

# 17 pdr Self-propelled Gun 'Archer'

## 1/35 SCALE

### “弓箭手” 17磅反坦克自走炮



When the 17 Pounder Anti-Tank gun entered service in 1942, a great deal of time was spent trying to mount this powerful weapon in a suitable vehicle. The Valentine tank was one vehicle that was put forward in the Spring of that year. Vickers were asked by the Ministry of Supply to try and adapt the Valentine chassis to mount the 17 Pounder. The result was the Archer, which featured a low open-top superstructure, which was ready for trials in March 1943. The Archer was a unique design, with the gun mounted backwards over the engine deck to reduce the length of the vehicle. This layout proved highly effective as the Archer could be reversed into fire positions, and quickly driven out of danger if the need arose. The Archer was relatively small and compact, it weighed only 16 tonnes and had a road speed of 32km/h. However changes to the gun mounting and other details meant that the Archer was not mass produced until mid-1944. The 17 Pounder gun firing APCBC ammunition could penetrate 140mm of armour angled at 30 degrees at a range of 1,000 meters. It was well able to destroy German Tiger and Panther tanks at battle ranges. The Archer was mostly issued to the Anti-Tank Regiments of the Royal Artillery attached to Infantry Divisions. Archers served in small numbers after WWII and some were exported to friendly nations. Over 800 Archers were ordered, but only about 665 were built before the war ended.

Story by Phil Greenwood

Die britische 17-Pfünder Panzerabwehrkanone wurde 1942 eingeführt. Das Geschütz konnte mit APCBC Projektilen 140mm Panzerung im Winkel von 30 Grad in 1000 m Entfernung durchdringen. Damit war endlich eine Abwehr der deutschen Tiger und Panther Panzer auf die damals üblichen Kampferfernungen möglich. Natürlich wurde mit großem Aufwand versucht, das eigentlich gezogene Geschütz auf ein Panzerfahrzeug zu montieren. Die Wahl fiel auf den Valentine Infanteriepanzer. Die Vickers Werke wurden beauftragt, das Valentine Chassis an die 17-Pfünder anzupassen. Als Ergebnis präsentierte man den ARCHER (Bogenschütze), eine Selbstfahrlafette mit einem relativ niedrigen, oben offenen Aufbau. Als Design war der ARCHER einzigartig, die Kanone zeigte nach hinten und reduzierte dadurch die Gesamtlänge. Ein weiterer Vorteil war, dass das Fahrzeug nach einem Schusswechsel bei Gefahr umgehend die Stellung wechseln konnte. Der Panzer selbst war recht klein und kompakt, wog nur 16 Tonnen und schaffte 32 km/h auf der Straße. Erste Tests erfolgten im März 1943. Doch weitere Änderungen an der Lafette und anderen Details verzögerten die Massenproduktion bis Mitte 1944. Die ARCHER wurden den Panzerabwehr Regimentern der Artillerie in den Infanterie Divisionen zugeteilt. Von den bestellten 800 Einheiten wurden bis Kriegsende ca. 665 ausgeliefert. Einige exportierte man auch an befreundete Staaten, wo der Panzer auch nach dem Krieg noch einige Zeit im Einsatz blieb.

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1942年17磅(76.2mm)反坦克炮正式投入服役,当时英国军方花了很多时间寻找一种合适的载具装载这门很有威力的武器作为反坦克流动平台之用。那年的春天,国防部要求维克斯公司提供华伦泰坦克底盘装上17磅炮进行测验。结果是华伦泰坦克底盘所改装出来的车身以低矮及开顶的结构被选中进行量产,并命名为“弓箭手”。1943年3月“弓箭手”自走炮正式被量产出来,主要被分配到各步兵师所属之皇家炮兵团的反坦克旅服役。“弓箭手”的独特设计是把火炮反装向后设在引擎室上方减少车身的长度。这种布局在作战中证明很有效率,因为“弓箭手”可以很迅速投入战斗和脱离险境。“弓箭手”的设计是相当紧凑和小巧,它重量只有16吨并且有32km/h的路速。其17磅炮如使用APCBC炮弹能在1,000米的范围内及以30度射角很有效地将德国老虎和豹式坦克的装甲贯穿。“弓箭手”原本预计生产800台,但在战争结束之前,仅有大约665台被制造了出来。有少部份的“弓箭手”在二战以后被供应到一些友好的国家继续使用。

# ILLUSTRATION 图示说明:

## CORRECT METHOD FOR APPLYING DECALS : HINWEISE ZUM ANBRINGEN DER DECALS

正确贴水贴纸的方法:

1. Clean model parts surface with wet cloth. Entsprechende Stellen am Modell feucht reinigen.  
将需要贴水贴纸之部位表面擦干净。
2. Cut out the decal parts and dip them in cold water for 15 -20 seconds. Decal ausschneiden und für 15-20 Sek. ins Wasser legen.  
将所需之贴纸剪下泡在清水里约15至20秒。
3. Place it on correct position of the model kit. Decal an der richtigen Stelle auflegen.  
将湿透之贴纸取出置放于正确之位置旁。
4. Slide off the decal from the base paper on to the model kit surface with a cotton stick. Decal mit Wattestäbchen festhalten und Papier darunter wegziehen.  
用棉花棒轻推贴纸表面使其从底纸滑出至模型表面之正确位置。
5. When decal get dry then complete. Decal mit Papiertuch andrücken und trocknen.  
待其自然干透后即完成。

## ICON INSTRUCTION: 图标说明:



Open Hole  
Loch bohren  
钻孔



Remove  
Abtrennen  
切除



2 Sets needed  
Vorgang wiederholen  
同样的制作二组



Bend  
Biegen  
曲折



Optional  
Auswahl  
可以选择采用



Apply Decal  
Decal anbringen  
贴水贴纸



Instant Glue For Metal  
Sekundenkleber verwenden  
瞬间接着剂,金属用



Fill Hole  
Verspachteln  
把孔填平



Do not cement  
Nicht kleben  
不用粘合

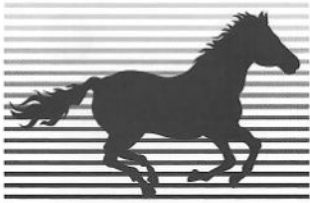
## COLOR SUGGESTION: FARBTABELLE: 涂装指引:

Color 涂料表	MR. Hobby	Hobby Color	Humbrol	Tamiya
Steel Stahl 黑铁色	H-18	C-28	53	/
Tyre black Reifenschwarz 轮胎黑	H-77	C-137	85	/
Silver Silber 银色	H-8	J-8	11	X-11
Flat white Matt Weiss 消光白	H-11	C-62	34	XF-2
Wood brown Holzbraun 木啡色	H-37	C-43	/	/
Flat black Mattschwarz 消光黑	H-12	C-33	33	XF-1
Olive Drab Oliv Braun 橄榄褐	H-78	C-38	66	XF-62
Semi-gloss black Schwarz Seidenmatt 半光黑色	/	C-82	/	/
Blue Grey Blau Grau 蓝灰色	H-42	/	79	/
Burnt iron Metall brüniert 烧铁色	H-76	C-61	/	/
Rust Rust 铁锈色	H-334	/	113	/
Blue black Blau schesrz 蓝黑色	/	/	/	/
Field gray Feldgrau 原野灰	H-48	C-52	/	XF-65
Copper 铜色	H-10	C-10	12	XF-6
Light mud 浅土黄	H-318	C-318	148	/
White Weiss 白色	H-1	C-1	/	X-2
Dark green Dunkelgrün 深绿色	H-36	C-17	30	XF-61
Gun metal Metall-grau 枪金属	/	/	/	X-10

## READ BEFORE ASSEMBLING: VOR ZUSAMMENBAU LESEN: 组装必读:

- Carefully Study instruction before assembling. Anleitung studieren und verständlich machen. 组装前请阅读清楚制作指引。
- Keep plastic model glue and tools away from children. Kleber, Farben, Werkzeuge und Plastiktüten von Kindern fernhalten. 胶水,油漆及工具勿让小孩接触。
- Do not use cement or paint near open flame or sparks. Kleber/Farbe nicht in Nähe von offenen Flammen. 胶水及油漆勿接触火种。
- Do not work in closed room. Nur in ausreichend belüfteten Räumen arbeiten. 勿在密封地方制作模型。

PARTS LIST 零件展示表:



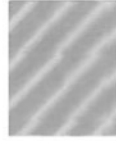
**BRONCO**

**Bronco Models**

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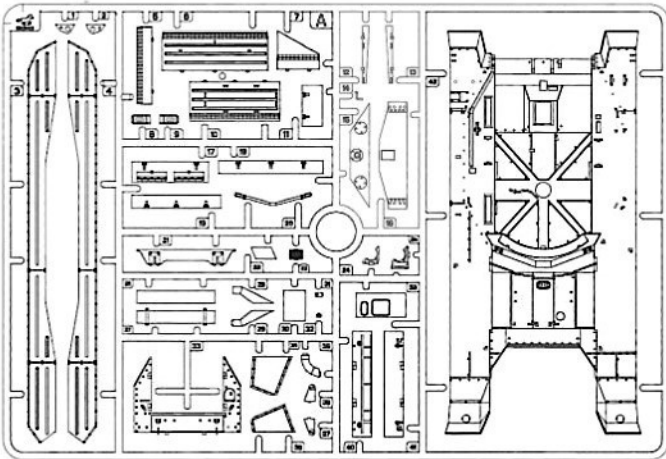
Made in China

中国制造

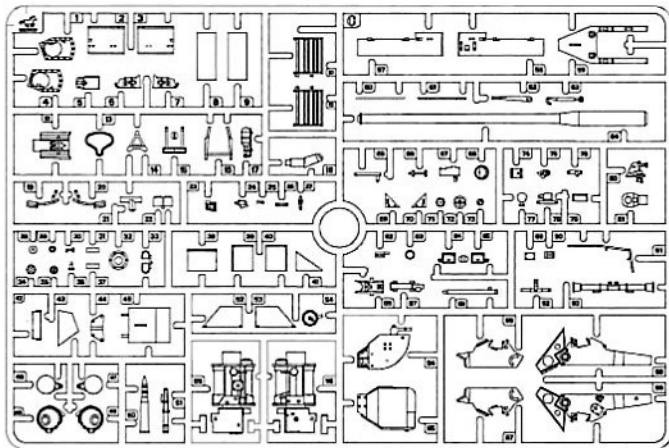


No use parts  
不要部件

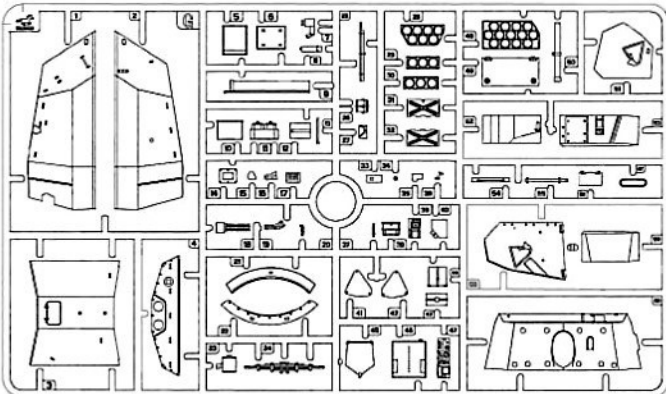
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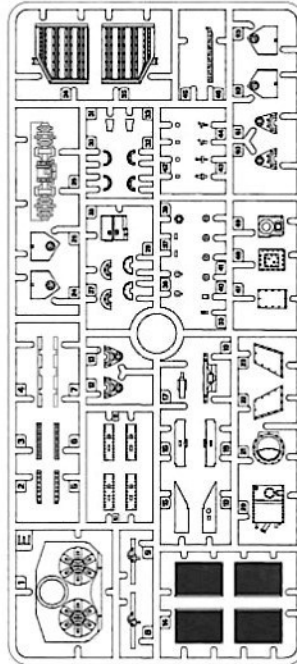
Ⓒ × 1



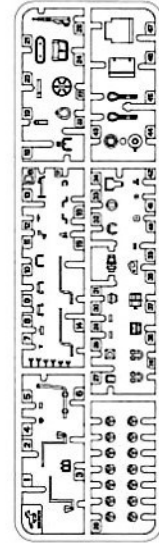
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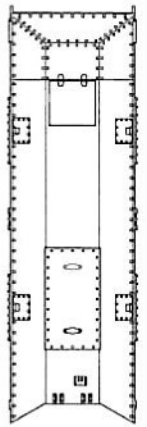
Ⓔ × 1



Ⓓe × 2



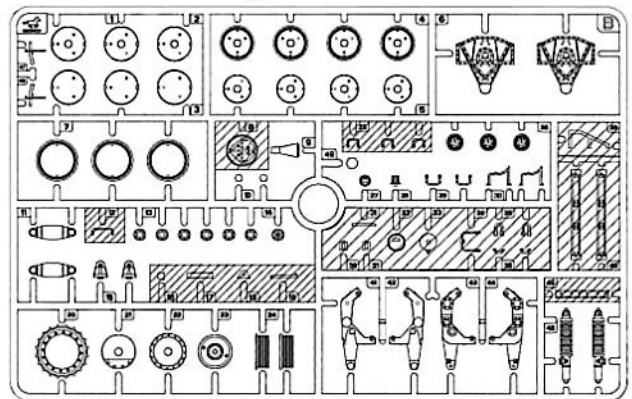
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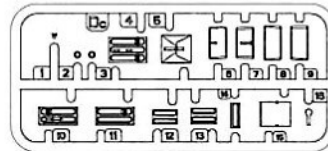
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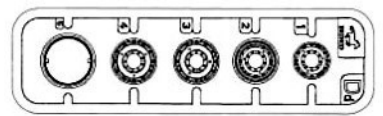
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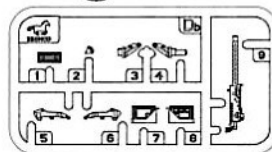
Ⓓc × 1



Ⓓd × 1



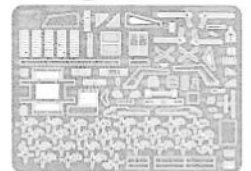
Ⓓb × 1



DECAL × 1



Ⓕ × 1



String  
绳子

Ⓛ × 2

Spring  
弹簧

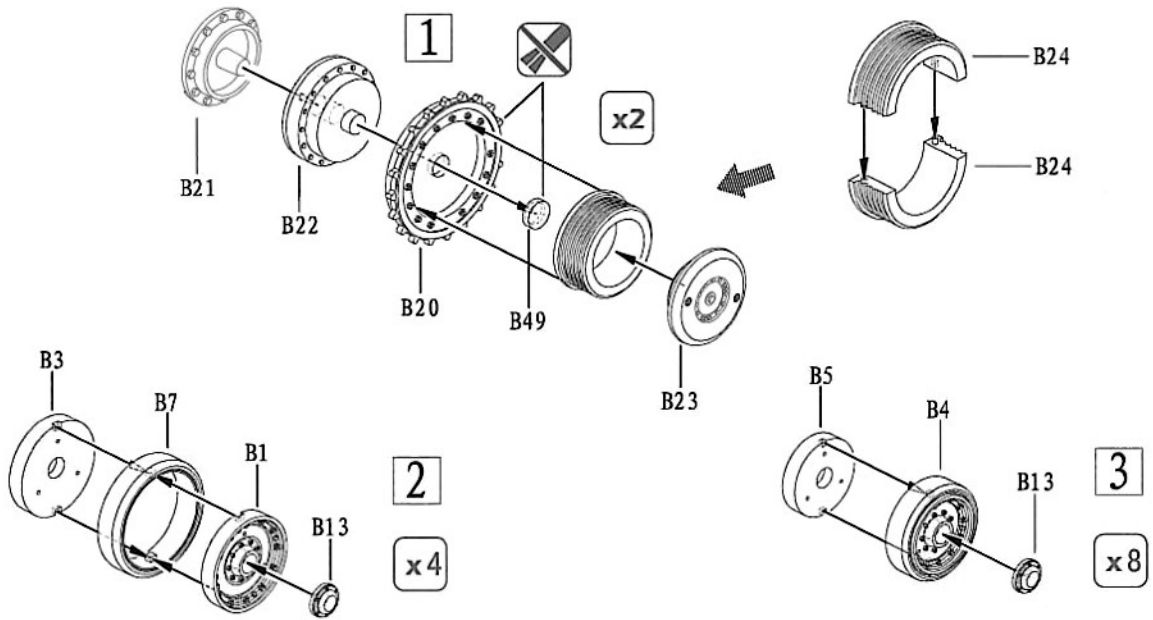
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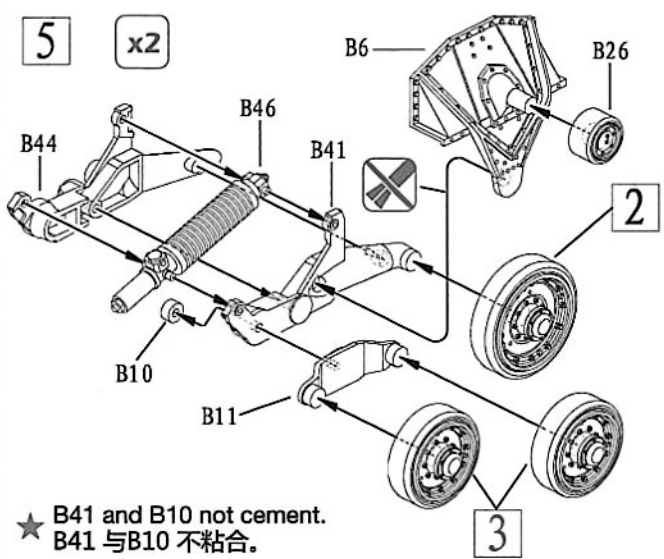
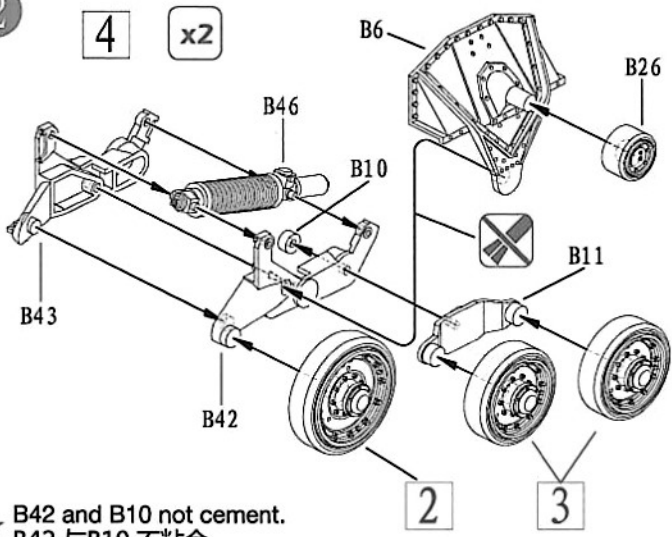
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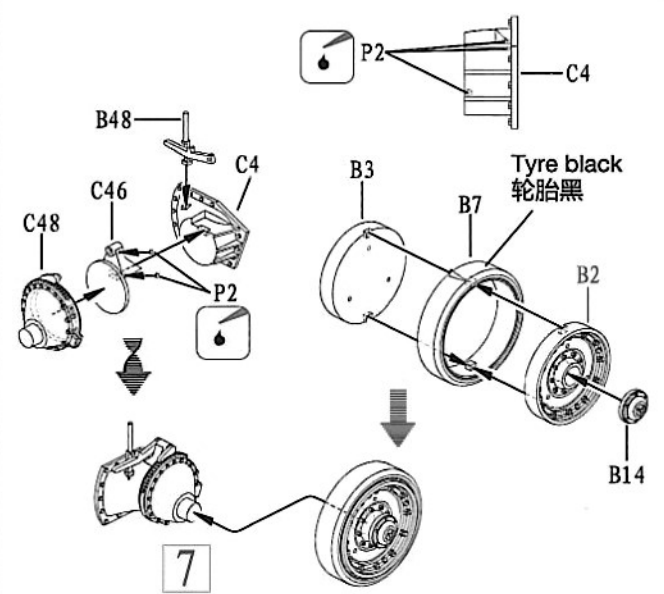
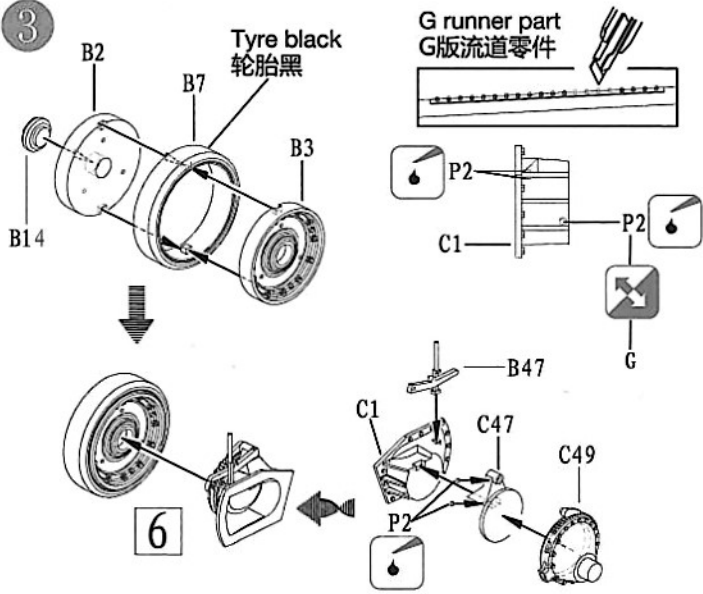
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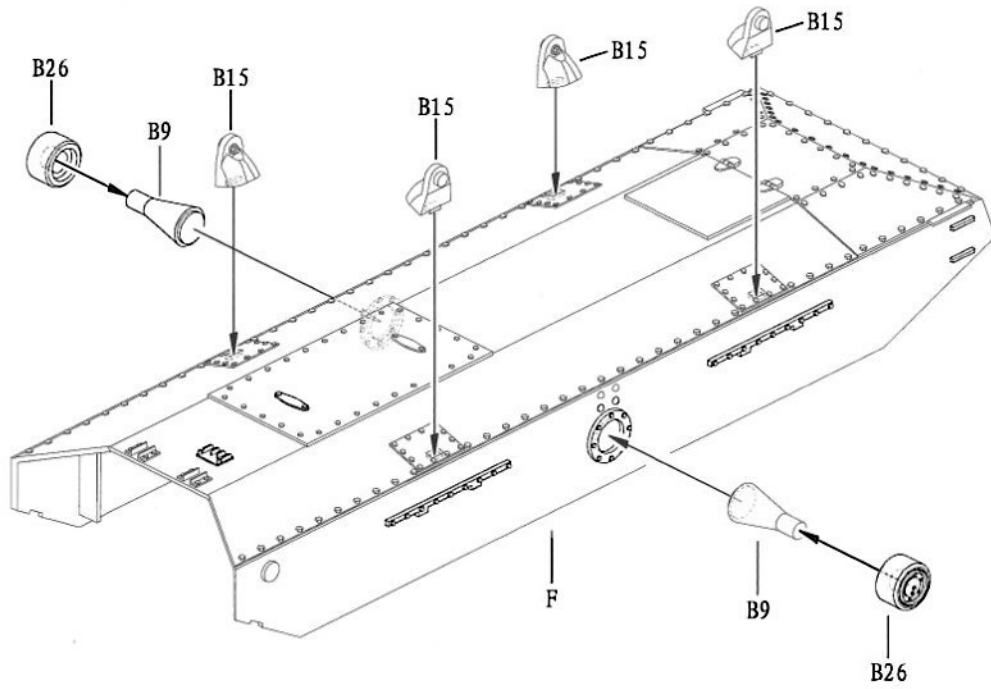
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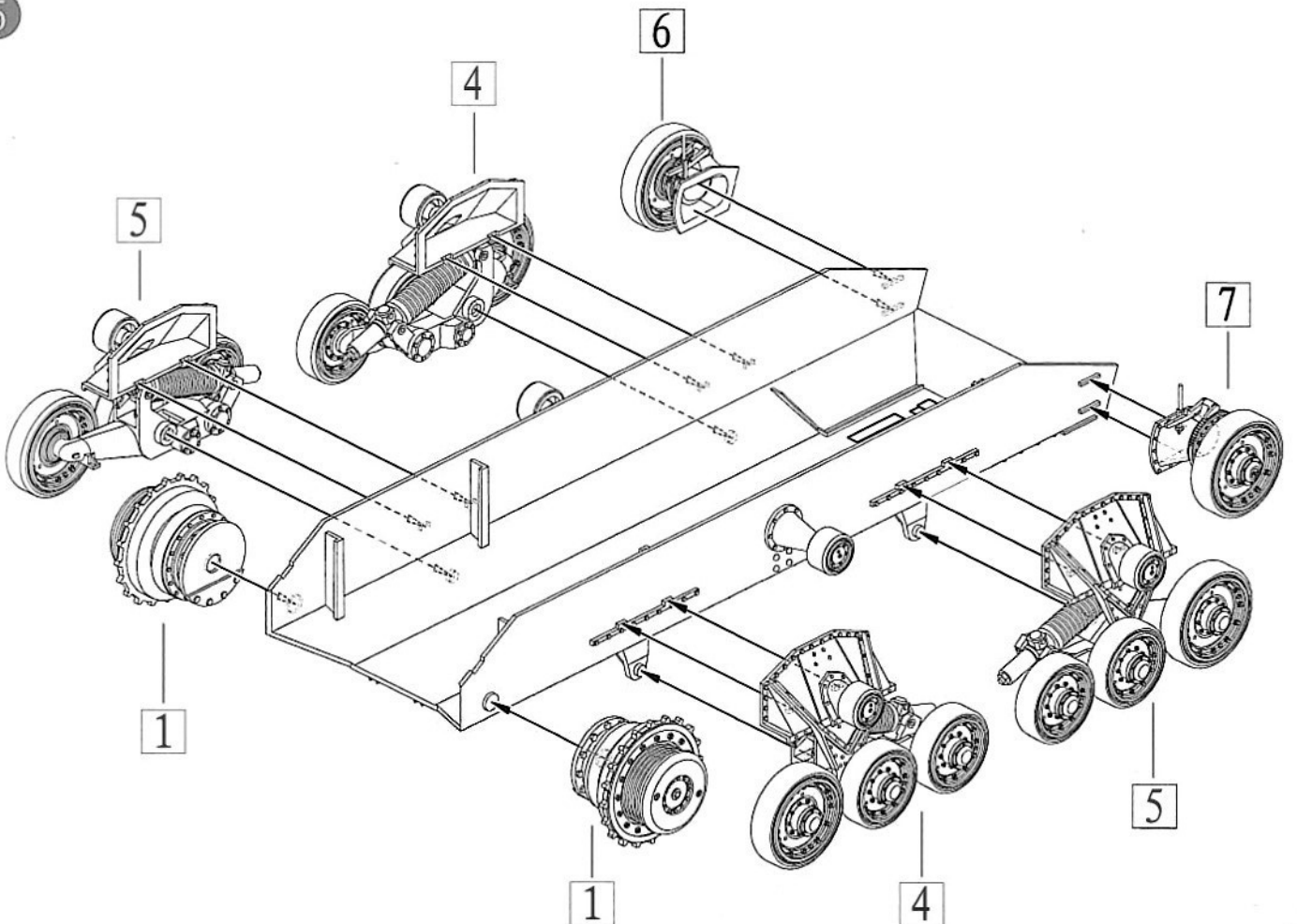
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4

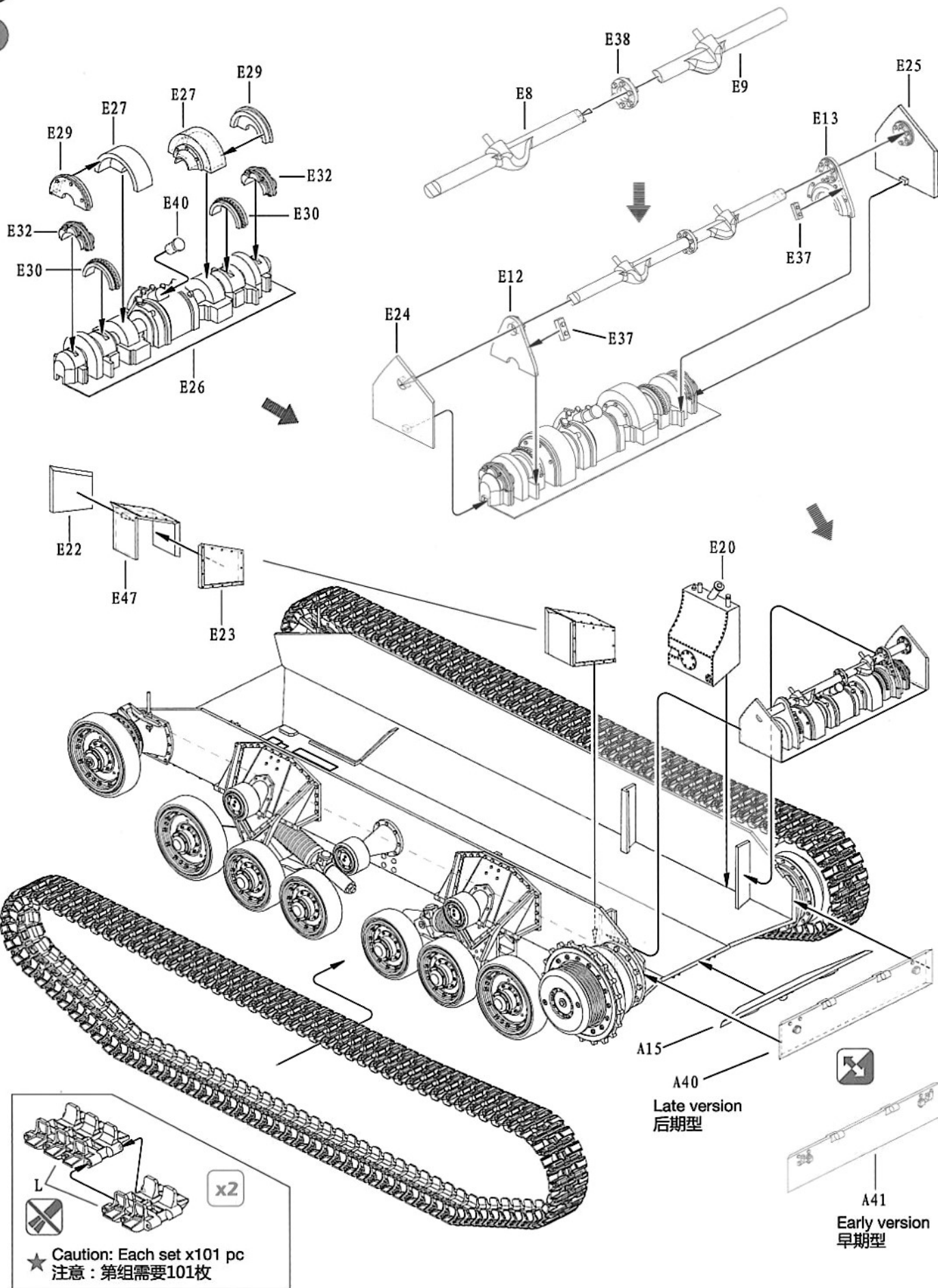


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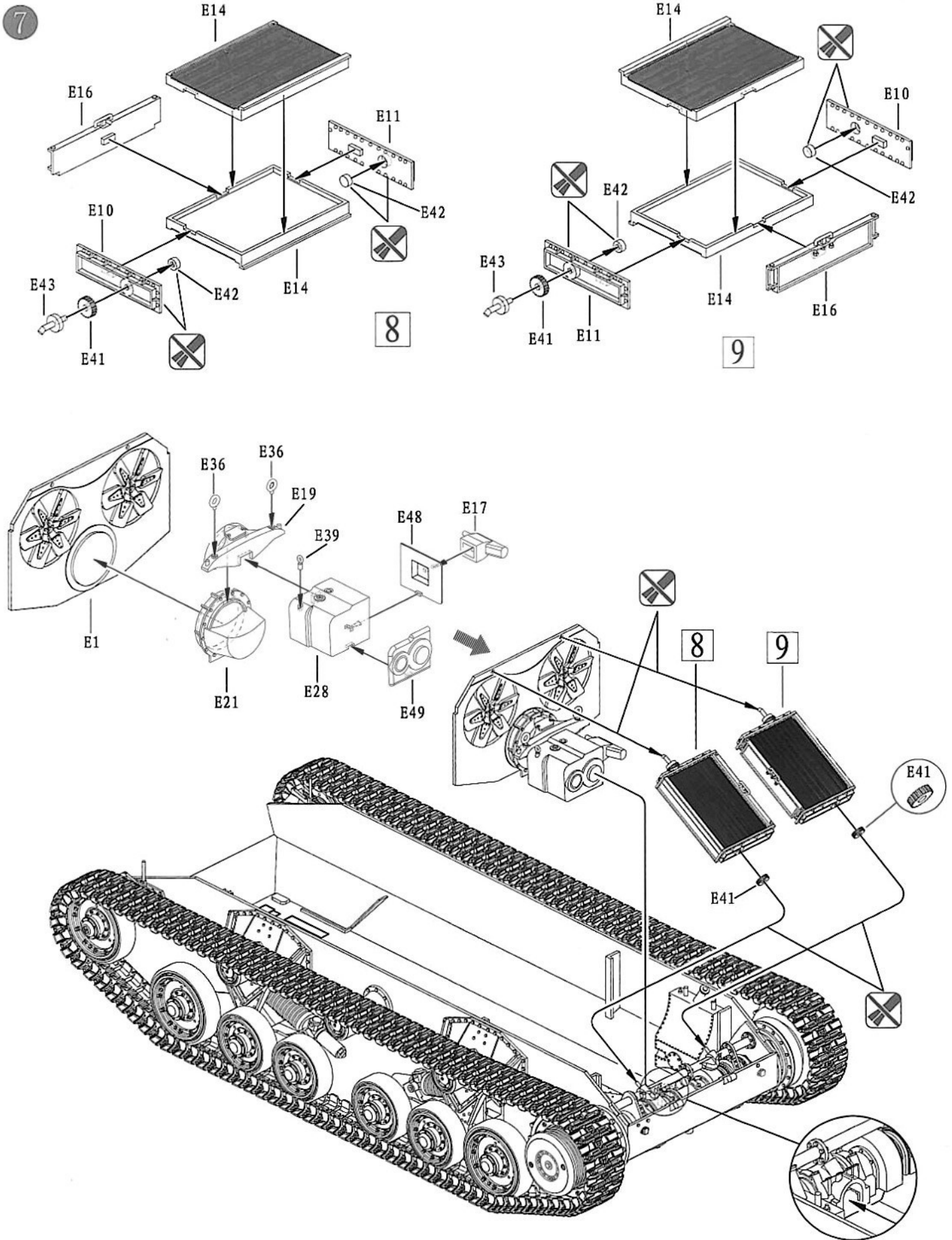
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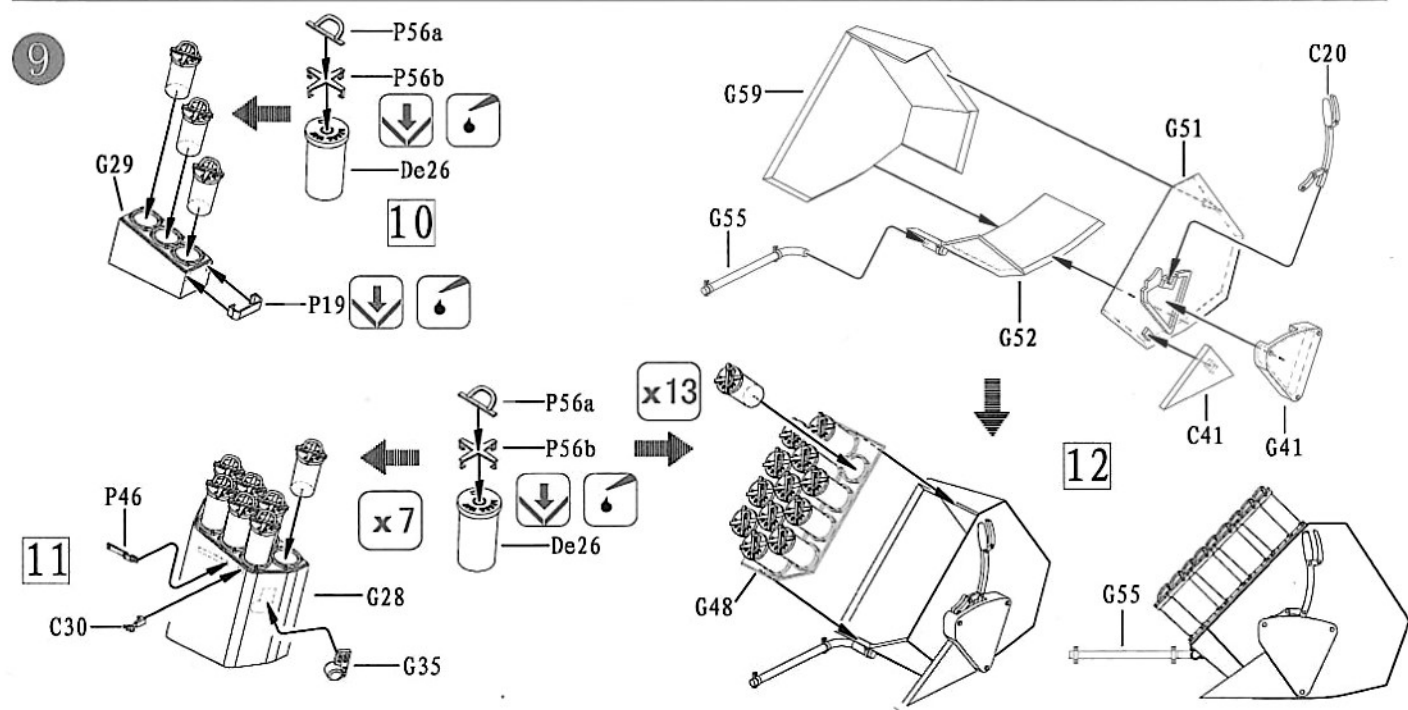
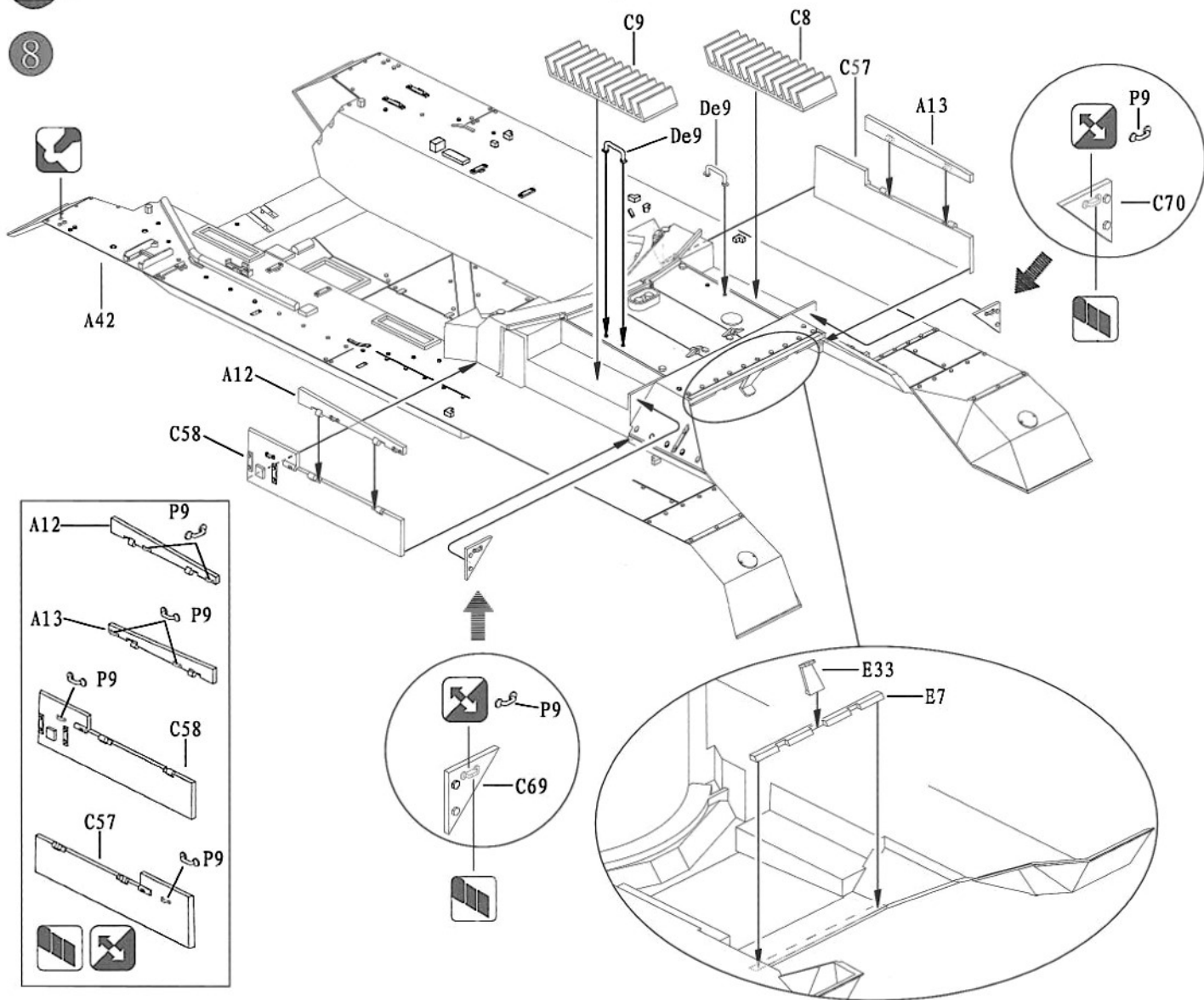
★ Caution: Each set x101 pc  
注意: 第组需要101枚

A40  
Late version  
后期型

A41  
Early version  
早期型

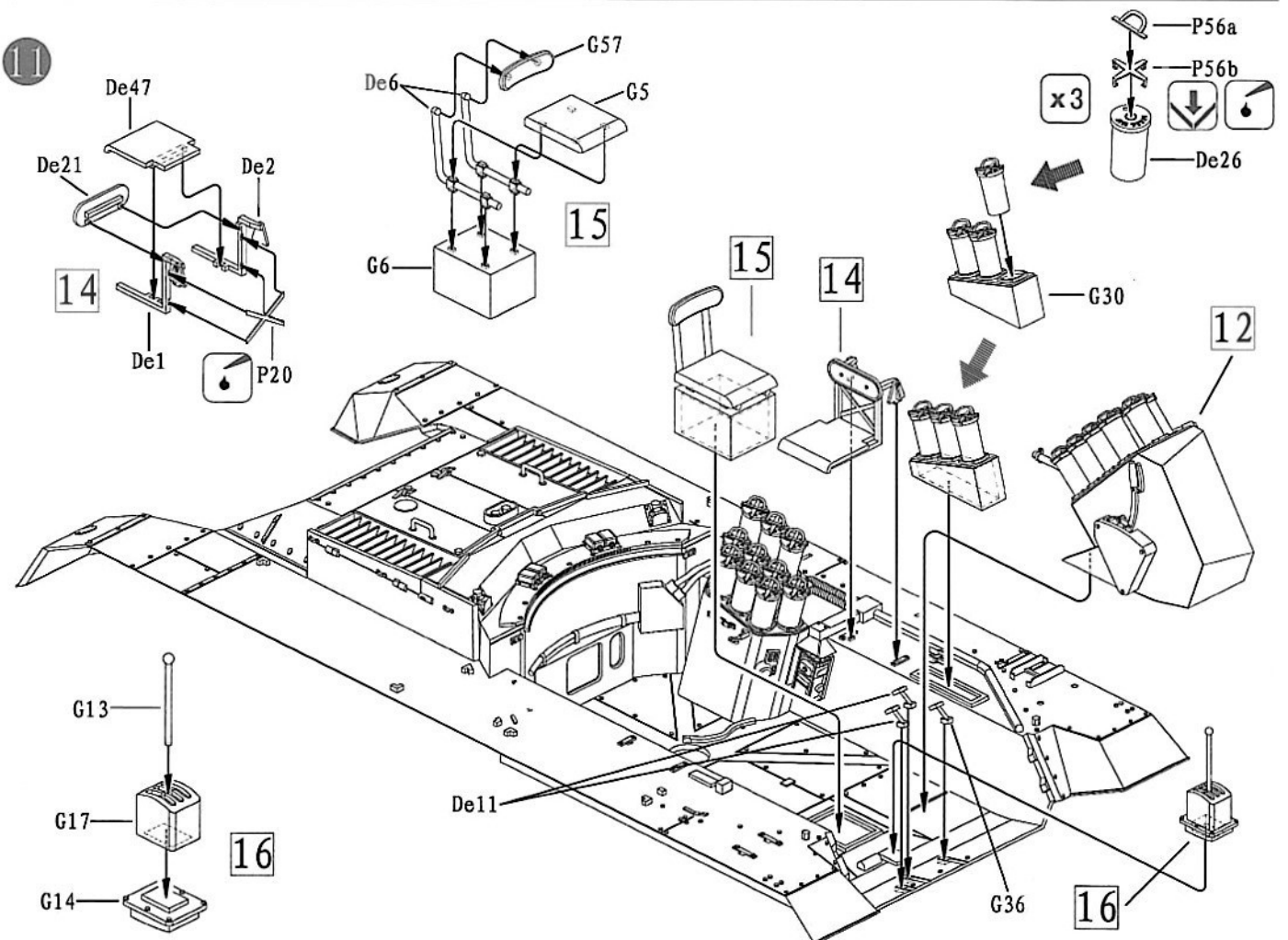
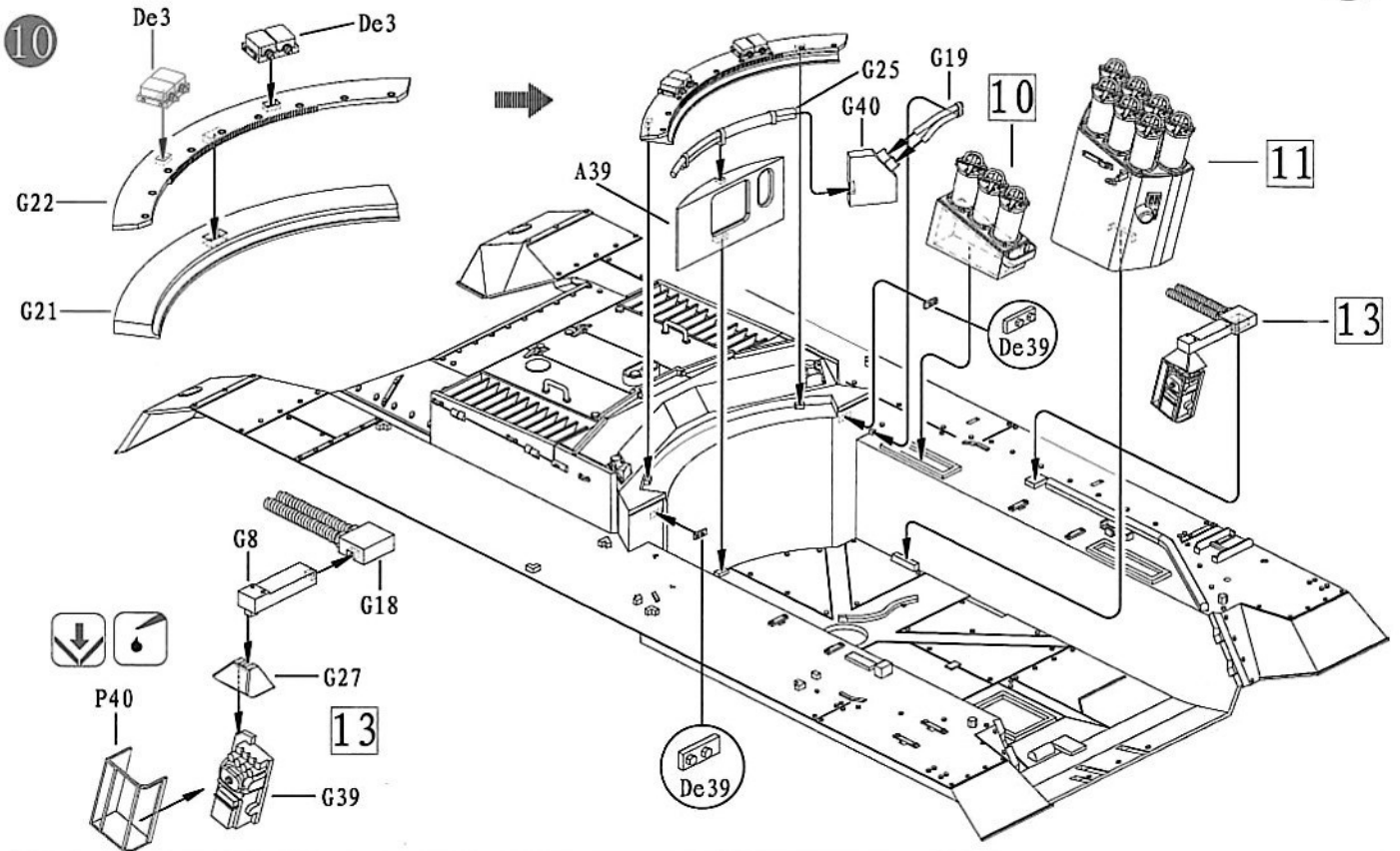


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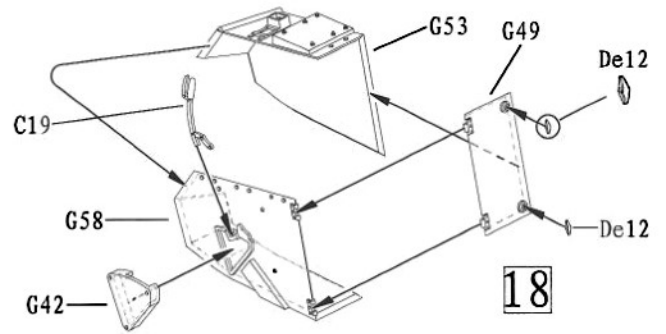
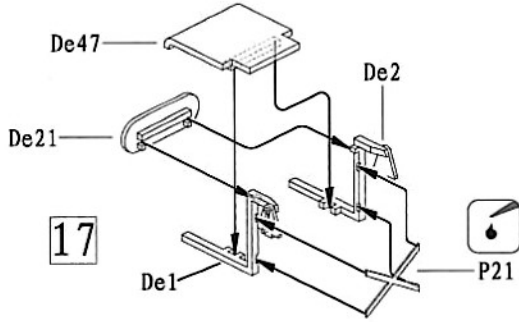


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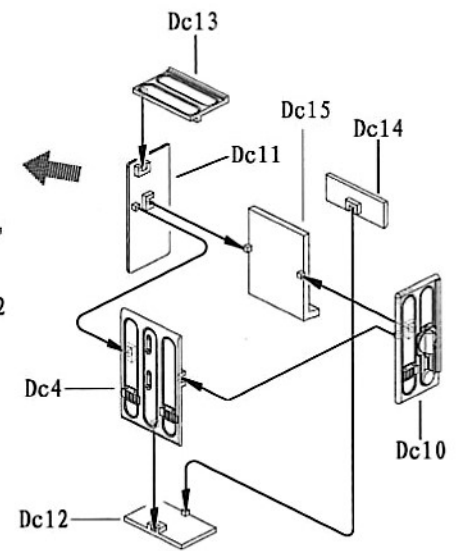
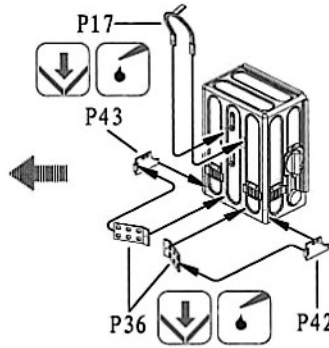
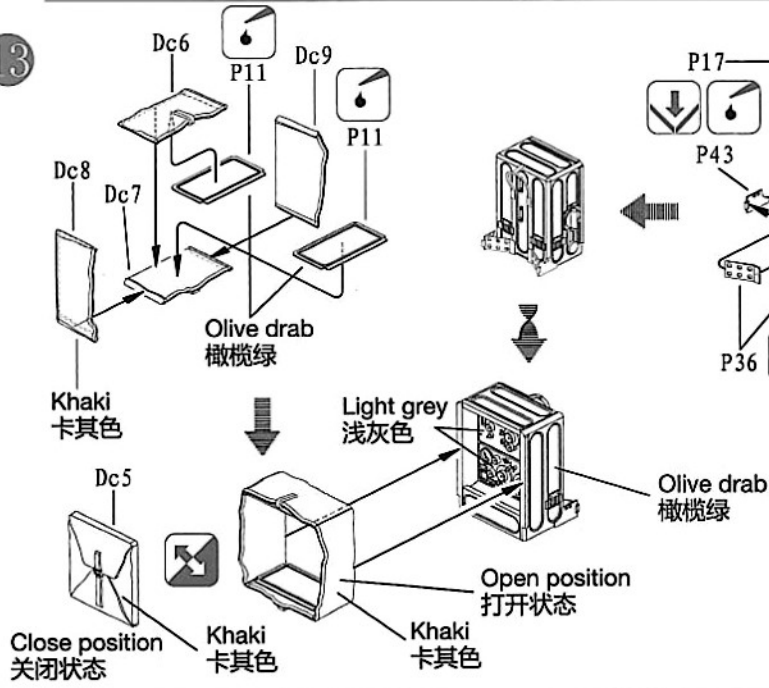


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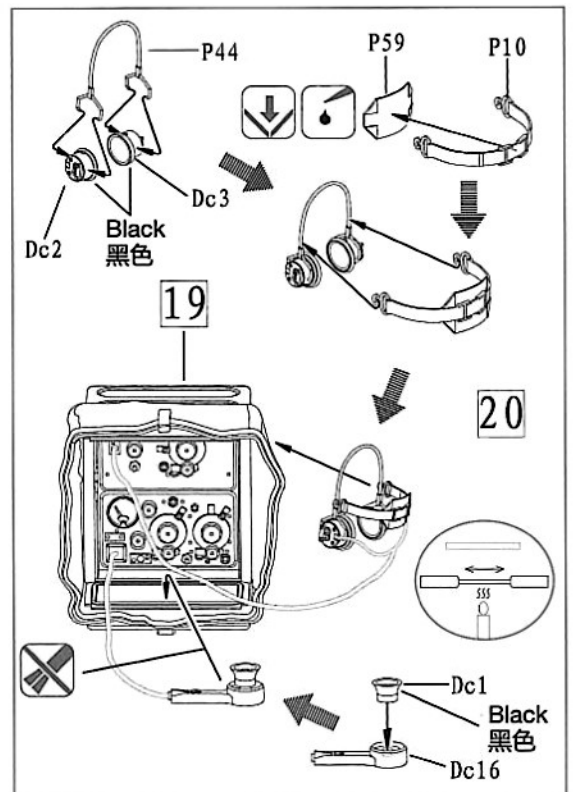
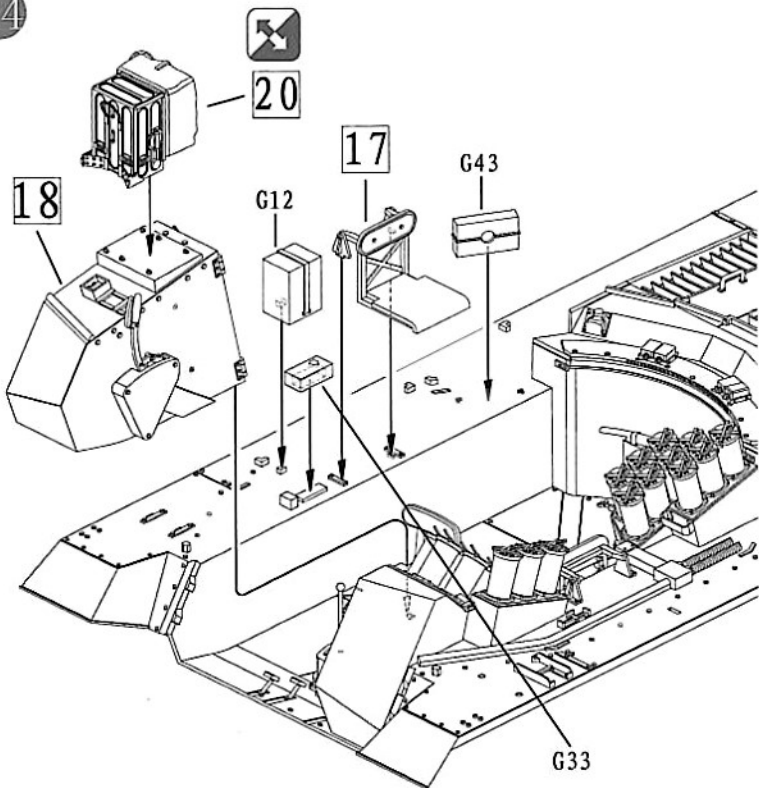


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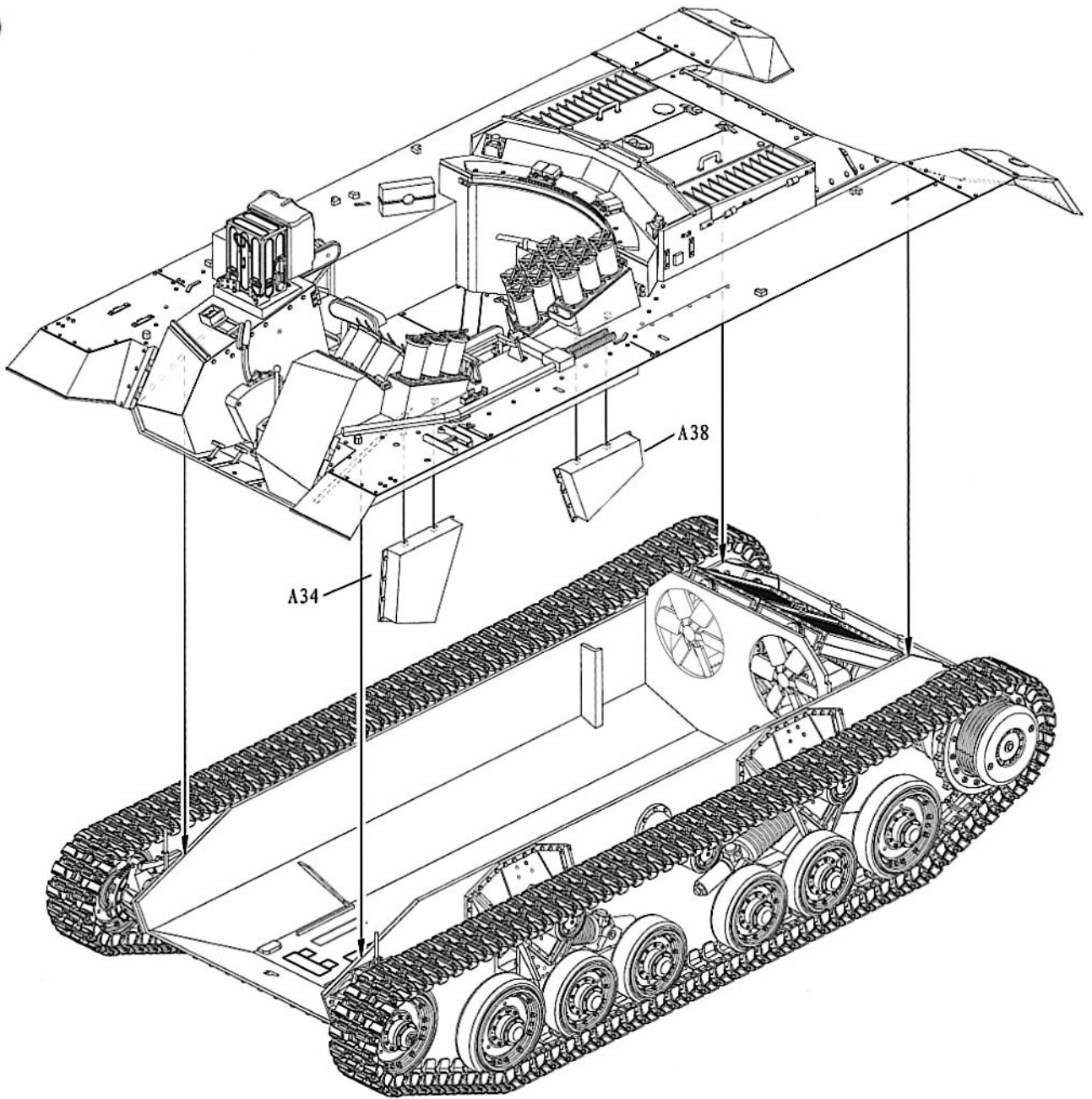


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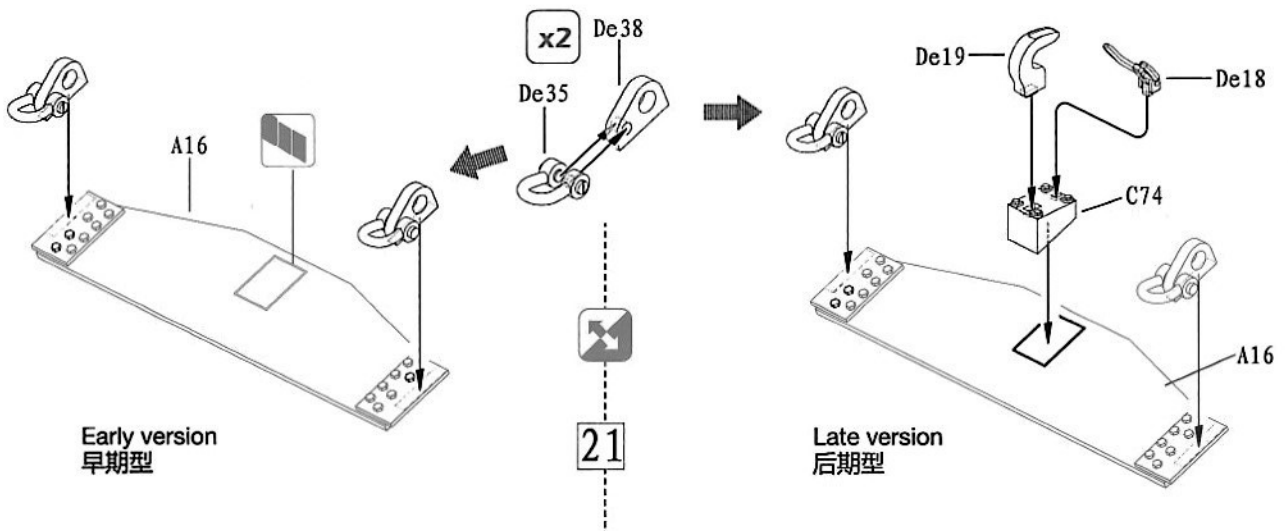
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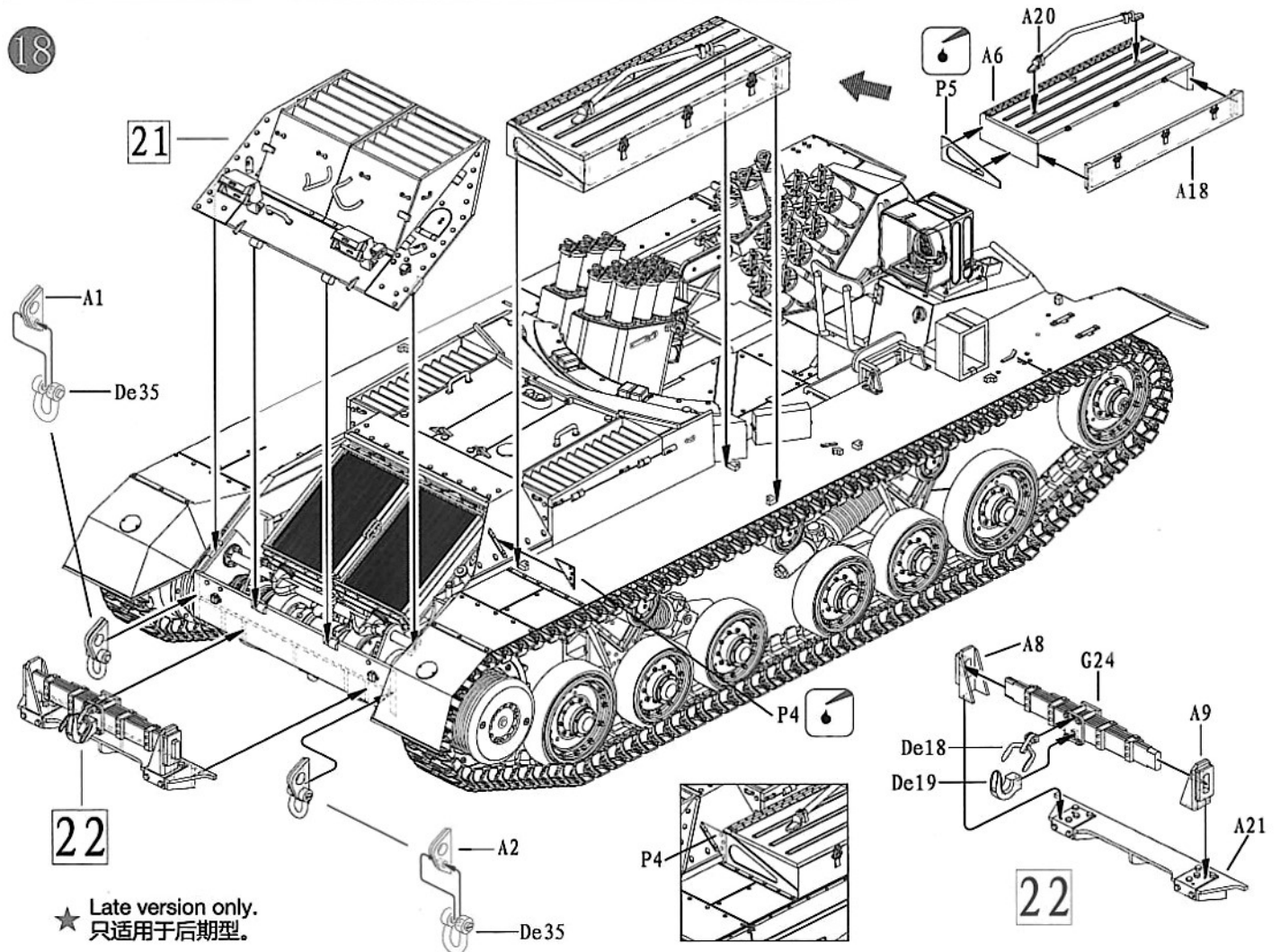
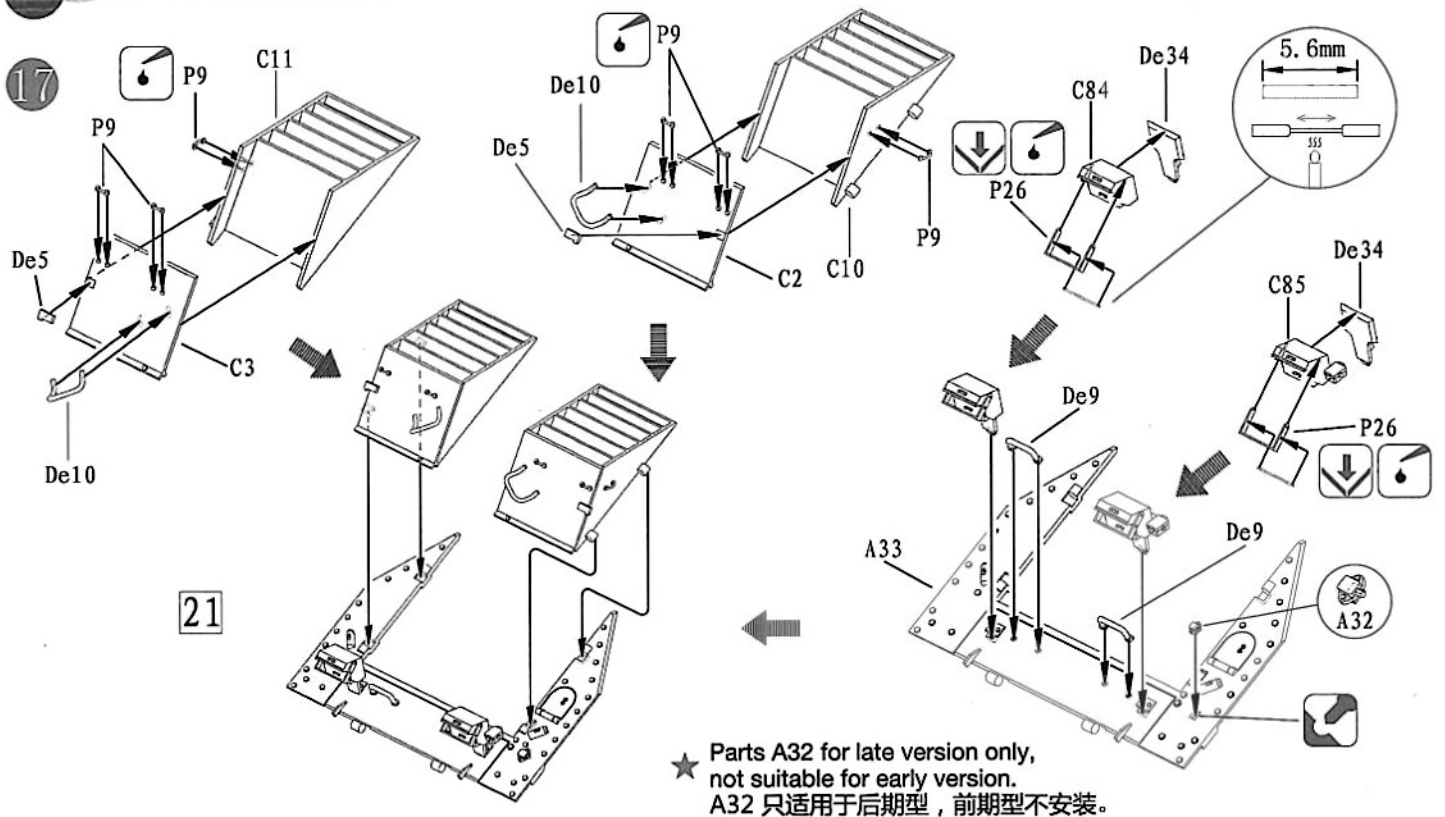
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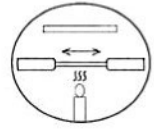
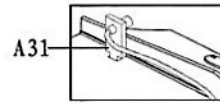
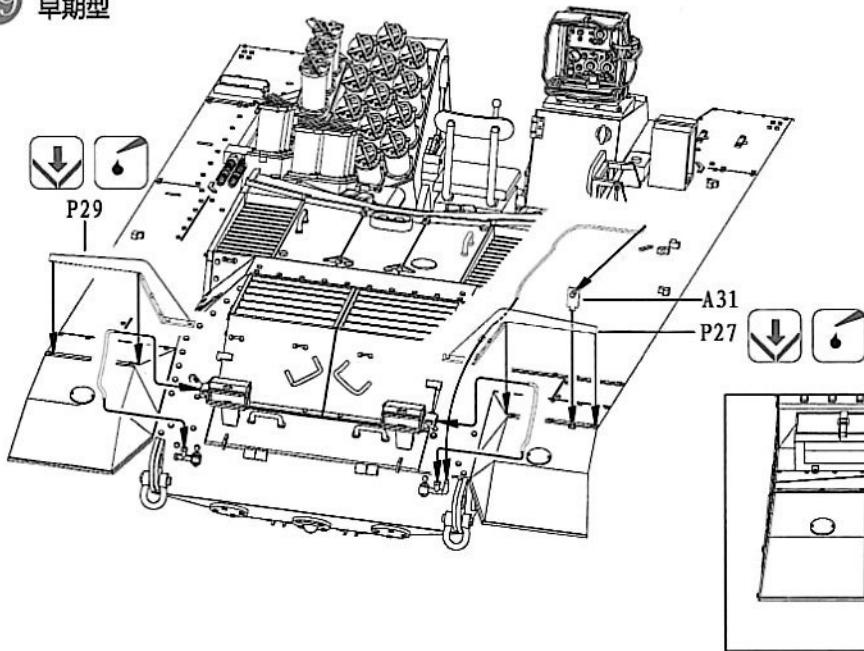
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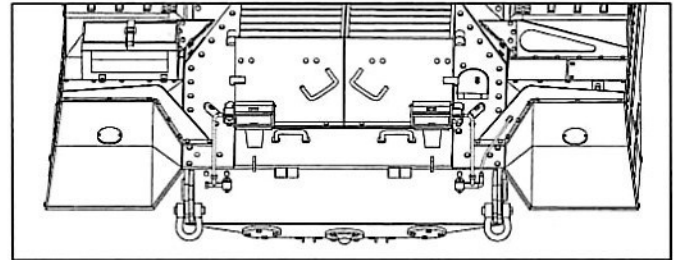
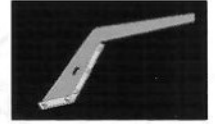


19 Early version  
早期型

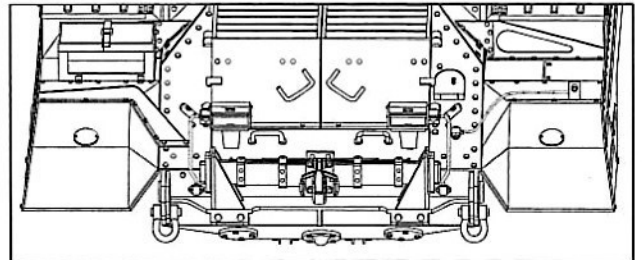
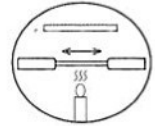
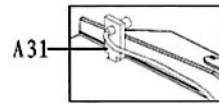
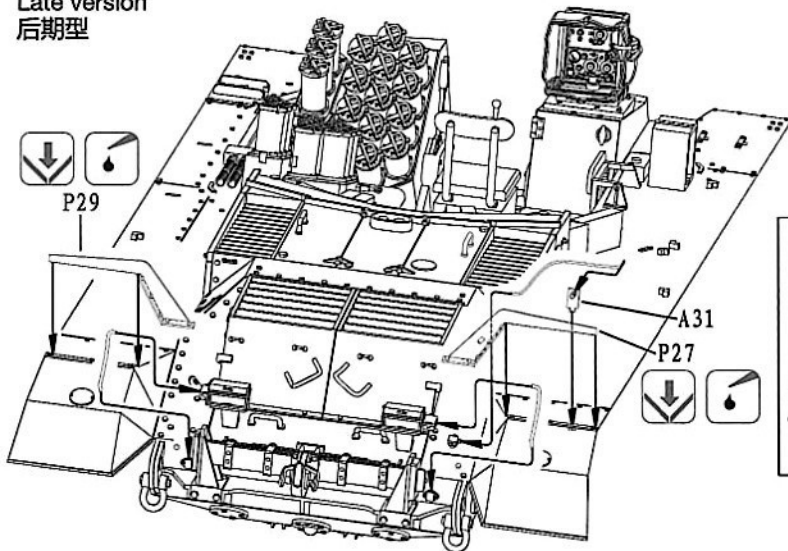


P29

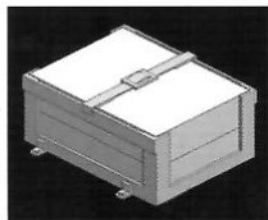
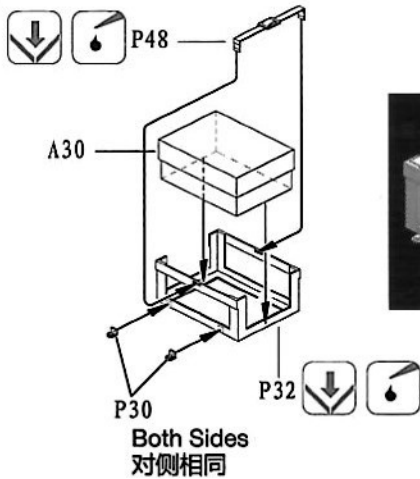
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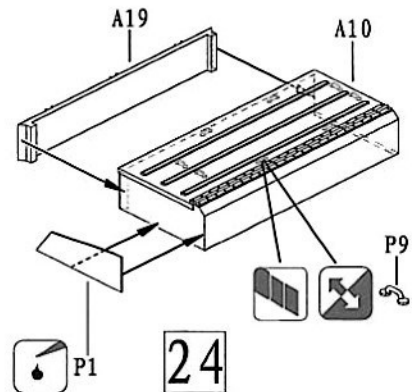
Late version  
后期型



20



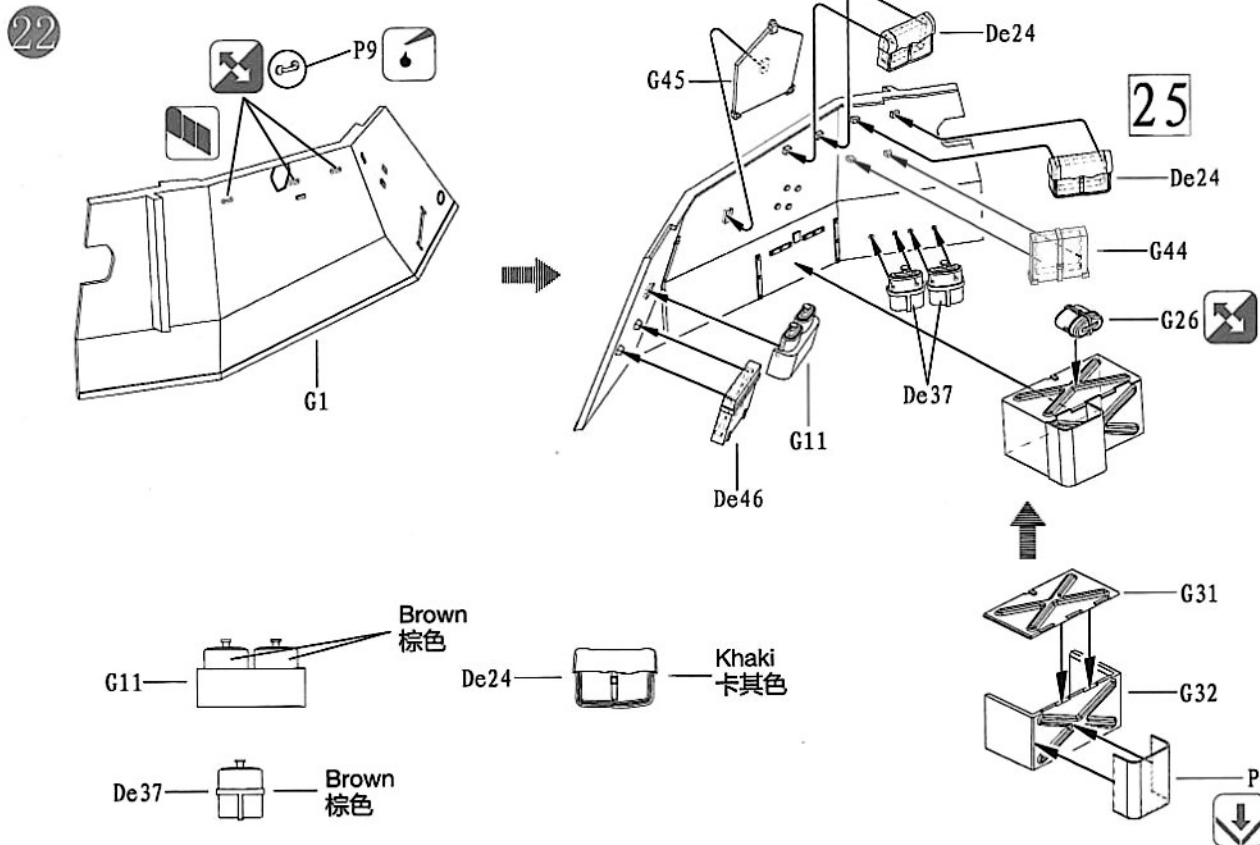
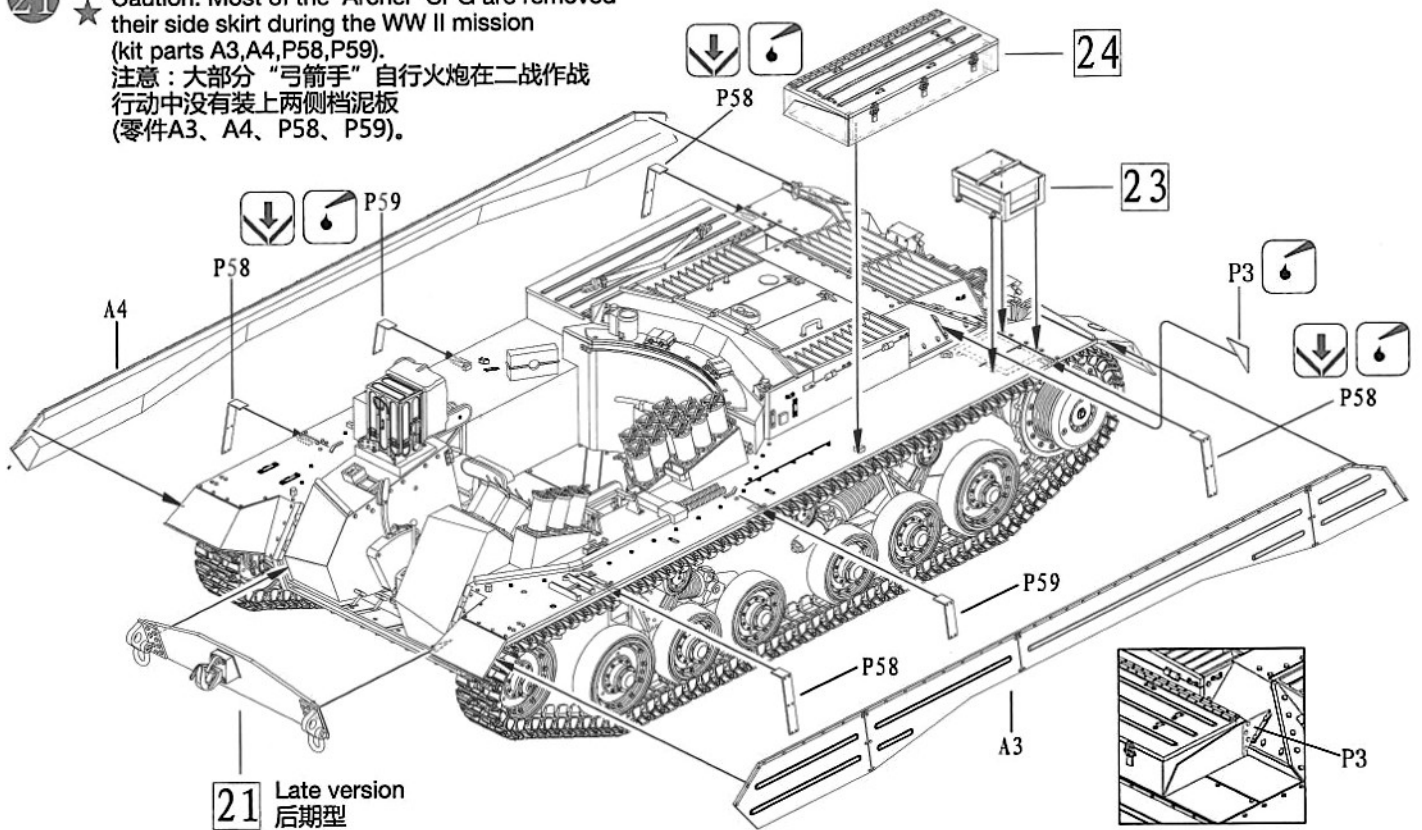
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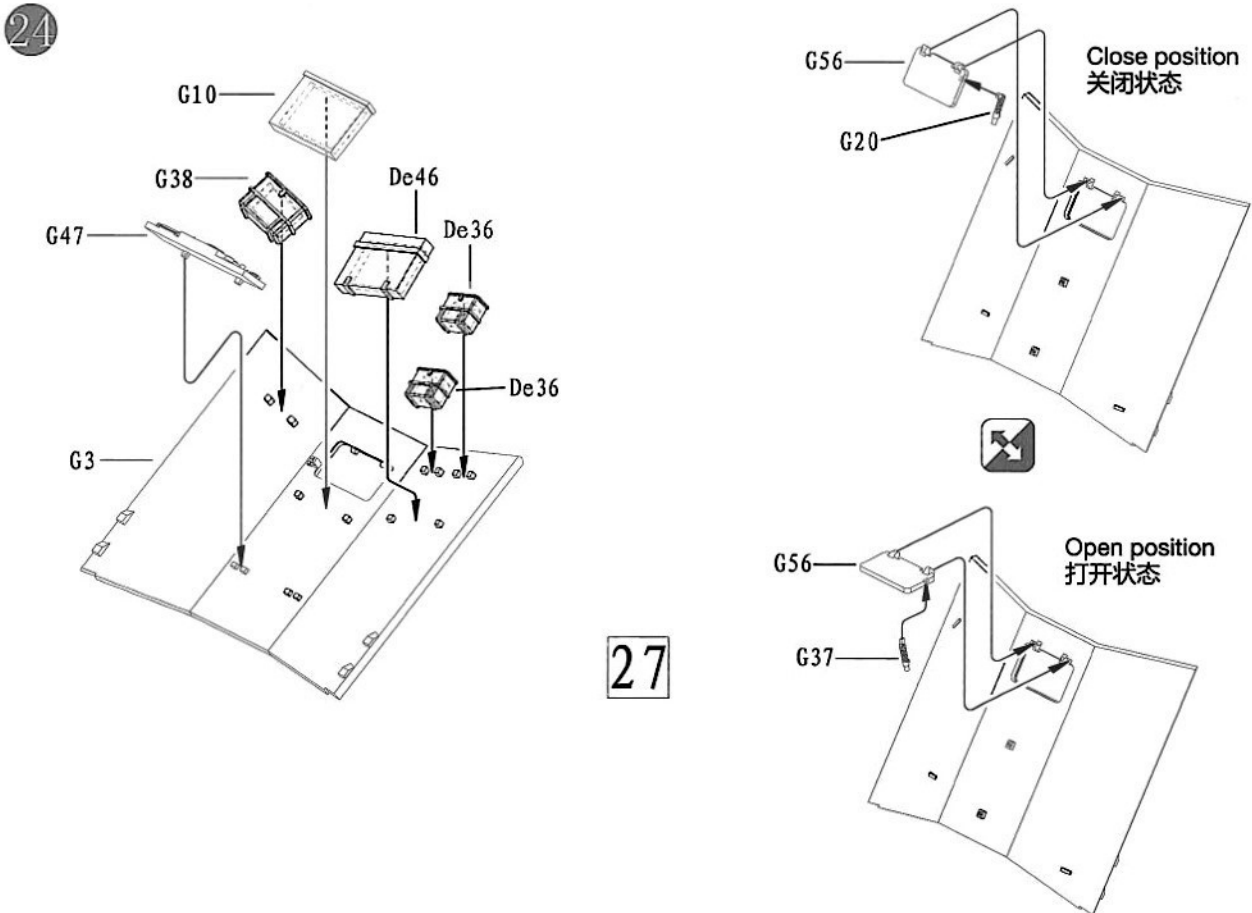
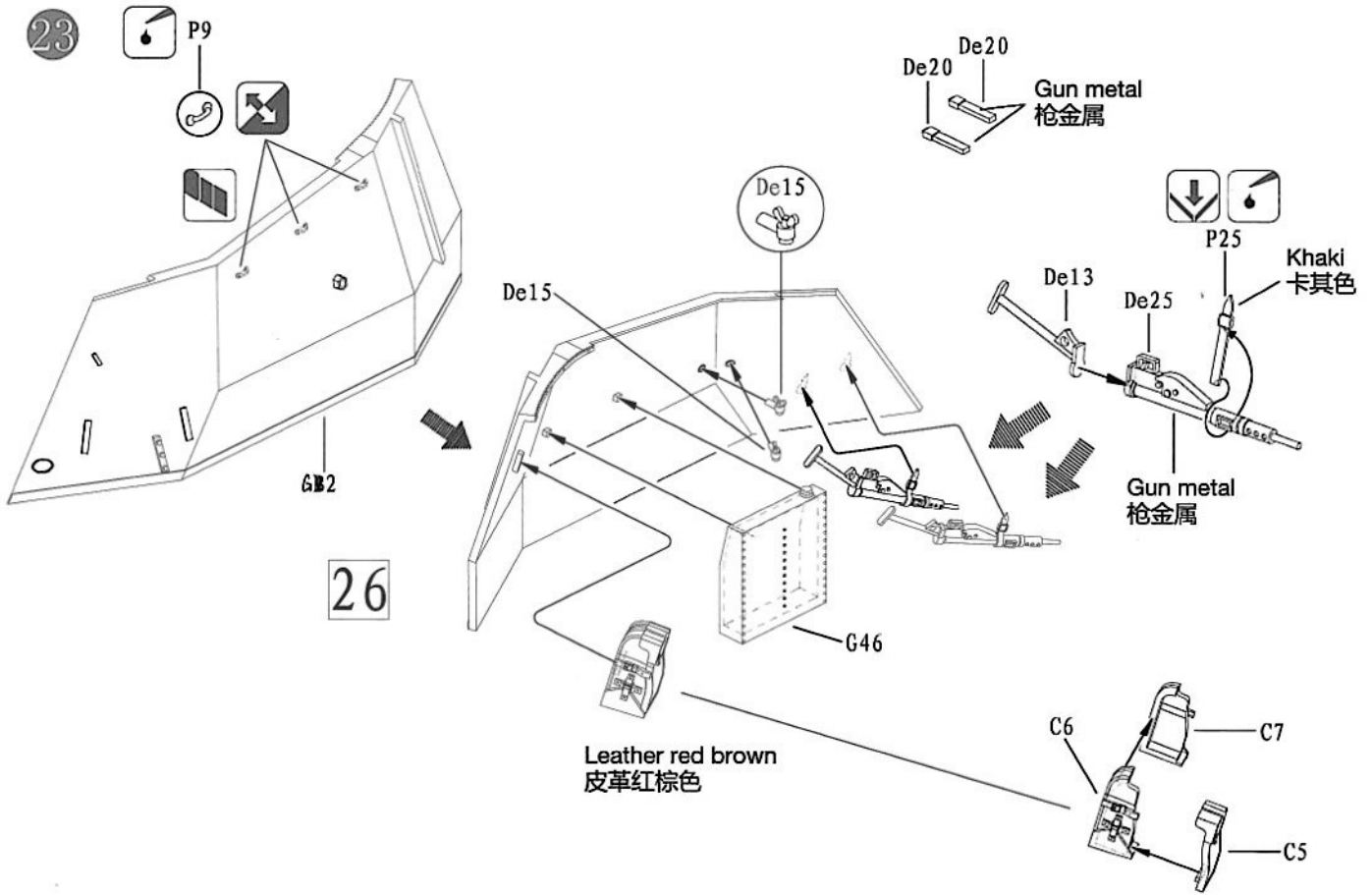


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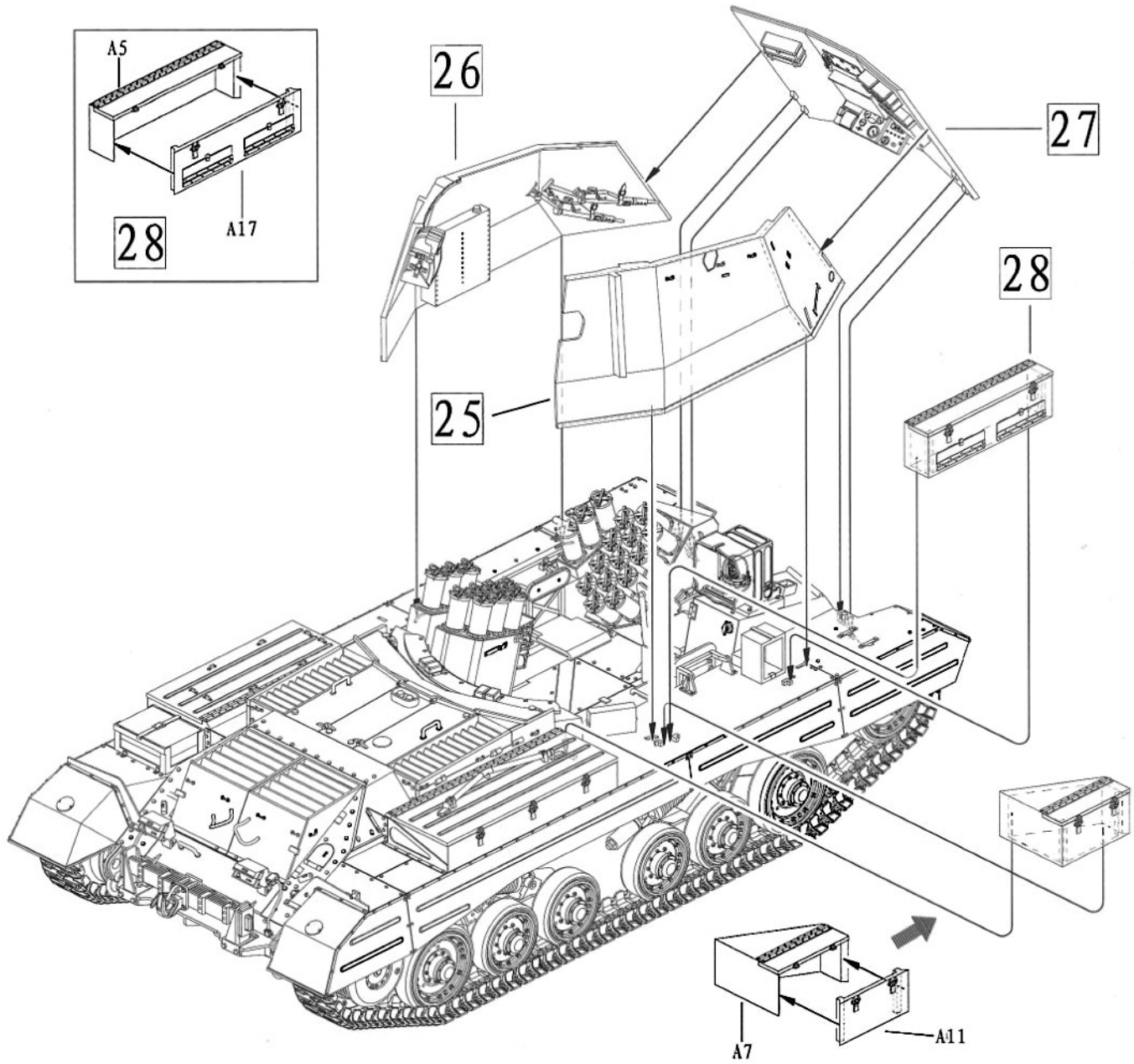
# ILLUSTRATION 图示说明:

21 ★ Caution: Most of the 'Archer' SPG are removed their side skirt during the WW II mission (kit parts A3,A4,P58,P59).  
 注意: 大部分“弓箭手”自行火炮在二战作战行动中没有装上两侧档泥板 (零件A3、A4、P58、P59).

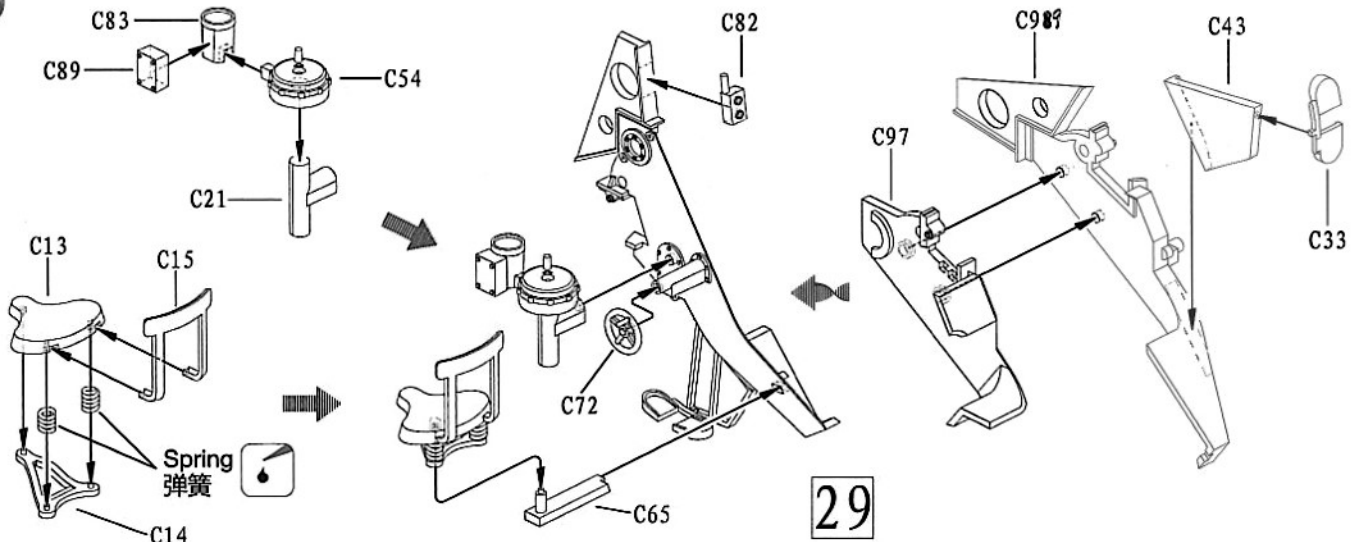




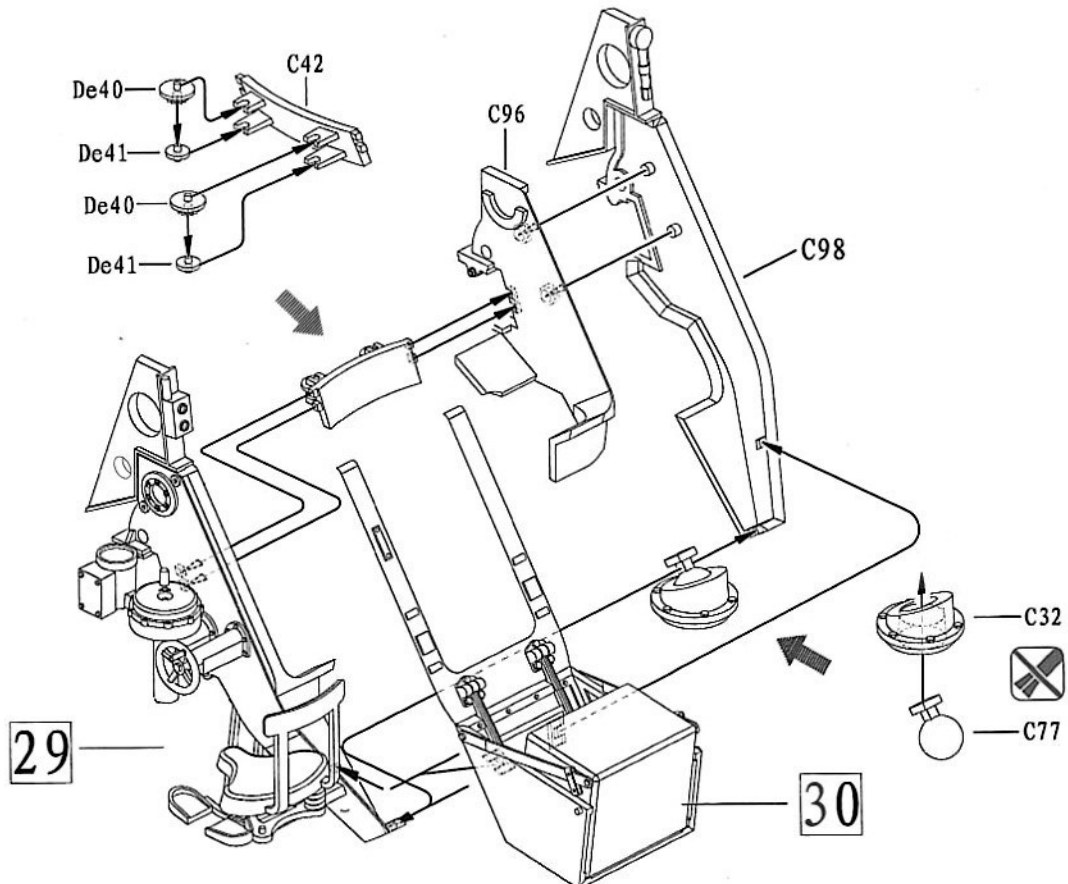
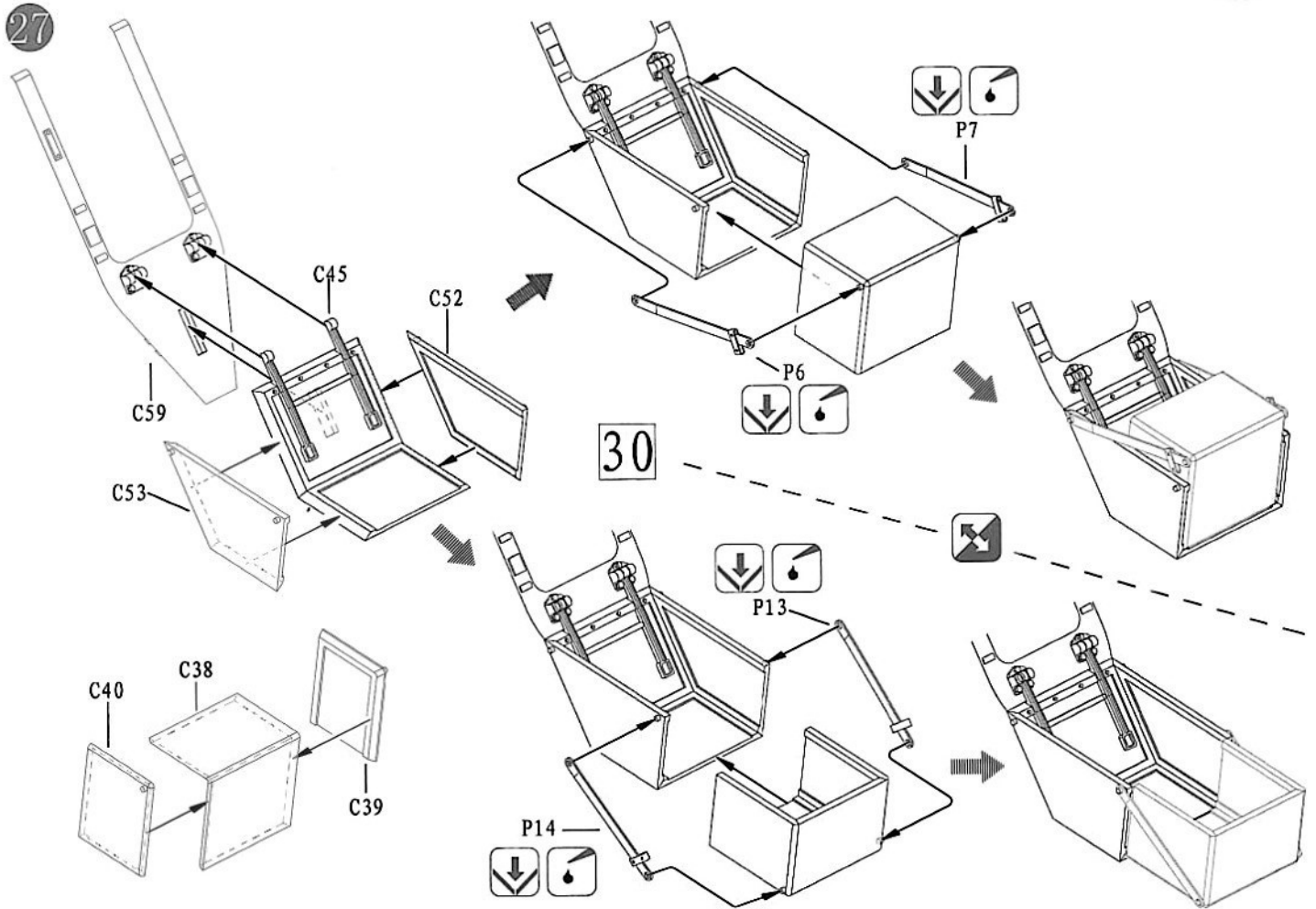
25



26



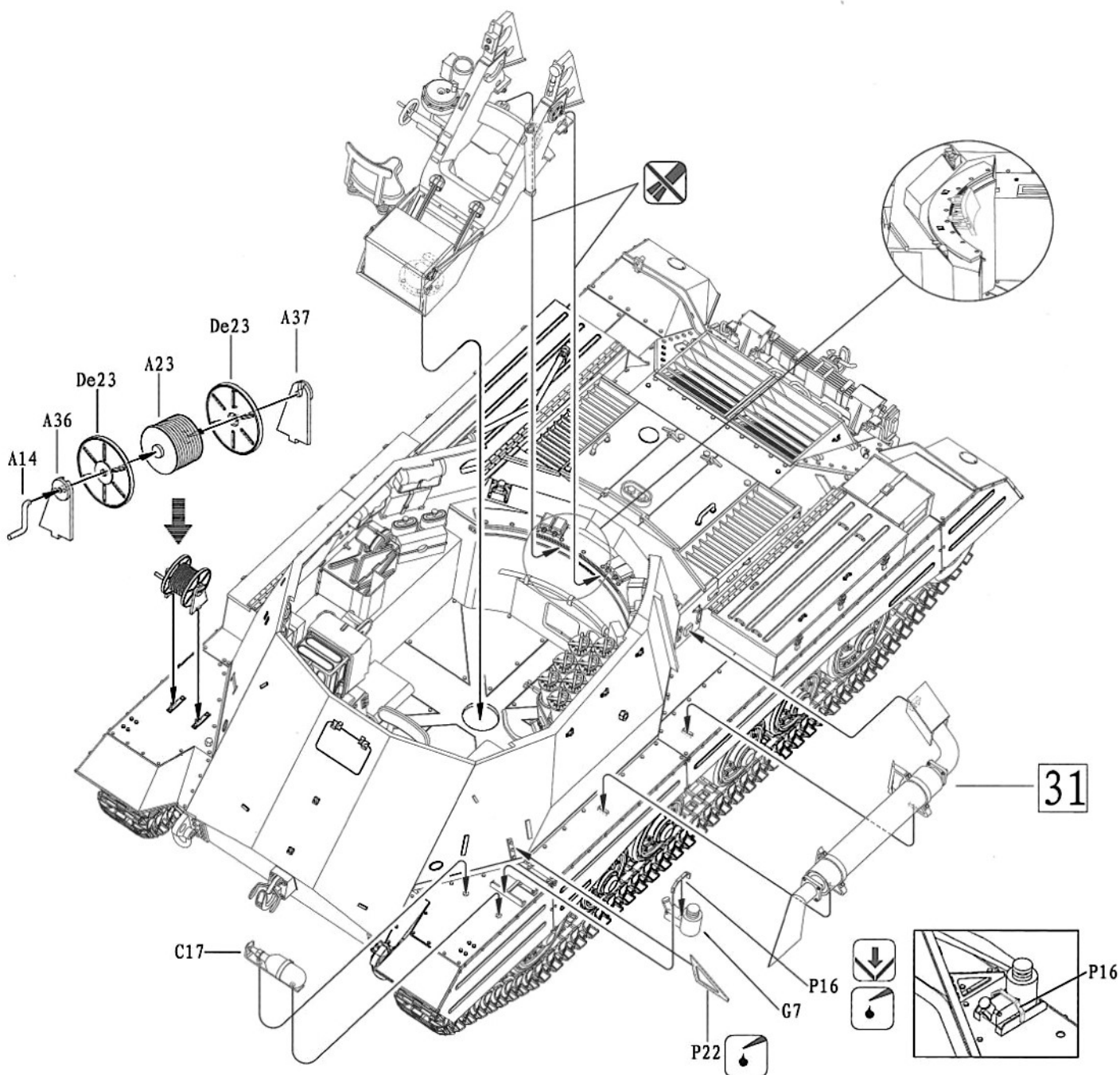
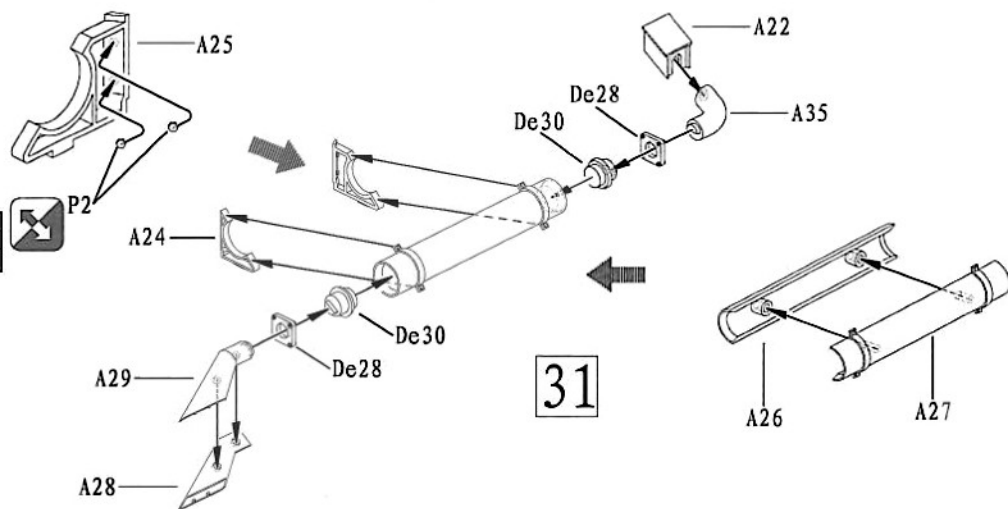
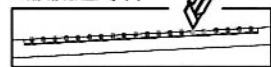




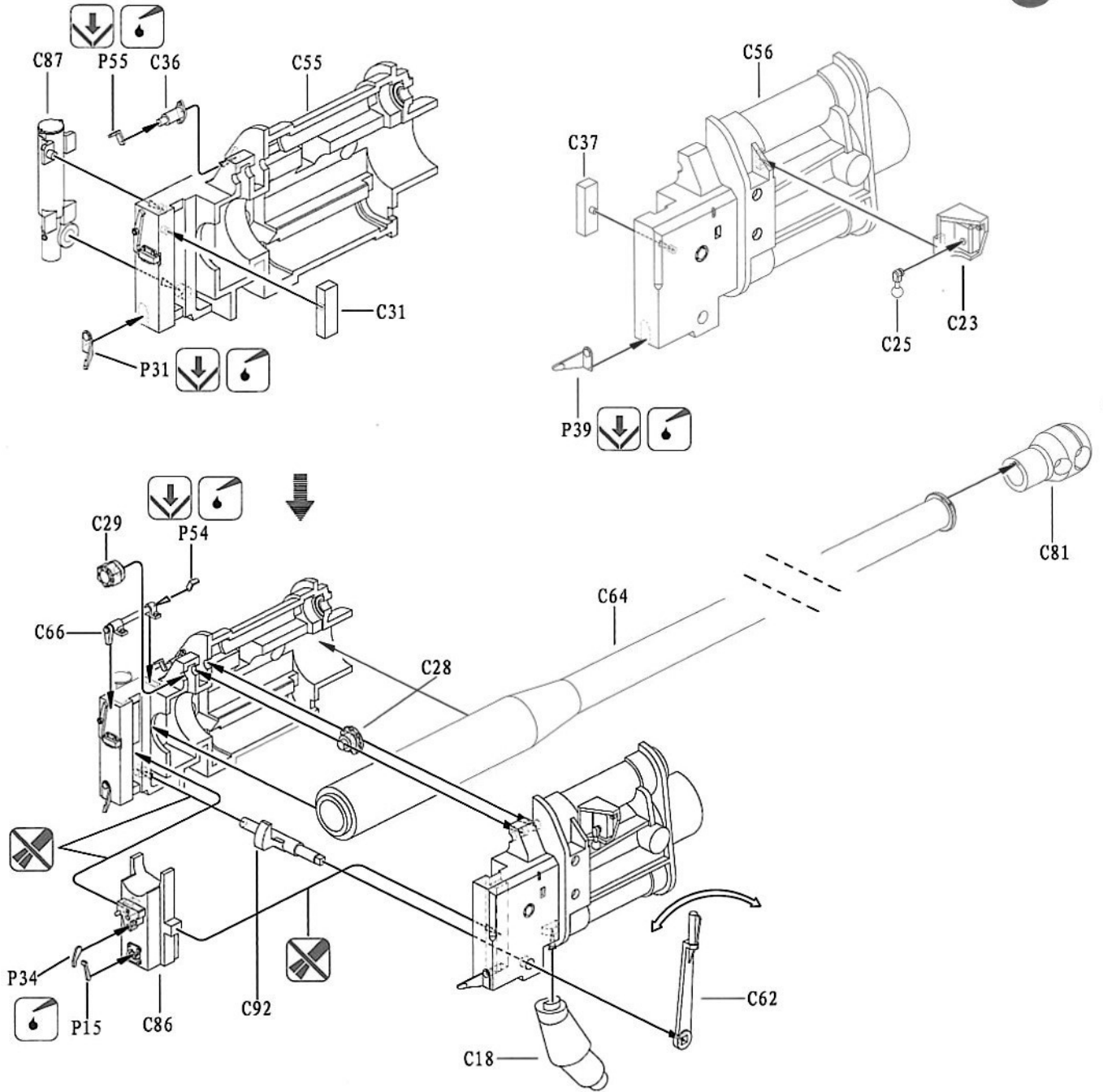
# ILLUSTRATION 图示说明:

28

C runner part  
C版流道零件



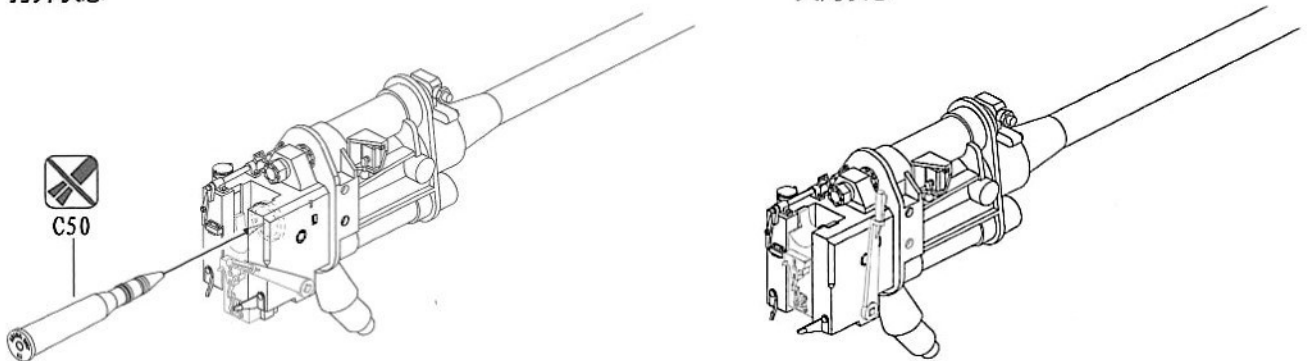
29



30

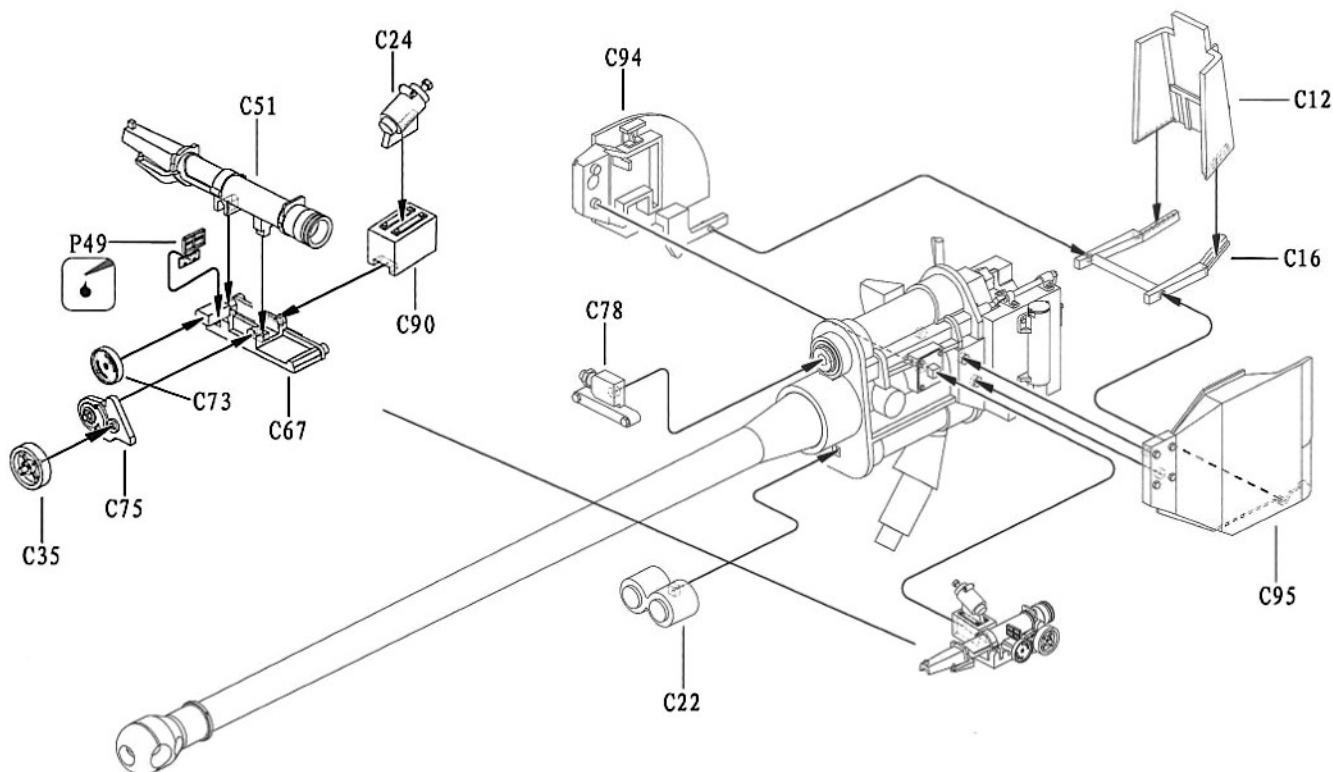
Open position  
打开状态

Close position  
关闭状态

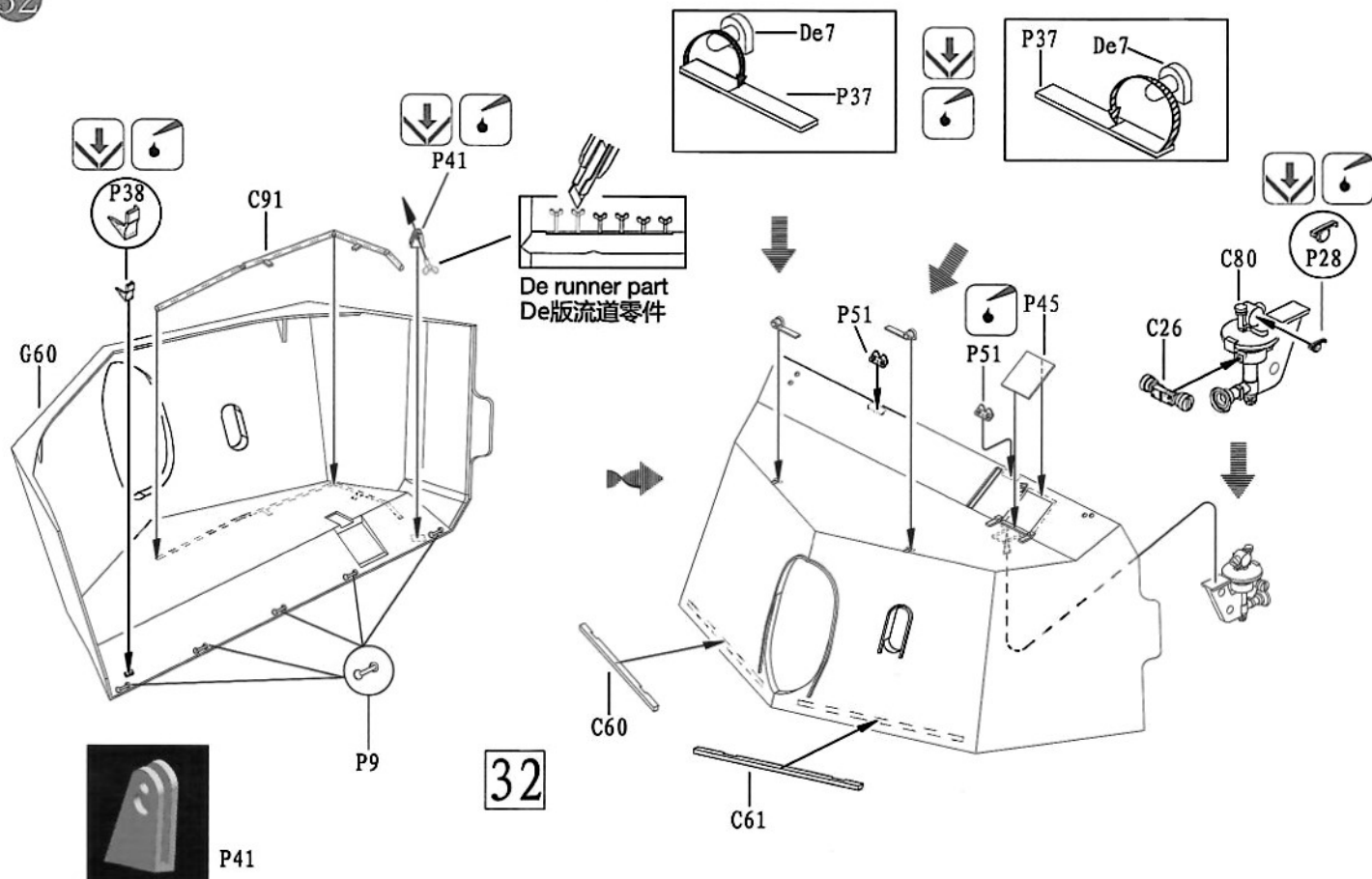


# ILLUSTRATION 图示说明:

31



32



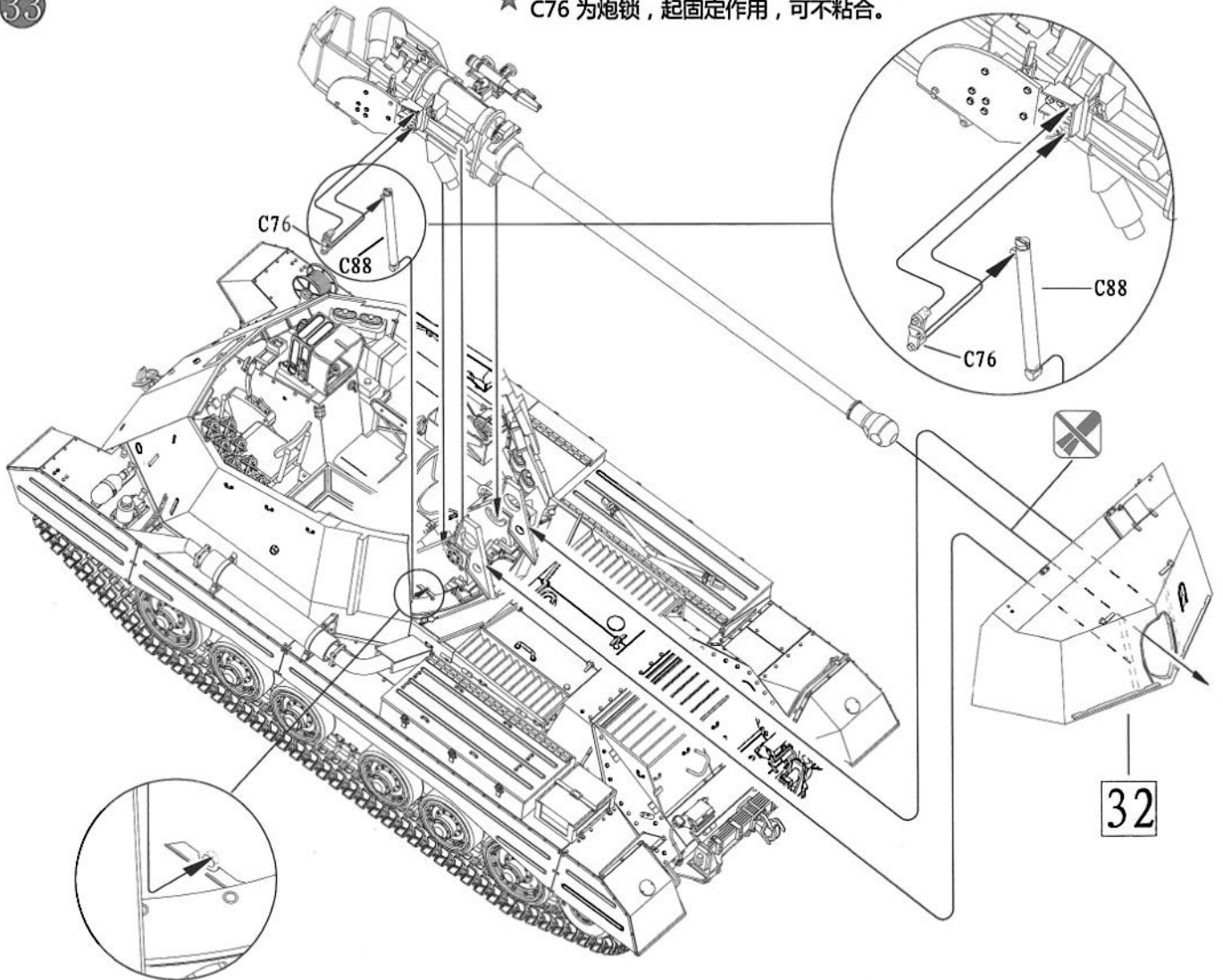
32



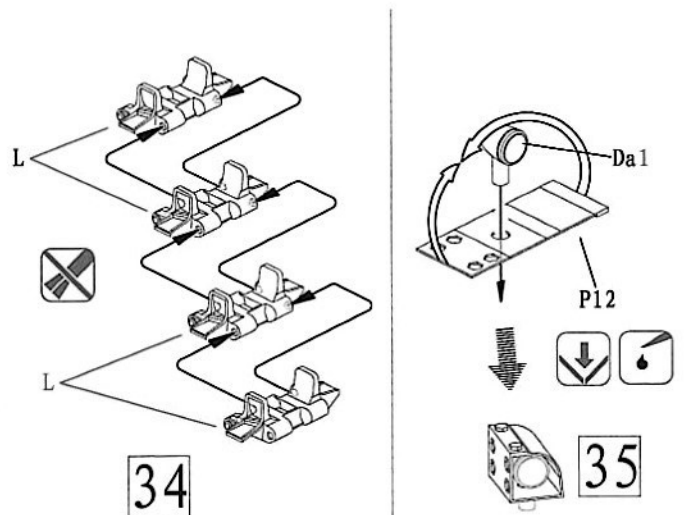
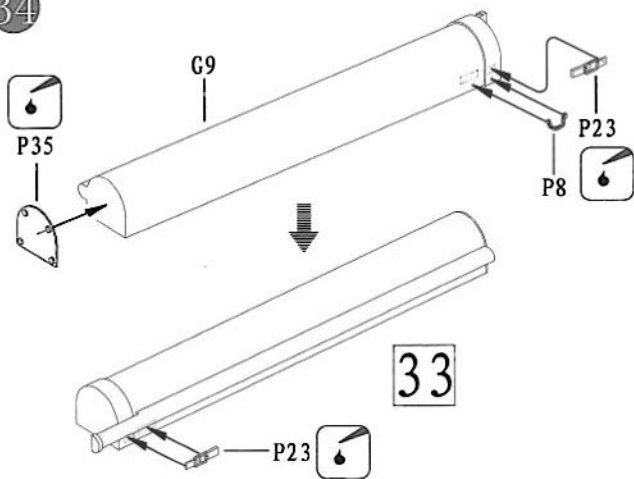
P41

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★ C76 gun lock parts, suggest not to glue for elevation.  
★ C76 为炮锁, 起固定作用, 可不粘合。



34



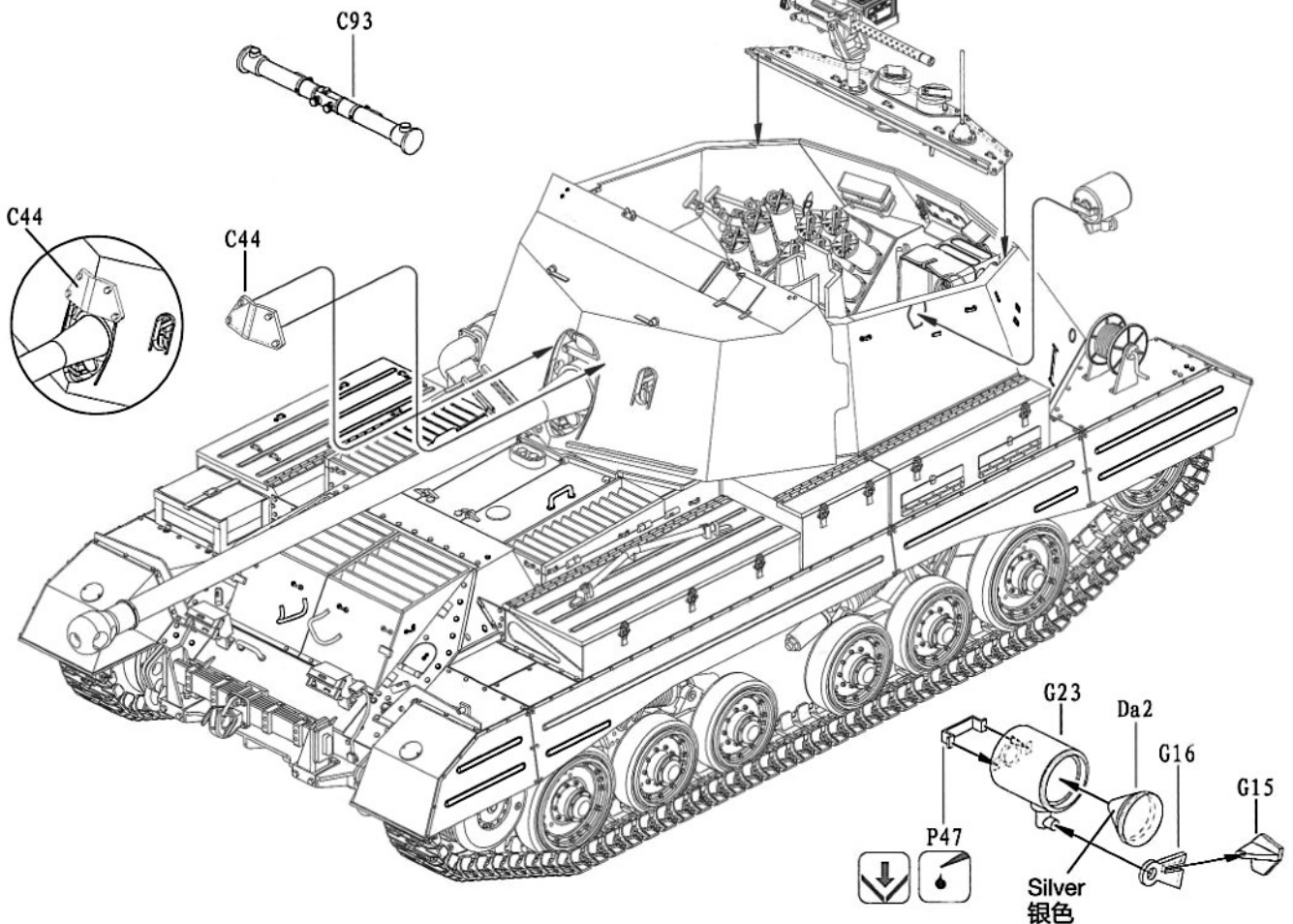
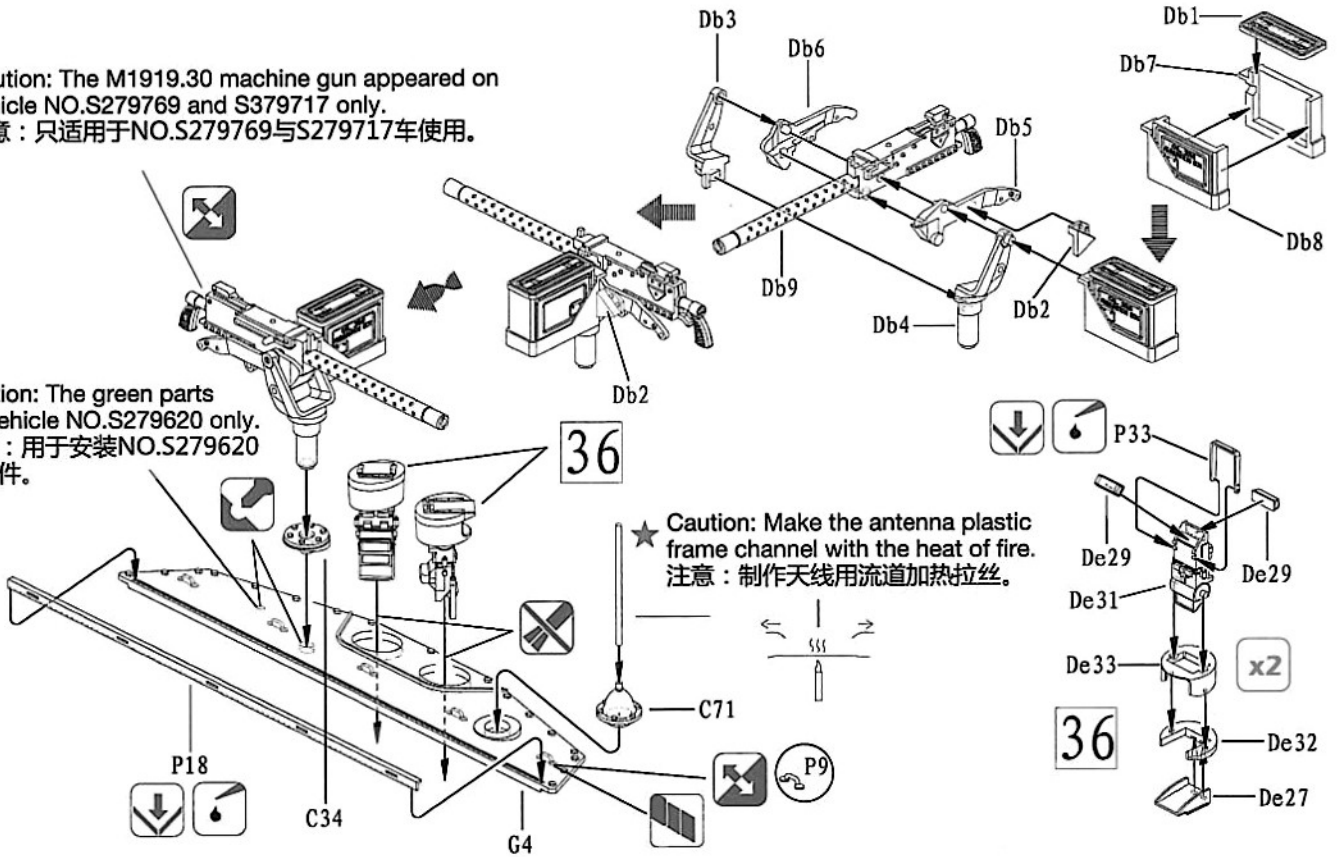
★ Caution: This part not available to vehicle NO.S279620.  
★ 注意: 此零件不适用于S279620号车辆。

# ILLUSTRATION 图示说明:

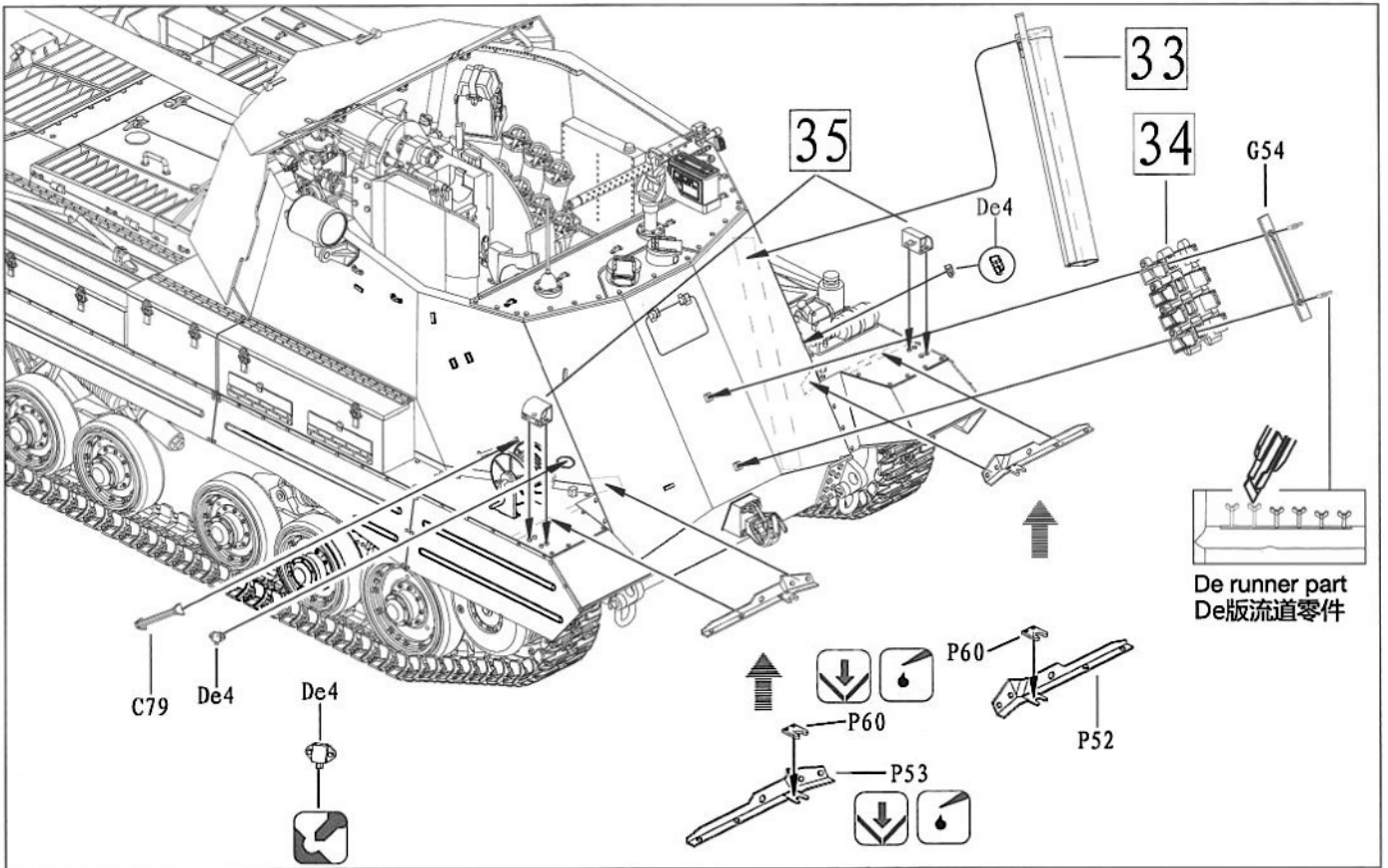
35

★ Caution: The M1919.30 machine gun appeared on vehicle NO.S279769 and S379717 only.  
 注意: 只适用于NO.S279769与S279717车使用。

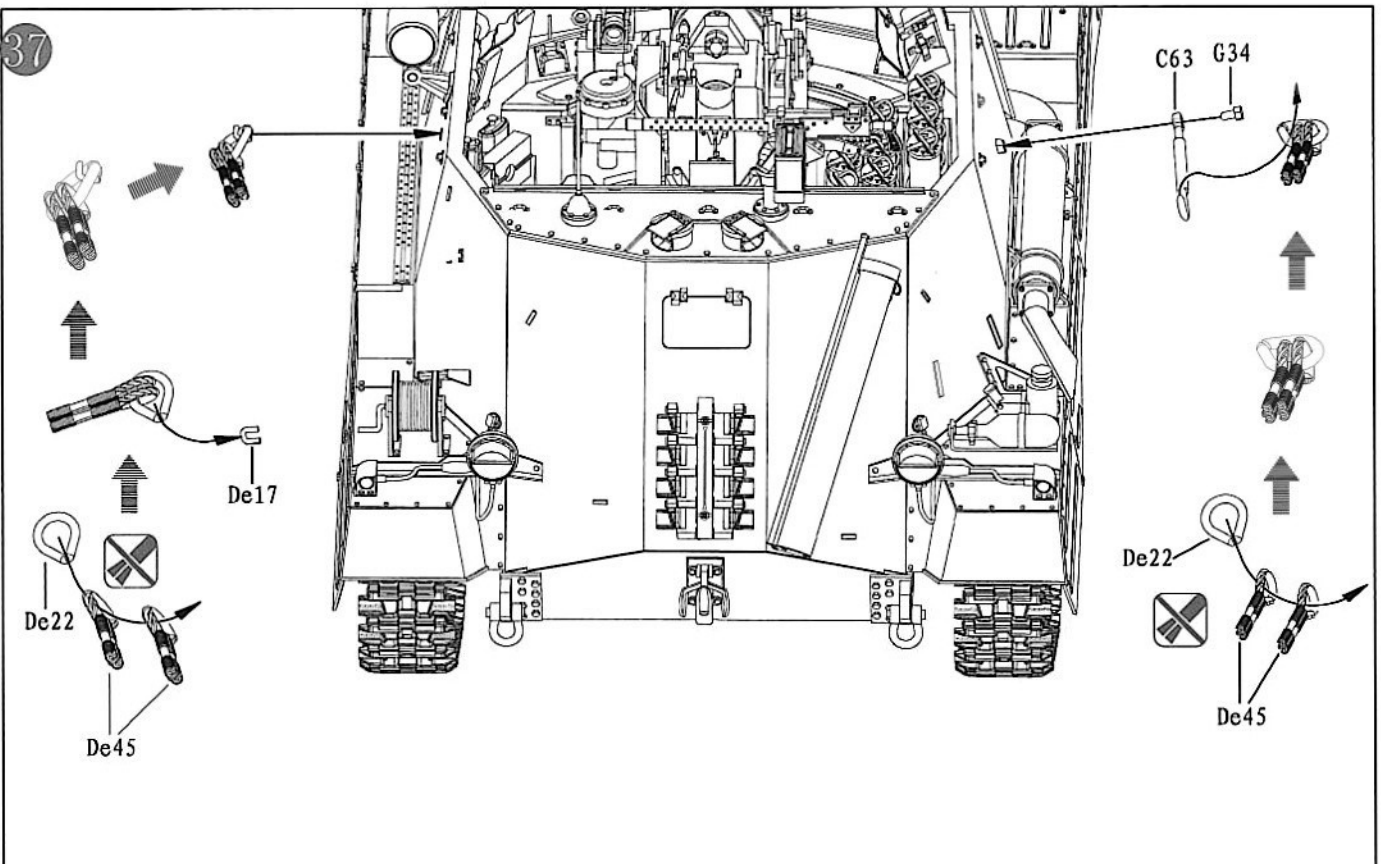
★ Caution: The green parts for vehicle NO.S279620 only.  
 注意: 用于安装NO.S279620车零件。

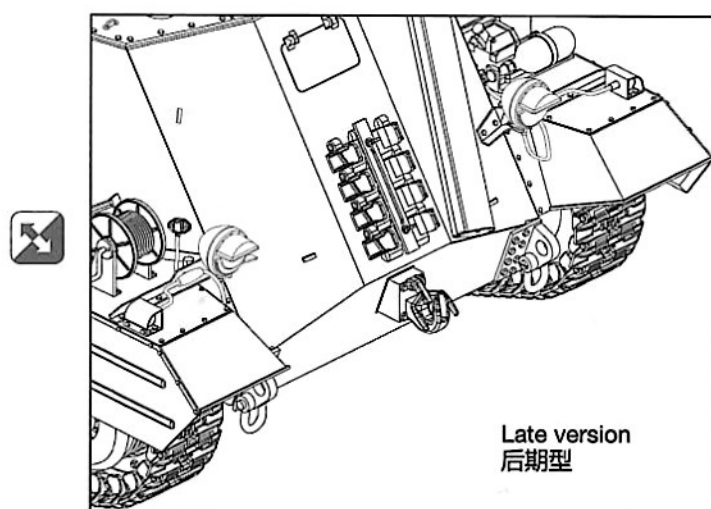
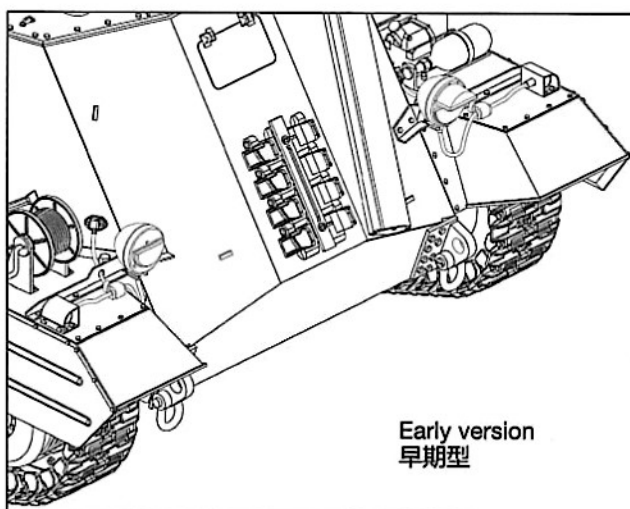
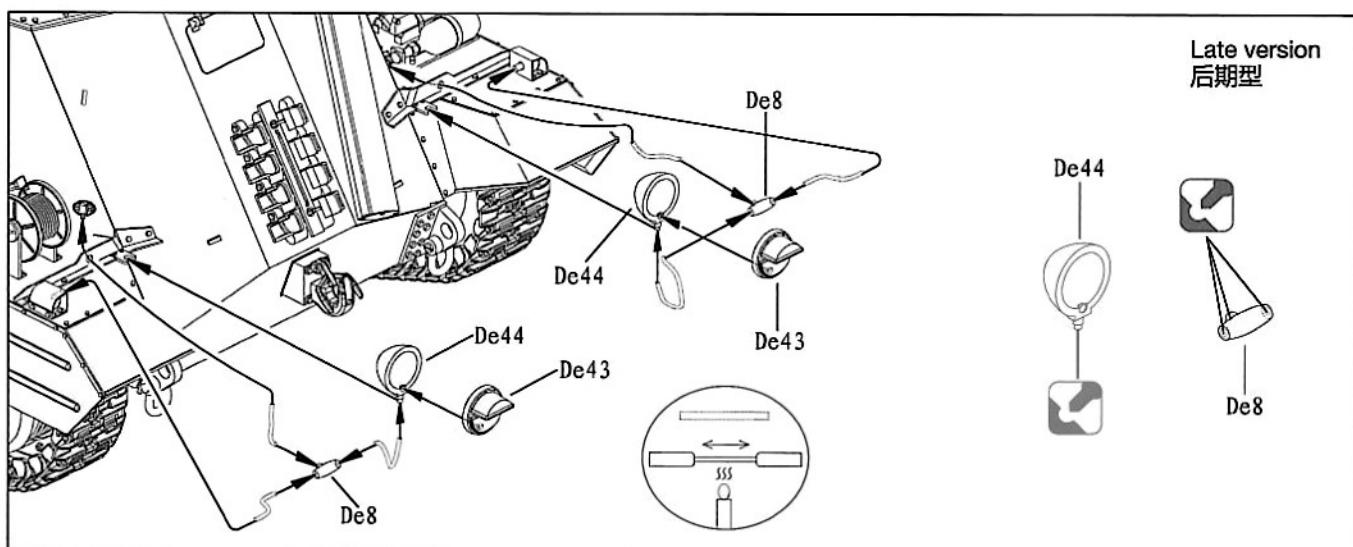
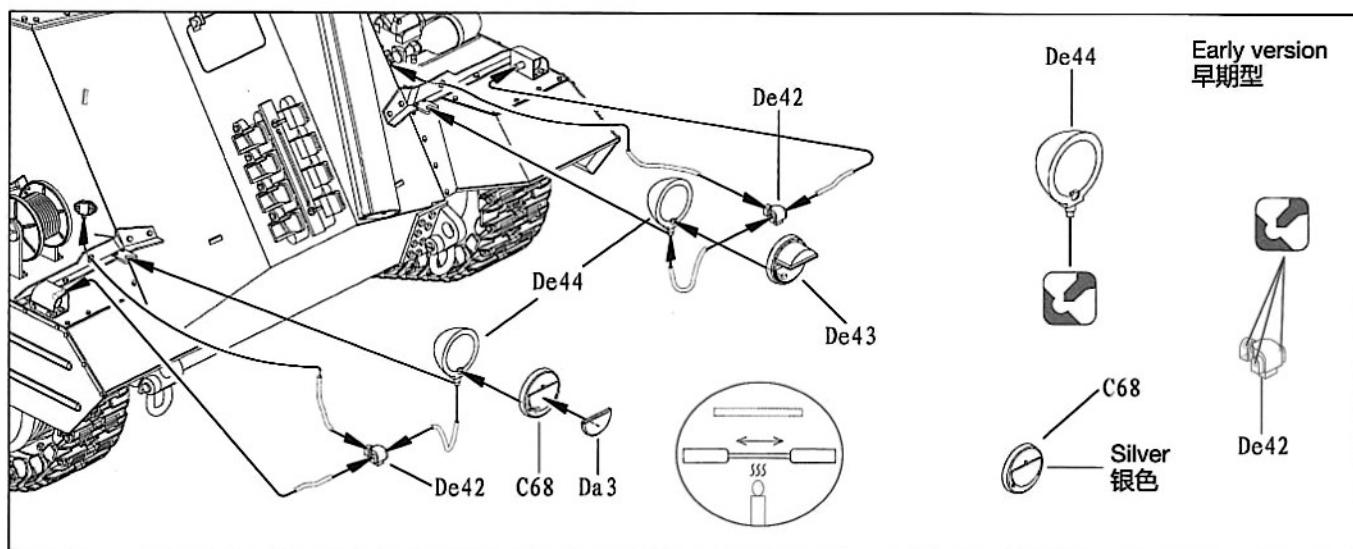


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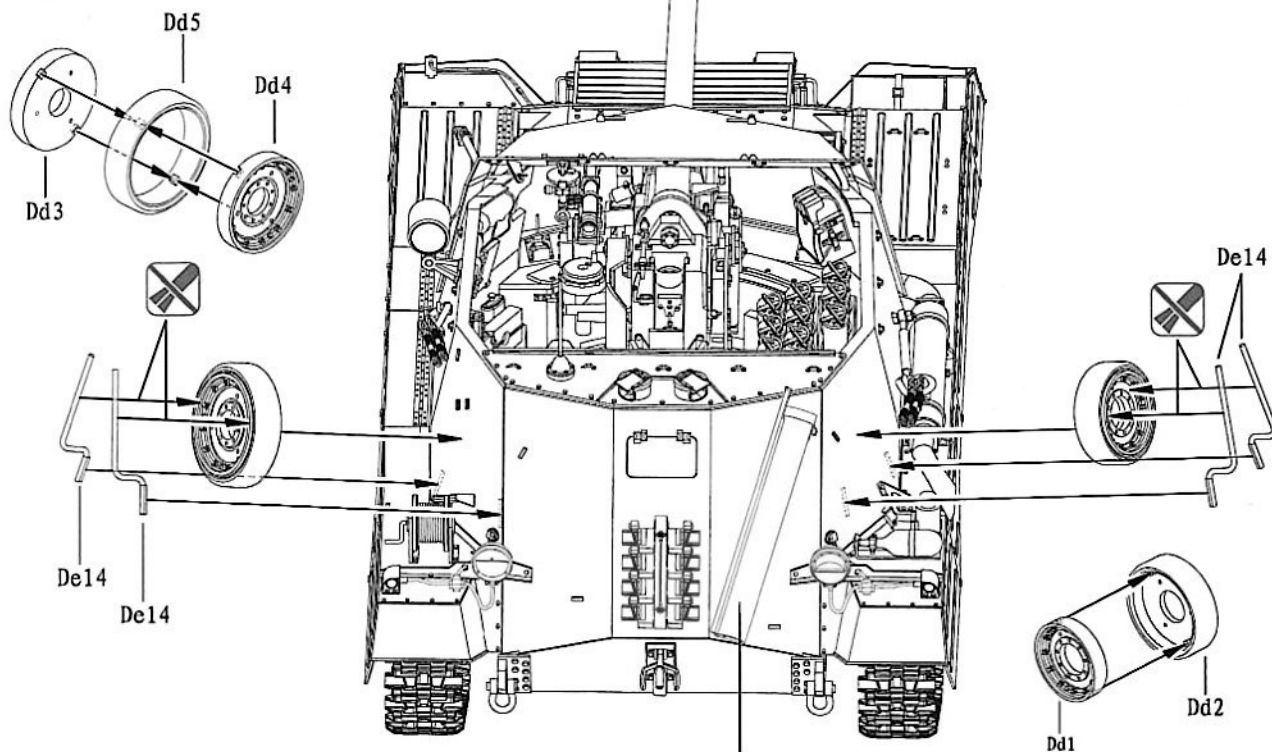
37





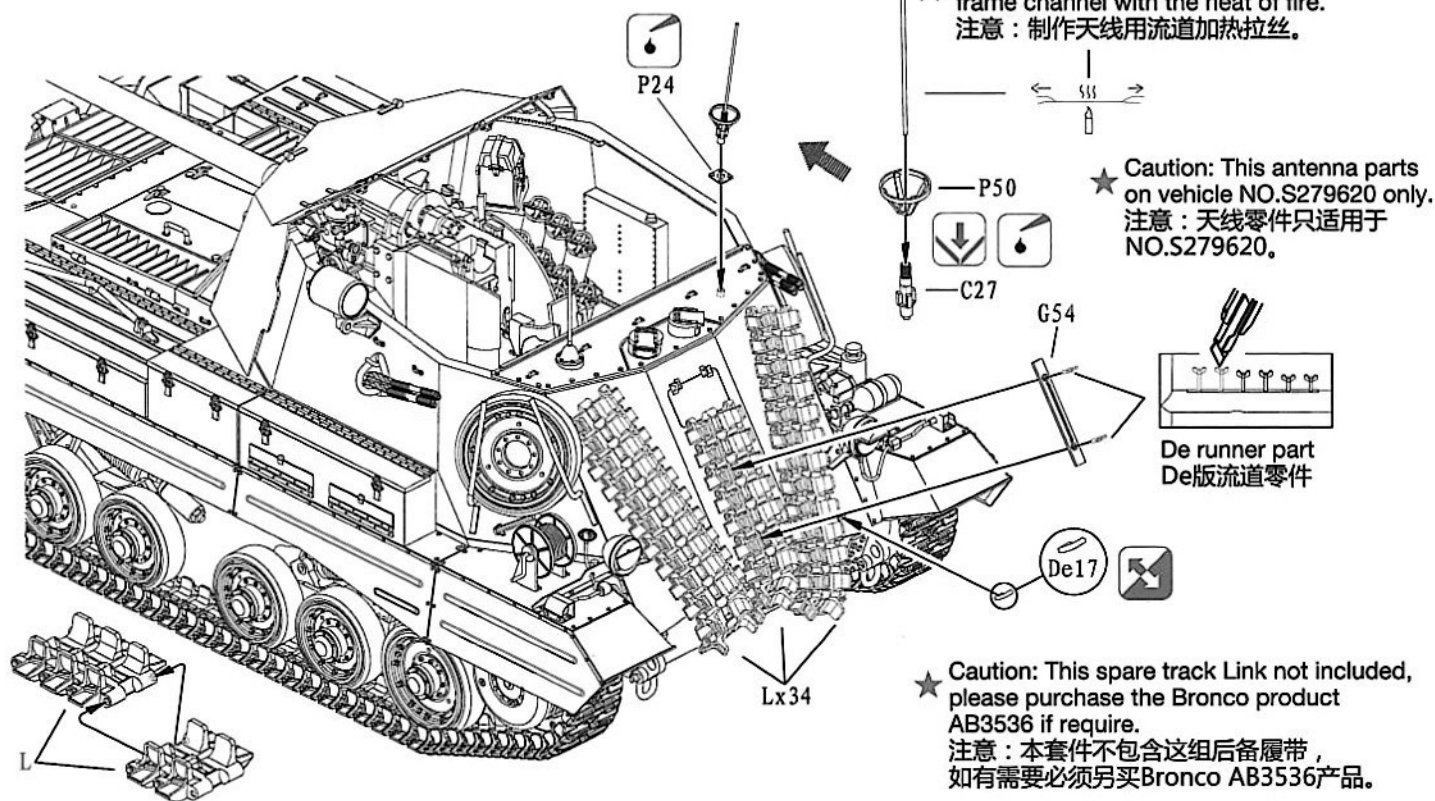


39 Early version  
早期型



★ Caution: This part not available to vehicle NO.S279620.  
注意：此零件不适用于S279620号车辆

40



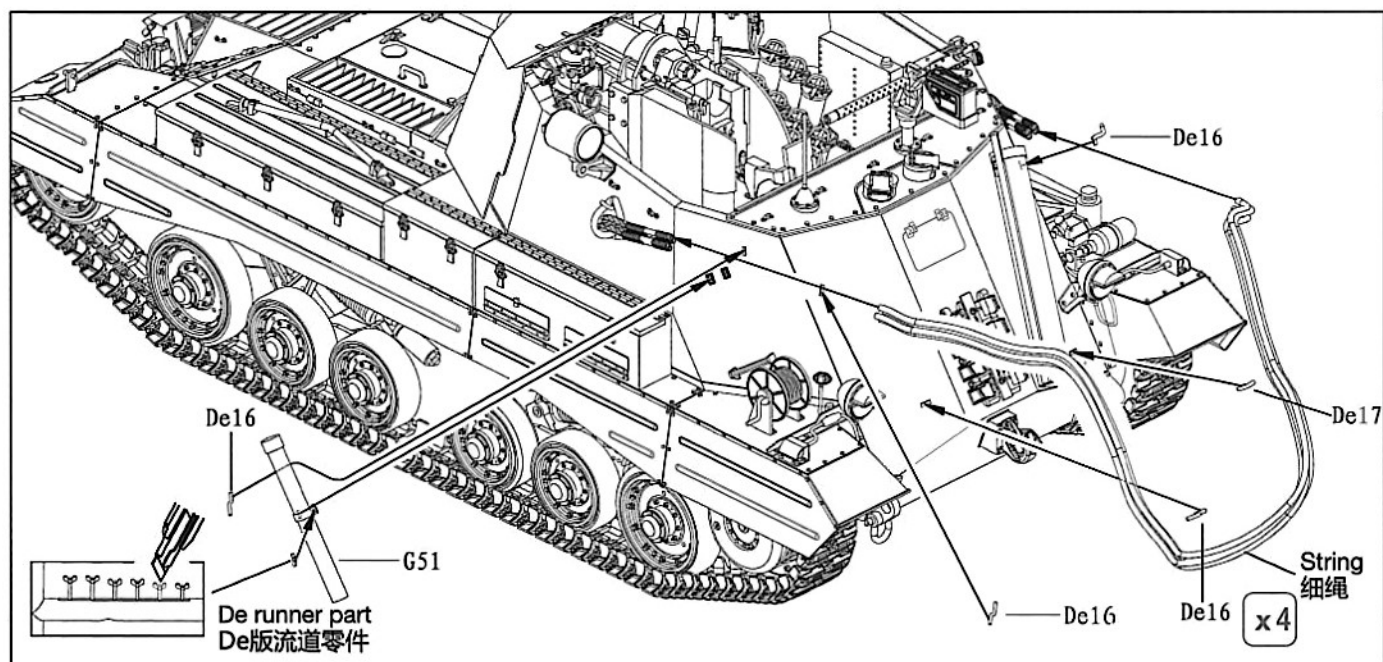
★ Caution: Make the antenna plastic frame channel with the heat of fire.  
注意：制作天线用流道加热拉丝。

★ Caution: This antenna parts on vehicle NO.S279620 only.  
注意：天线零件只适用于NO.S279620。

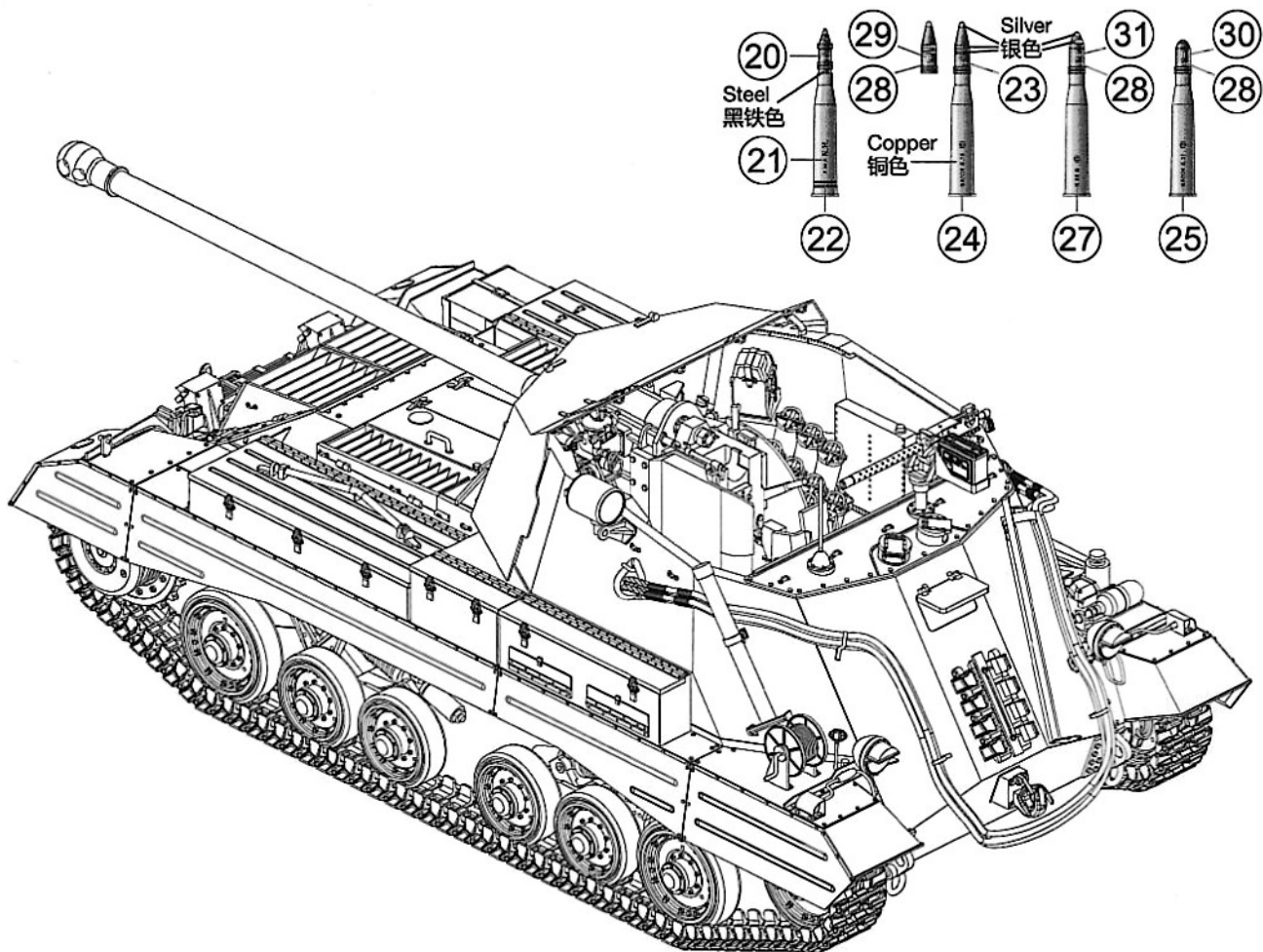
De runner part  
De版流道零件

★ Caution: This spare track Link not included, please purchase the Bronco product AB3536 if require.  
注意：本套件不包含这组后备履带，如有需要必须另买Bronco AB3536产品。

41



42

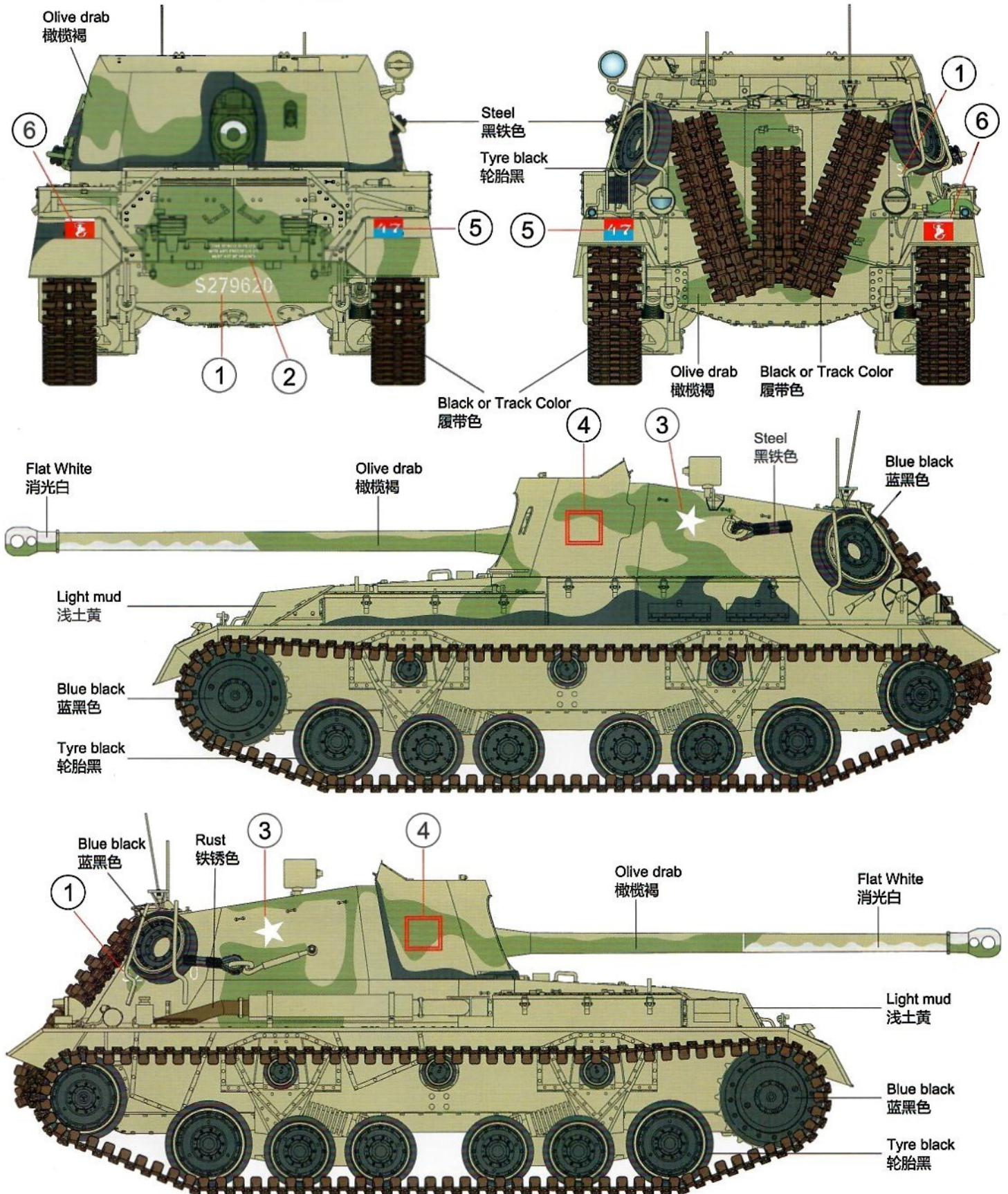


# DECAL & COLOUR GUIDE 水贴及涂色指示:

## Option 1:

Polish 7th Anti-Tank Regiment, 2nd Armoured Brigade, Italy 1943.

1943年在意大利作战之波兰第二装甲旅属下之第七反坦克团车辆。

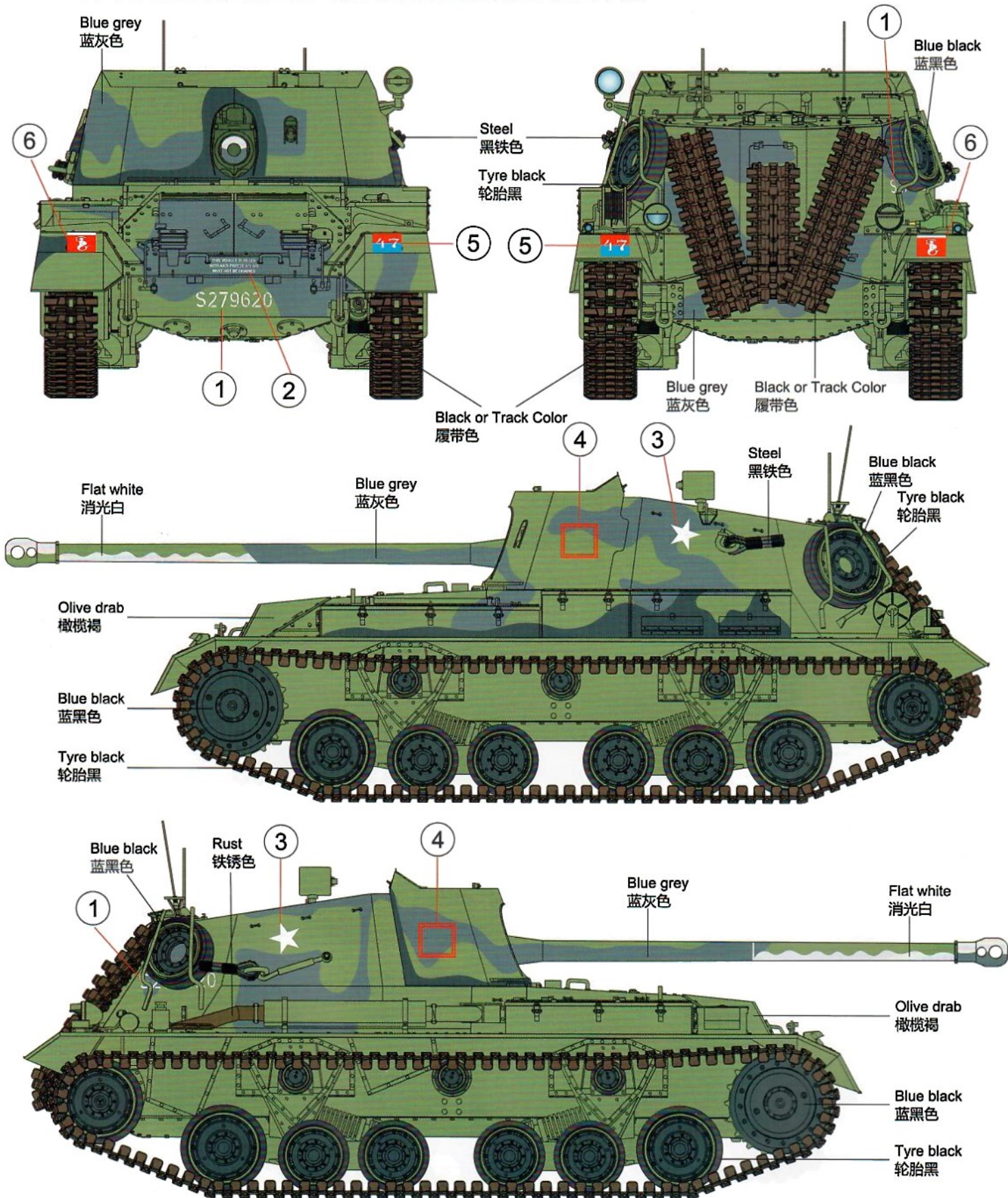


# DECAL & COLOUR GUIDE 水贴及涂色指示:

## Option 2:

Polish 7th Anti-Tank Regiment, 2nd Armoured Brigade, Italy 1943.

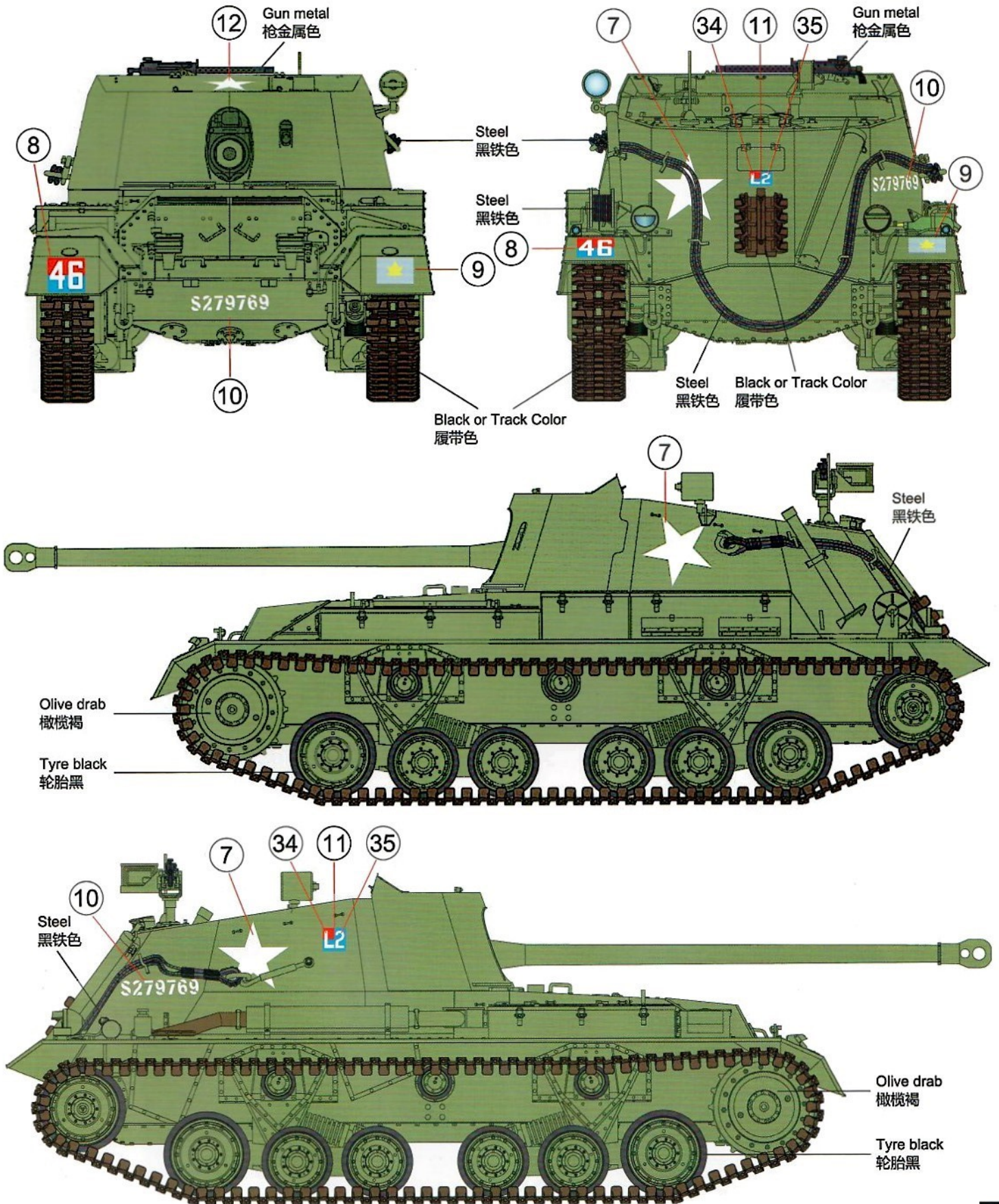
1943年在意大利作战之波兰第二装甲旅属下之第七反坦克团车辆。



# DECAL & COLOUR GUIDE 水贴及涂色指示:

## Option 3:

3rd Anti-Tank Regiment, Royal Canadian Artillery, 3rd Canadian Infantry Division (AOS 46).  
加拿大第三步兵师之皇家炮兵属下之第三反坦克团车辆。

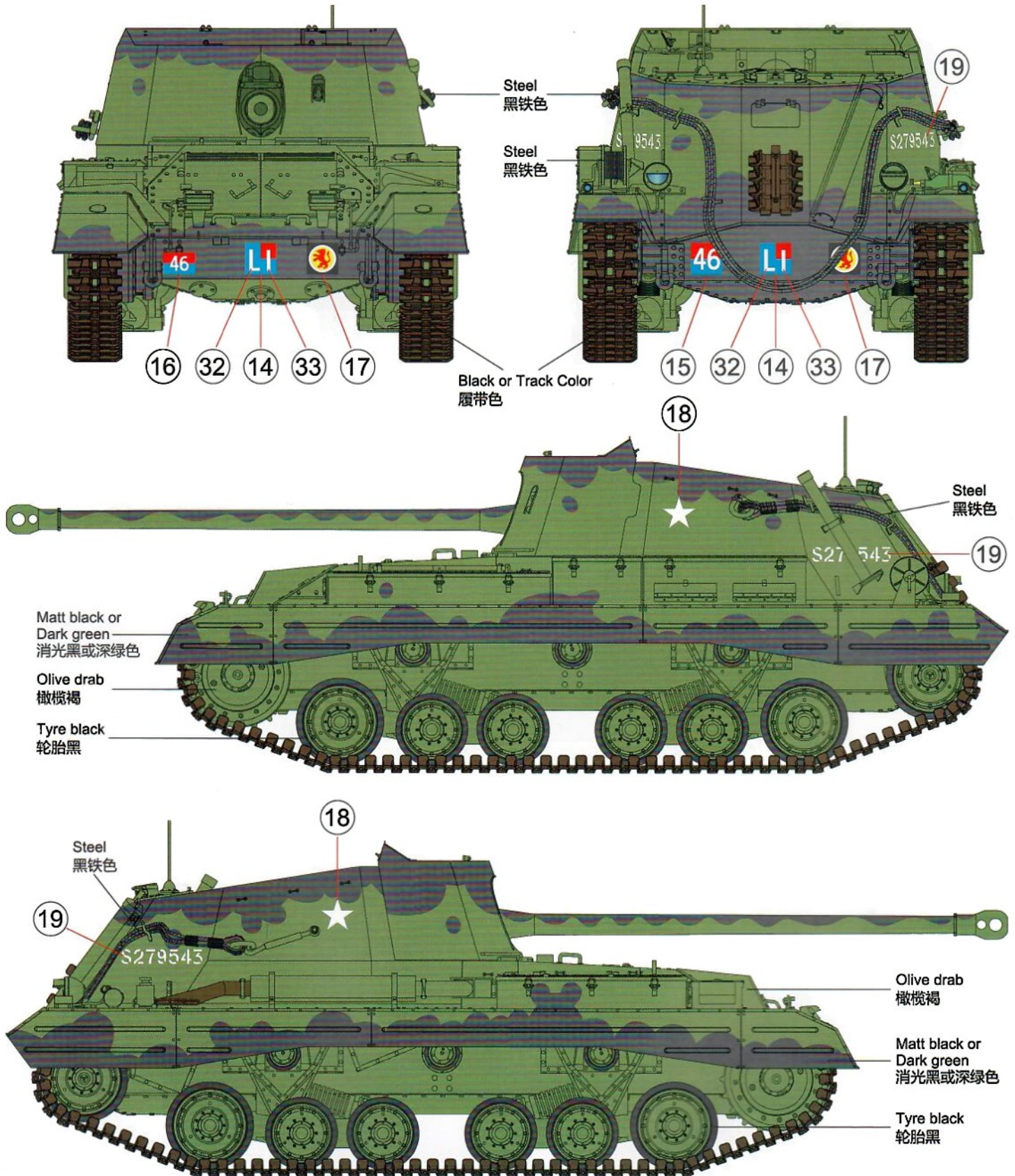


# DECAL & COLOUR GUIDE 水贴及涂色指示:

## Option 4:

15th Scottish Division, NW Europe, winter 1944-45.

1944~45年在西北欧作战之英军第15苏格兰师属下车辆。



Special thanks to  
Mr. Frantisek Koran (wwp)  
Mr. Phil Greenwood  
Mr. Wojciech Gawrych (Armor Color Gallery)  
for their info assistance

SPECIAL REFERENCE BOOK INTRODUCTION  
特别相关资料书介绍

