

YPR 765 PRI

Starting in 1965, the US Army commenced a series of trials for prototypes of various Infantry Fighting Vehicle (IFV), after realizing the difficulty of the existing Armored Personnel Carriers (APCs) for the carried infantrymen to aim and fire their individual weapons from the vehicles. By 1967, FMC completed two XM765 prototypes for trials.

However, due to the limited access for outward viewing of its single-personnel turret, as well as its insufficient mobile capability when accompanying tanks, the design was rejected by the US Army.

Without funding, FMC had to carry on the development of this vehicle as a private venture. By 1970, a prototype of AIFV, which was converted from the M113A1, was completed.

Similar to the original M113, the chassis of AIFV was also made from welded aluminum. Following the practice of M113A2, however, the fuel tanks of AIFV were relocated to the external rare in order to reduce damage caused by mines. For better protection, FMC-patented applique armor was added to the front as well as both sides, which not only provide better protection for the vehicle, but also improved its floating capability. On the roof a single-personnel turret is located in the middle-upper right, mounting a 25mm cannon and a co-axial 7.62mm machine gun, and a personnel exit hatch was retained on the upper left. There are two firing ports on each of the sloped sides of the personnel cabin for the carried personnel to fire their individual weapons without the need to leave the vehicle. In addition to the standard vehicle, there are also other variants including TOW missile launcher, armored ambulance, and armored recovery vehicle.

The Dutch Army placed an order of 880 AIFVs in 1973 to replace their aging APCs. These vehicles entered Dutch service in 1977 and were re-named the YPR765. The AIFV also serves with the armor units of Belgium, the Philippines, Egypt and Turkey.

1965年、現行の装甲兵員輸送車(APC)の能力に限界を感じたアメリカ陸軍は、歩兵が車内から射撃することが可能な歩兵戦闘車(IFV)の試作と試験を開始します。1967年までに、FMC社は、2輦の試作型XM765を完成させましたが、戦車に随伴したときの走破能力の不足と、搭載した1人用砲塔の視界の悪さのためそのデザインはアメリカ陸軍には受け入れられませんでした。しかし、FMC社は独自に車輛の開発を継続し、M113A1を改造した装甲歩兵戦闘車の試作車を1970年までに完成させました。

この車輛は、オリジナルのM113と同様に、車体はアルミニウムの溶接で造られ、燃料タンクはM113A2の実績を踏襲して、地雷などから受けるダメージを避けるために外部に設置されています。防御性を高めるためFMC社が特許を持つ増加装甲が、前面と側面に装着されました。この増加装甲は防御のためばかりでなく車体に浮航性を持たせることにも寄与しています。車体上面の中央右寄りには、25mm機関砲と7.62mm機銃を装備した砲塔が設置され、上面左側には、脱出ハッチが設けられています。兵員室の側面には左右それぞれ2個の銃口が設けられ、乗車した歩兵が車外に出なくても個人装備の火器を射撃することを可能にしています。また、スタンダードなタイプに加え、TOWミサイルのランチャーを装備したタイプや装甲救急車、装甲回収車等のバリエーションが存在します。

オランダ陸軍は、老朽化した自軍の装甲兵員輸送車の代わりとして、1973年に880輦の装甲歩兵戦闘車を発注します。これらの車輛は、1977年に配備され、YPR765の名称が与えられました。また、この装甲歩兵戦闘車は、ベルギー、フィリピン、エジプト、トルコの装甲部隊にも供給されています。



In 1965 begon het Amerikaanse leger met een serie proeven van prototypes van verschillende infanterie gevechtsvoertuigen (AIFV's) nadat men zich realiseerde dat de bestaande gepantserde troepencarriers (APC's) niet geschikt waren om de aanwezige infanteristen hun eigen wapens vanuit het voertuig te laten afvuren. In 1967 had fabrikant FMC twee XM765 prototypes klaar voor proeven. Echter, omdat het zicht vanuit de koepel beperkt was en de mobiliteit niet voldoende was om tanks te begeleiden, werd het ontwerp door het leger afgewezen.

Zonder financiële steun was FMC genoodzaakt het project met eigen middelen voort te zetten. In 1970 was een nieuw prototype op basis van de M113A1 gereed.

Net als bij de M113 was de romp van deze AIFV ook van gelast aluminium. Evenals bij de M113A2 waren de brandstoftanks naar achteren verplaatst om schade door mijnen te reduceren. Verder werd een door FMC gepatenteerde bepantsering aangebracht aan de voor- en zijkanten, die niet alleen meer bescherming bood maar tevens het drijfvermogen verbeterde. Op het dak werd aan de rechterkant een eenpersoons koepel geplaatst met een 25mm kanon en een co-axiaal 7.62mm machinegeweer; het luik aan de linkerkant werd gehandhaafd. Zowel aan de linker- als de rechterkant werden in de romp twee luiken aangebracht om de manschappen binnen in staat te stellen hun wapens af te vuren zonder het voertuig te verlaten. Naast het standaard voertuig is er ook een variant met een TOW raketsysteem, een ambulance en een bergingsvoertuig.

Het Nederlandse leger plaatste een bestelling van 880 AIFV's om de verouderde APC's te vervangen. Deze voertuigen werden in 1977 in dienst genomen en omgedoopt tot YPR765. Dit voertuig kwam ook in dienst bij pantsereenheden van België, Egypte, Turkije en de Filipijnen.

Illustration: 圖示說明



Method For Applying Decals:

1. Clean Model Surface With Wet Cloth.
2. Cut Out Of Decal Sheet And Dip Them In Water For 15 Seconds.
3. Place it on proper position on model.
4. Slide off base paper leaving decals On Model With Wet Finger Tip.
5. Move Decals To Exact Position, Push Out Excess Water Under Decal With Soft Cotton Cloth.
6. When Decals Get Dry Then Complete.

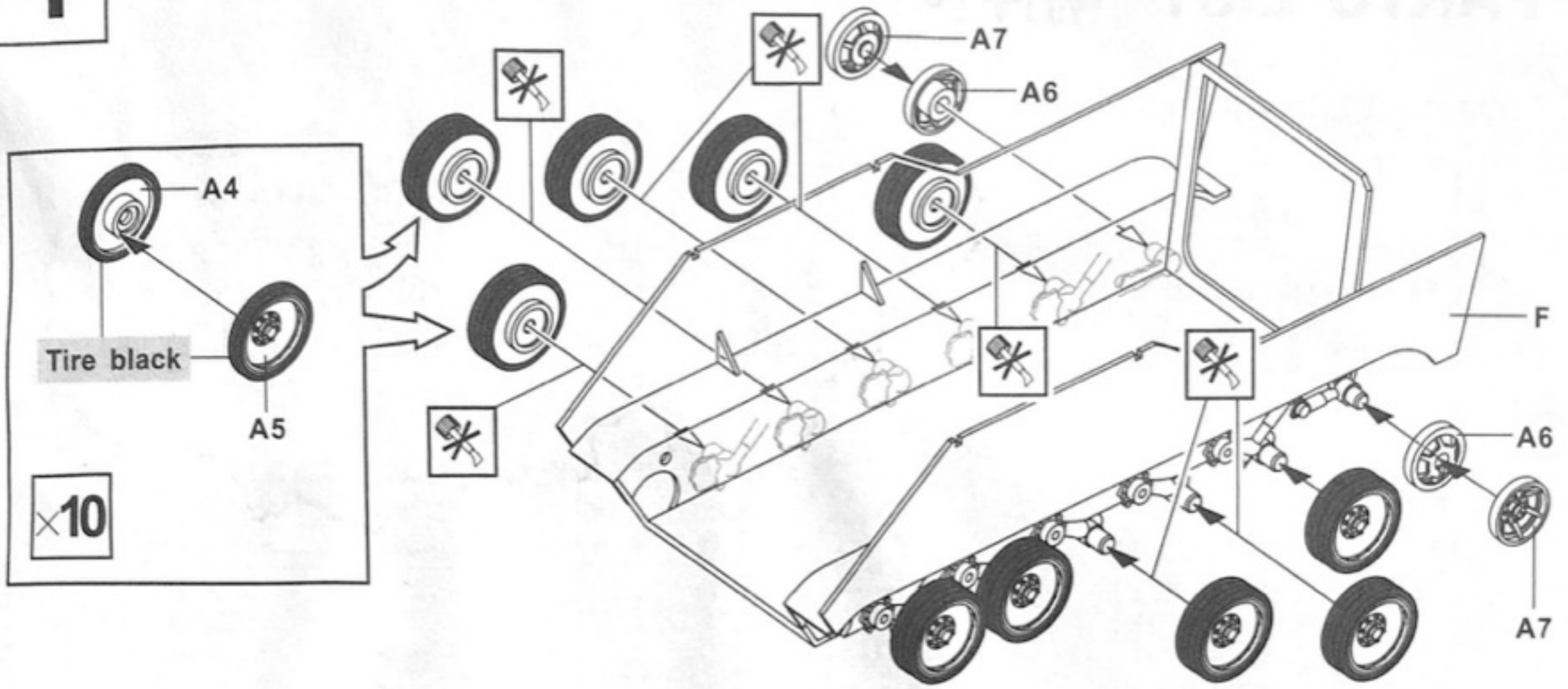
水貼紙使用說明:

1. 將模型表面擦乾淨
2. 將貼紙剪下泡入清水中約15秒
3. 將泡濕之貼紙取出置於欲貼處旁
4. 用指尖輕推貼紙表面使其滑出底紙
5. 將貼紙調整至適當位置並輕擦拭水份
6. 待其自然乾燥後即完成

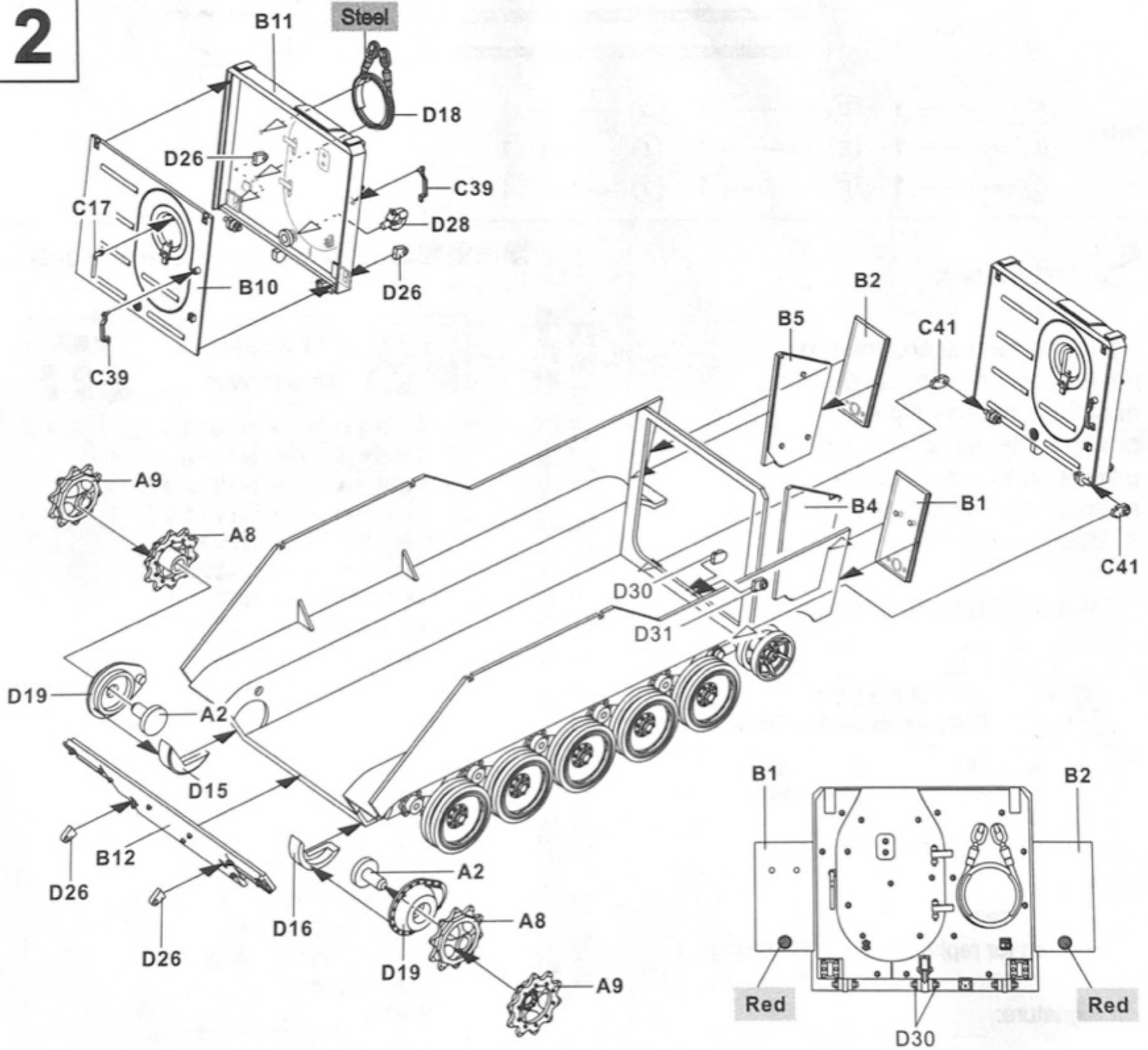
Color list: 塗料表

Color	Brand	GSI Creos (Gunze Sangyo)			Humbrol	Revell	Life Color
		Hobby Color	Mr. Color	Mr. Color Spray			
Olive drab(2)	橄欖綠	H-78	C-38	J-38	66	46	UA106
Khaki	卡其	H-81	C-55		26	86	
Black	黑	H-2	C-2	J-2	21	7	LC72
Steel	黑鐵	H-18	C-28	J-28	53	91	LC76
Tire black	輪胎黑	H-77	C-137		85	302	
Silver	銀	H-8	C-8	J-8	11	90	LC74
Red brown	紅褐	H-47	C-41	J-41	160	383	
Red	紅	H-3	C-3	J-3	19	31	LC56
Orange	橘	H-14	C-59		18	30	LC55
Flat black	消光黑	H-12	C-33	J-33	33	8	LC02
Flat red	消光紅	H-13			73		LC06

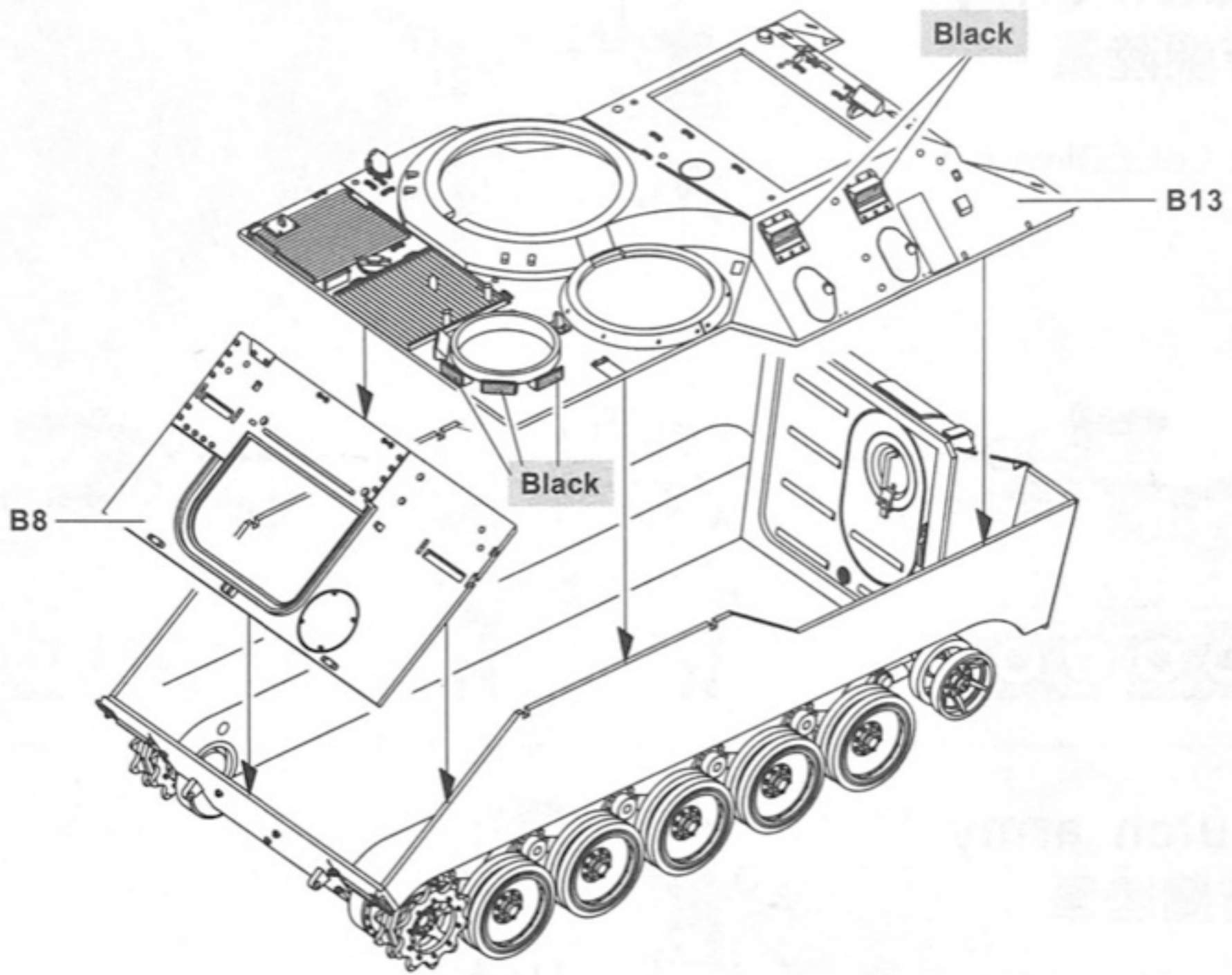
1



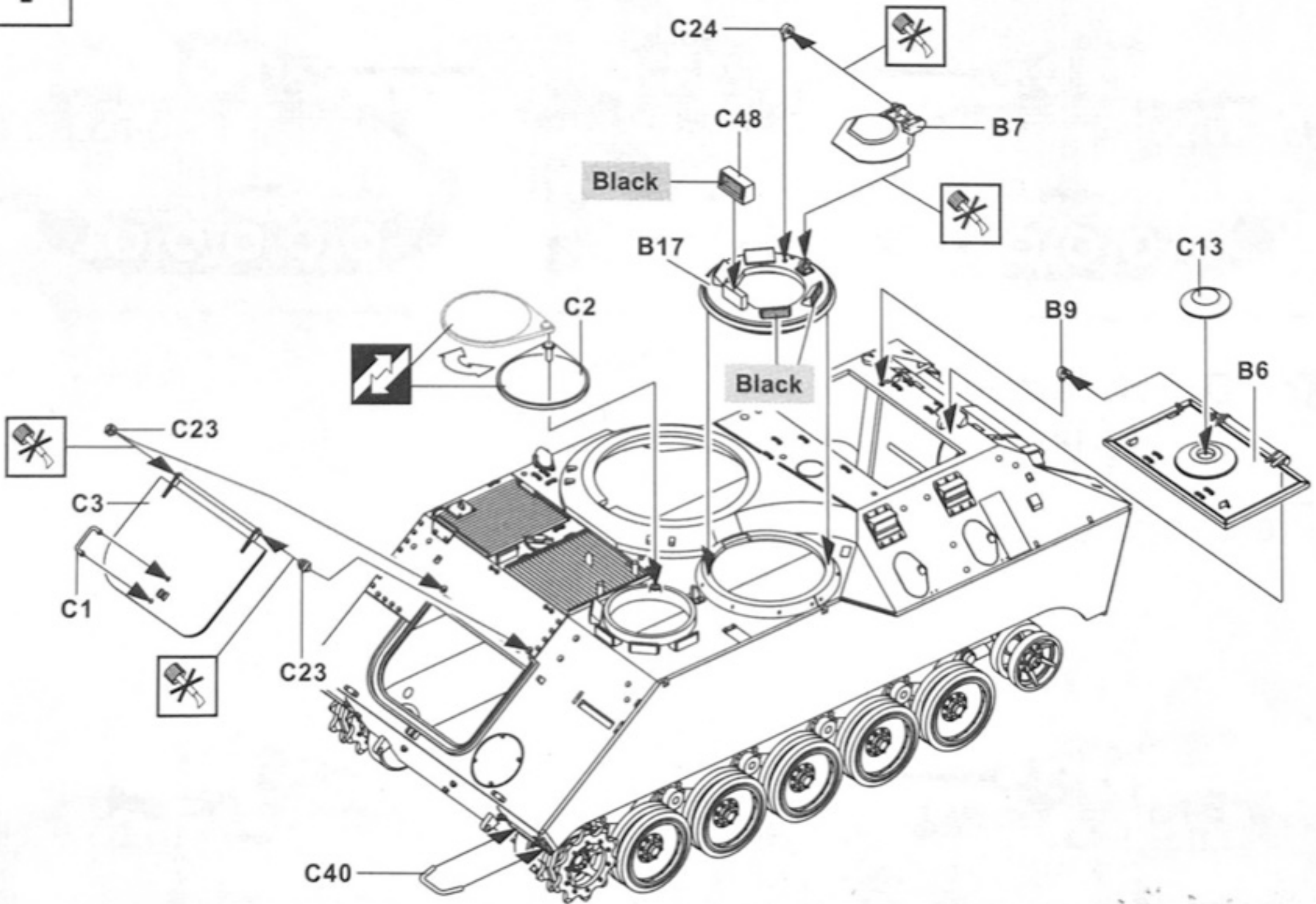
2

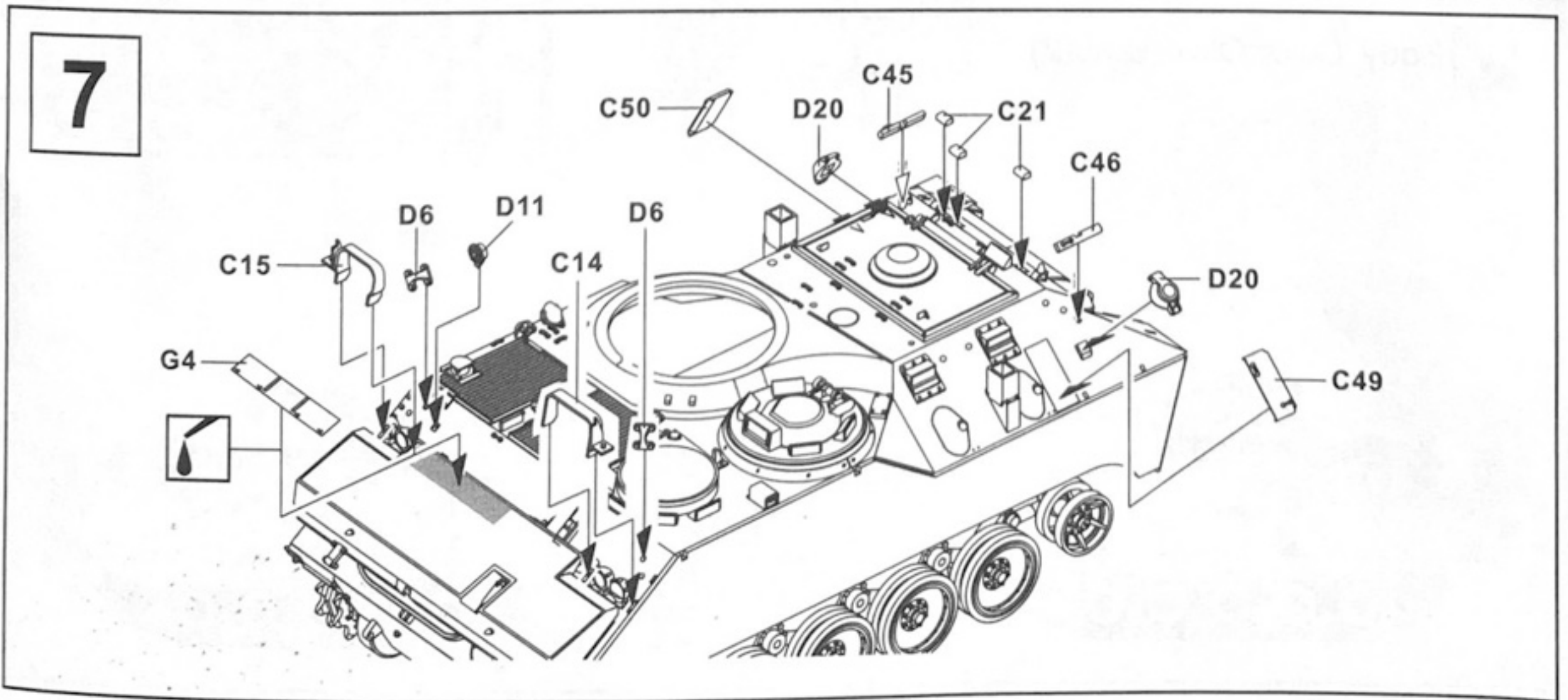
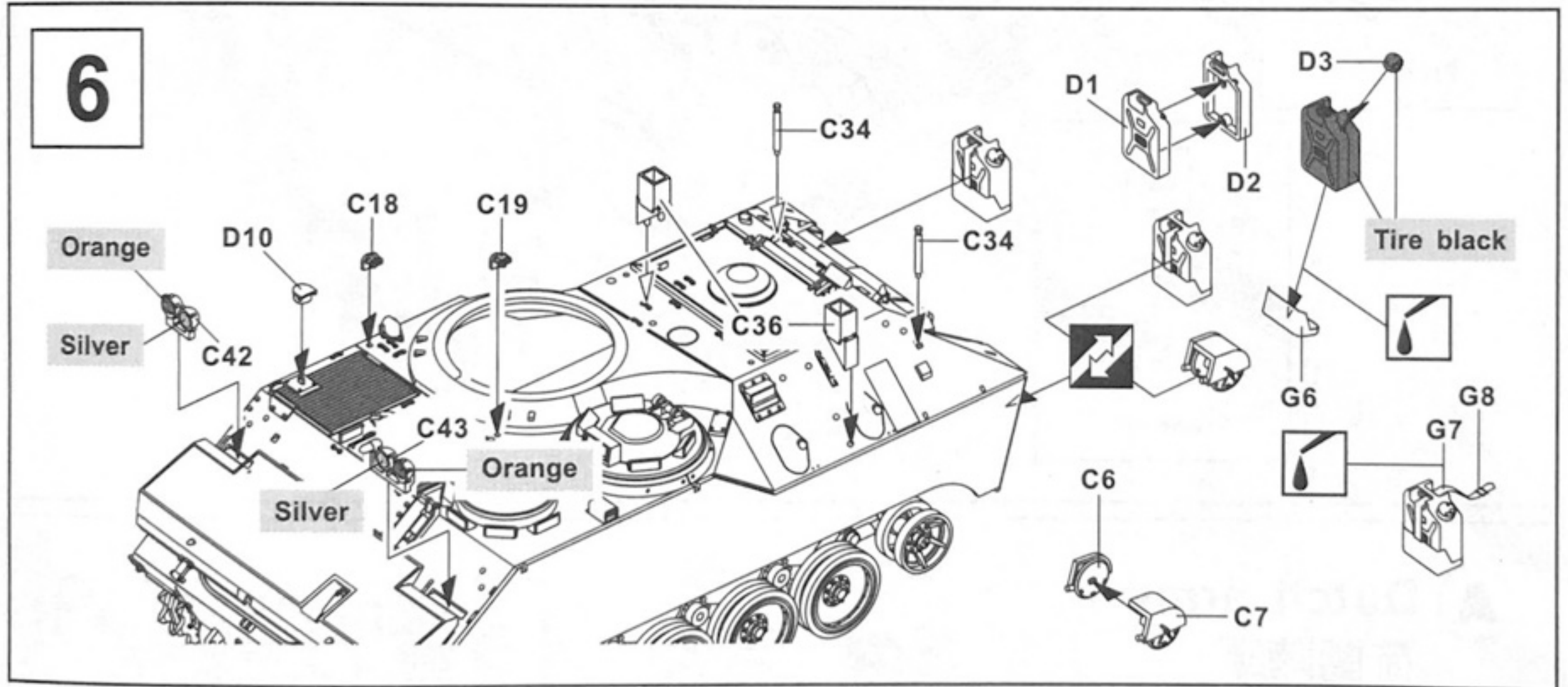
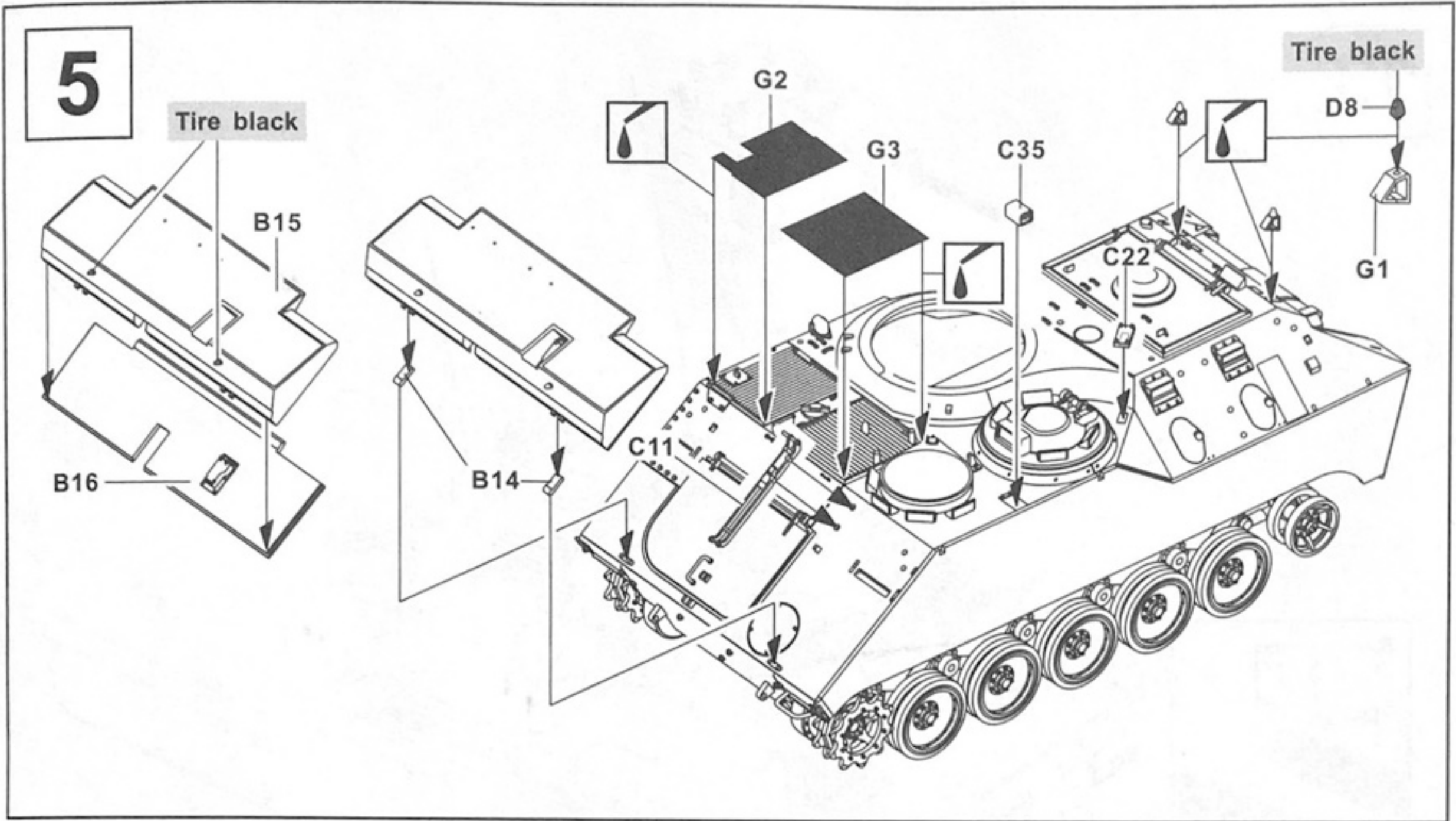


3

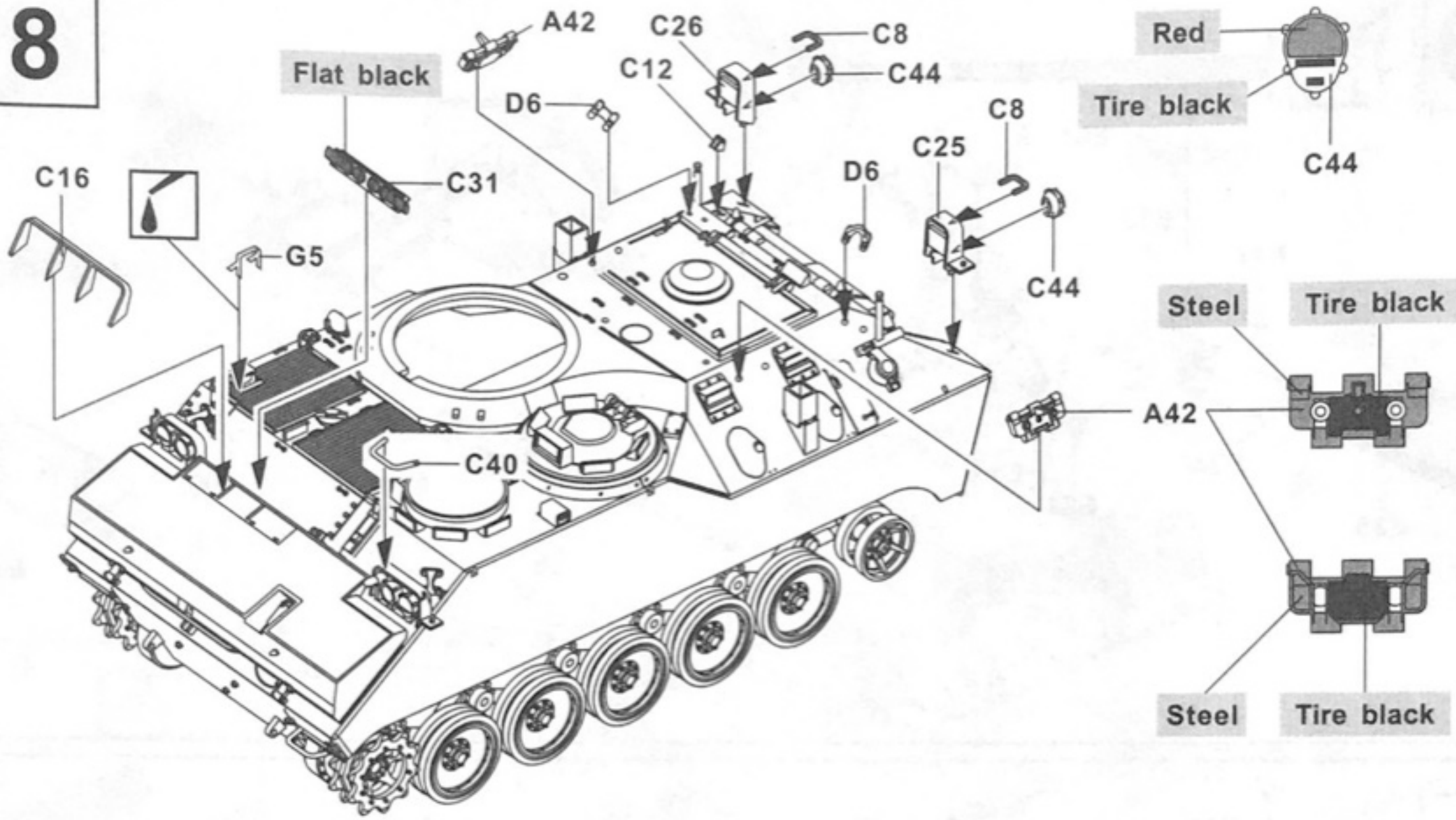


4

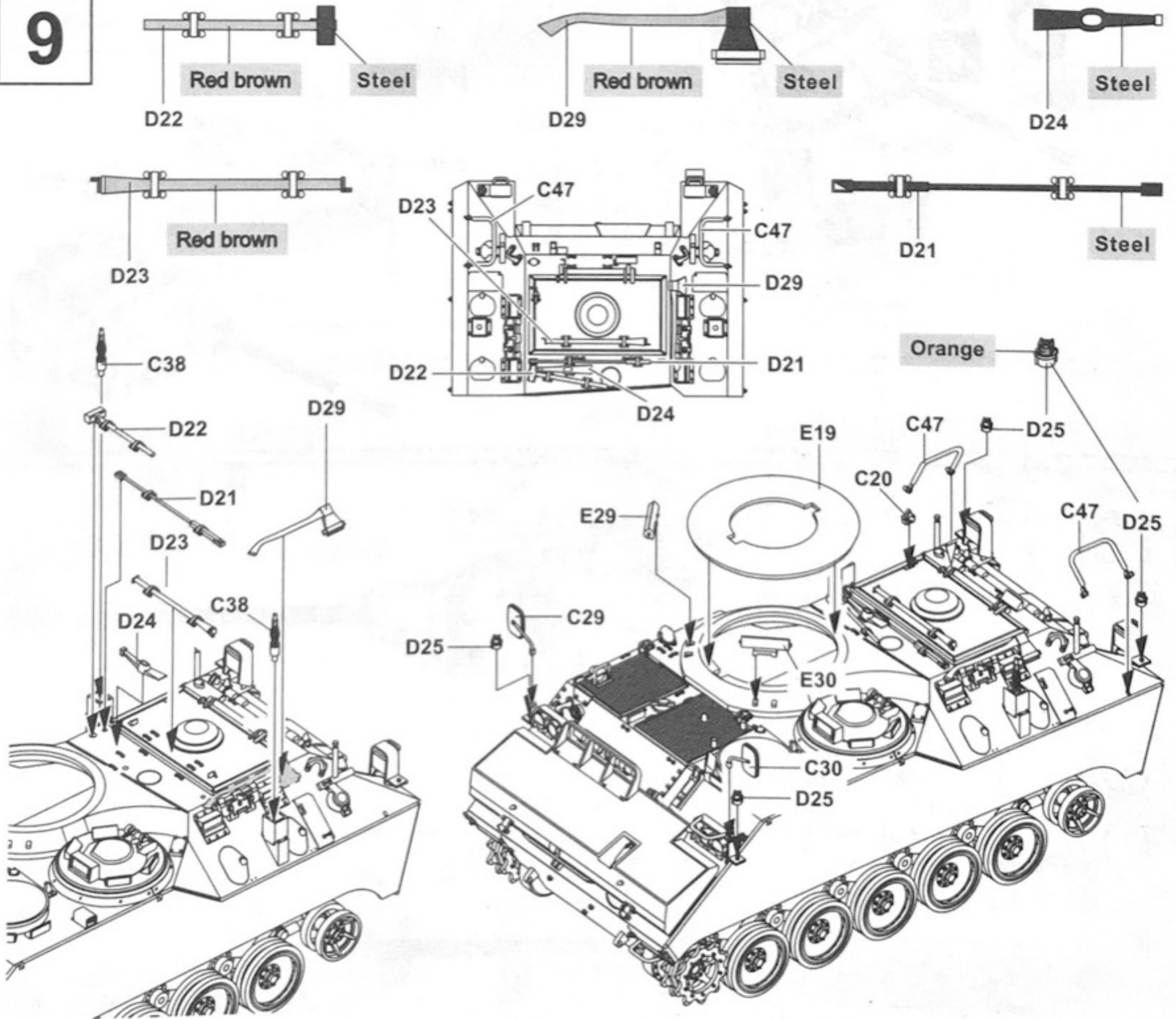




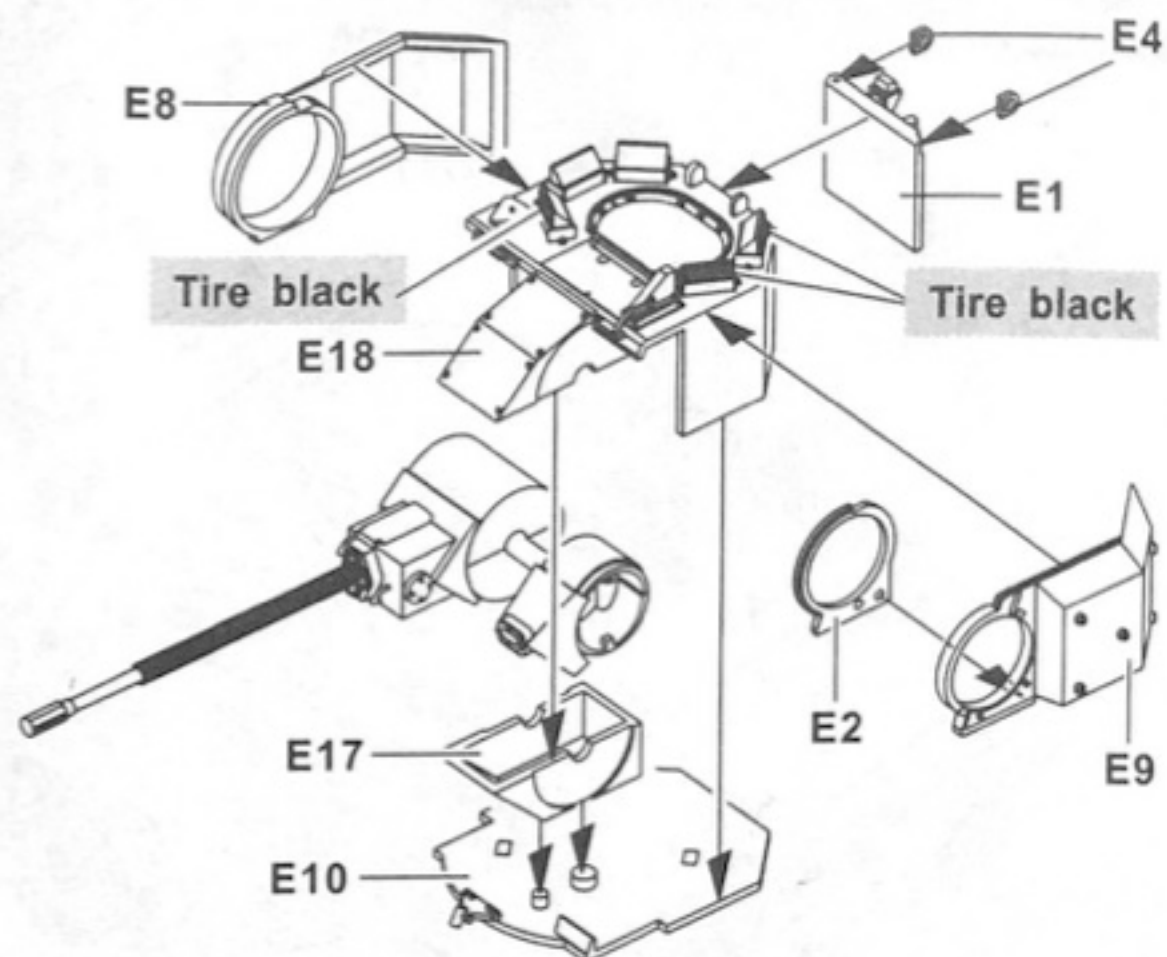
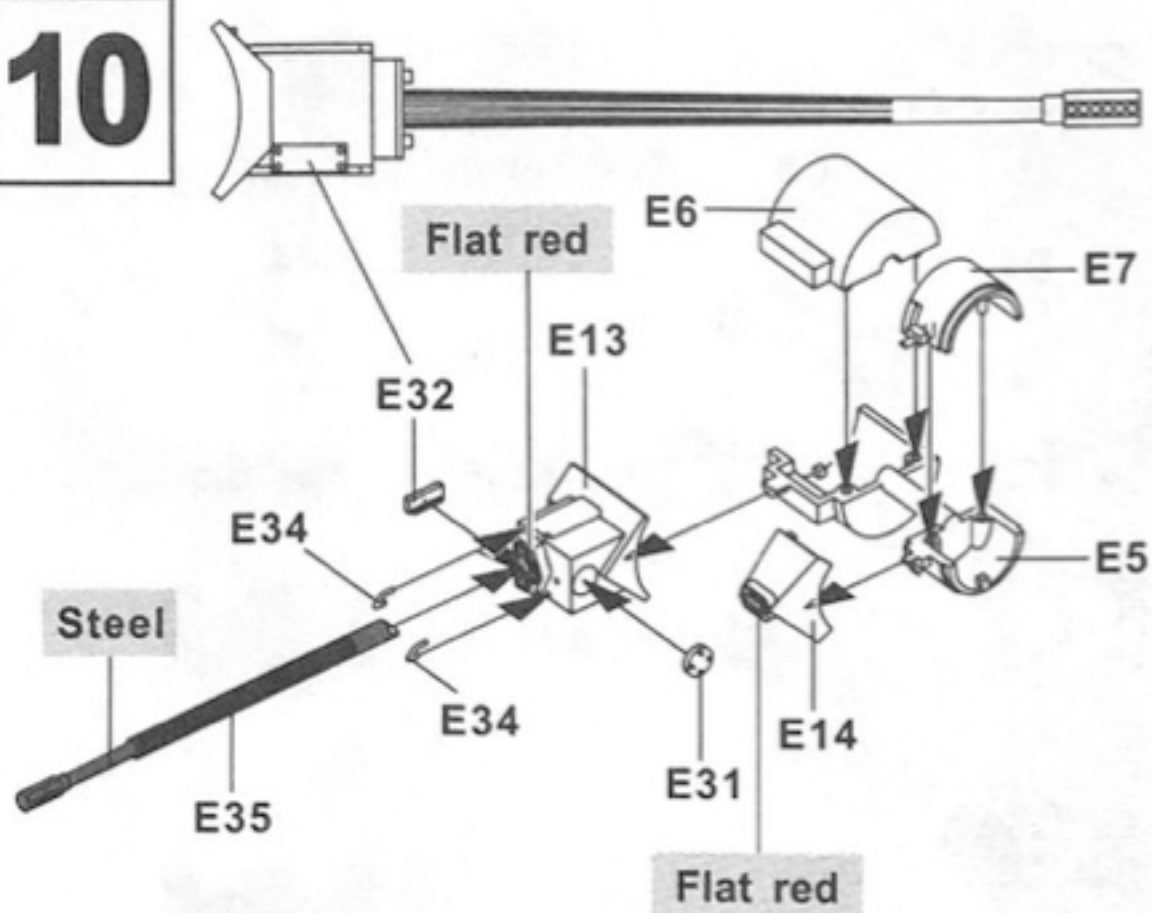
8



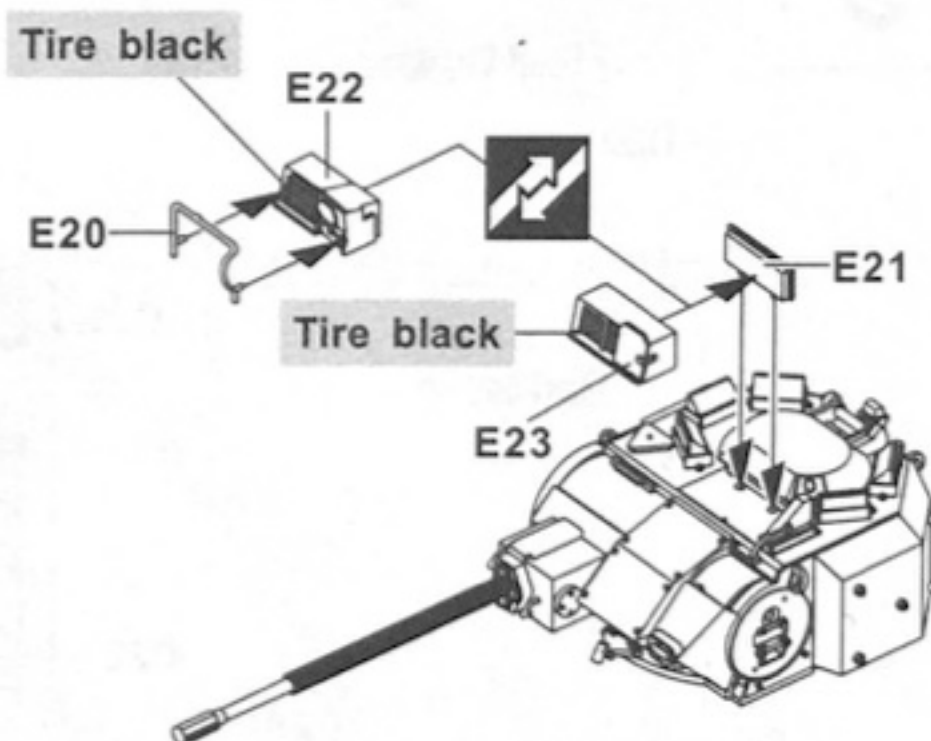
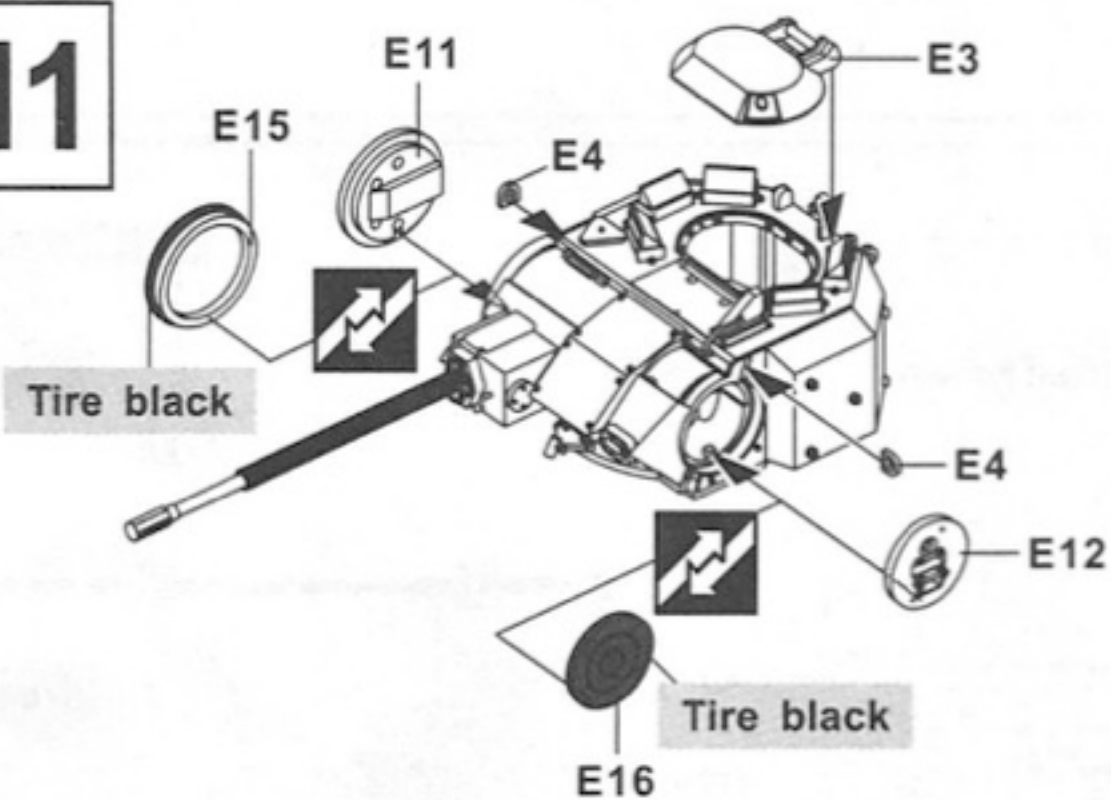
9



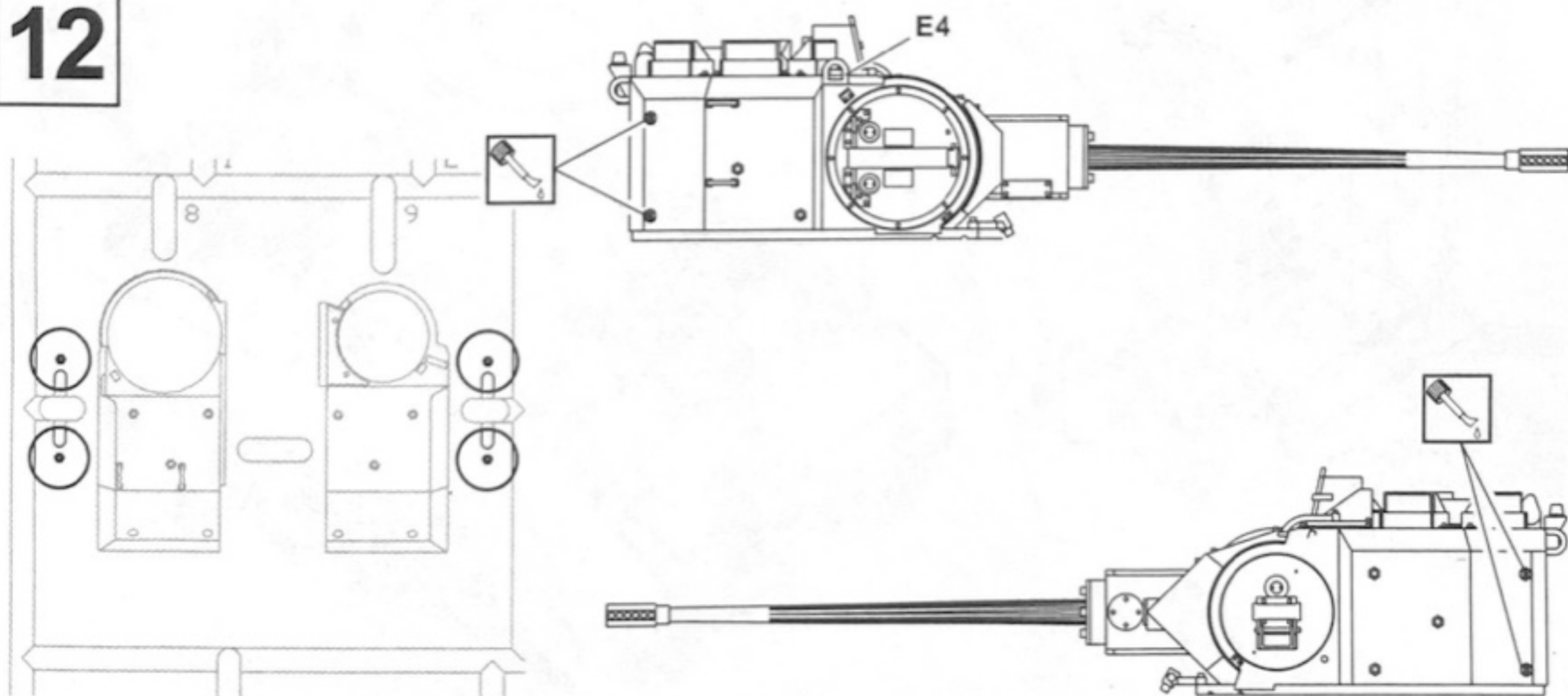
10



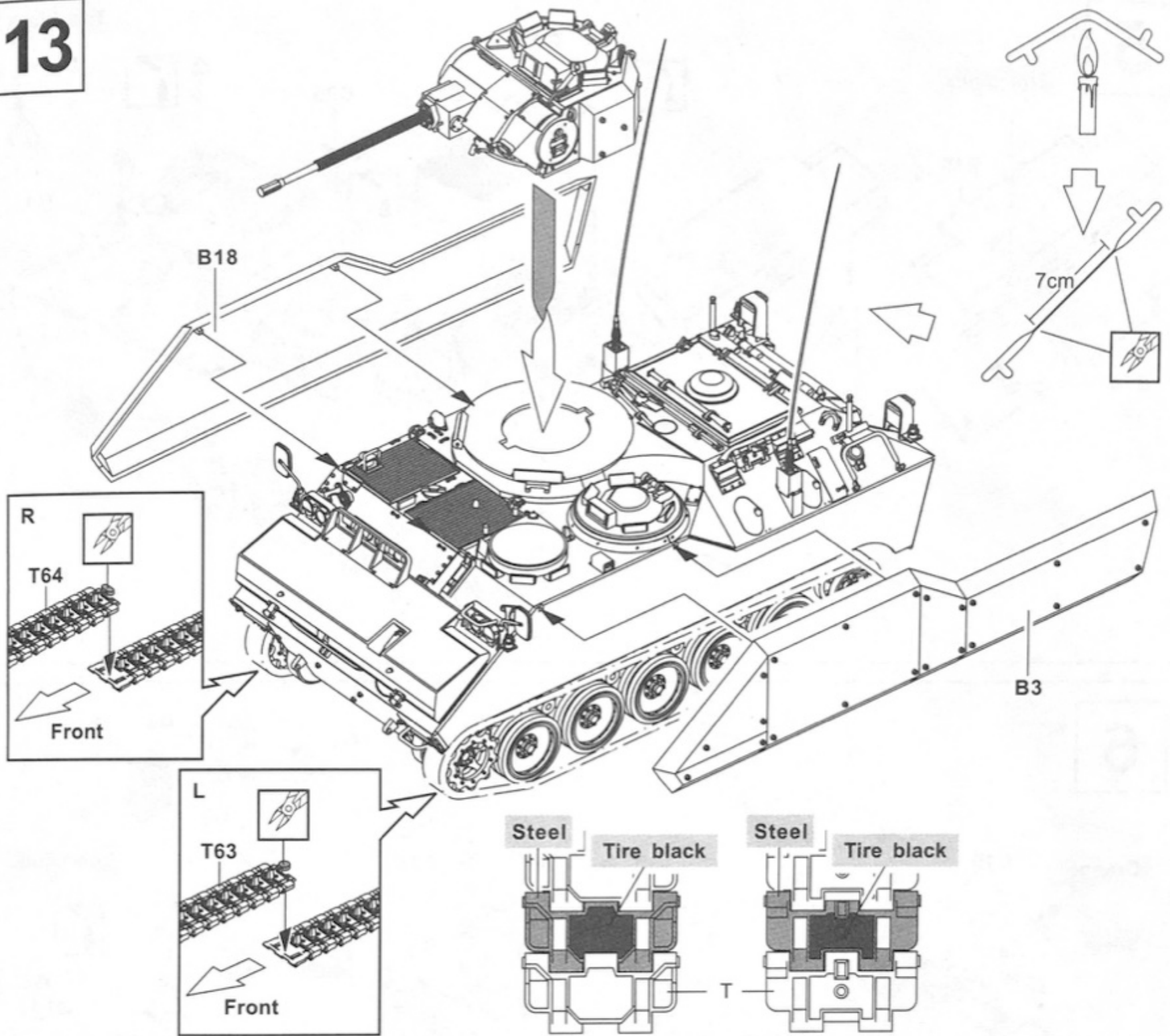
11




12

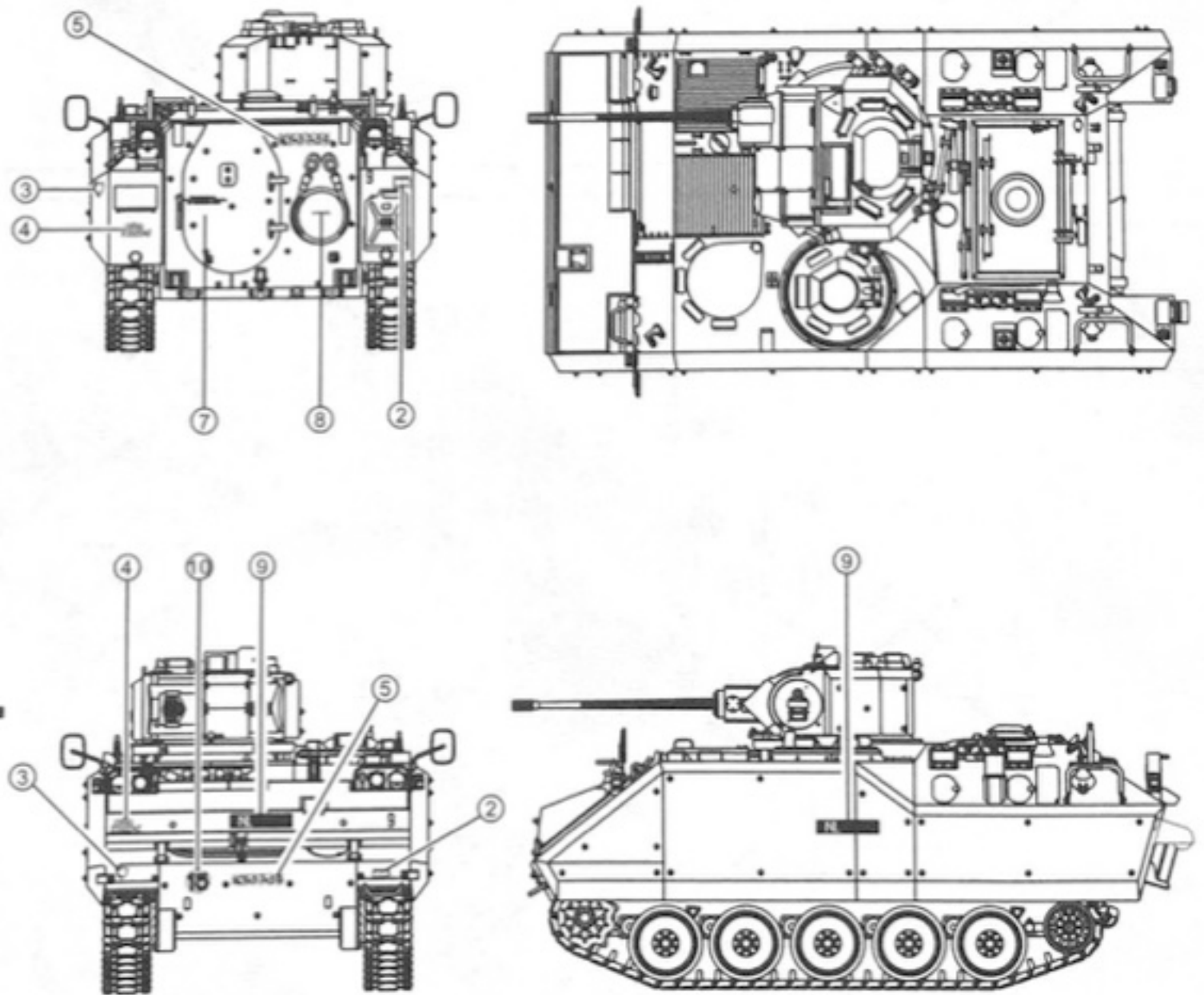


13




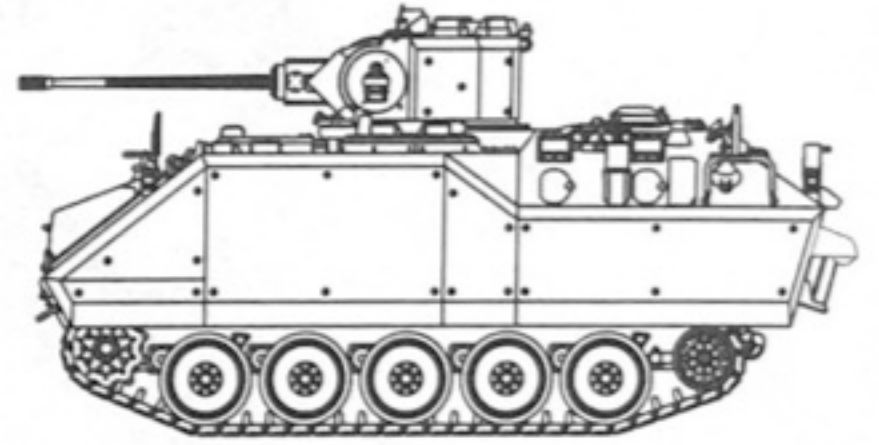
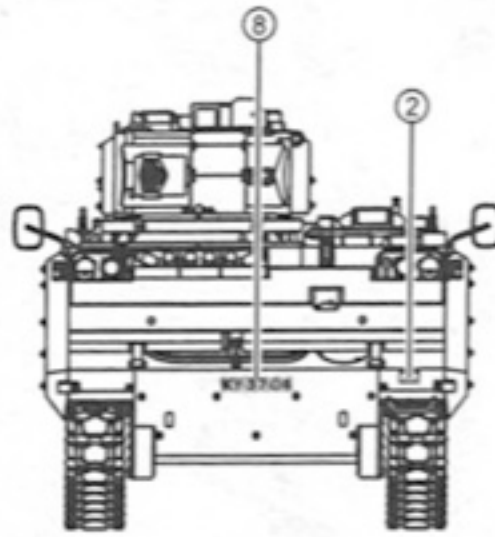
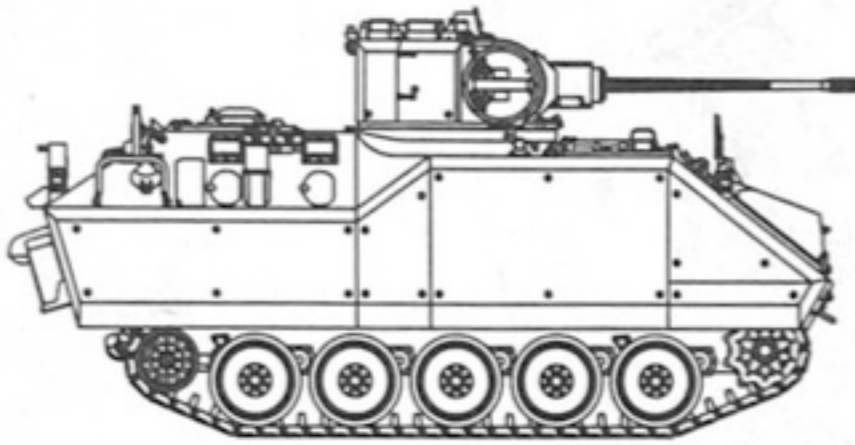
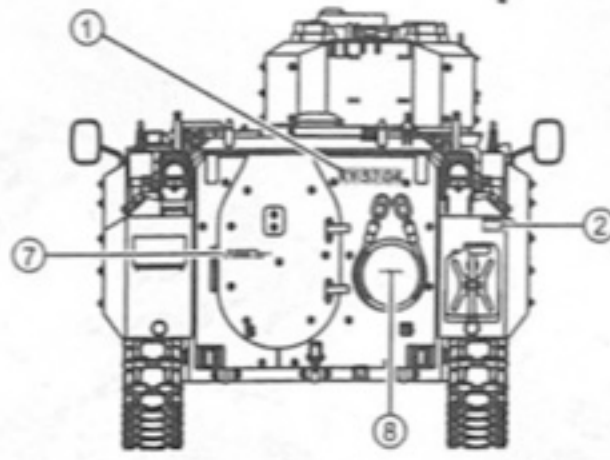
A Dutch army
荷蘭陸軍

 Body Color: Olive drab(2)




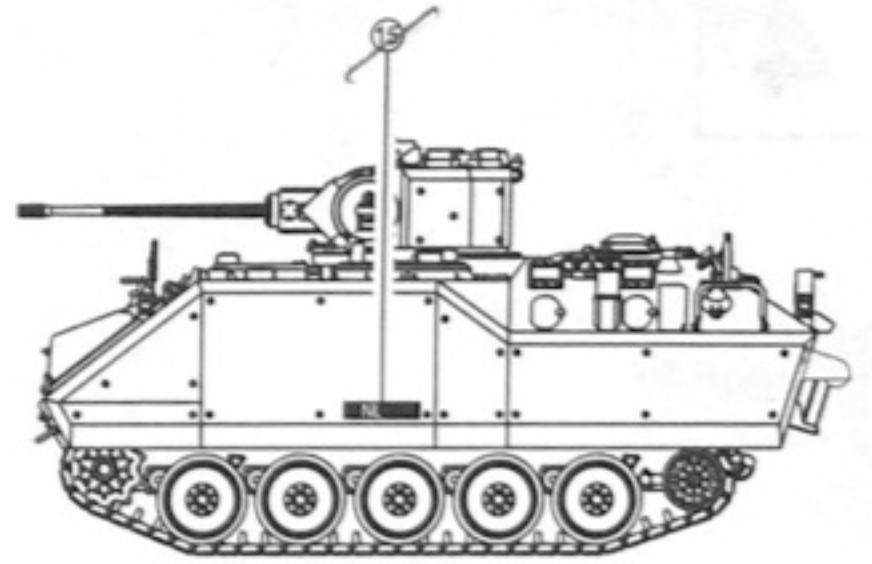
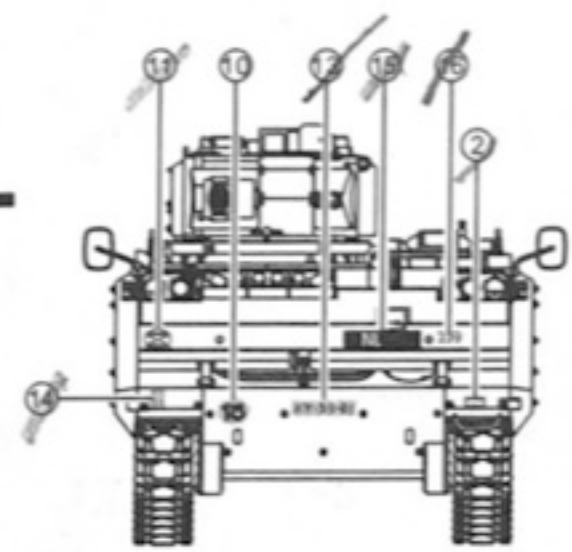
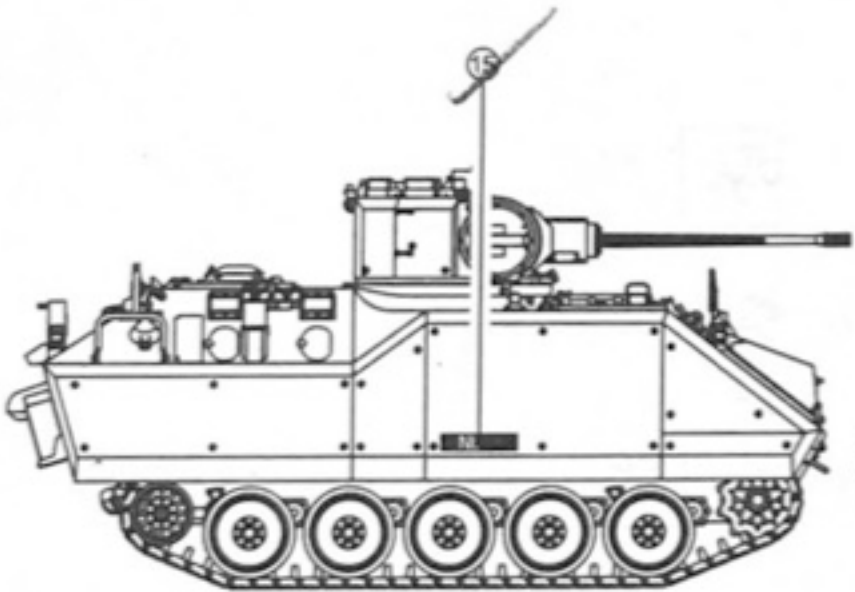
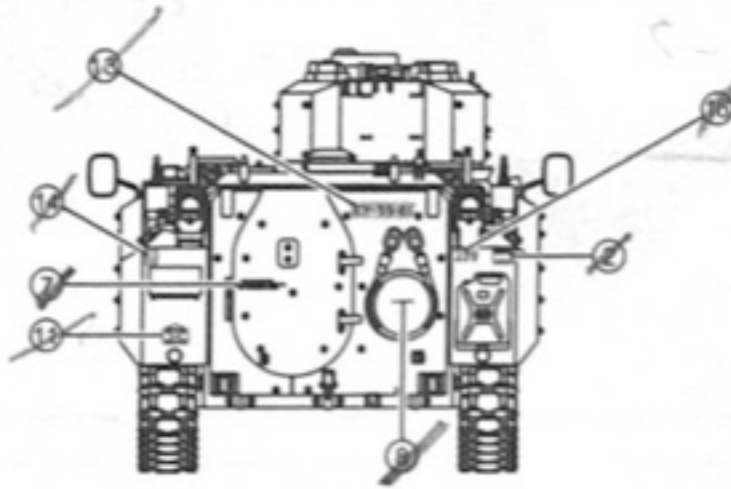
B Dutch army
荷蘭陸軍

 Body Color:Olive drab(2)



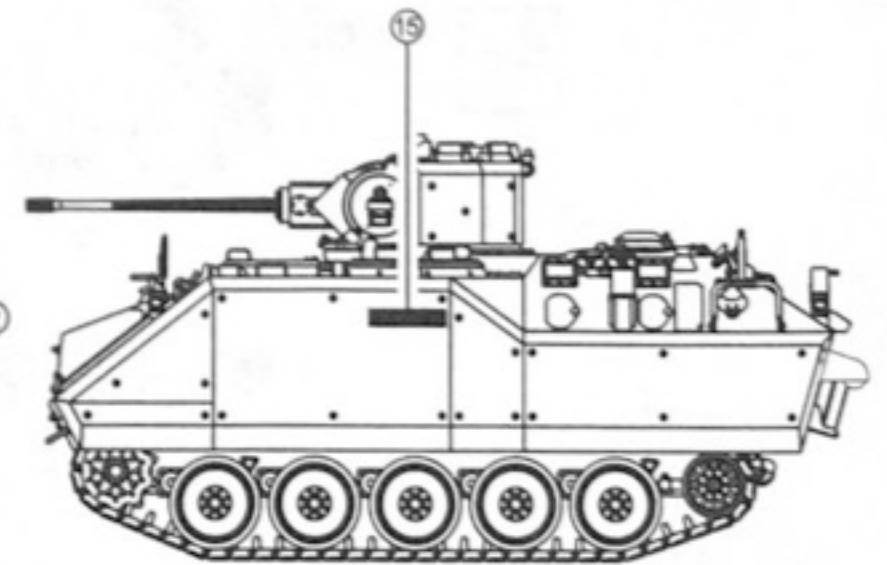
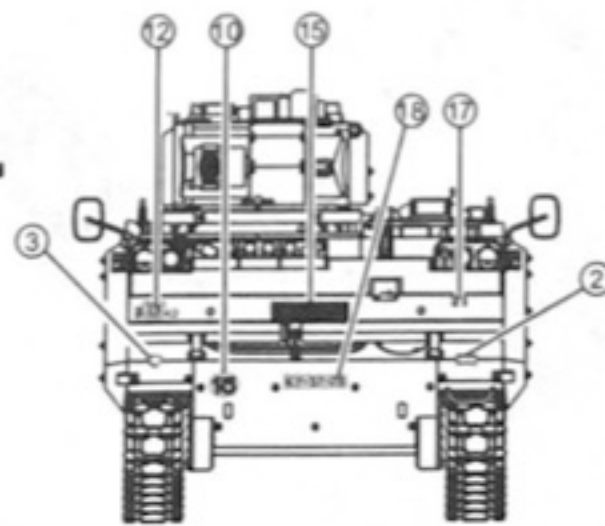
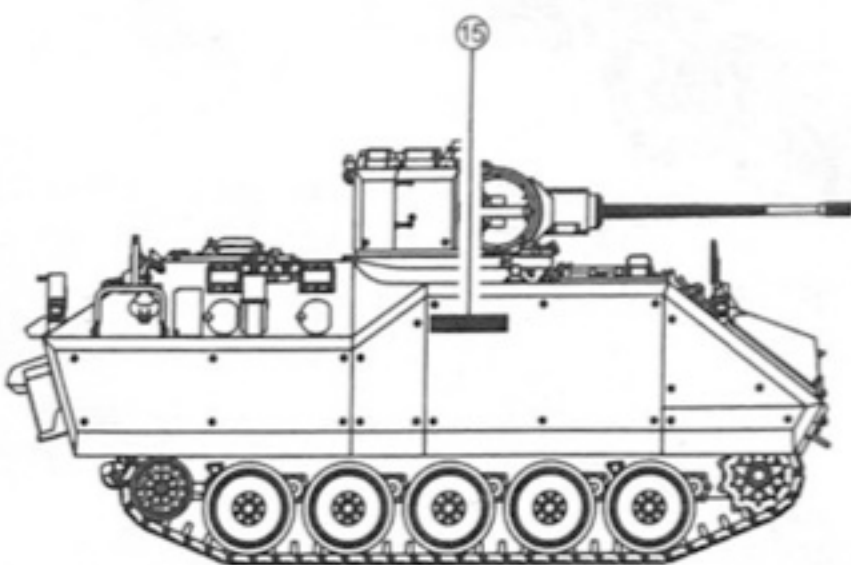
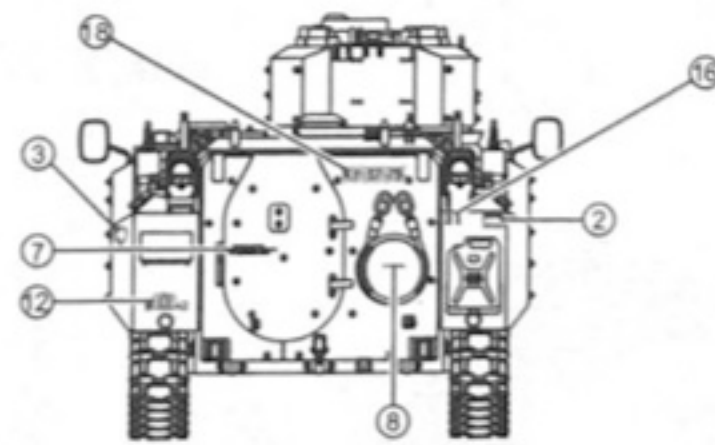
C Dutch army
荷蘭陸軍

 Body Color:Olive drab(2)

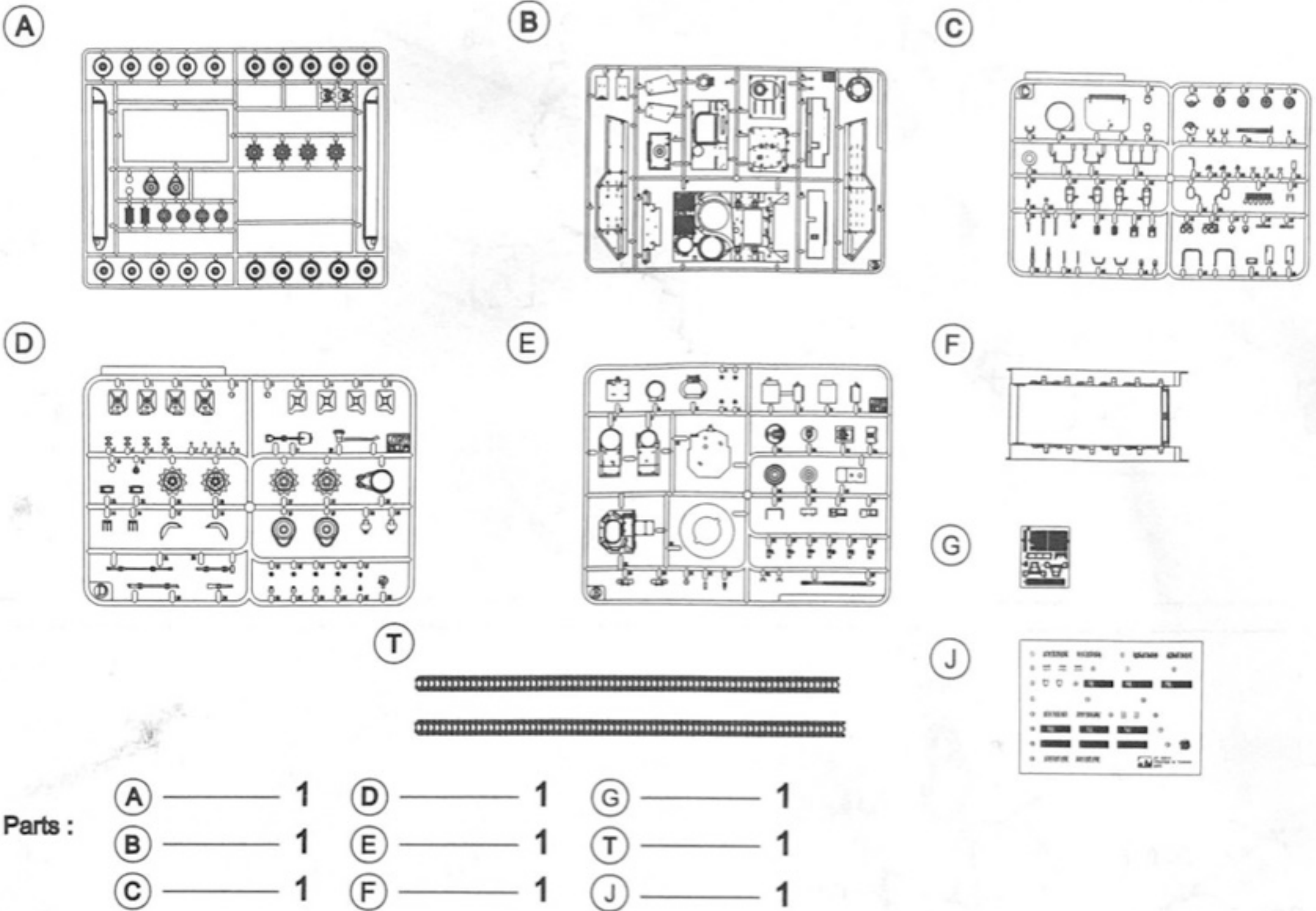


D Dutch army
荷蘭陸軍

 Body Color:Olive drab(2)



PARTS LIST 零件表




Parts :

(A) _____ 1	(D) _____ 1	(G) _____ 1
(B) _____ 1	(E) _____ 1	(T) _____ 1
(C) _____ 1	(F) _____ 1	(J) _____ 1

! Instructions:


If for some reason, you are not fully satisfied or have questions concerning our product; Please use the form provide, and send it to our nearest representative or mail it directly to our office.

We will deal with that A.S.A.P.

 AF 35S14 Parts Replacement Form	
<input type="checkbox"/> A parts <input type="checkbox"/> B parts <input type="checkbox"/> C parts <input type="checkbox"/> D parts <input type="checkbox"/> E parts <input type="checkbox"/> G parts <input type="checkbox"/> J parts	<input type="checkbox"/> F parts <input type="checkbox"/> T parts
Reason for replacement:	<input type="checkbox"/> Missing <input type="checkbox"/> broken
Signature: _____	

限台灣地區使用 For Taiwanese use only!

總代理：戰鷹企業 客服部收 本公司將盡速為您處理
請將本表與該部品相同金額之郵政匯票一同寄至

 AF 35S14 零件補充申請表	申請人 姓名 地址 電話 : : :
<input type="checkbox"/> A部品零件 ——— NT\$120 <input type="checkbox"/> B部品零件 ——— NT\$200 <input type="checkbox"/> C部品零件 ——— NT\$120 <input type="checkbox"/> D部品零件 ——— NT\$150 <input type="checkbox"/> E部品零件 ——— NT\$150 <input type="checkbox"/> G部品零件 ——— NT\$200 <input type="checkbox"/> J部品零件 ——— NT\$160 <input type="checkbox"/> F部品零件 ——— NT\$120 <input type="checkbox"/> T部品零件 ——— NT\$160	
請填 總計 NT\$ _____	
零件補充原因：(請於 打) 原包裝 <input type="checkbox"/> 遺失或 <input type="checkbox"/> 毀損 製作途中 <input type="checkbox"/> 遺失或 <input type="checkbox"/> 毀損 <input type="checkbox"/> 補充多餘零件 其他原因 _____	