

SCALE
1/35

BRITISH M3 STUART
"HONEY"



13270

ACADEMY
HOBBY MODEL KITS

The British named the M3 "General Stuart" upon receipt of the tank under the Lend-Lease program in June of 1941. The tank's ability to "shoot and scoot" as well as keeping the crew safe from small arms fire, earned an affectionate nickname of "Honey" by its operators. The British cavalry men liked this tank since it can travel 10 to 20 mph faster than their own or enemy tanks, and for its ease of maintenance. The M3s were designed to replace the outdated M2s. The M3 incorporated a thicker armor, lengthened hull, and a trailer idler wheel to act as another road wheel to decrease ground pressure and improve weight distribution. The M3 turret had three pistol ports and shortened recoil mechanism. It was also equipped with a 37mm M6 gun, which was adequate early in the war, but by 1942, the German counterparts far surpassed the range of the M3. The narrow width of the M3 could not accommodate a larger gun. The M3A1 was fitted with a Westinghouse gyro stabilizer, a turret basket and an Oil Gear hydraulic traverse mechanism, but lacked a turret cupola. The earlier version of the M3A1, the Stuart III, was powered by Continental W-970-9A 7-cylinder radial gas 250 hp engine but by mid 1941, the Stuart IVs came off the production lines with Guiberson T-1020 air cooled radial diesel engine.

Im Jahre 1940 erkannte die U.S. Army die Notwendigkeit, den M2 zu ersetzen. Das neu entwickelte Modell hatte eine dickere Panzerung auf verlängertem Rumpf und ein aufliegendes Leitrad, um den Bodendruck zu verringern. Der Turm des M3A1 besaß drei seitliche Luken, ein hydraulisches Schwenkwerk mit Turmkorb, aber keine zusätzliche Kuppel. Der M3A1 war mit einer stabilisierten 37mm M6 Kanone bestückt, das Westinghouse System ermöglichte Fahren und Feuern gleichzeitig. Die 4410 Stück mit dem Continental W-970-9A Sternmotor (Benzin) wurden von den Briten als Stuart III bezeichnet. 211 Einheiten des M3A1 mit dem Guiberson T-1020-4 luftgekühlten Sternmotor (Diesel) nannte man Stuart IV. Beide Typen wogen 15 Tonnen und hatten vier Mann Besatzung. Der einzige Nachteil war das kleine Kaliber der 37mm Kanone, welches ab 1942 auf dem Gefechtsfeld unterlegen war. Das beugte Chassis des M3 erlaubte keinen Einbau eines größeren Kalibers. Zwischen Mai 1942 und Februar 1943 wurde der M3A1 von der American Car Foundry hergestellt. Die britischen Truppen erhielten den M3 im Rahmen des Leih- und Pachtvertrages im Juni 1941. Sie nannten das Fahrzeug "Stuart", nach dem berühmten konföderierten Kavalleriegeneral aus dem amerikanischen Sezessionskrieg. Wegen seiner Fähigkeit zum gleichzeitigen Fahren und Feuern sowie dem Schutz vor kleinkalibrigem Beschuss war der "Stuart" bei den Truppen sehr geschätzt und bekam den Kosenamen "Honey" (Liebling). Auch war er 10 bis 20 mph schneller als die vergleichbaren Typen aus englischer Produktion und sehr wartungsfreundlich.

英軍は、1941年の武器貸与計画の下に同戦車を受領した時、M3型戦車を「スチュアート」と名付けた。同戦車の「発射し、突進する」ことができる能力および小火器火力から乗員を安全に保てる能力とは、その乗員による愛情を込めた「ハニー」のニックネームをかちとった。英国陸軍の戦車兵は、同戦車がこれまでの英戦車もしくは敵軍の戦車より毎時10から20マイル早く走ることができ、また同戦車の整備が容易であることから、同戦車を好んだ。M3型戦車は、古いM2型戦車の代替目的で設計された。M3型戦車は、より厚い装甲、車体の延長、対地圧力を減らしかつ重量分布を改善することができるもう一つのロード・ホイールとして機能するトレーラー・アイドラー・ホイールなどを装備していた。M3型戦車のターレットは、3つのピストル用発射孔を持ち、砲身の後退メカニズムは短くなった。また、同戦車は口径37ミリのM6型キャノン1基を装備し、これは戦争初期には十分であったが、1942年までに敵ドイツ軍は、M3型戦車の射程をはるかに凌駕した。M3型戦車の狭いターレットでは、より口径が大きい砲を搭載できなかった。M3A1型戦車は、ウェスティングハウス社製のジャイロスタビライザー、ターレット・バスケット、油圧旋回メカニズムを装備していたが、ターレット・キューボラを欠いていた。M3A1型の初期型のスチュアートIII戦車は、250馬力のコンチネンタル社製のW-970-9A7型星型エンジンが動力源であったが、1941年半ばには、スチュアートIV戦車が、T-1020型空冷ディーゼル星型エンジンを装備し、製造ラインを離れ登場してきた。

M3 스튜어트 경전차는 2차대전 초기에 사용되던 다른 경전차에 비해 긴 항속거리와 빠른 기동성, 편리한 조종성 등으로 인해 당시로서는 최고의 경전차 중 하나로 평가받았다. 1940년대에 들어서면서 미국 육군은 그동안 사용하던 구식전차인 M2를 대체하기 위한 후계차량으로 M3의 개발을 진행하였다. M3은 M2에 비해 강화된 장갑판과 더불어, 전차의 중량을 분산하여 지반압력을 줄여줄 수 있는 독특한 모양의 아이들러 휠, 그리고 무장이 강화된 포탑 등의 특징을 지니고 있었다. 4명의 승무원이 탑승하는 M3은 250마력의 콘티넨탈 W-970-9A엔진을 동력원으로 탑재하고 있었으며, 주무장으로는 회전포탑식의 37mm포를 장비하였다. 아울러 차체와 포탑엔 각각 1정씩의 Cal.30기관총을 부무장으로 장착하였고, 대공 사격용으로 1정의 Cal.30을 큐플라에 추가로 장비하였다. M3 "하니"는 영국군 사용차량에 붙여진 애칭으로, 1941년 6월, 전시무기대여법에 의해 영국군에 인도되었으며, 북아프리카전선과 남태평양전선 등지에서 사용되었다. 하지만 시간이 지남에 따라 점차 강력해지는 독일군 전차의 화력과 무장 앞에서, M3이 지닌 37mm주포의 짧은 사정거리와 낮은 파괴력, 그리고 차체의 빈약한 장갑은 많은 문제점을 드러내게 되었다. M3은 비록 경전차라는 한계로 인해 여러 가지 문제점이 있었지만 상대적으로 강력한 전차가 등장하지 않았던 2차대전초기의 북아프리카와 남태평양 전선등지에서 많은 활약을 펼쳤다.



점착한다.
Cement parts
Coller
Kleben



점착하지 않는다.
Do not cement
Ne pas coller
Nicht kleben



3 수만큼 조립한다.
Repeat operation
Répéter l'opération
Vorgang wiederholen



전사지를 붙인다.
Decals
Décalcomanies
Abziehbild



무게추를 넣는다.
Add weight
Lester
Gewicht



구멍이나 홈을 매워준다.
Use filler
Mastiquer
Schließen



깎아낸다.
Cut away
Couper
Schneiden



선택한다.
Optional parts
Choix
Auswahlmöglichkeit



반대측도 조립한다.
Repeat for opposite side
Répétition de la page
Wiederholung für gegenüberliegende Seite



구멍을 뚫어준다.
Make hole
Faire un trou
Öffnen



주의한다.
Be careful
Faire attention
Hier Vorsicht



색칠 및 전사지 붙이기 번호
Painting scheme number
Numeros de la liste de peintures
Lackierschemanummer

<READ THIS BEFORE YOU BEGIN>

- Study the instructions before assembling. - Check the fit of each piece before cementing into place.
- Do not use too much cement to join parts. - Never use cement or paint near open flame.
- Open a window or make area well ventilated when cement or paint is in use.
- Tear up and throw away the empty plastic bags to avoid danger of suffocation for little children.

<ALLGEMEINE HINWEISE>

- Die Anordnung der Bauteile ist aus den Zeichnungen der Anleitung ersichtlich.
- Die Teile vor dem Verkleben ungeleimt zusammenhalten, um ihren paßsitz zu prüfen.
- Klebstoff nicht zu dick auftragen. - Klebstoff und Farben niemals in der Nähe einer Flamme verwenden.
- Während der Bemalung mit Spritzpistole oder Pinsel für frische Luftzufuhr, z.B. öffnen des Fensters, sorgen.
- Bausatz von kleinen Kindern fernhalten. Verhüten Sie, daß Kinder irgendwelche Bauteile in den Mund nehmen oder Plastikfolien über den Kopf ziehen.

■ 조립하기 전에

- 부품을 조립하기 전에 설명서를 잘 읽어본 후 조립한다.
- 접착하기 전에 부품을 맞추어 확인한 후 조립한다.

- 부품을 지를 때에는 칼이나 니퍼로 깨끗이 잘라준다.
- 에나멜 페인트나 검착제를 사용할 때는 장문을 열어 환기를 시키고 화기를 멀리한다.

**주의
WARNING!**



<READ THIS BEFORE YOU BEGIN>
<ALLGEMEINE HINWEISE>
<LISEZ CE QUI SUIT AVANT DE COMMENCER LE MONTAGE>
<組み立てる前に>
<조립하기 전에 꼭 읽어주세요>

<LISEZ CE QUI SUIT AVANT DE COMMENCER LE MONTAGE>

- Etudier les schémas d'assemblage. - Contrôler que chaque pièce soit bien conforme avant de la coller à sa place.
- N'utilisez pas trop de colle pour réunir les pièces. - Ne jamais manipuler la colle ou peinture à proximité d'une flamme.
- Aérer soigneusement la pièce où vous peignez/courez la peinture.
- Après avoir sorti les pièces du sac en plastique, déchirer le sac afin d'éviter que les enfants ne le mettent sur la tête et ne s'étouffent.

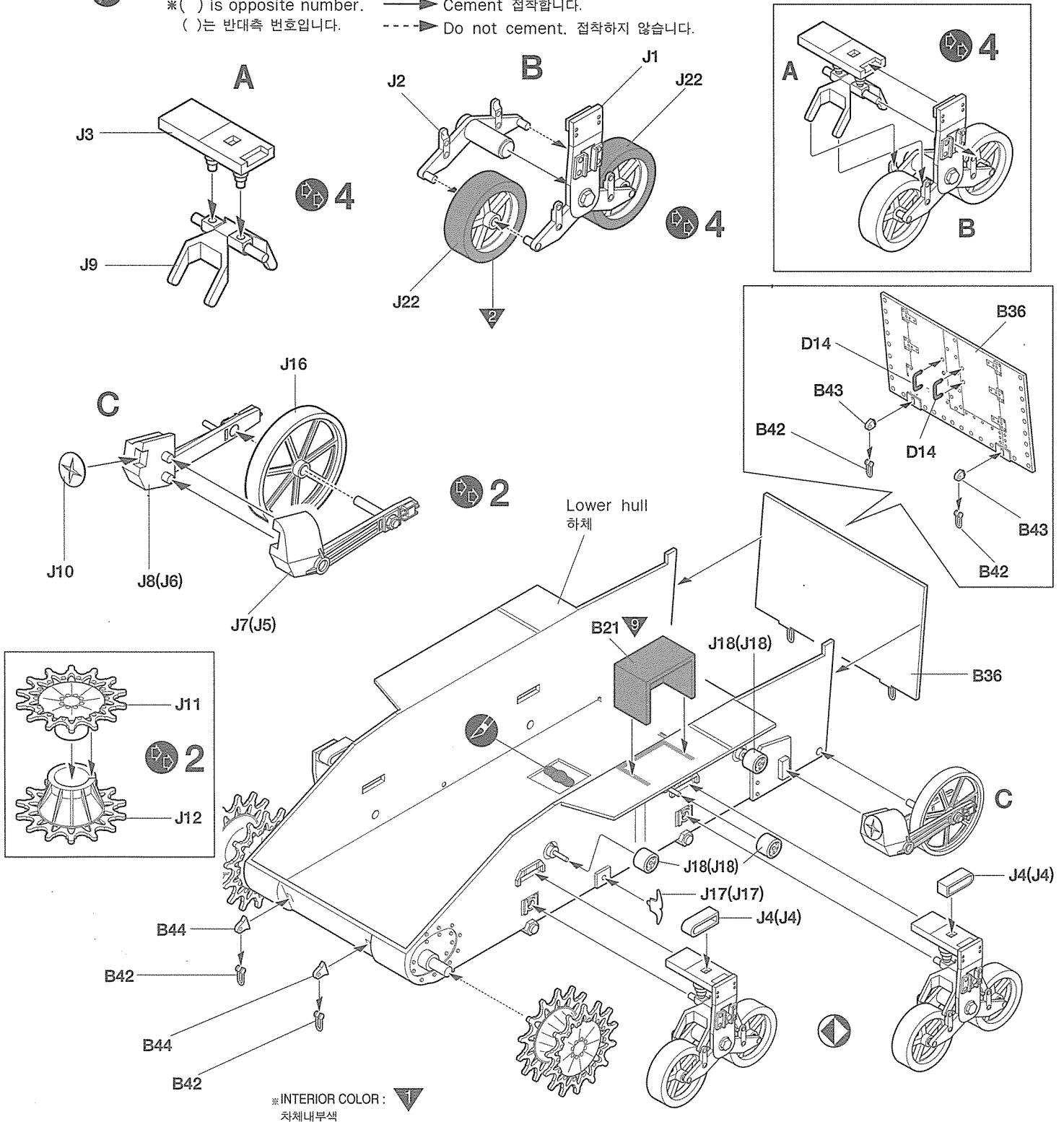
<組み立てる前に>

- 組み立てる前に説明書をお読み下さい。 - 部品をコンナーから切りはなす時は模型用ニッパーとカッターを使用します。
- 接着剤を少なめに使うことがきれいに仕上がるコツです。 - 接着する前に部品を合わせて確かめます。
- 接着剤や塗料を使用する時はときどき窓を開けて換気を取ってください。
- 組み立て後の部品やビニール袋は小さな子供の手の届かない安全な所に保管して下さい。

1

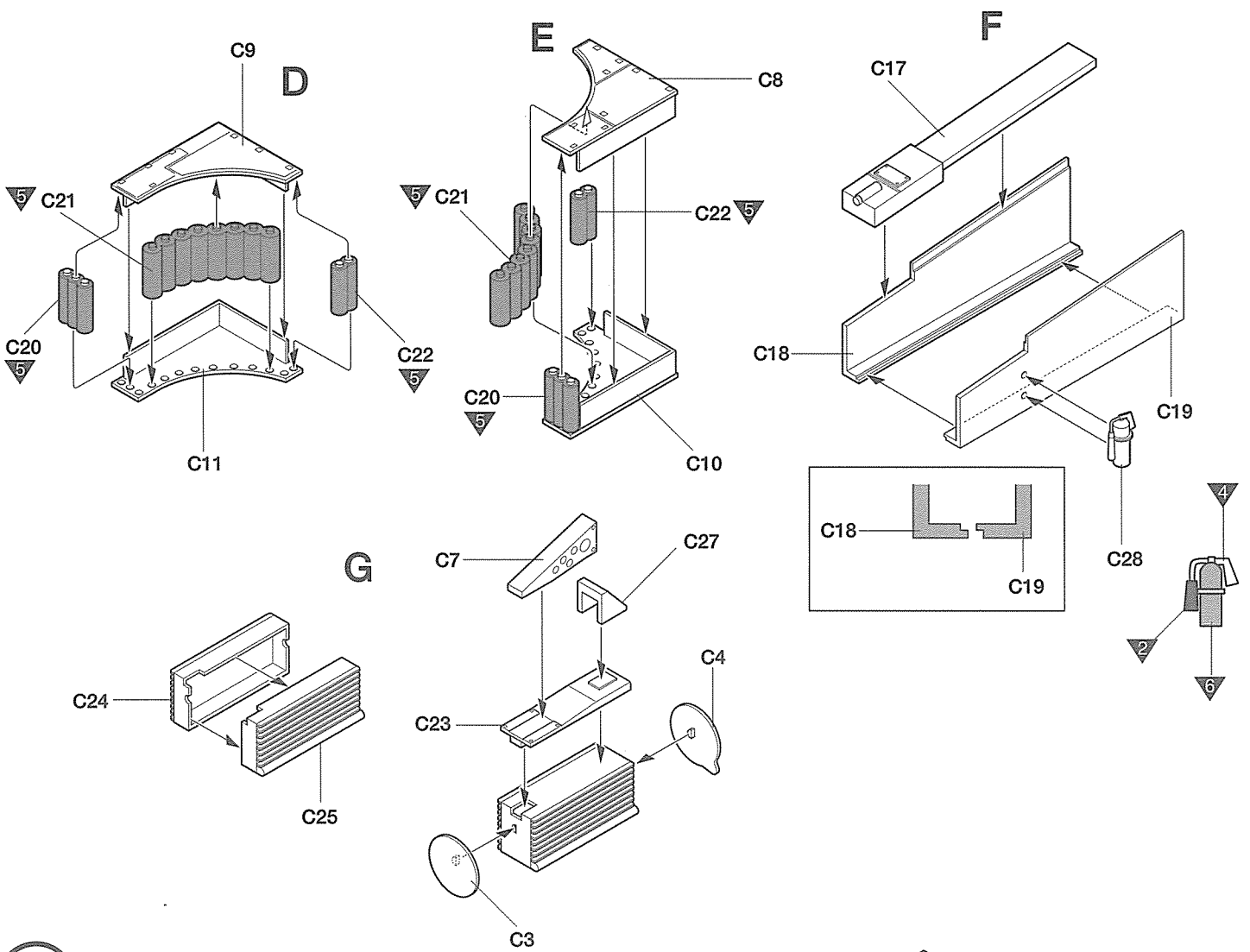
※ () is opposite number.
()는 반대측 번호입니다.

→ Cement 정착합니다.
--- Do not cement, 정착하지 않습니다.

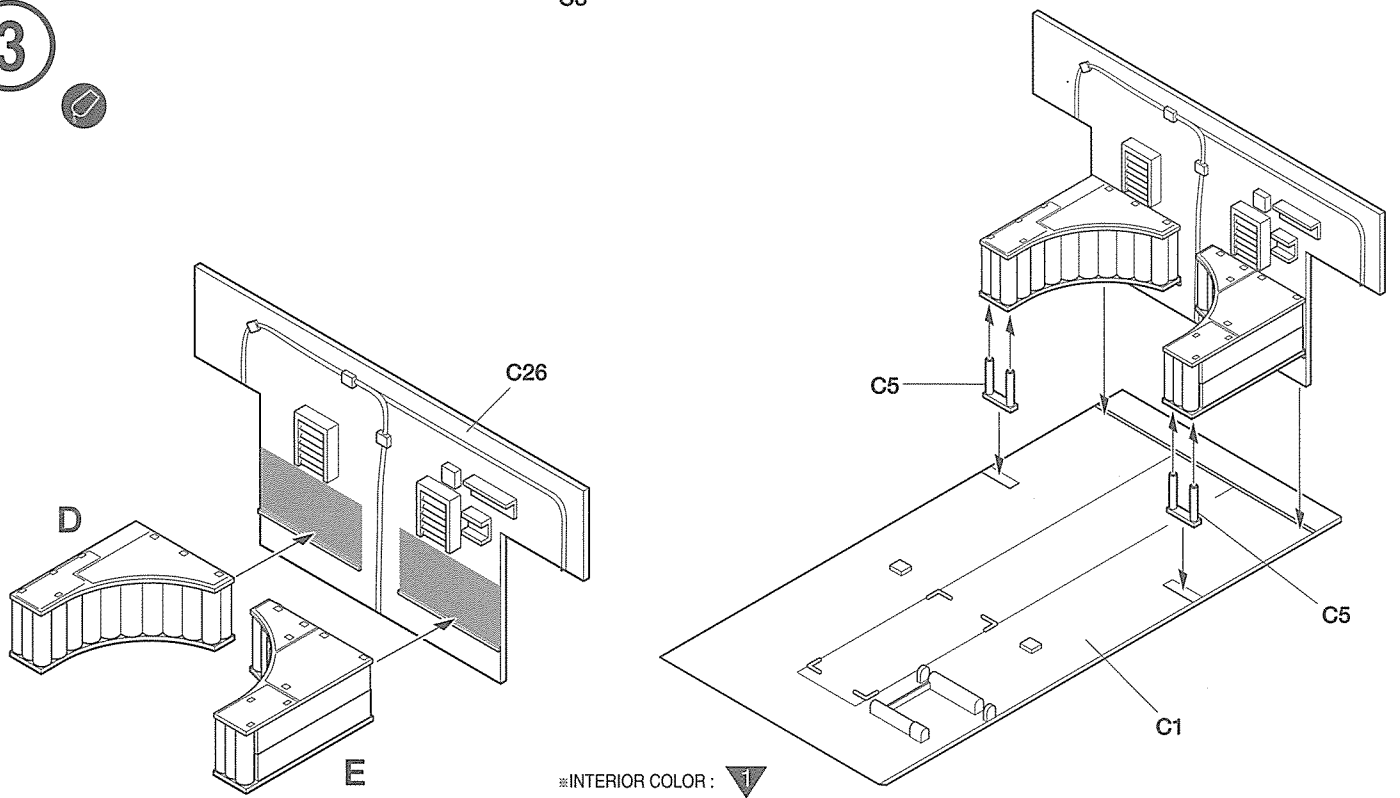


※ INTERIOR COLOR : ▼
차체내부색

2

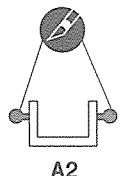
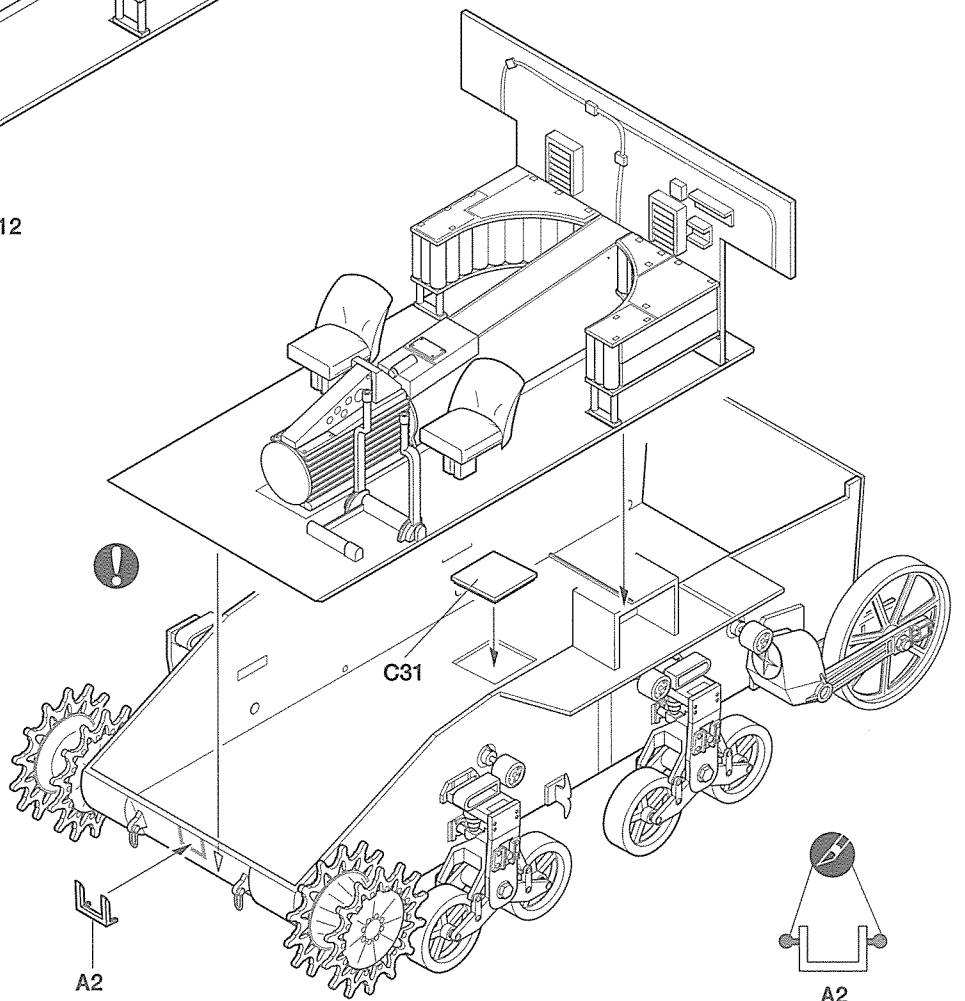
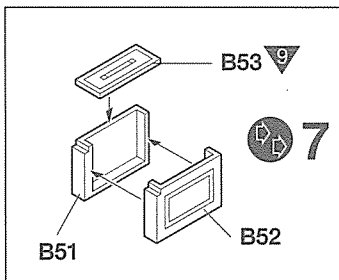
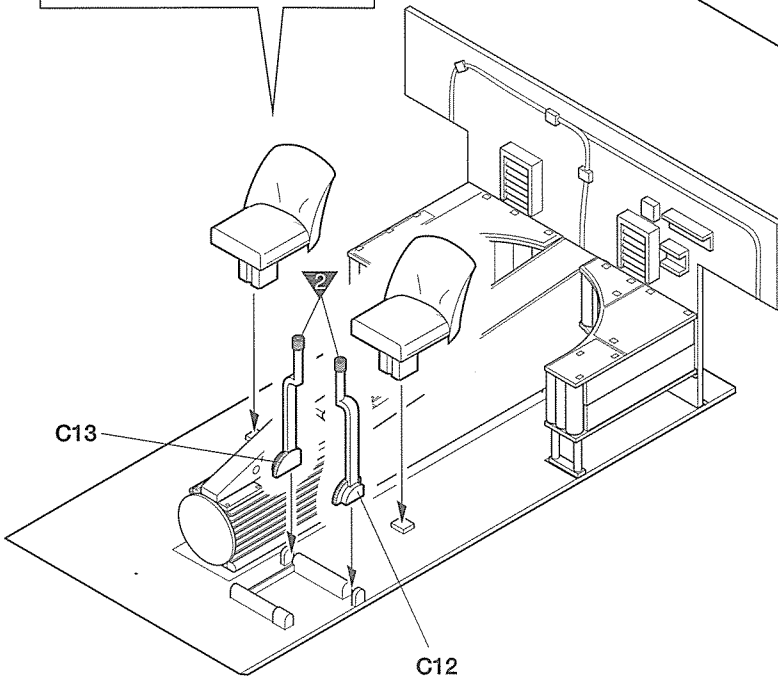
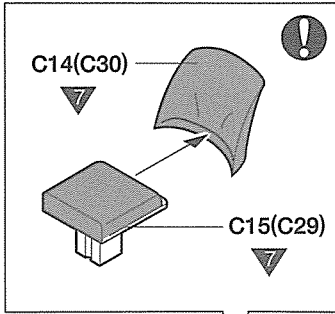
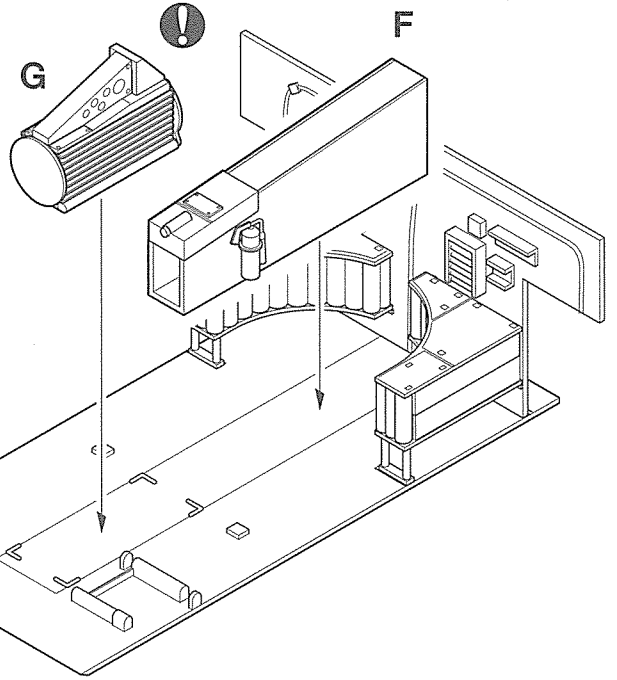


3

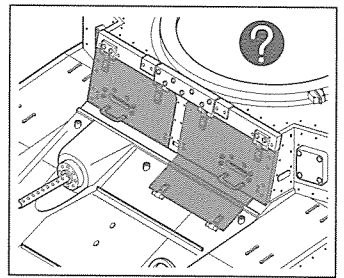
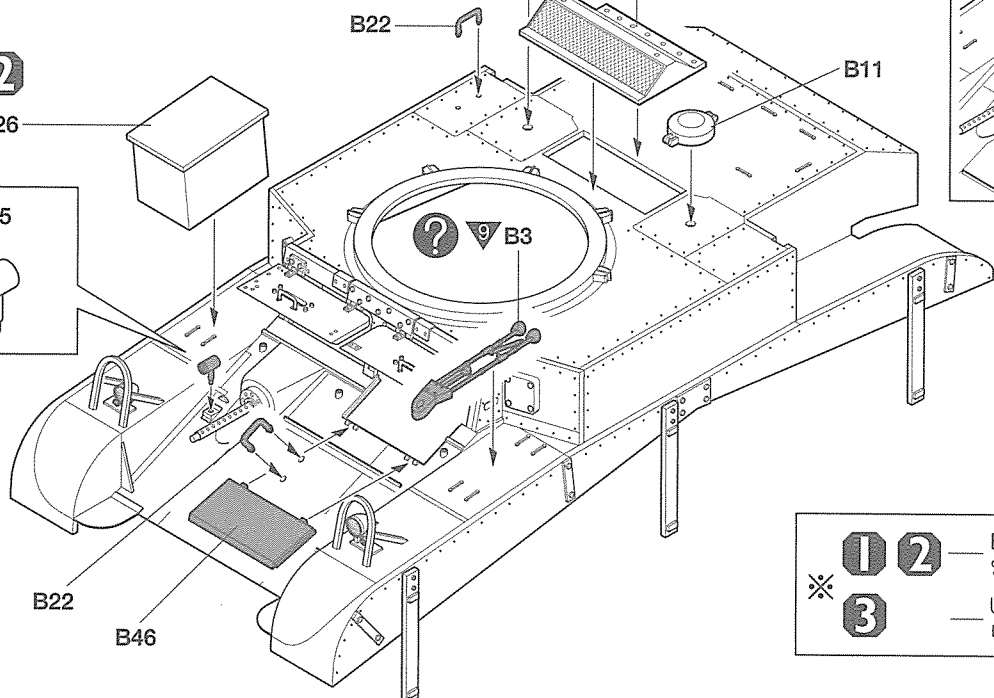
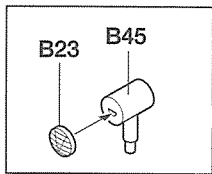
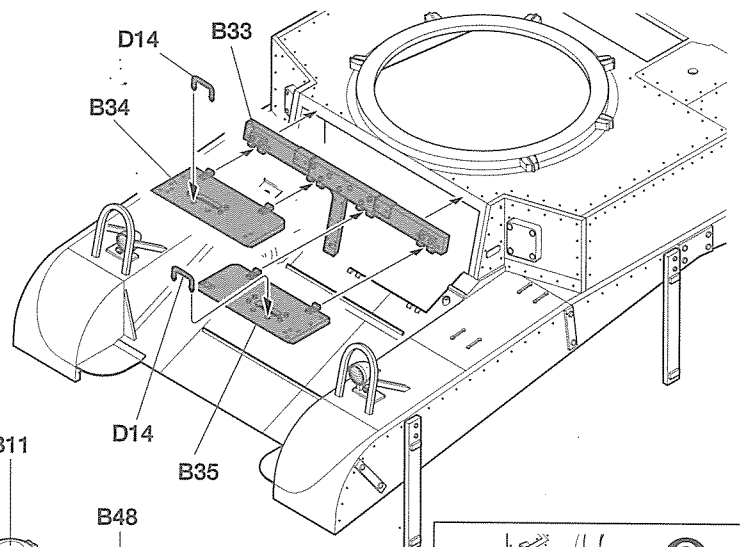
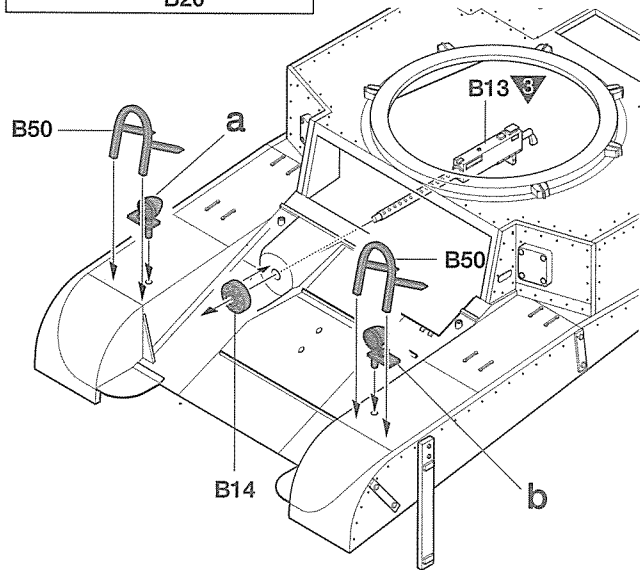
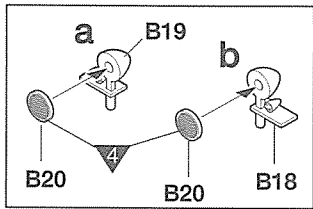
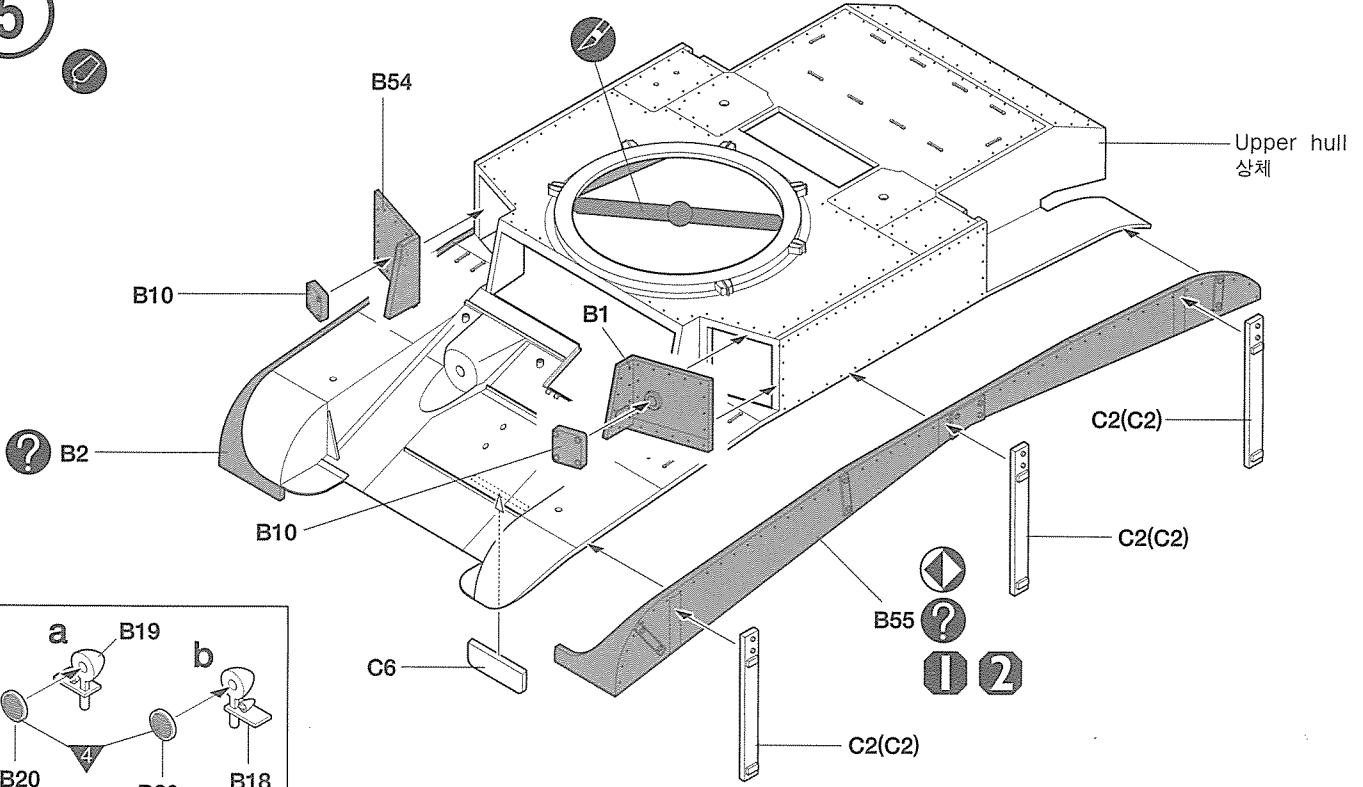


※INTERIOR COLOR : 차체내부색

4



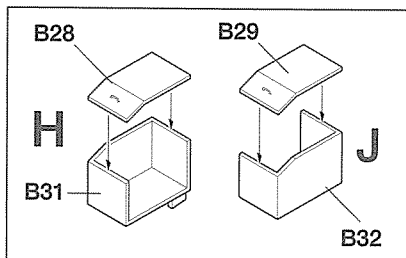
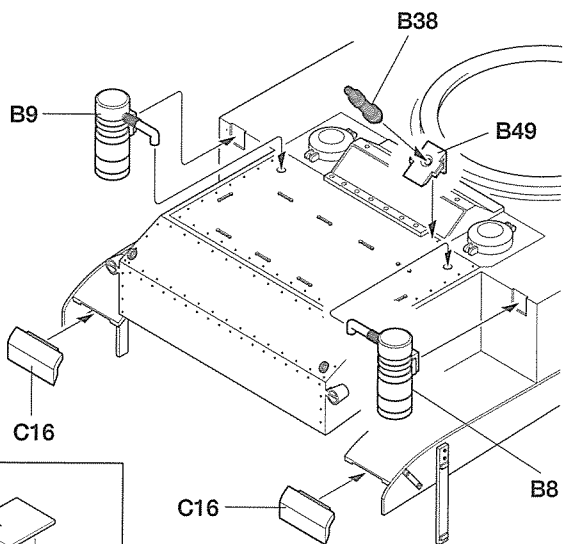
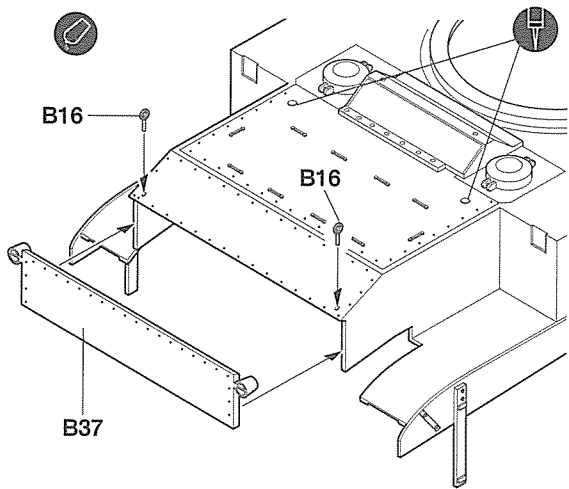
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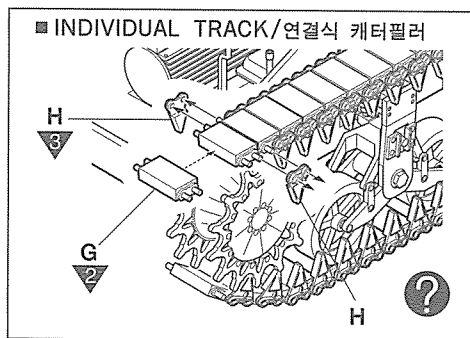
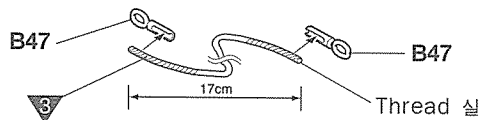
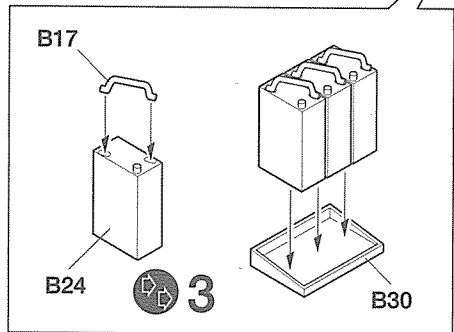
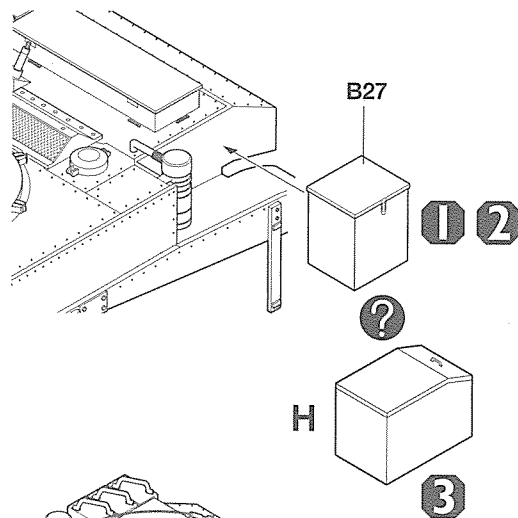
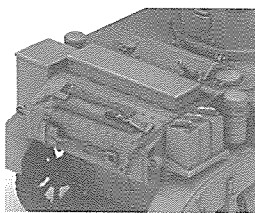
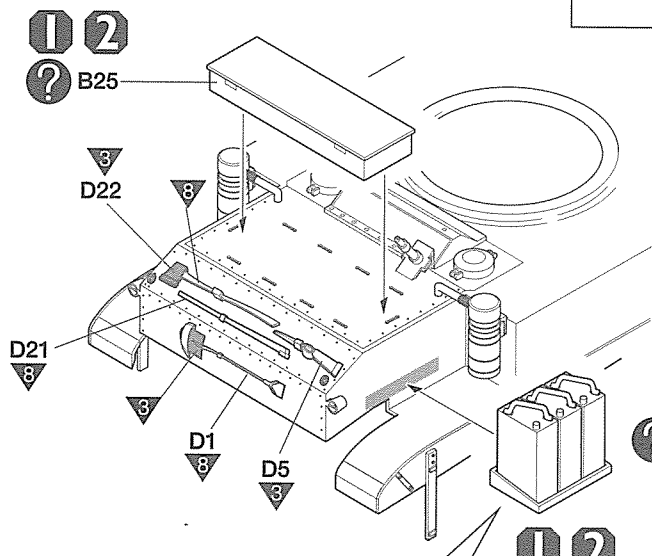
1 2 — British version
영국군형

※ 3 — US version
미군형

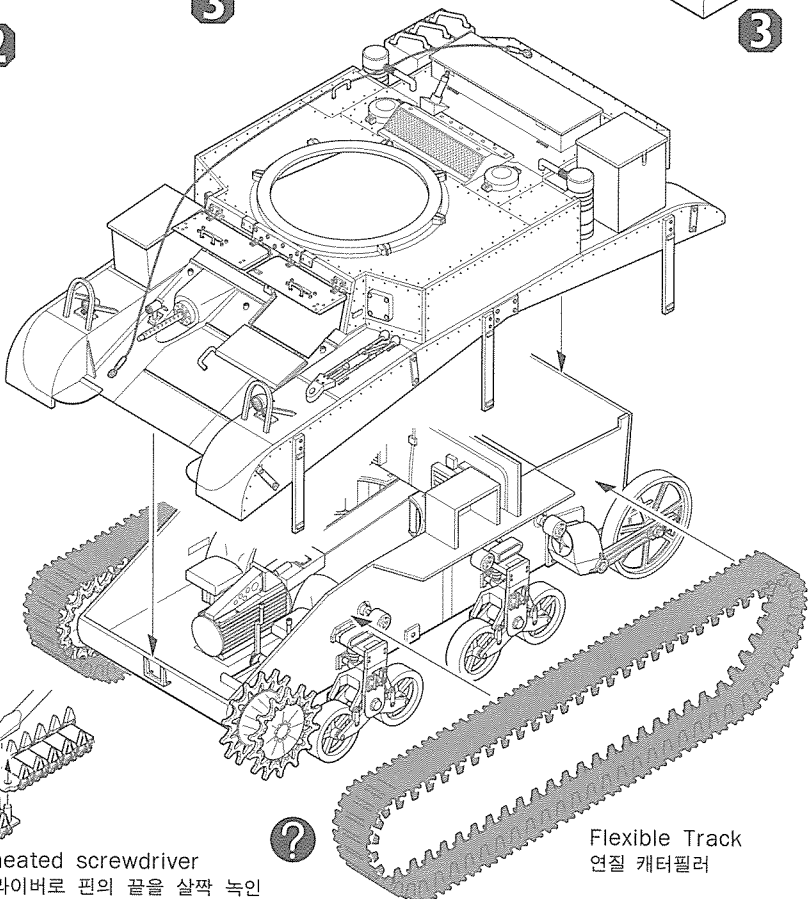
6



1 2 — British version
 영국군형
 ※ 3 — US version
 미군형



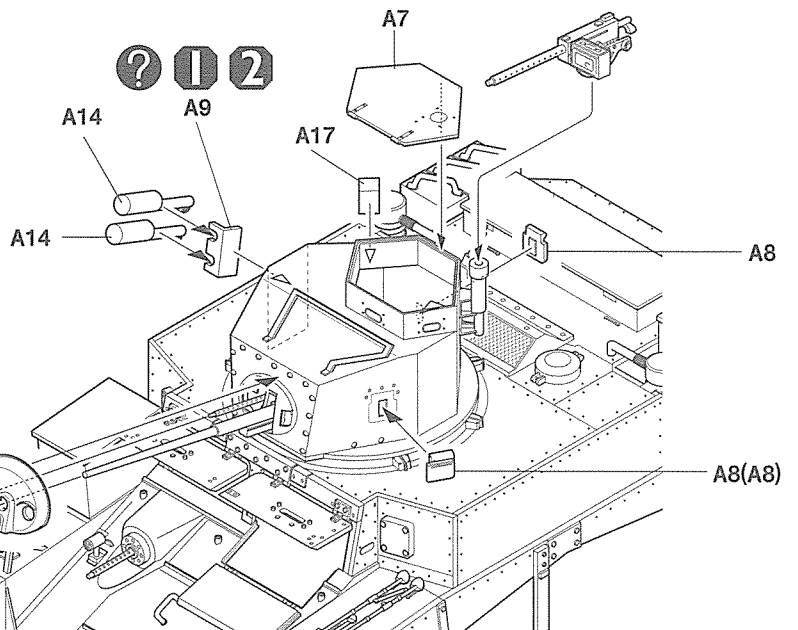
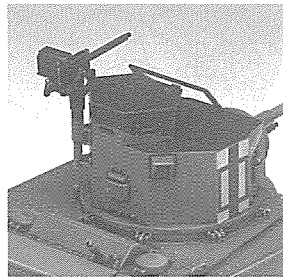
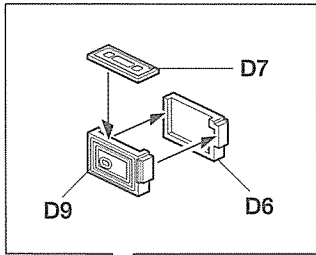
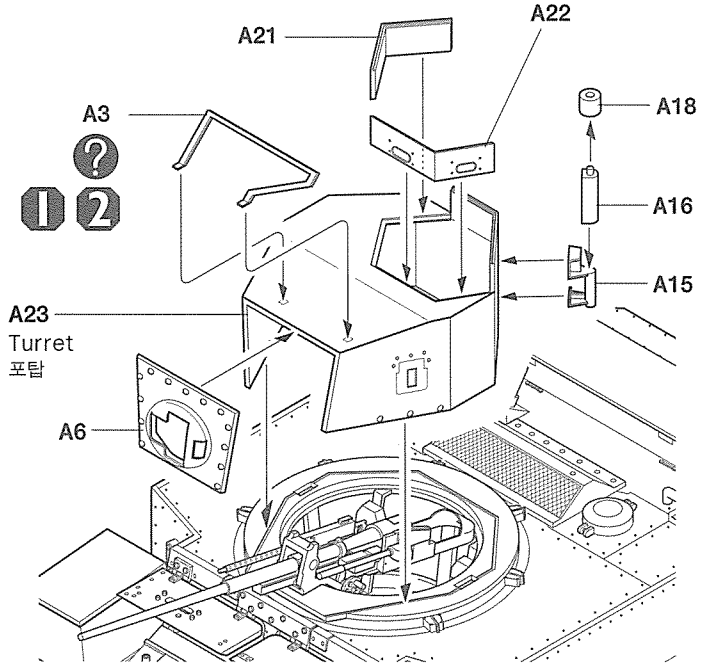
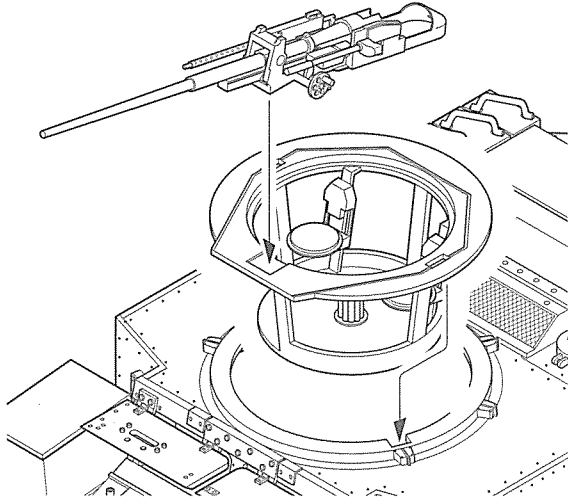
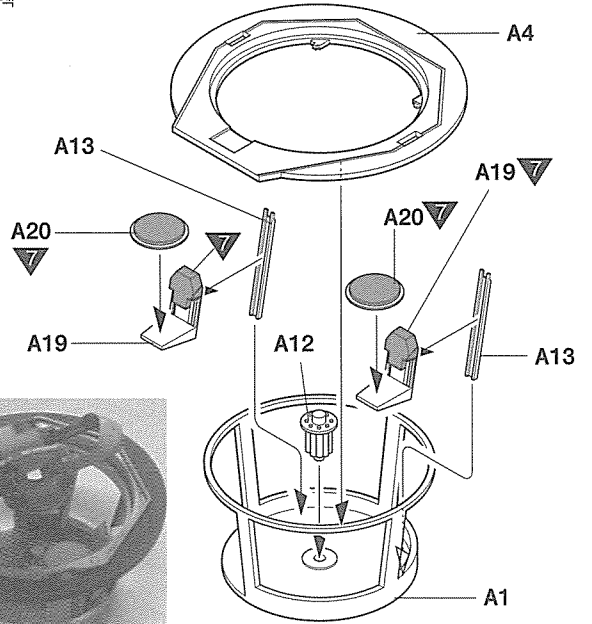
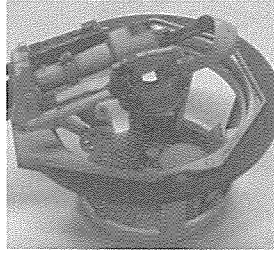
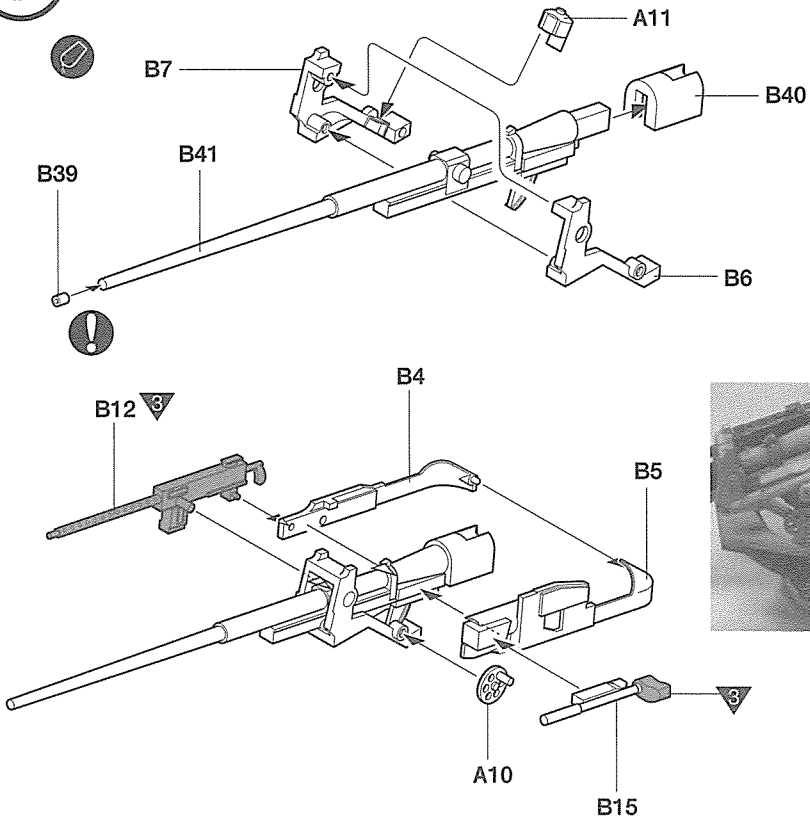
Melt pins heated screwdriver
 불에 달군 드라이버로 핀의 끝을 살짝 녹인
 후 바로 손가락으로 눌러 고정시킵니다.

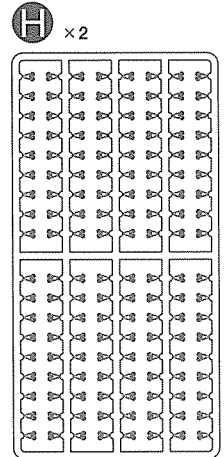
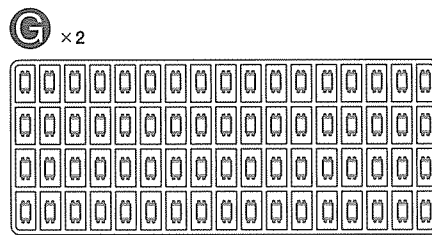
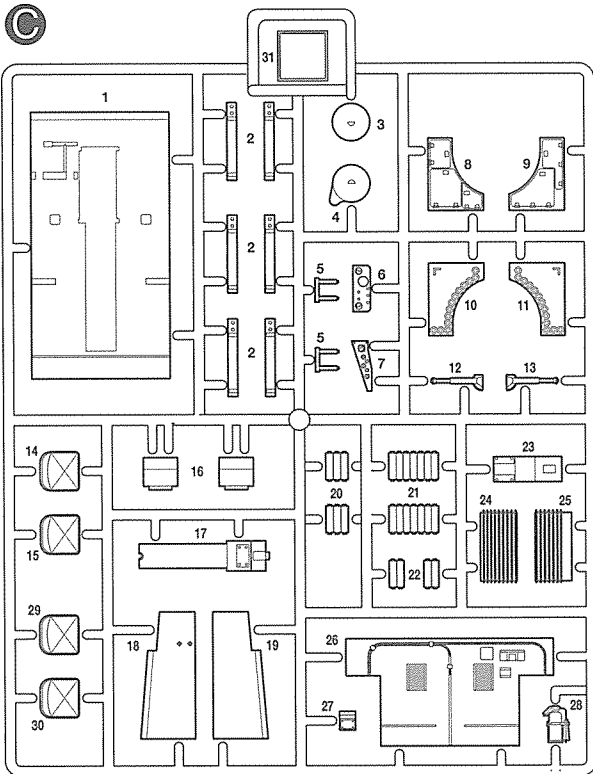
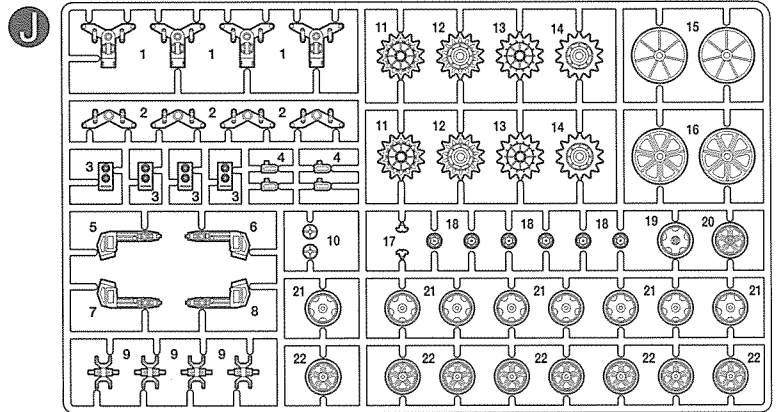
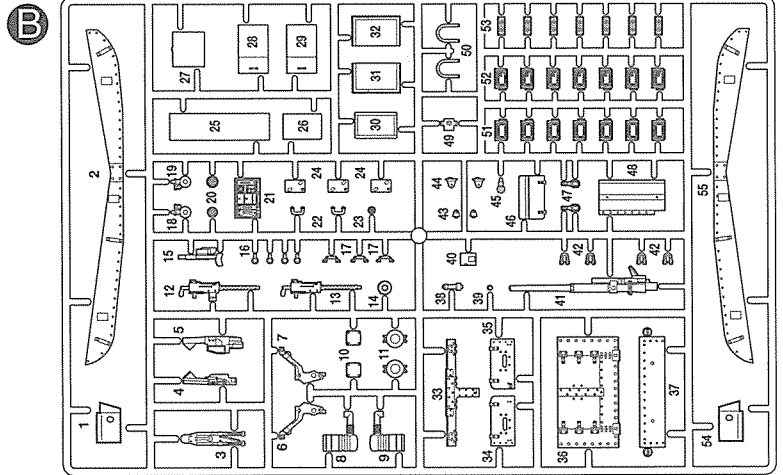
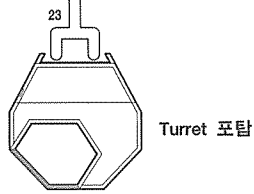
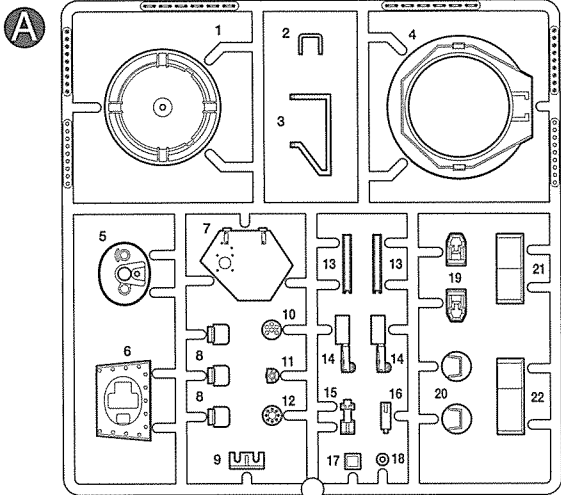


Flexible Track
 연결 캐터필러

7

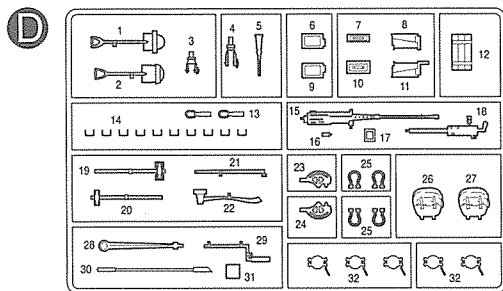
※INTERIOR COLOR : ▼
포탑내부색





■ Unused parts : B16 x 2, D2, D3, D8, D10, D11, D13, D14 x 6, D15, D16, D17, D19, D20, D25, D28, D29, D30, D31, D32, J13, J14, J15, J19, J21

■ Accessory parts : D12, D26, D27, J20



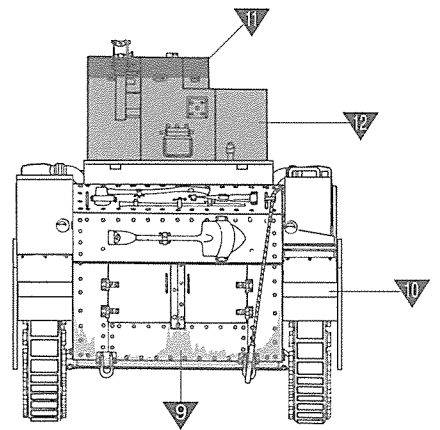
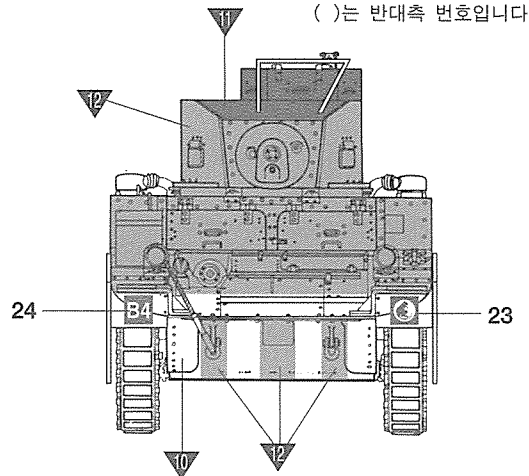
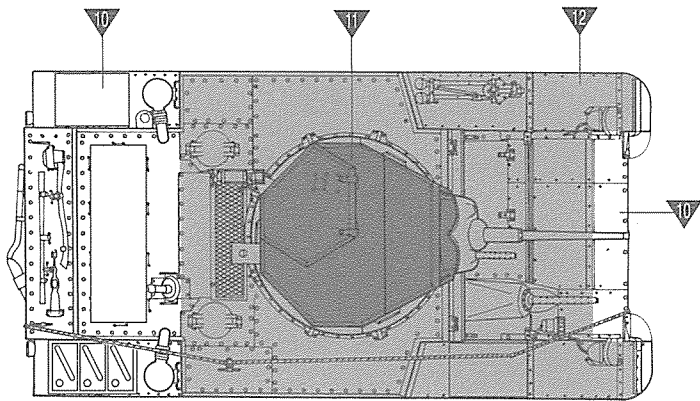
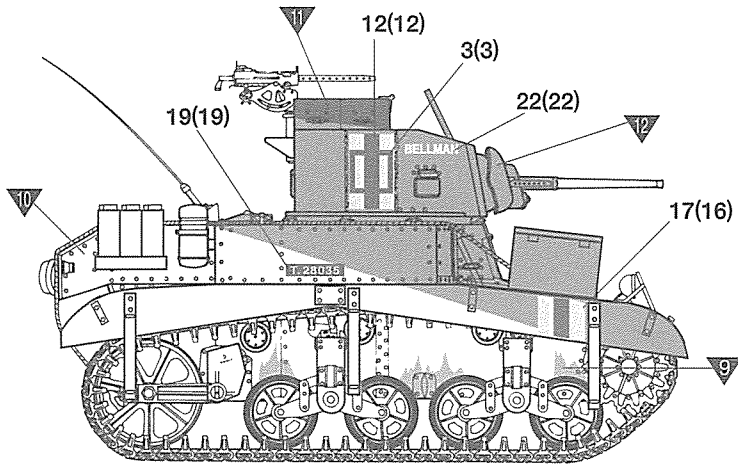
● Upper hull 상체 x1 ● Lower hull 하체 x1
 ● Flexible Track 연결캐터필러 x2 ● Thread 실 x1
 ● Decal 전사지 x1

1	FLAT WHITE	MATTWEIß	BLANC MAT	つや消しホワイト	무광흰색
2	FLAT BLACK	MATTSCHWARZ	NOIR MAT	つや消しブラック	무광검정색
3	GUN METAL	METALL-GRAU	GRIS ACIER	ガンメタル	건메탈
4	SILVER	SILBER	ARGENT	シルバー	은색
5	GOLD	GOLD	OR	ゴールド	금색
6	RED	ROT	ROUGE	レッド	유광빨강색
7	KHAKI	KHAKI	KAKI	カーキ	카키색
8	LIGHT BROWN	HELLBRAUN	BRUN CLAIR	ライトブラウン	라이트브라운
9	OLIVE DRAB	BRAUNOLIV	VERT OLIVE	オリーブトラブ	국방색
10	DESERT YELLOW	SANDGELB	JAUNE DÉSERT	デザートイエロー	대저트옐로우
11	DARK GREEN	DUNKELGRÜN	VERT FONCÉ	ダークグリーン	다크그린
12	SLATE GREY	SCHIEFERGRAU	GRIS ARDOISE	スレートグレイ	슬레이트그레이
13	LIGHT BLUE	HELLBLAU	BLEU CLAIR	ライトブルー	라이트블루
14	MEDIUM GREY	MITTELGRAU	GRIS MOYEN	ミディアムグレイ	미디엄그레이

1 "BELLMAN" 8th King's Royal Irish Hussars, 7th Armored Division, Bir-Hakeim, Lybia, May 1942

"벨맨" 영국 제7기갑사단 제8왕립 아이리쉬 연대, 비르 하케임, 1942년5월 리비아

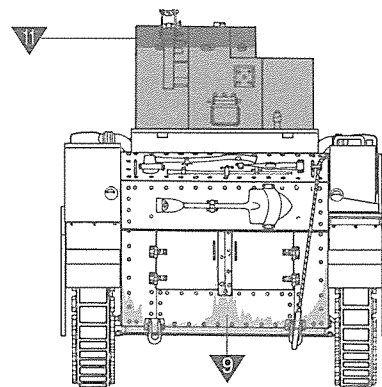
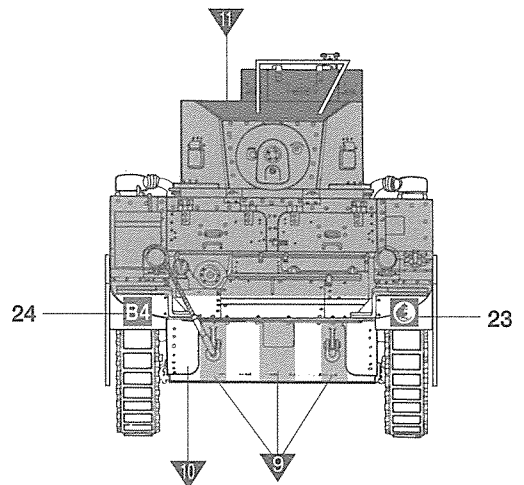
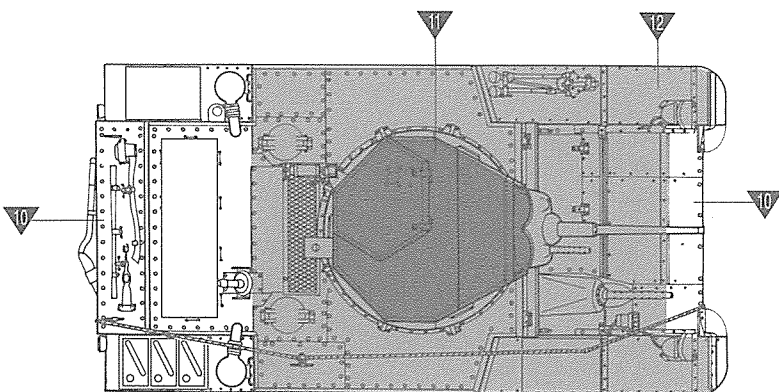
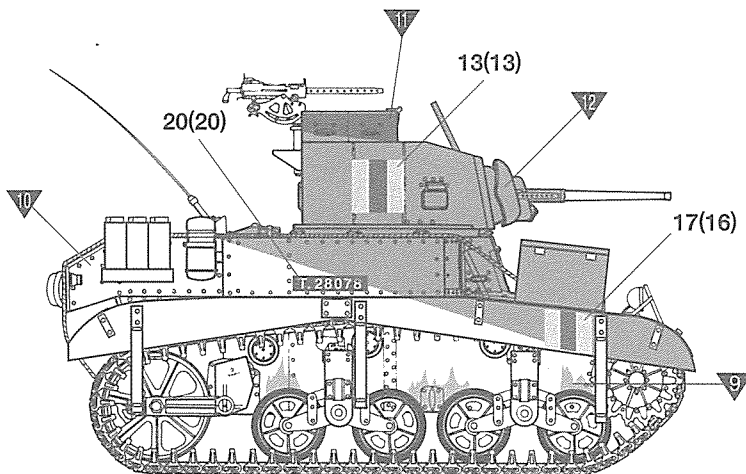
*() is opposite number.
()는 반대측 번호입니다.



2 8th King's Royal Irish Hussars, 7th Armored Division, Sidi Rezegh, Libia, November 1941

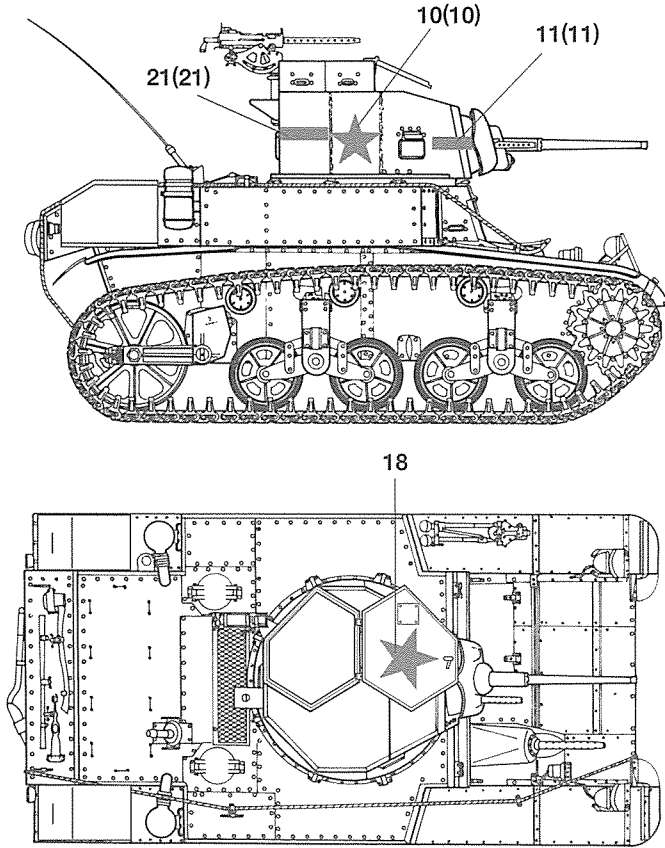
영국 제7기갑사단 제8왕립 아이리쉬 연대, 시디 레제흐, 1941년11월 리비아

*1,2,4,5,6,7,8,9 is unused.
1,2,4,5,6,7,8,9는 쓰이지 않습니다.

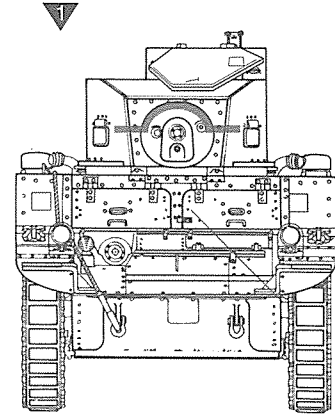


3 80th Armored Regiment, The Armored Force School, Fort Knox, Kentucky, June 1943
 포트nox 기갑학교 제80기갑연대, 1943년 6월 미본토 켄터키주

*() is opposite number.
 ()는 반대측 번호입니다.

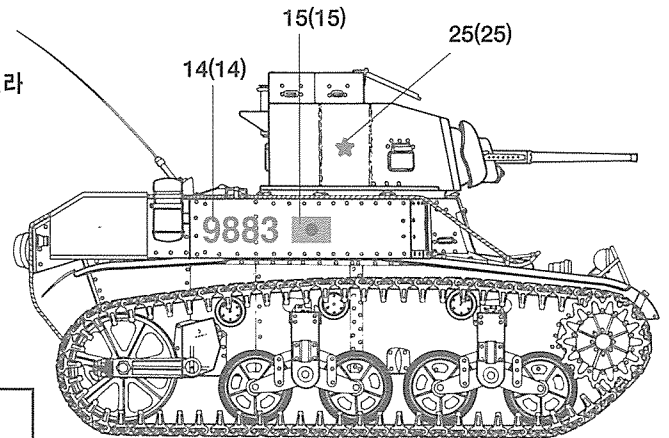


Body Color 차체색 : 9



4 Captured and use by the Imperial Japanese Army,
 3rd Chutai, 7th Sensh Rentai, Manila, Philippines. May 1943
 구일본육군 제7전차연대 제3중대 노획사용 차량, 1943년5월 필리핀 마닐라

Body Color 차체색 : 9



1	FLAT WHITE	MATTWEIß	BLANC MAT	つや消しホワイト	무광흰색
2	FLAT BLACK	MATTSCHWARZ	NOIR MAT	つや消しブラック	무광 검정색
3	GUN METAL	METALL-GRAU	GRIS ACIER	ガンメタル	건메탈
4	SILVER	SILBER	ARGENT	シルバー	은색
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