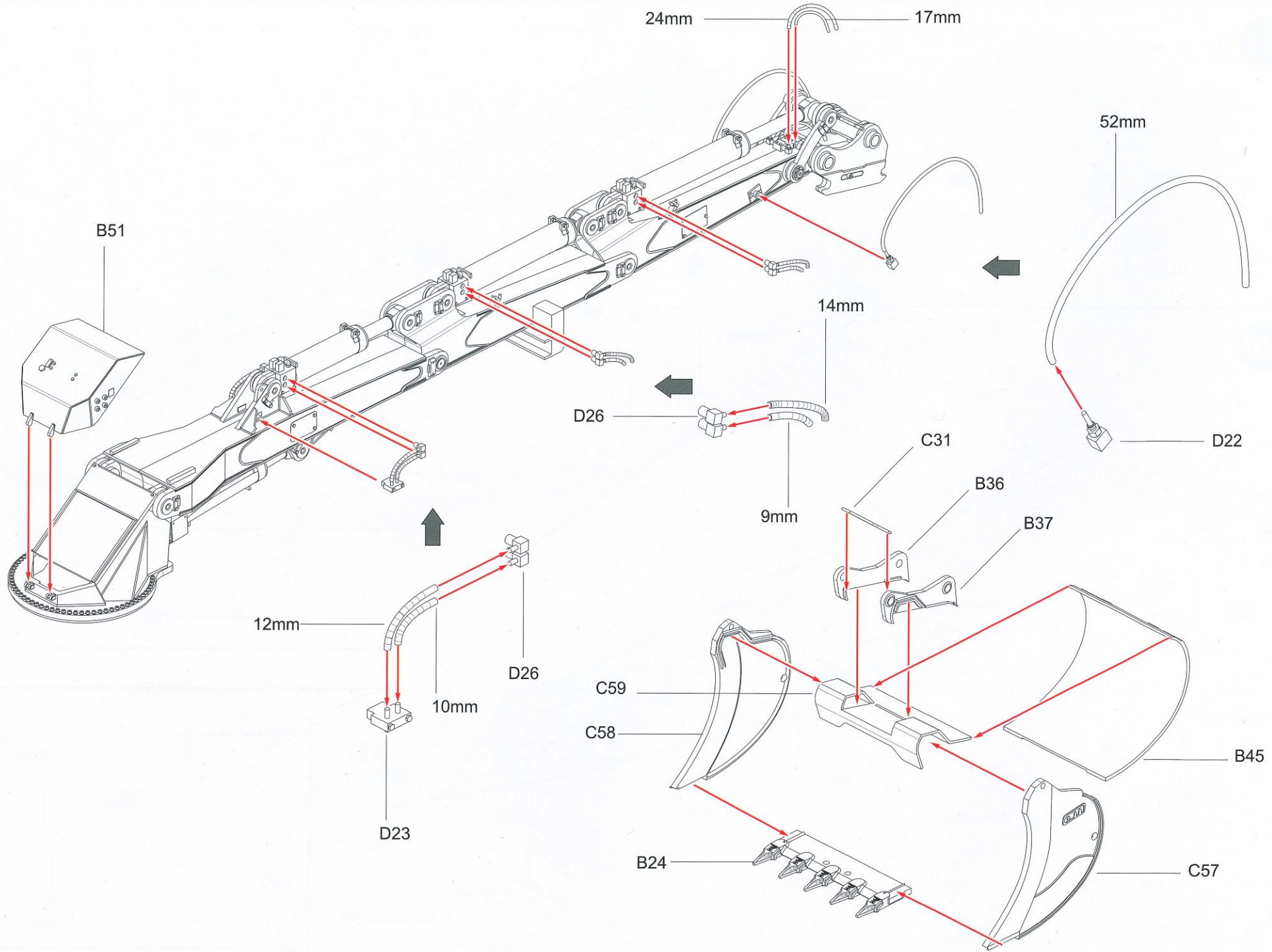


MAKE 2

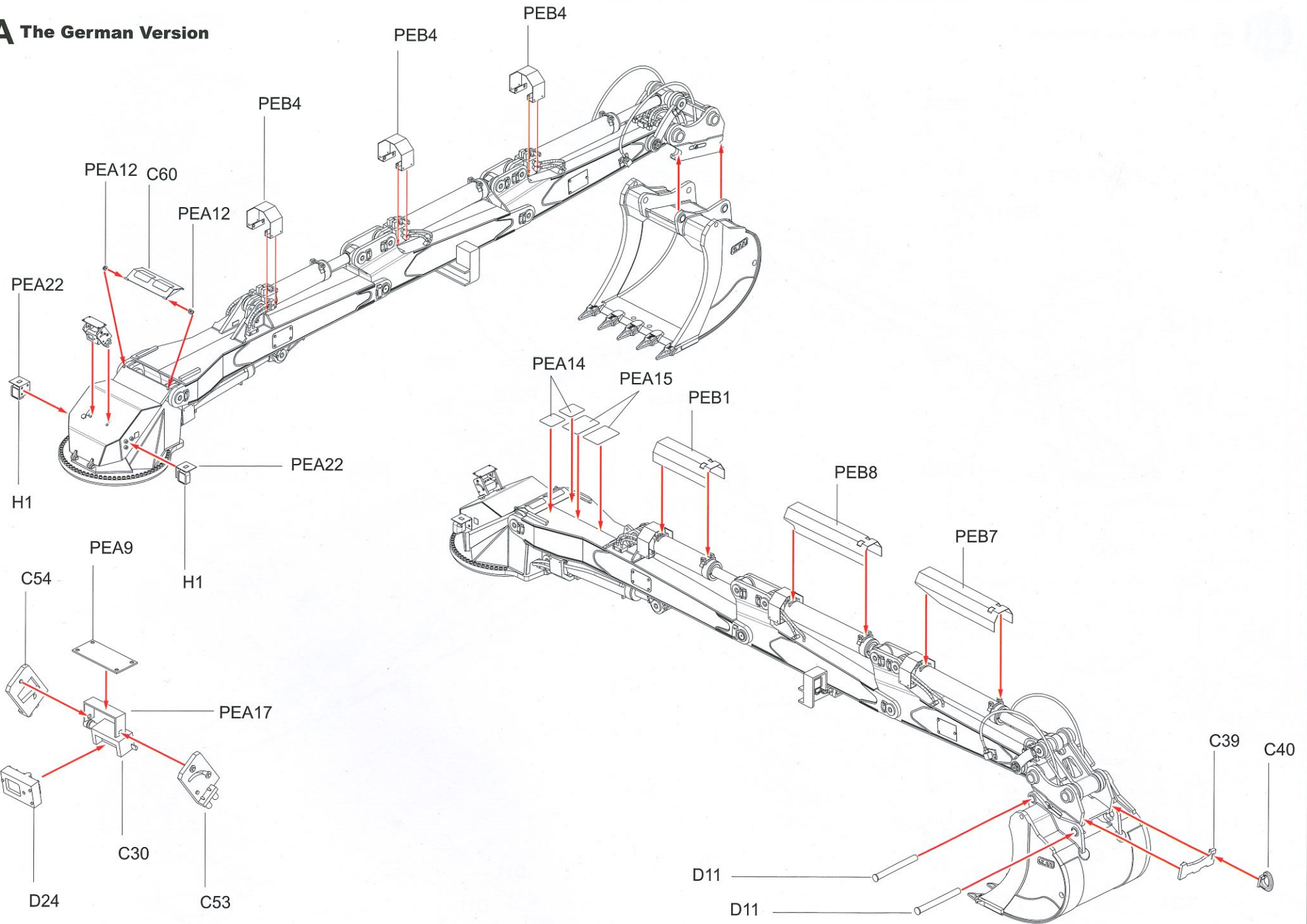


H2 Clear Parts

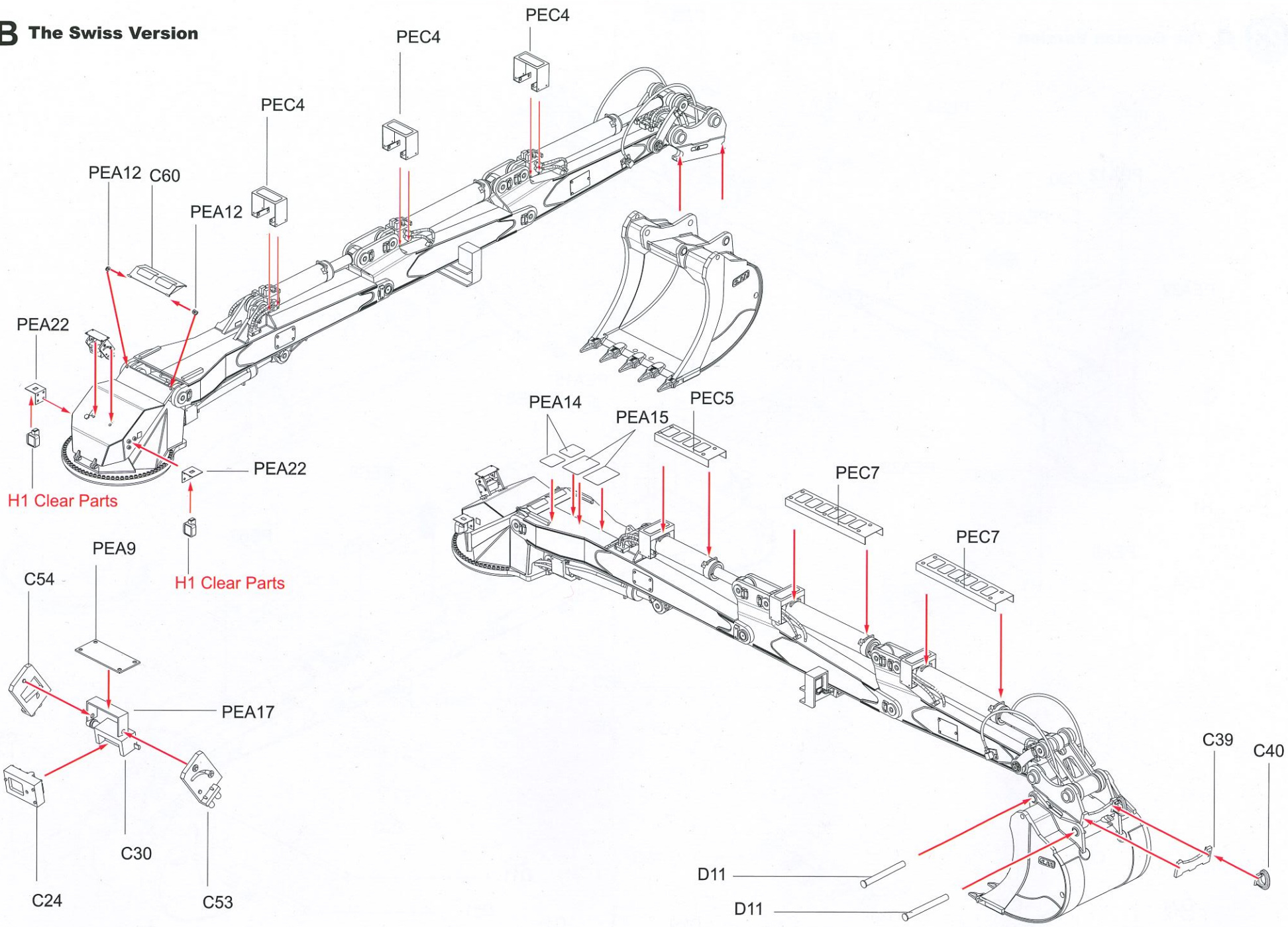




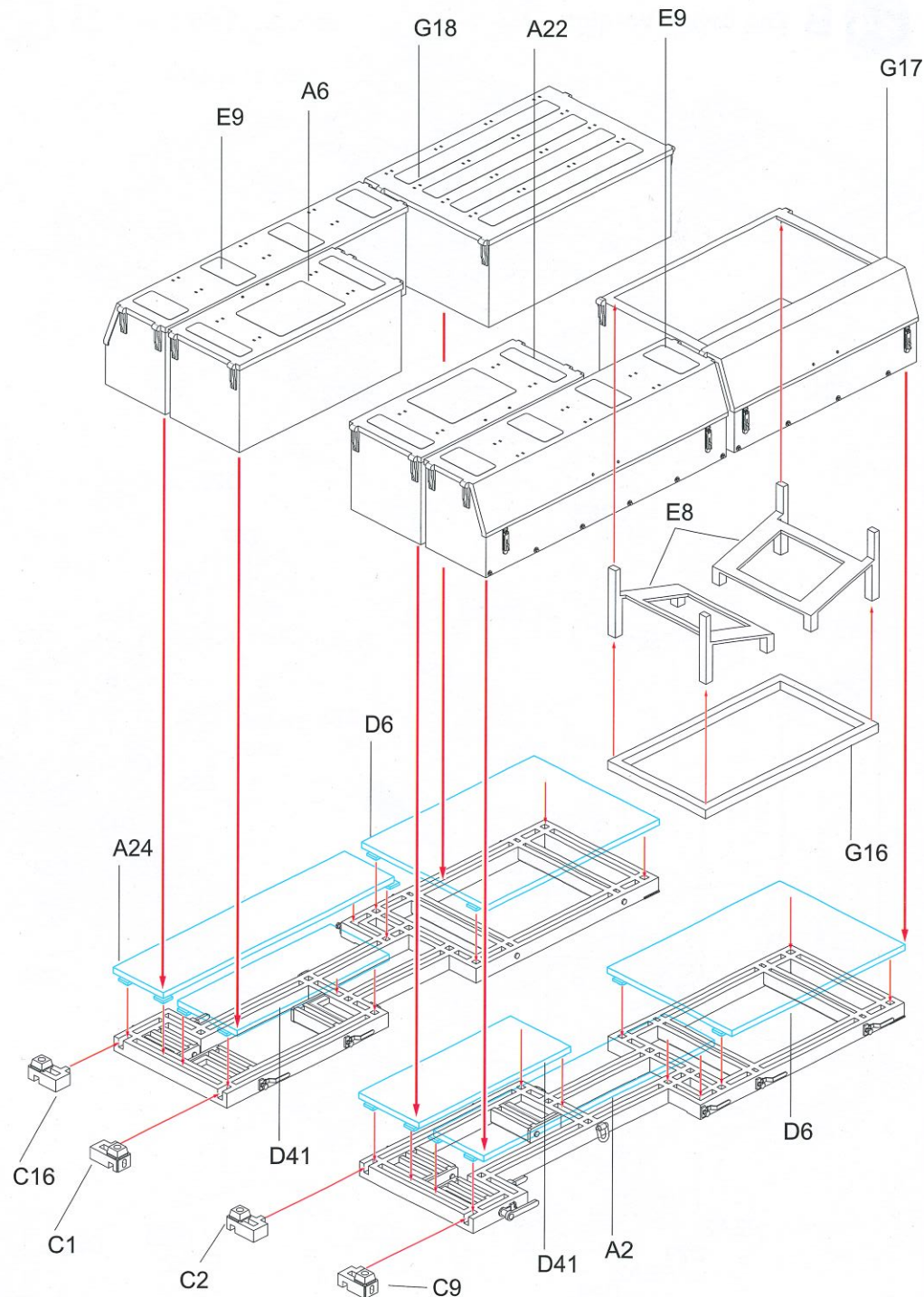
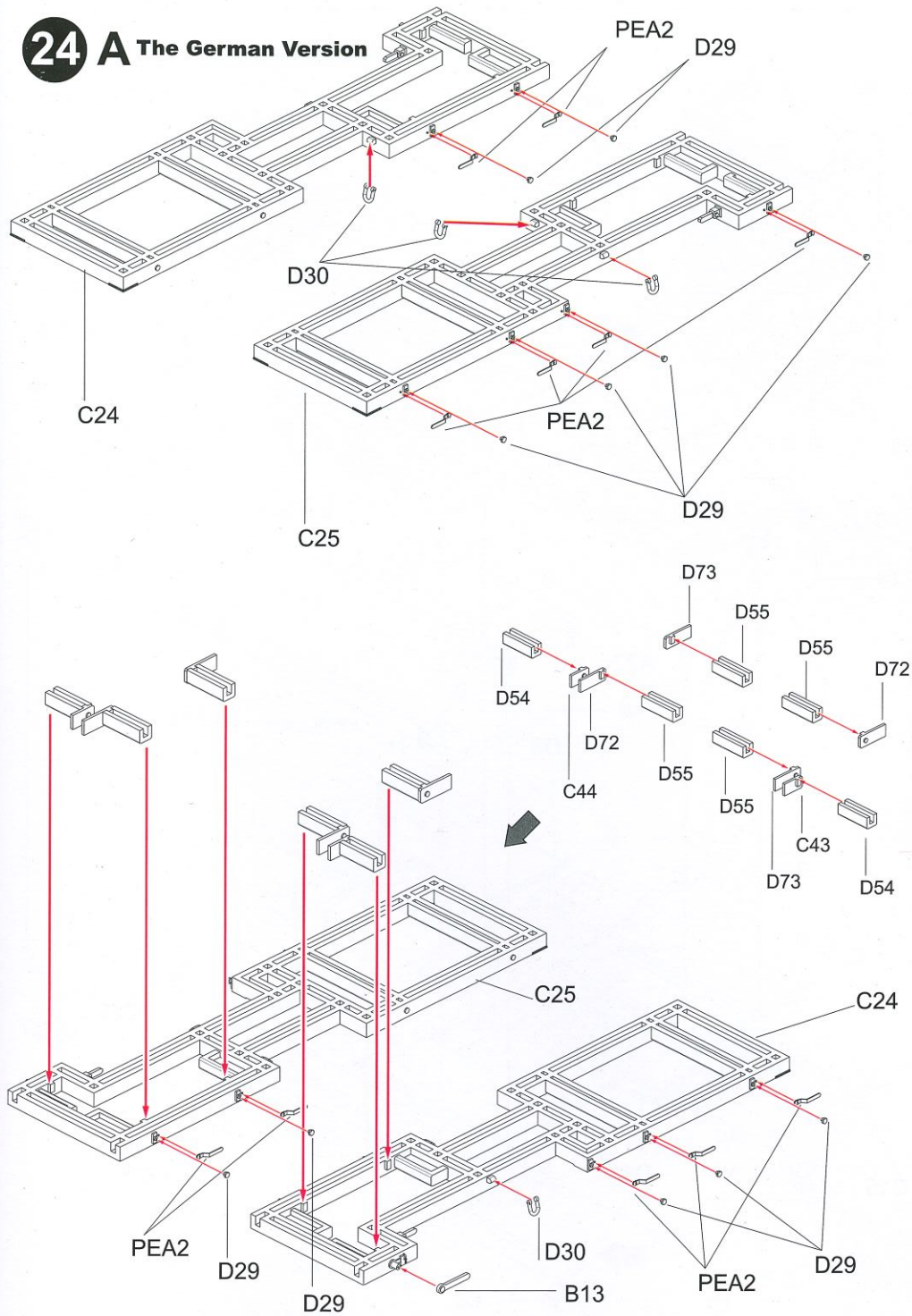
23 A The German Version



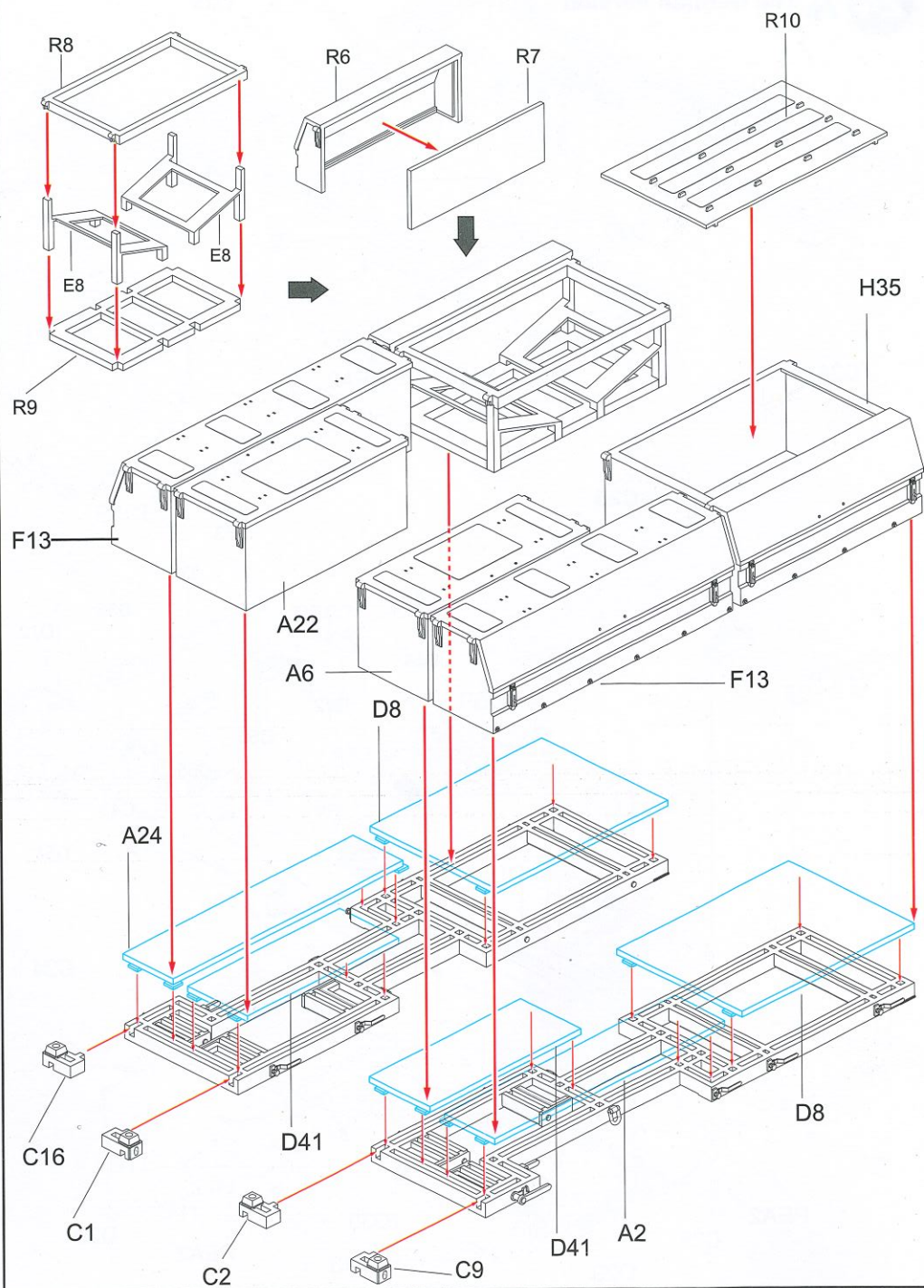
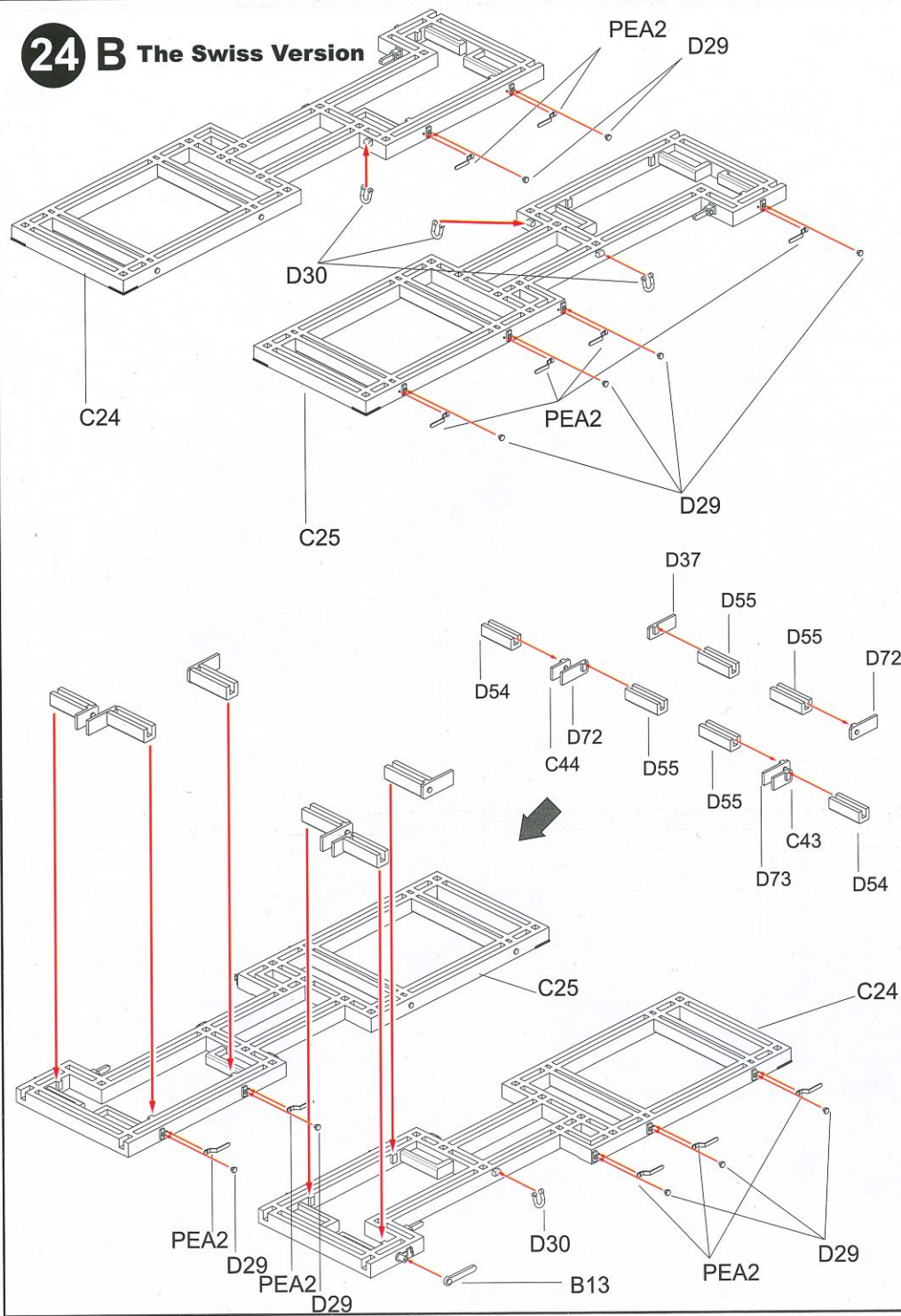
23 B The Swiss Version



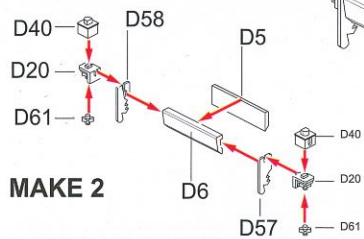
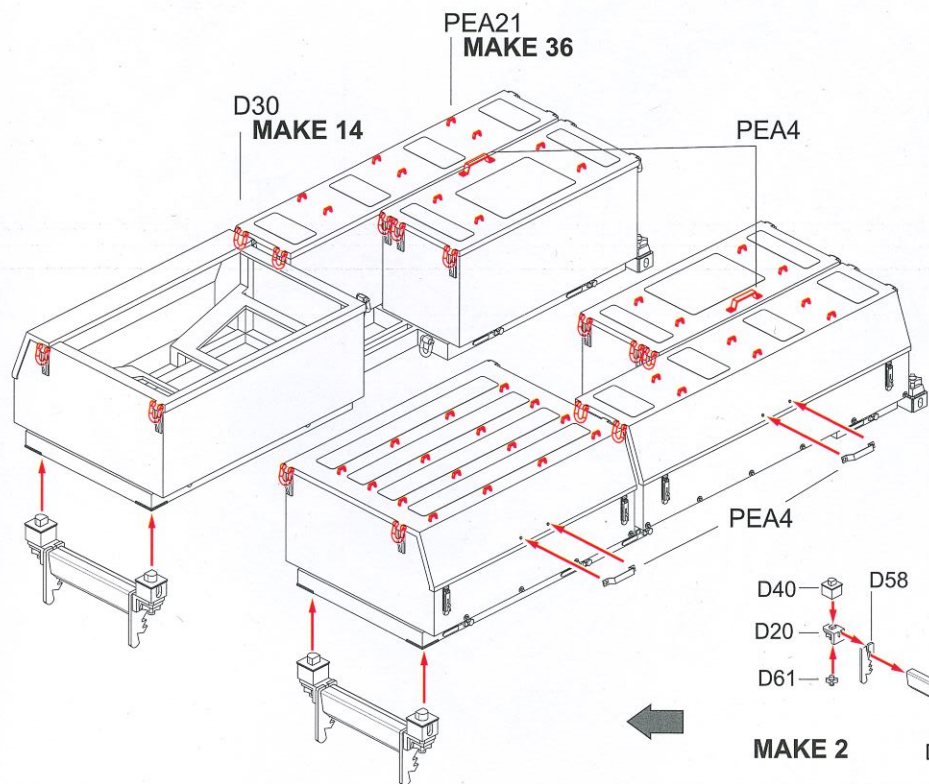
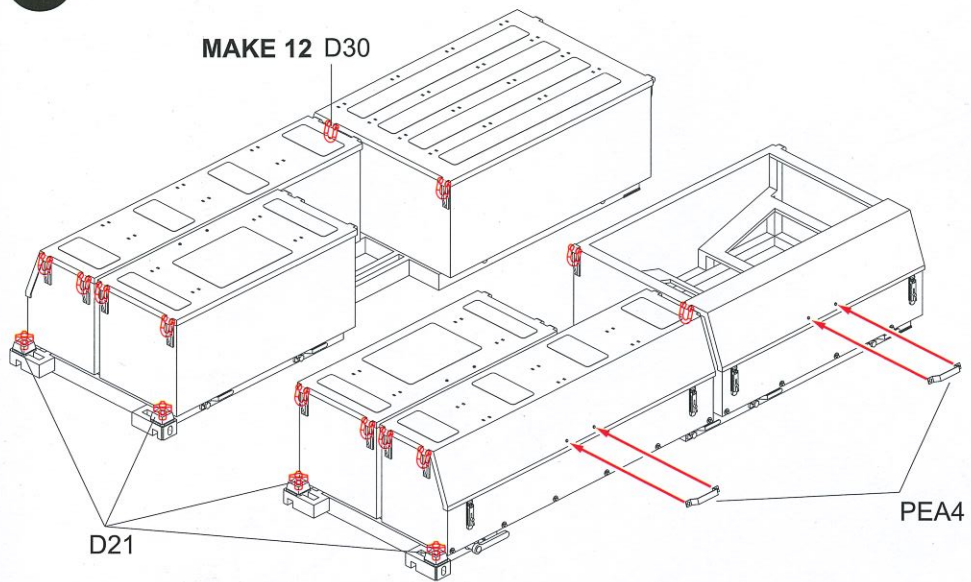
24 A The German Version



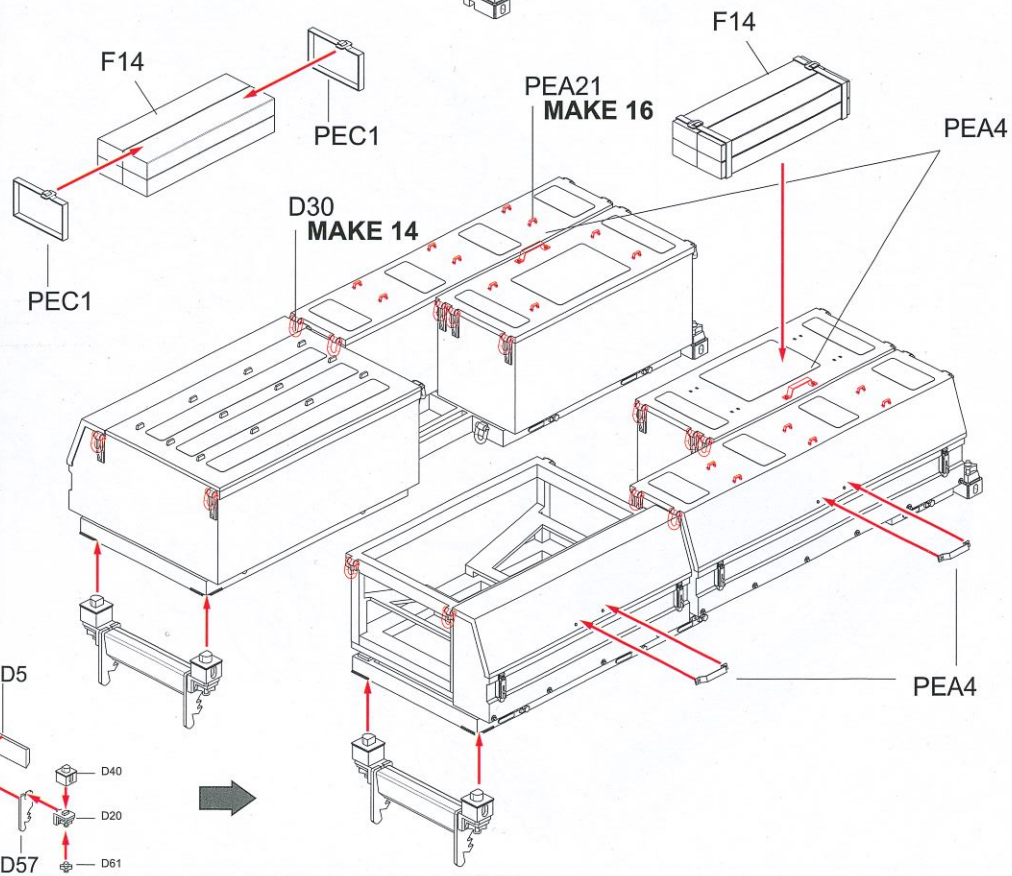
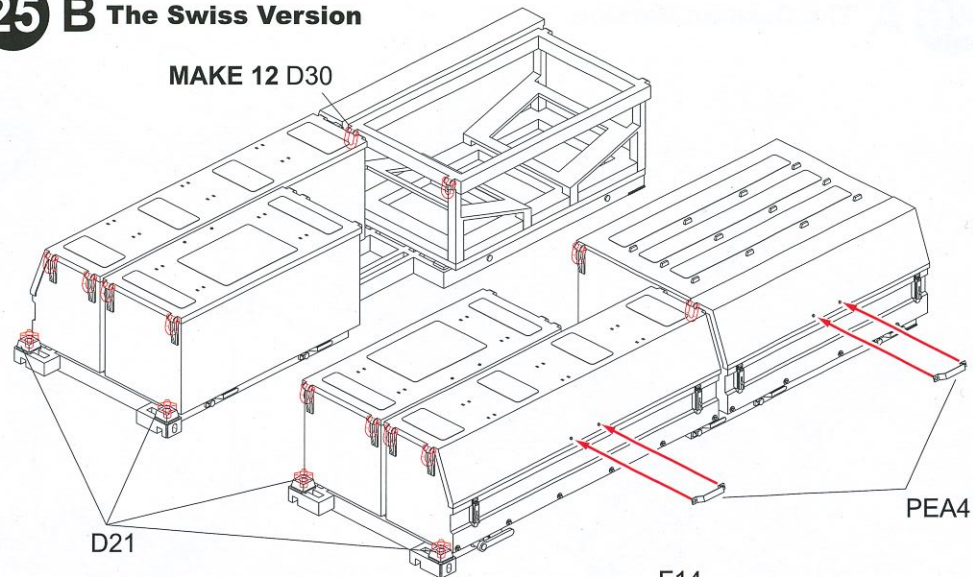
24 B The Swiss Version



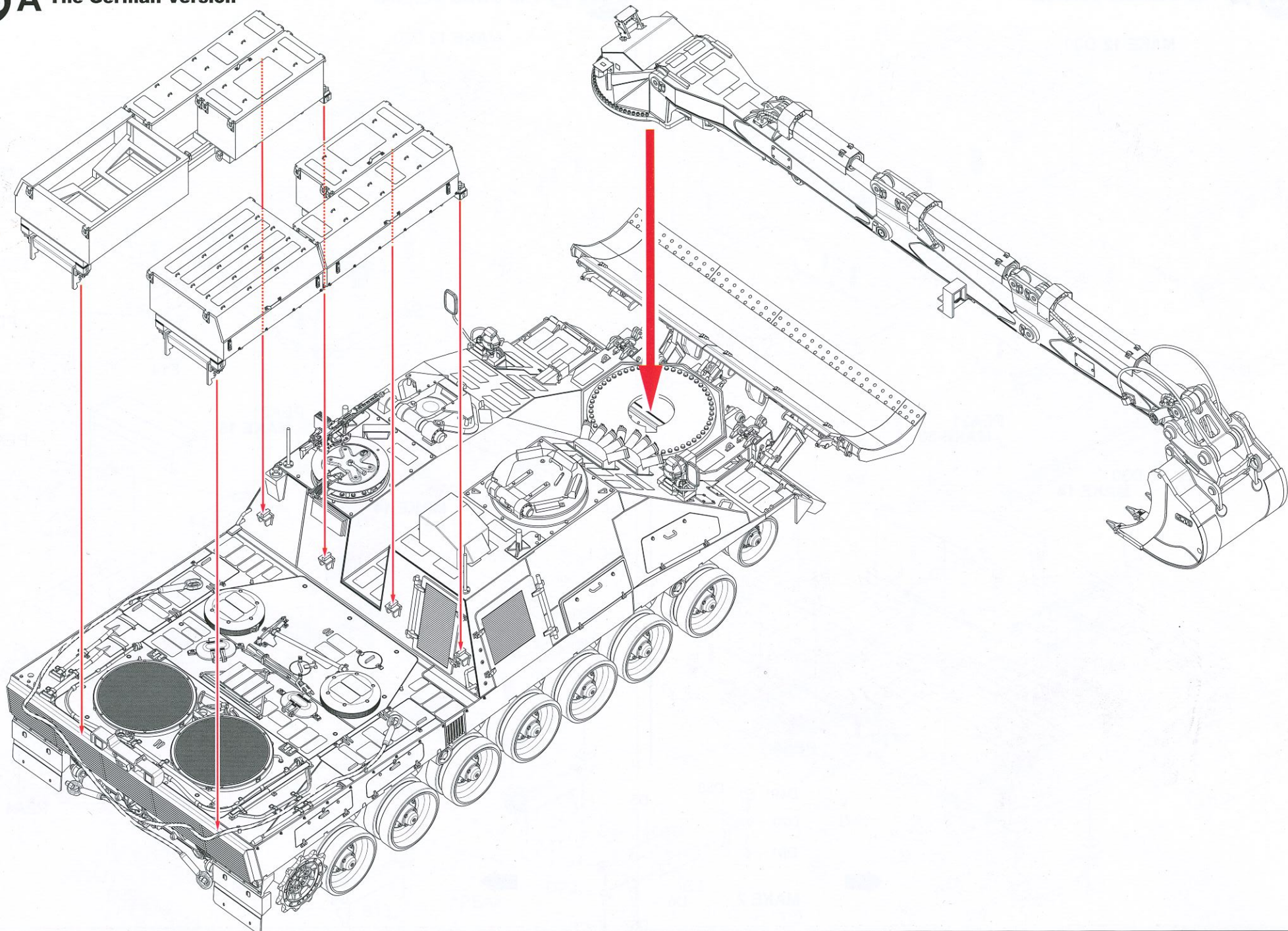
25 A The German Version



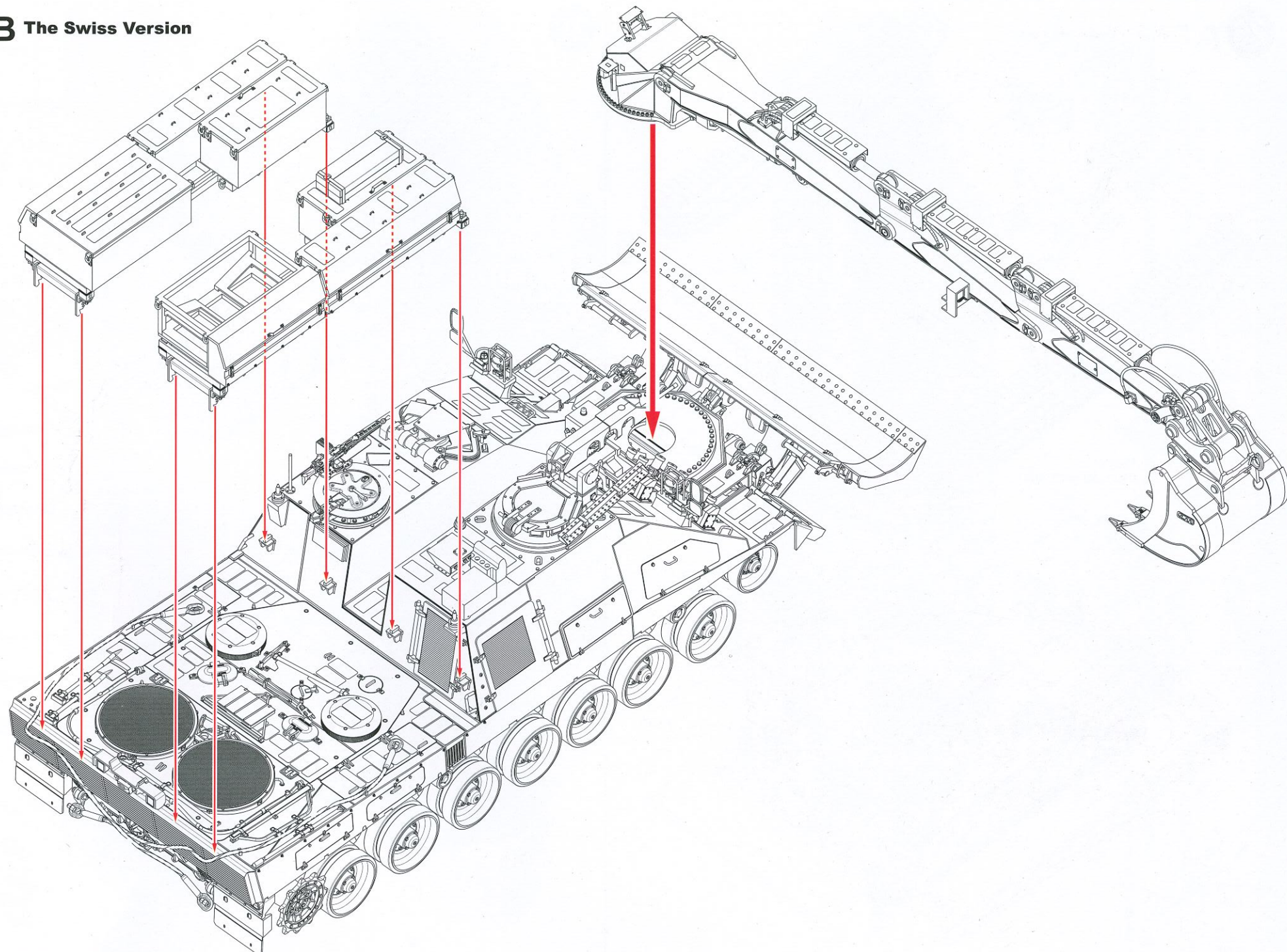
25 B The Swiss Version



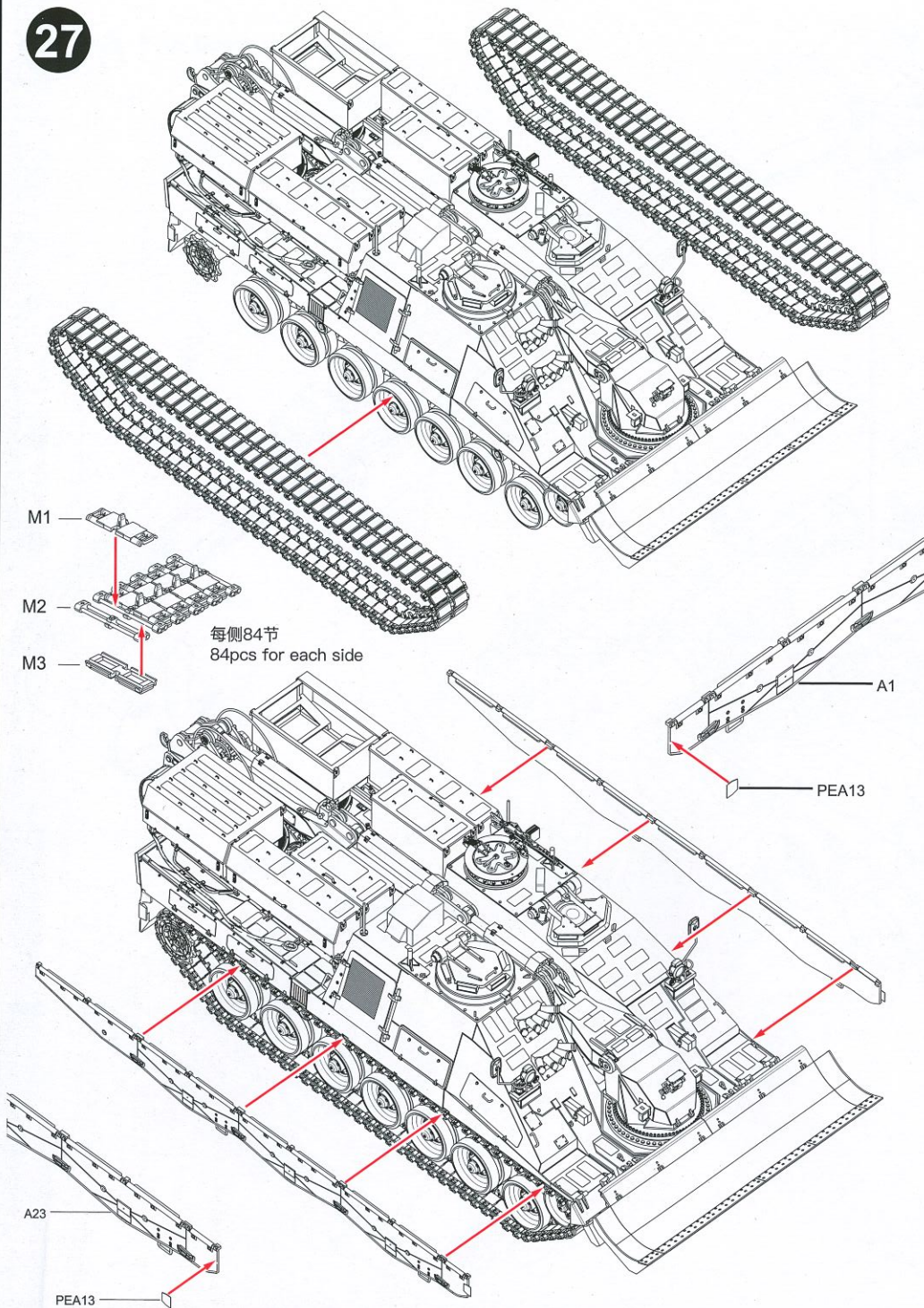
26 A The German Version



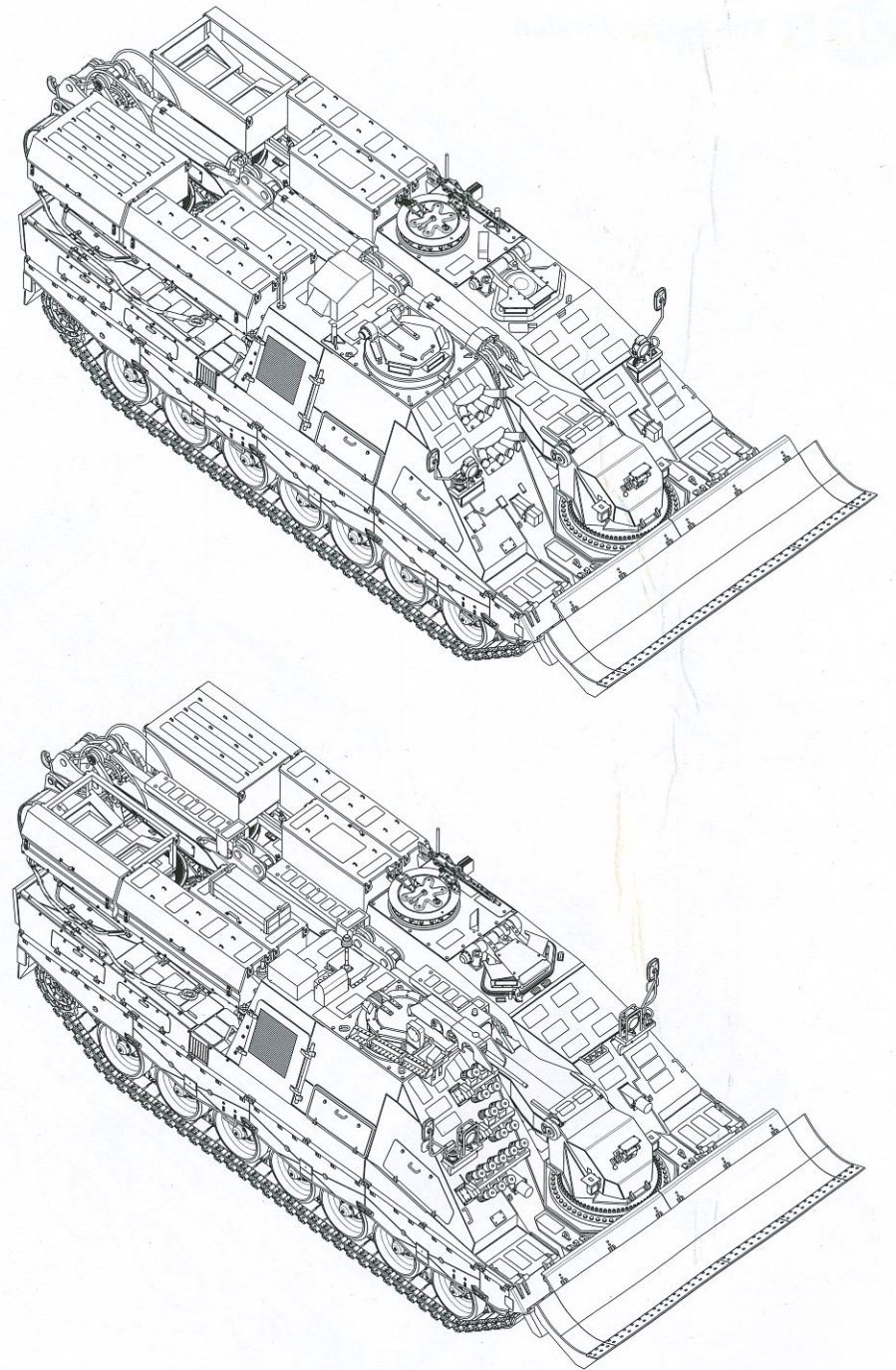
26 B The Swiss Version



27



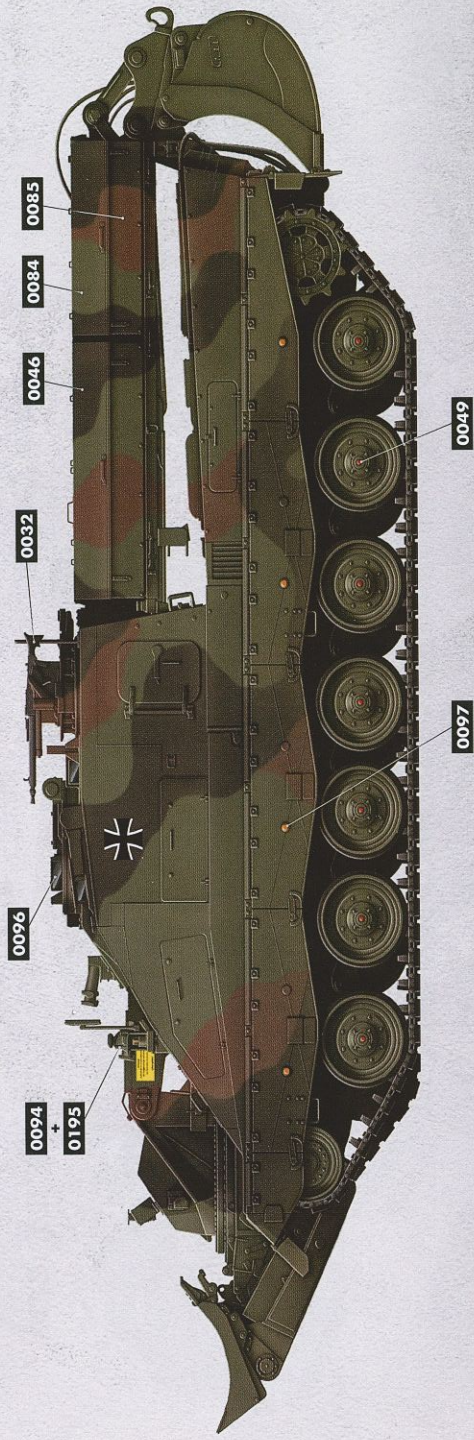
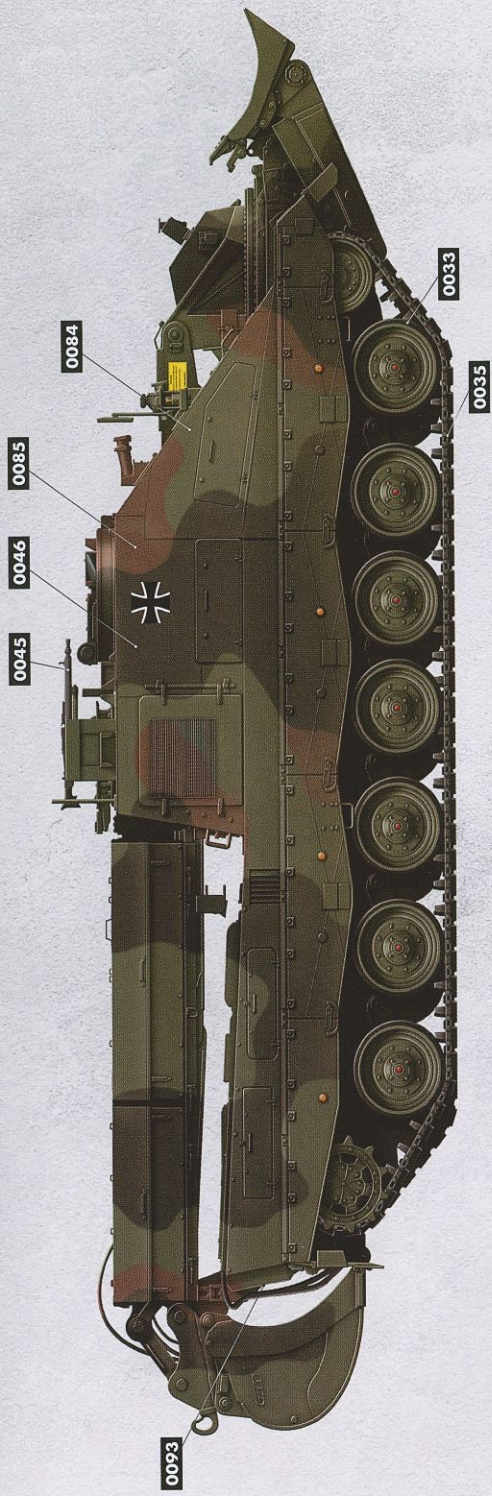
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PAINTING AND MARKING GUIDE

BORDER MODEL REF: BT-011 German Kodiak.

	A.MIG-0032 Swain Black		A.MIG-0033 Rubber & Tires		A.MIG-0035 Dark Tracks		A.MIG-0045 Gun Metal
	A.MIG-0046 Black		A.MIG-0049 Red		A.MIG-0084 Nato Green		A.MIG-0085 Nato Brown
	A.MIG-0094 Crystal Glass		A.MIG-0093 Crystal Red		A.MIG-0096 Crystal Periscope Green		A.MIG-0195 Silver



WEATHERING STEPS WITH AMMO PRODUCTS

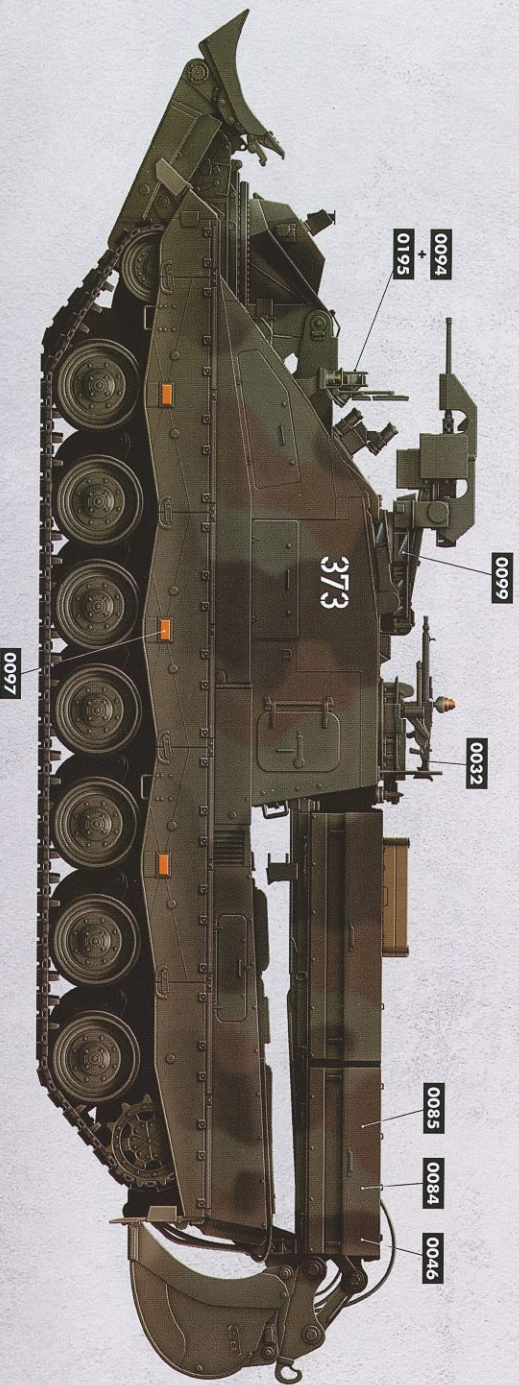
1 GENERAL WASH	A.MIG-1008 Dark Wash	7 MUD	A.MIG-1703 Moist Ground	9 FUEL	A.MIG-1409 Fuel Stains
2 FILTER	A.MIG-1508 Green for Grey Green	8 SPLASHES	A.MIG-1752 Loose Ground	10 OIL	A.MIG-1408 Fresh Engine Oil
3 STREAMING	A.MIG-1253 Streaking/brusher Grime	5 RAINMARKS	A.MIG-1208 Rainmarks Effects		
4 WHEELS WASH	A.MIG-1403 Earth	6 DUST	A.MIG-3030 Factory Dirt Ground Pigment		

KODIAK

PAINTING AND MARKING GUIDE

BORDER MODEL REF: BT-011 Swiss Kodiak.

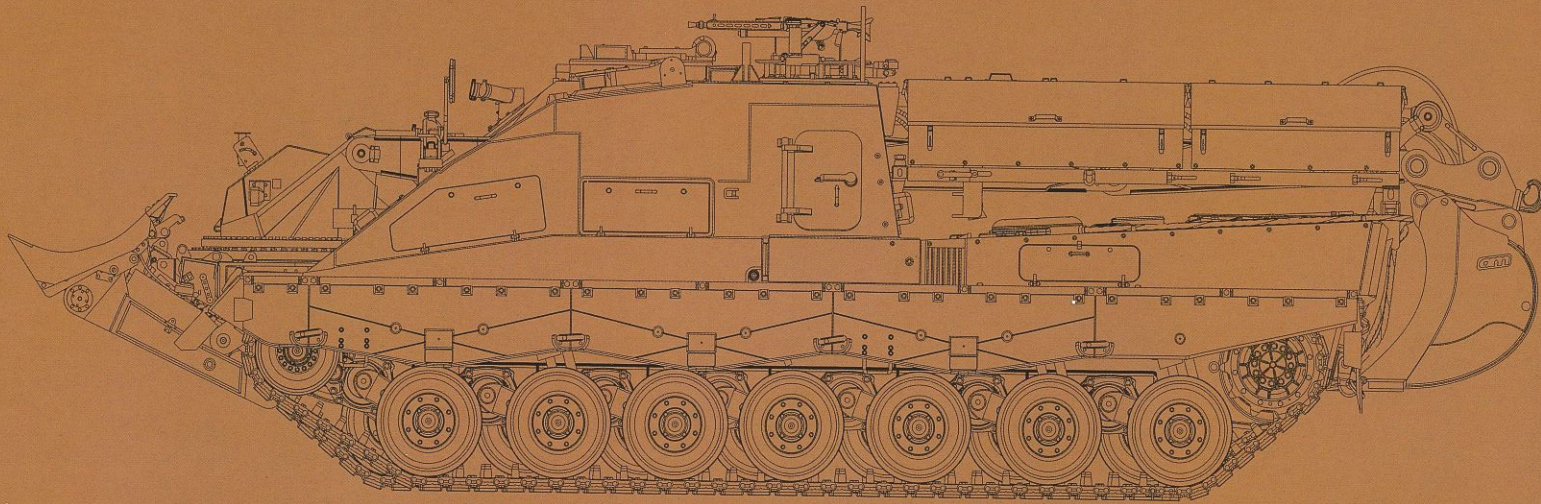
	A.MIG-0032 Swain Black		A.MIG-0033 Rubber & Tires		A.MIG-0035 Dark Tracks		A.MIG-0040 Medium Rust
	A.MIG-0045 Gun Metal		A.MIG-0046 Black		A.MIG-0084 Nato Green		A.MIG-0085 Nato Brown
	A.MIG-0094 Crystal Glass		A.MIG-0093 Crystal Red		A.MIG-0099 Crystal Pariscopes Green		A.MIG-0195 Silver



WEATHERING STEPS WITH AMMO PRODUCTS

1 GENERAL WASH	A.MIG-1008 Dark Wash	3 STREAKING	A.MIG-1253 Streakingbrusher Grime	5 RAINMARKS	A.MIG-1208 Rainmarks Effects	7 MUD	A.MIG-1703 Moist Ground	9 FUEL	A.MIG-1409 Fuel Stains
2 FILTER	A.MIG-1508 Green for Grey Green	4 WHEELS WASH	A.MIG-1403 Earth	6 DUST	A.MIG-3030 Factory Dirt Ground Pigment	8 SPLASHES	A.MIG-1752 Loose Ground	10 OIL	A.MIG-1408 Fresh Engine Oil

Border



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