

ACADEMY
HOBBY MODEL KITS

ISRAEL DEFENSE FORCES

M151A1

SHMIRA

1/35th Scale
#13004 CA195



이스라엘 국방군 M151A1 시미라

The M151 series of vehicles were developed under the U.S. Military Utility Tactical Truck Project(MUTT) project. Similar to its predecessors, the WWII MB, GPW, M38 and M38A1, the M151s were compact, all-wheel-drive utility truck.

Various prototypes were developed in the 1950s by Ford Motor Company, who was awarded the development contract, and the vehicle that was accepted by Army's Ordnance Truck Automotive Command(OTAC) had an all-stainless, monocoque, integral chassis/body unit, all-wheel independent suspension, 24-volt waterproofed electrical system, two/four wheel drive, and a four-speed, single transfer transmission. The first production contract was awarded to Ford in 1960.

The original M151 had limited payload capacity and in 1963, the rear suspension was changed to heavier-duty type, resulting in the M151A1.

The four-wheel independent suspension system, together with the narrow wheelbase of the truck, made the vehicle unstable and had the tendency to roll upon cornering at higher speeds. These problems were reduced by change in suspension design, which was incorporated into the later M151A2.

The shmira was the variant of the M151 used by the Israeli Defense Force. Most of these vehicles were equipped with overhead roll bars due to its poor handling characteristics of the vehicle and the mountainous terrain where it was used. The IDF vehicles often carried additional gear, including machinegun tripod, spades,

entrenching tools, ammo boxes, wire cutters and litter

1951 erhielt die Ford Motor Company den Auftrag zur Entwicklung eines Nachfolgers für die veralteten MB/GPW, M38 und M38A1(Jeep). Nach diversen Prototypen entschied sich das Army Ordnance Truck Automotive Command für ein Fahrzeug mit selbsttragender Ganzstahlkarosserie, Einzelradaufhängung v/h, 24 Volt wasserdichter Elektrik, Zweif- bzw. Allradantrieb und Vierganggetriebe.

Im Jahre 1960 wurde der erste Produktionsauftrag an Ford vergeben und das Fahrzeug erhielt die Bezeichnung M151, 1/4ton, 4 x 4 utility truck.

1963/1964 erschien eine überarbeitete Version mit einer verstärkten hinteren Radaufhängung. Diese war aufgrund von Problemen bei erhöhter Zuladung nötig geworden. Der geänderte Typ wurde M151A1 genannt. Die Produktion wurde von 1964 bis 1969 fortgesetzt, zuerst bei Ford und Willys, später dann auch bei Kaiser, AMC, AM General.

Wegen seiner hinteren Pendelachse hatten die M151 und M151A1 die Tendenz zum Übersteuern und bei zu aggressiver Kurvenfahrt sogar zum Überschlagen. Daher wurden an die Truppen Warnungen und Hinweise ausgegeben. Ab 1970 wurde darum der verbesserte M151A2 ausgeliefert.

Viele Fahrzeug- und Panzertypen wurden von den vereinigten Staaten und die IDF geliefert. So auch der M151, dort Shmira genannt. Die meisten dieser Fahrzeuge hatten Überrollbügel aufgrund der bekannten Problems. Außerdem war häufig unzählige zusätzliche Ausrüstung und Waffen an den IDF Fahrzeugen zu finden.

M151型シリーズ車両は米国の軍多用途戦術トラック・プロジェクト (MUTT) により開発された。第2次大戦時のMB型、GPW型、M38型およびM38A1型車両などの旧型車両と同様に、M151車両はコンパクトで全輪駆動の多用途トラックであった。

開発契約を与えられたフォード自動車会社により、いろんなプロトタイプの車両が開発された。そして米陸軍弾薬トラック部隊 (OTAC) により承認された車両は、全鋼鉄製、モノコック、車台／車体の一体成形、全車輪独立サスペンション、耐水性の24ボルト電気システム、2輪／4輪駆動、そして4速、単一トランミッションの車両であった。1960年に最初の生産契約がフォード社に与えられた。

M 151型の原型車は限られた搭載能力しかなく、1963年に後部サスペンションはより高負荷の型に変えられ、それがM 151A1型車となった。

同型トラックの狭い車幅と共に4車輪独立サスペンション・システムは、同型車両を不安定なものにし、高速での方向転換待ち転覆する傾向があった。その後のM151A2型に組み込まれたサスペンション設計の変更により、これらの問題は減らされた。

IDF Shmiralは、イスラエル国防軍により使用されたM151型の改造型であった。同型車両の貧弱な操縦性能と同型車両が使用される山岳地帯との理由で、これらの車両の大部分にオーバーハッド・ロール・バー（天床防護柵）が装備された。イスラエル国防軍車両には、機銃架台、砲車尾のスペード、整備用具、弾薬箱、ワイヤー・カッターおよび担架を含む追加の機具が、しばしば積み込まれた。

MUTT(군을 다큐적 전술차량)로 불리는 M151은, 1951년 도드사에 의해 그때까지 사용되었던 M3/GPW, M38, M38A1등의 균용차량을 대신 하시 개발되었다.

M151은 첫째, 차체와 조립은 특별히 복잡한 설비가 없이도 가능해야 하며, 둘째, 가혹한 환경 조건에서도 뛰어난 적응성을 발휘해야 하며, 셋째, 여러 국가에 수출을 고려하여 차량 자체 및 성비에 소모되는 비용의 저렴함을 고려되어 개발되었다.

미 육군 수송 시험부(OTAC)에 의해 정식으로 채택된 M151A1은 1/4톤, 4륜 구동장식으로, 1960년대부터 미군에 생산 공급되었으며, 이후 여러 국가에 수출되어 군용에서 민기용에까지 다양화 옮겨 사용되었다.

이스리얼 역사, M151A1과 가 담합한 M151A2를 제작하여 사용되었으며, 이들 헬기를 풍부한 전투력을 갖춘 전투기로 평가된다.

빙동이 제거되었으며, 조수석과 후방에 설치된 7.62mm FN71机关총과 차량의 진북시 승무원의 위협을 줄여주는 둘바의 설치, 그리고 차체 전체에 설치된 각종 액세서리와 무장은 이스라엘 군용차량만의 독특하고도 실전적인 모습을 보여주고 있다.



주의



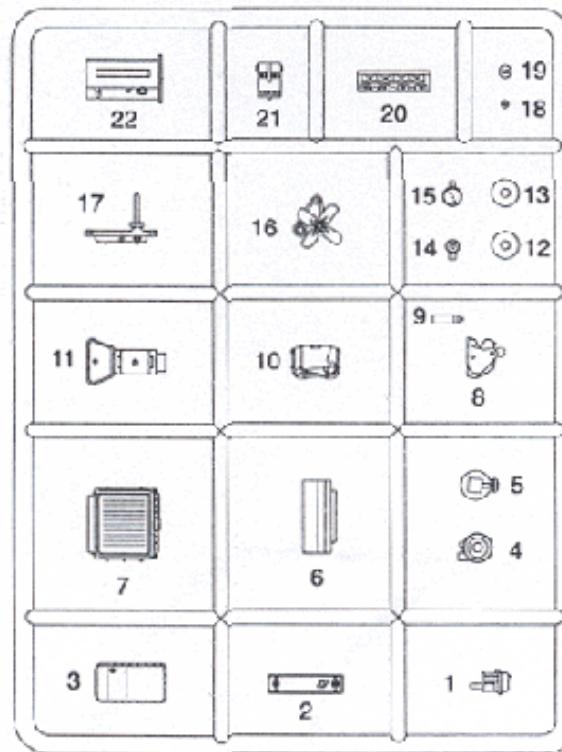
입어
넣자
달겠

▶ 보호자 분들은 반드시 읽어 주십시오!

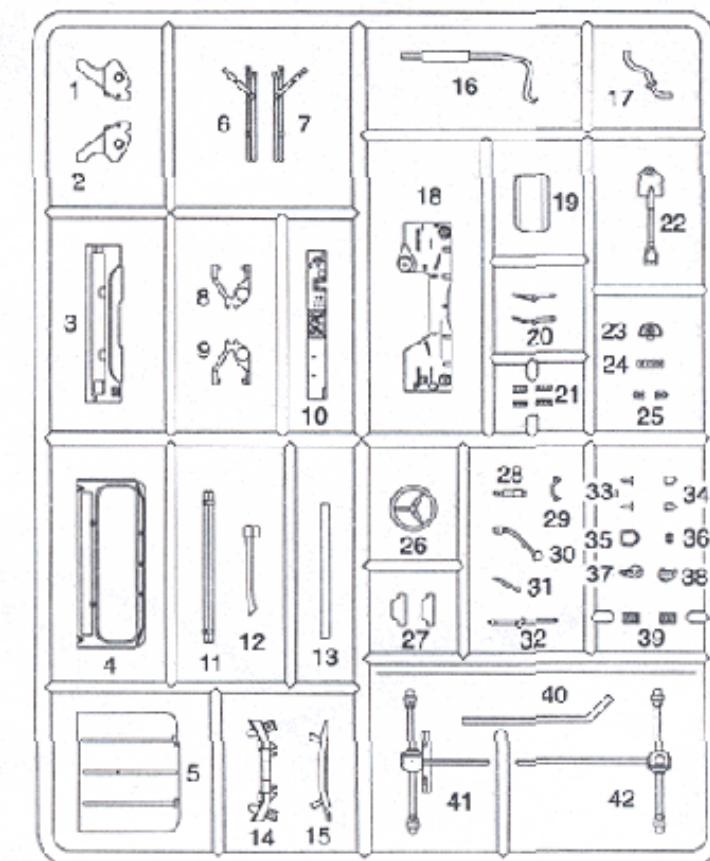
- 조립하기 전에 취급 설명서를 꼭 읽어 내용을 충분히 이해한 상태에서 조립하여 주십시오.
 - 부품을 자를 때는 허당번호로 확인한 뒤 나이프 등으로 깎아야 절이 주십시오. 칼을 이용하여 부품을 다듬고 자를 경우 손을 다치지 않도록 세심한 주의를 기울여 주십시오.
 - 작은 부품은 뒤집어 넣어야 핵심입니다. 절못이나 암석 같은 물체의 위험이 있습니다.
 - 자칫 억울한 부상을 입으므로, 세 그 단계, 0.5미터 이내에는 절대로 주지 마십시오. • 틸팅된 부품은 깨끗이 다듬어 조립하고 금은 쓰레기는 놀리하여 잘 버려 주십시오.
 - 가능상 부모에게 빠져나온 부분이 있을 수 있으므로, 취급 시 충분한 주의를 기울여 주십시오.
 - 재울 및 부풀이 표시물 비닐봉지는 가동 후 즉시 어린이의 손에 닿지 않는 곳에 잘 빼어 주십시오. 머리에 뉘었거나 벌금을 닦을 경우 질식의 위험이 있습니다.
 - 어린이의 손이 닿지 않는 곳에 잘 보관하여 수납하십시오.
 - Before starting to assemble, read the instruction manual very carefully to understand well everything of the instructions.
 - Before cutting a part off sprue, check the part number again and use proper tool such as nippers to cut it clearly. Take care not to be hurt in use of modeling knife to cut or trim parts.
 - Never put small parts in the mouth to avoid any danger of suffocation by accidentally swallowed ones.
 - Never let children less than 3 years old have it to avoid any danger of taking it. • The product may have some protruding parts for functional reasons and take care of handling it always.
 - After cutting a part off sprue, trim it clearly to assemble and the wastes should be properly sorted to dispose.
 - Plastic bags packed with the product and parts should be disposed in a proper place immediately to keep out of children to avoid any danger of suffocation by pulling it over head or putting it over face.
 - Before using modelling colors or cement, open windows to keep the room well ventilated and do not use near fire or flame. After using them, keep in a proper place out of children.

■ Parts Locating Diagram 부 품 도

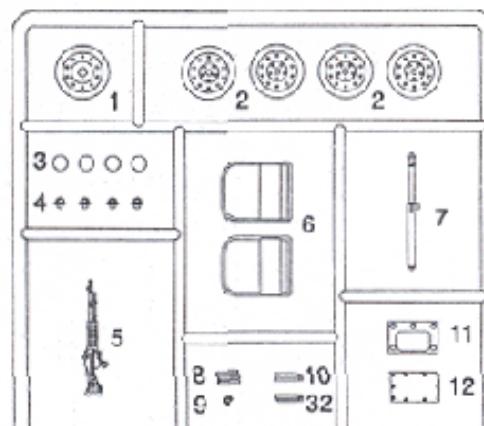
A



B



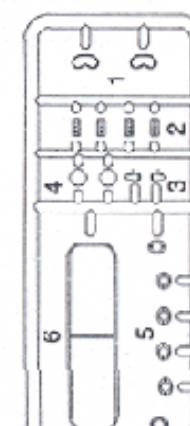
C

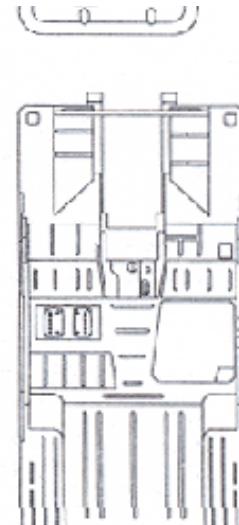
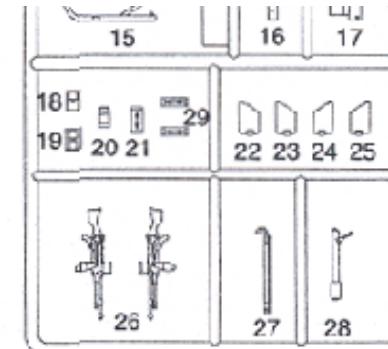
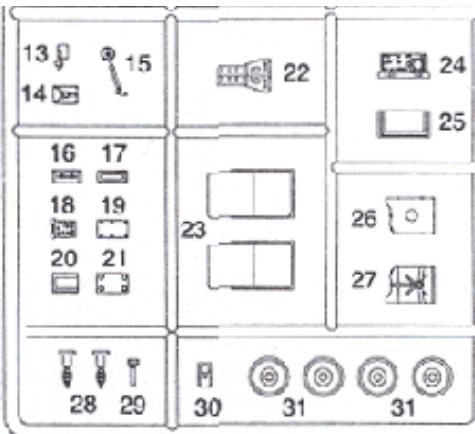


E



F





Body
車体
차체

Z



Decal デカール 전사지 x1

■ Unused parts

不要部品
불필요 부품

B3, B4, B6, B7, B10, B11, B20, B21, B29, B40,
C5, C7, C8, C9, C10, C13, C14, C15, C16,
C17, C22, C26, C27, C28×1, C29, C30, C32,
F1, F2, F3, F5×4, F6

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경기아카데미: (031)458-5591, 부산아카데미: (051)293-7449, 대구아카데미: (053)744-9293
- 홈페이지 <http://www.academyhobby.com> <http://www.academy.co.kr>
- 고객상담문의 080-969-7000

* 본제품 구입후 파손 및 작동 불능으로 사용이 불가한 피해가 있을 시 신품교환 및 A/S를 통하여 보상하여 드립니다.



ACADEMY PLASTIC MODEL CO., LTD.
273-64, Suyu-dong, Kangbuk-gu, Seoul, Korea
TEL. 82-2-908-7000 FAX. 82-2-997-3003

<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 vented when cement or paint is in use.
- Tie up and throw away the empty plastic bags to avoid danger of suffocation for little children.

<ALLGEEMEINE HINWEISE>

- Die Anordnung der Bauteile ist aus den Zeichnungen der Anleitung ersichtlich.
- Die Teile vor dem Verkleben ungelöst zusammenhalten, um Ihnen passen 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 flache Luftauftrieb, z.B. öffnen des Fensters, sorgen.
- Bausalz vom kleinen Kindern fernhalten. Verhindern Sie, daß Kinder irgendwelche Bauteile in den Mund nehmen oder Plastiktüten über den Kopf ziehen.



<LISEZ CE QUI SUIT AVANT DE COMMENCER LE MONTAGE>

- Étudiez les schémas d'assemblage.
- Contrôler que chaque pièce soit bien conforme avant de la coller à sa place.
- N'utiliser 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 (ouvrir la fenêtre).
- Après avoir sorties les pièces du soc en caoutchouc, déchirer le sac afin d'aviter que les enfants ne le mettent sur la tête et ne s'étouffent.

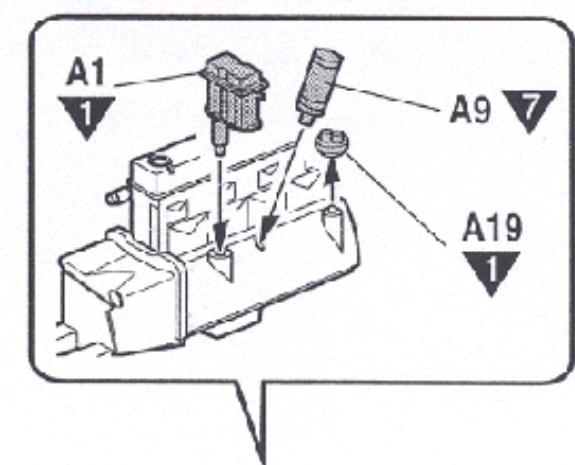
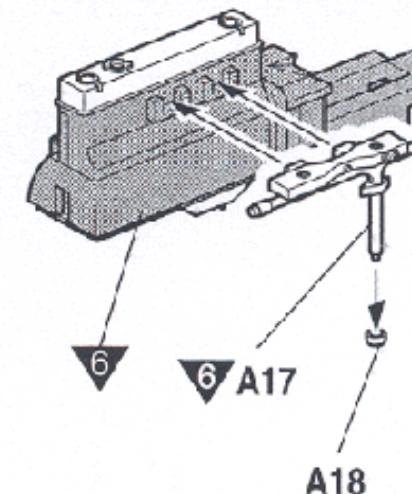
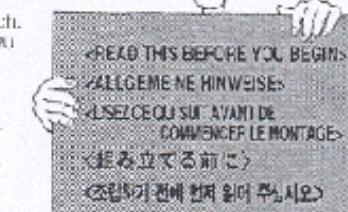
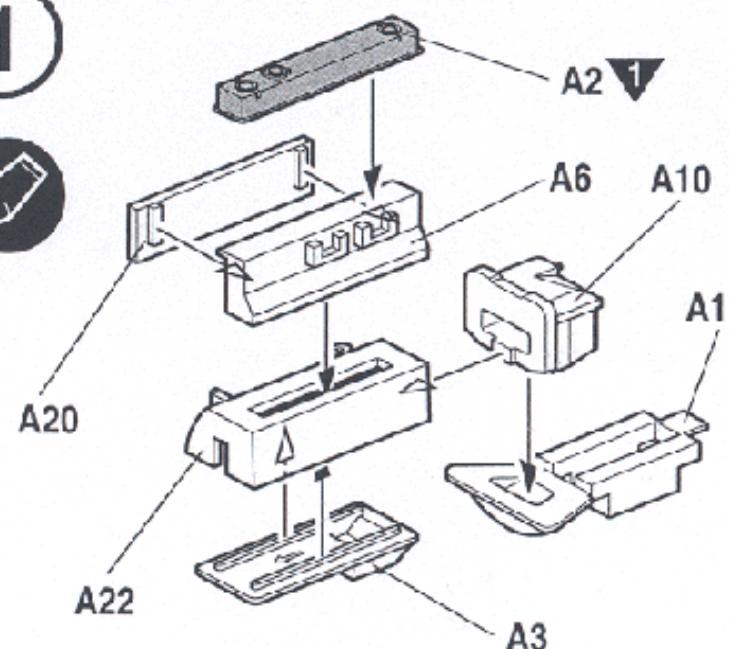
<組み立てる前に>

- 組み立てる前に説明書をお読み下さい。 - 商品をランナーからはずす時は模型用ニッパーとカッターを使用します。
- 接着剤を少しめぐらすことが大きいに上上げるこです。 - 組み立て後の商品やビニール袋は小さな手の届かない安全な所に保管して下さい。
- 接着剤や塗料を乾燥する時はときどき扇風機で風を吹きましょう。 - 保管する間に商品を包む事があります。

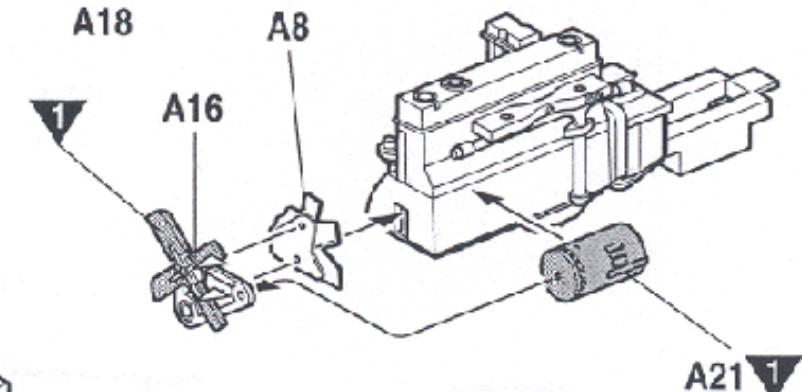
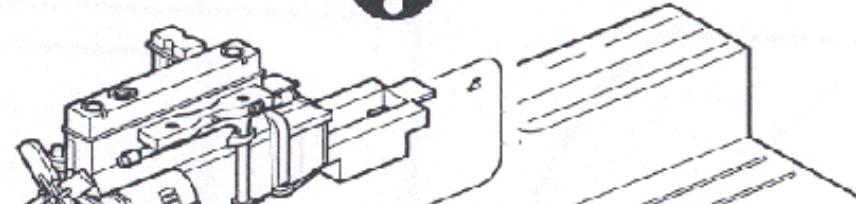
■ 조립하기 전에

- 부품을 조립하기 전에 설명서를 읽어본 후 조립합니다. - 부품을 자를 때에는 칼이나 나이프로 깨끗이 잘라준다.
- 접착제를 사용할 때 사용하지 않는 곳의 주의하고 너무 많이 바르지 않도록 하다. - 접착제가 건조 후 부품을 놓거나 손으로 만지면 끌어온다.
- 카본 페인트나 접착제를 사용할 때는 살론을 걸고 허리를 사용하고 허리를 걸어둔다.
- 사용 후 남은 부품은 어떤 이동 중이든 빠르게 깔끔히 닦도록 잘 처리한다.

1



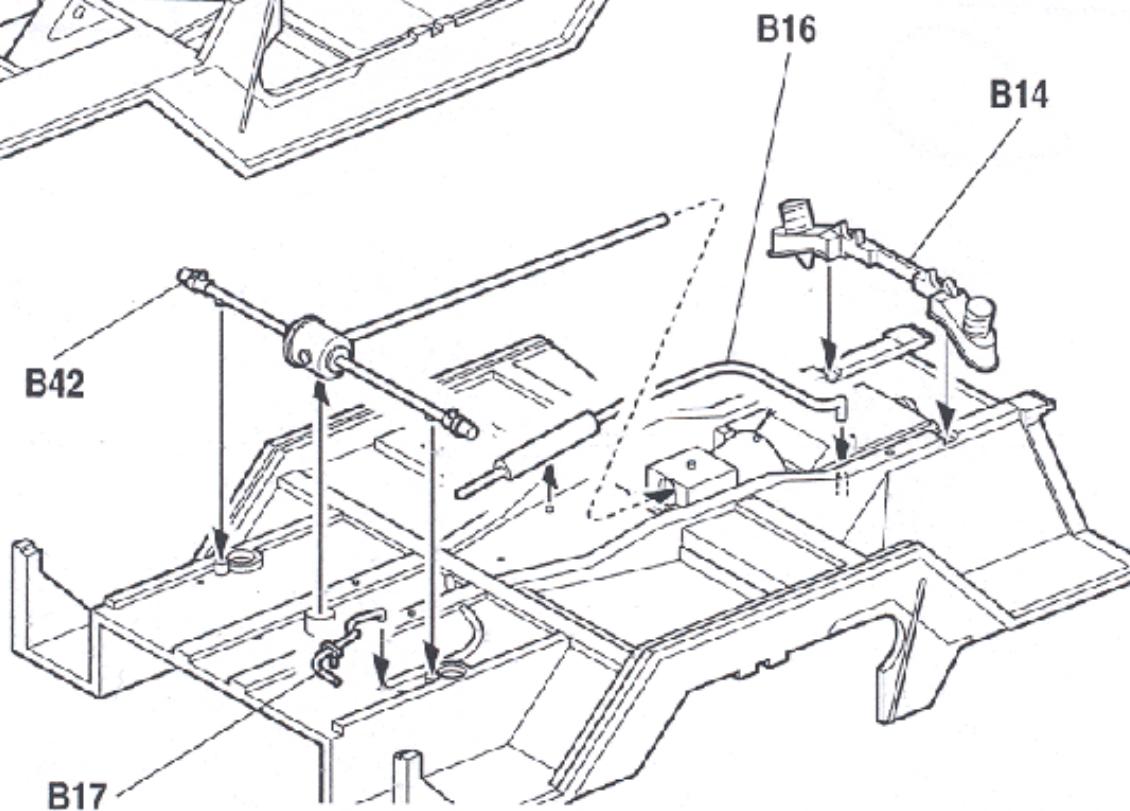
2



Body

車体
 차체

3



接著剤.
Cement parts
Collier
Hügel
Pegar
Incollare
Colar
Kleben



接着하지 않는다.
Do not cement
Ne pas coller
Nicht kleben
No pegar
Non incollare
Não colar
Niet kleven



3
수단을 조립한다.
Repeat operation
Répéter l'opération
Wiederholen
Repetir la operación
Repeter
Repetir e operação
Herhalen



진시계를 붙인다.
Diesels
Drehmomentes
Mitschraud



무게수를 넣는다.
Ann weight
Lesser
Gewicht



구멍이나 틈을 메꿔온다.
Use filler
Masquer
Sehafßen



잘라낸다.
Cut away
Couper
Schneiden
Cortar
Tagliare
Cortar
Schnijden



선택한다.
Optional parts
Chez
Auswahlmöglichkeiten
Opcional
Scelta
Opcional
Keuze



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



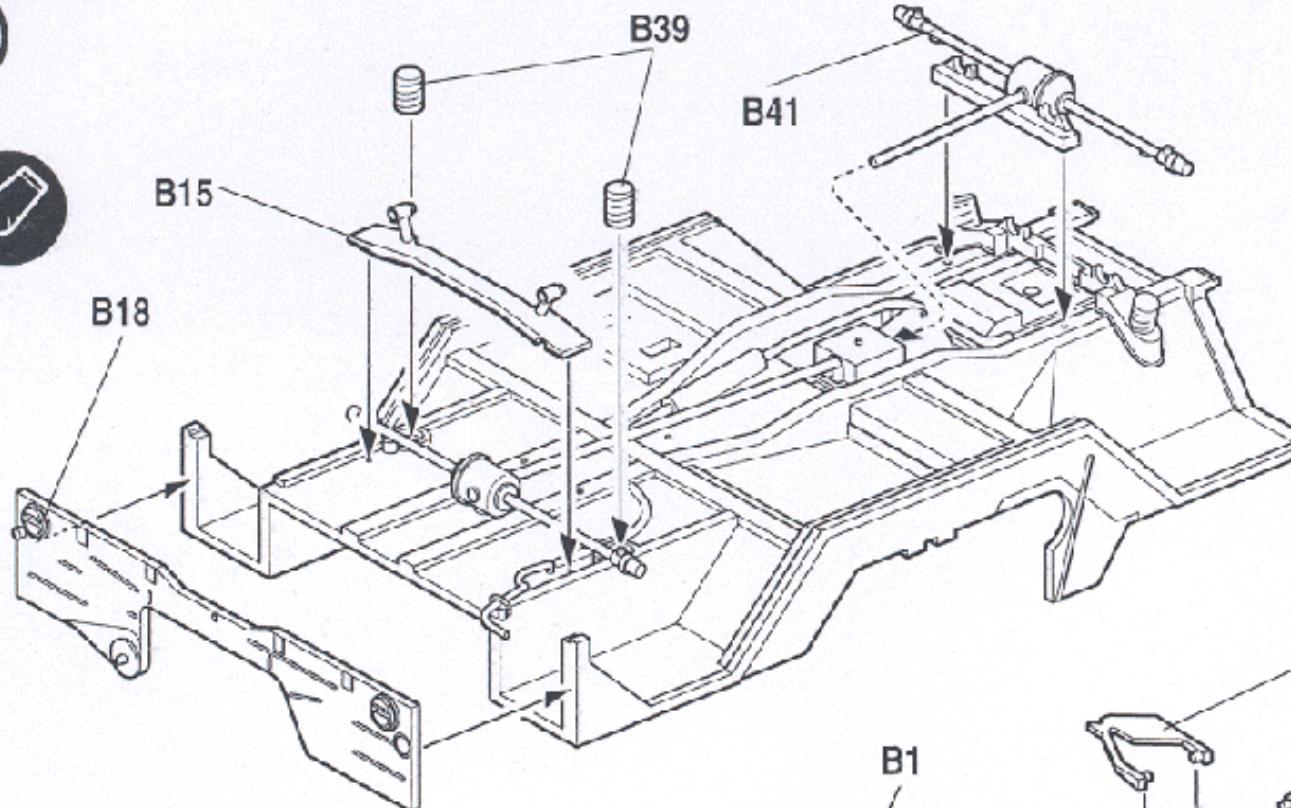
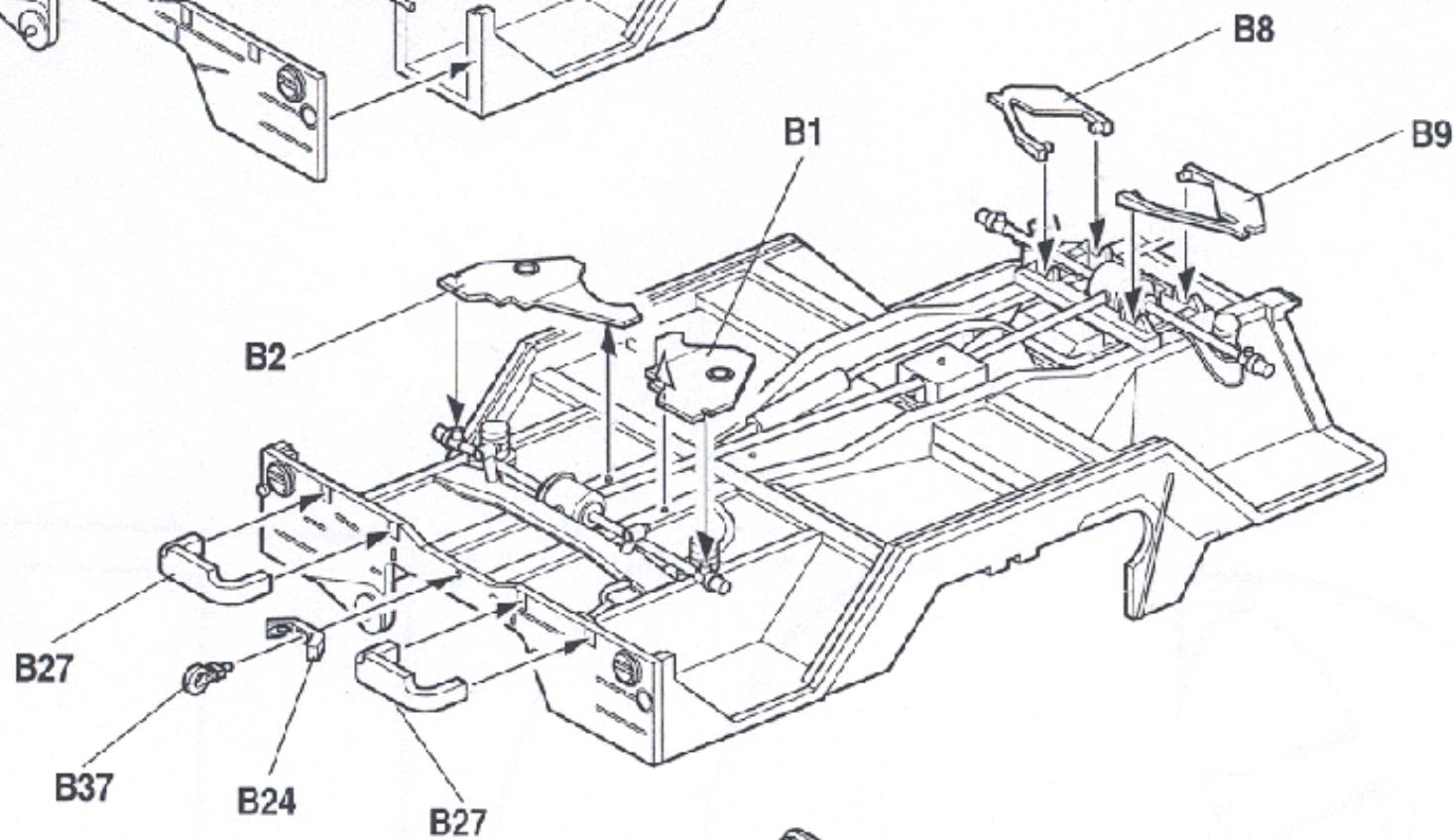
구멍을 뚫어준다.
Make hole
Faire un trou
Offnen



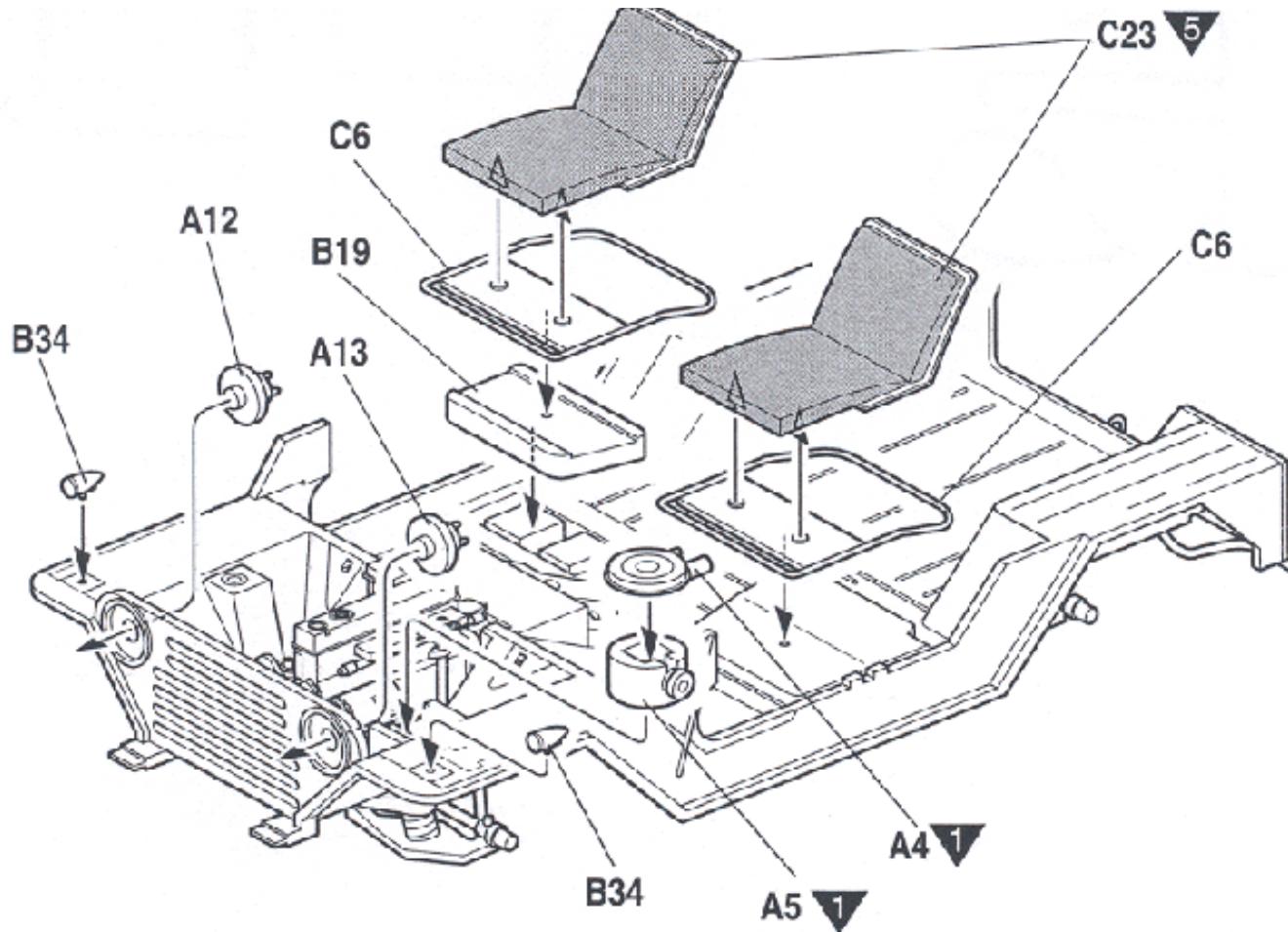
주의한다.
Be careful
Prete atención
Hier Vorsicht!



색칠 및 색시지 표기기 번호
Painting scheme number
Numéros de la liste de peinture
Lackierschemenummer

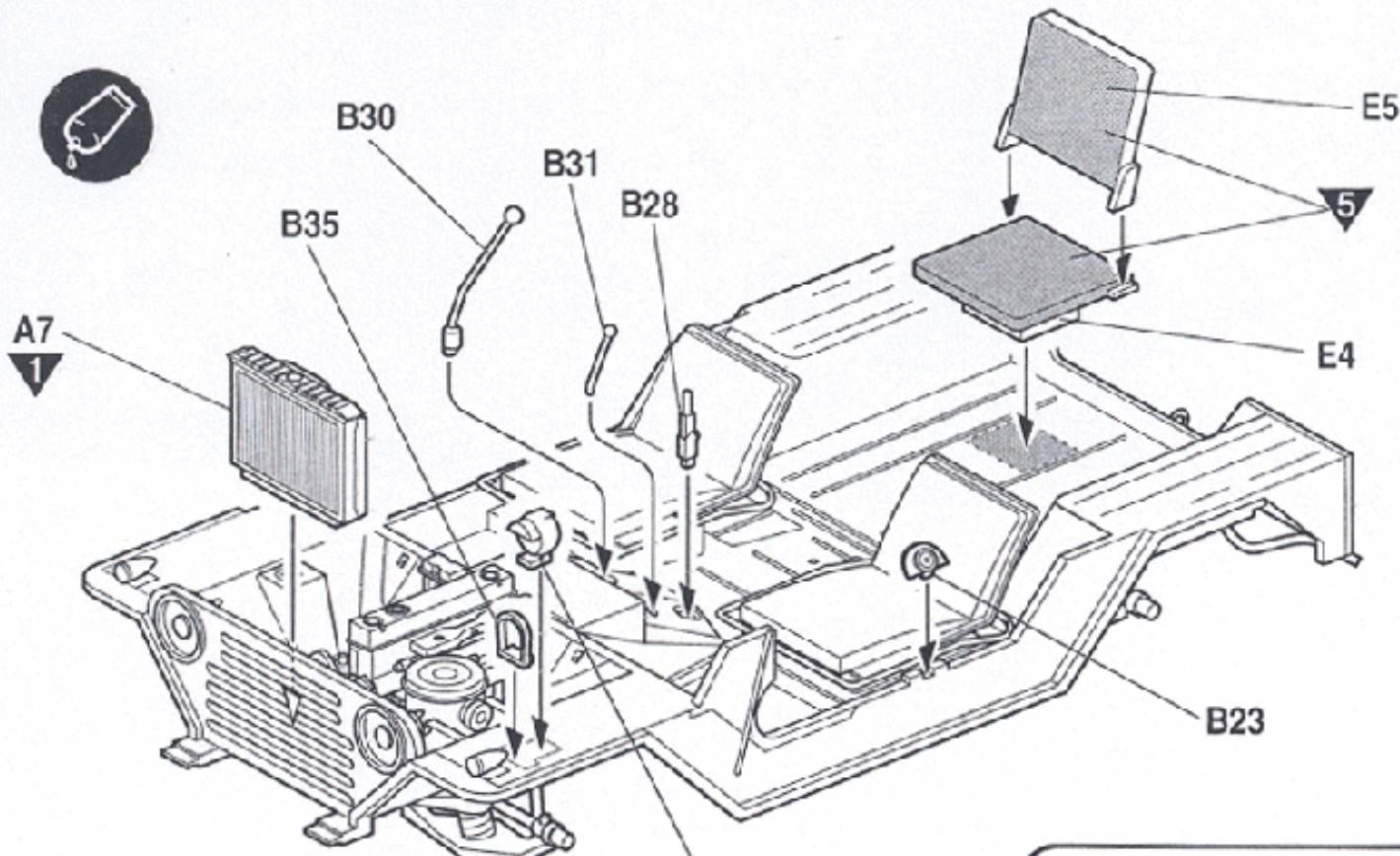
4**5**

6

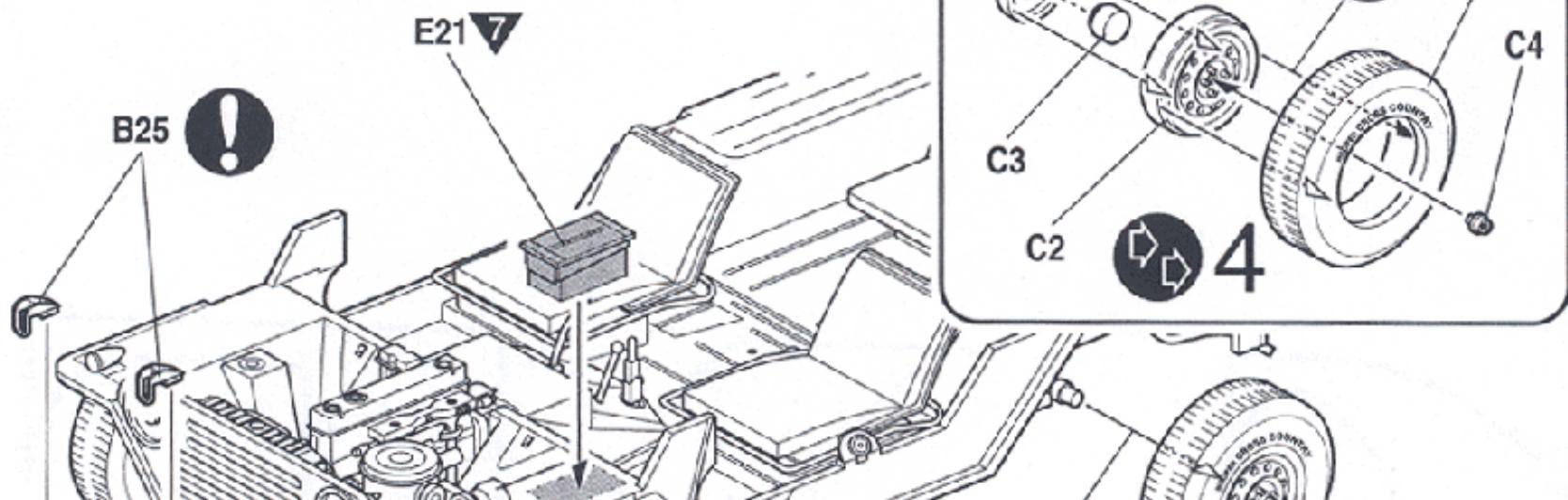


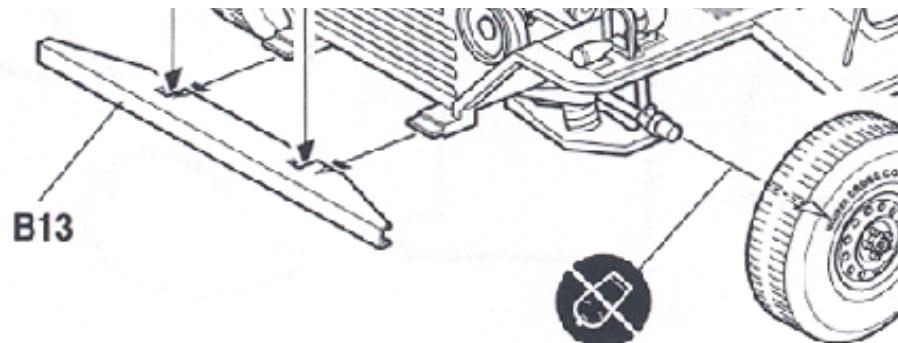
1	FLAT BLACK	MATT SCHWARZ	NOIR MAT	つや消しブラック	무광검정색	5	KHAKI	KHAKI	KAKI	カーキ	카키색
2	SILVER	SILBER	ARGENT	シルバー	은색	6	METALLIC GRAY	METALLGRAU	GRIS MÉTAL	メタリックグレイ	흑철색
3	GUN METAL	METALL-GRAU	GRIS ACIER	カンメタル	건메탈	7	OLIVE DRAB	BRAUNOLIV	VERT OLIVE	オリーブ드라프	국방색
4	LIGHT BROWN	HELLBRAUN	BRUN CLAIR	ライトブラウン	라이트브라운	8	SINAI GRAY	SINAI GRAY	GRIS D'ISRAEL	シナイグレイ	시나이그레이

7

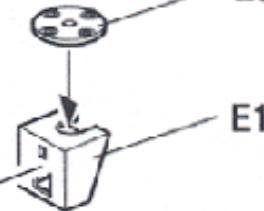
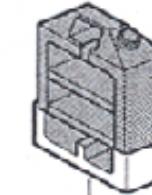
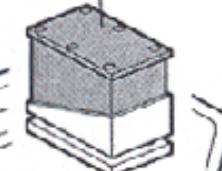
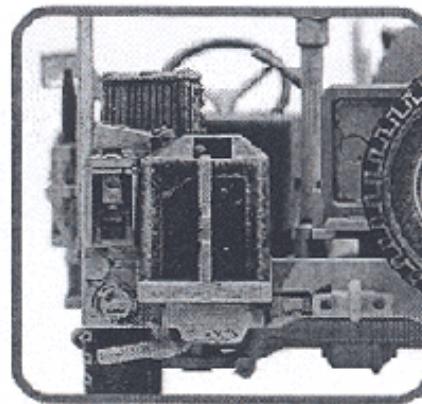
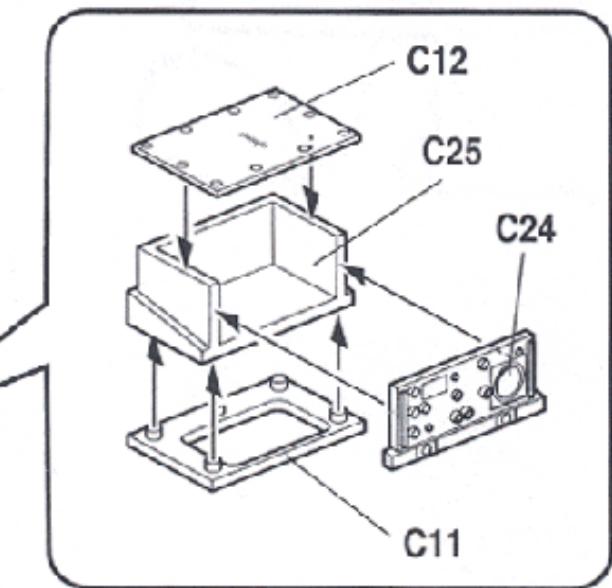
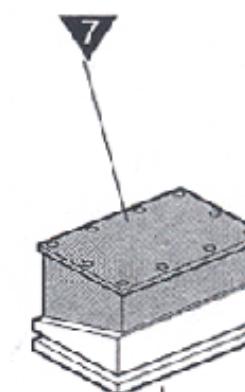
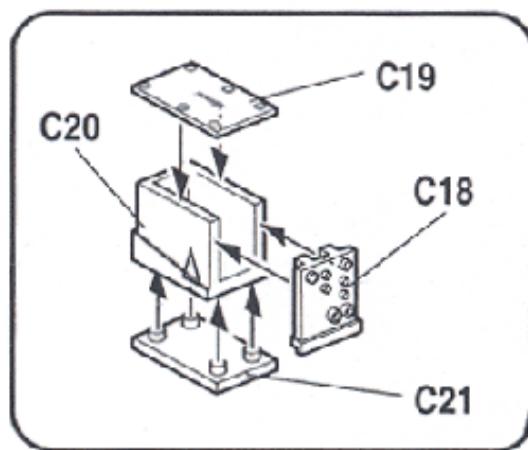


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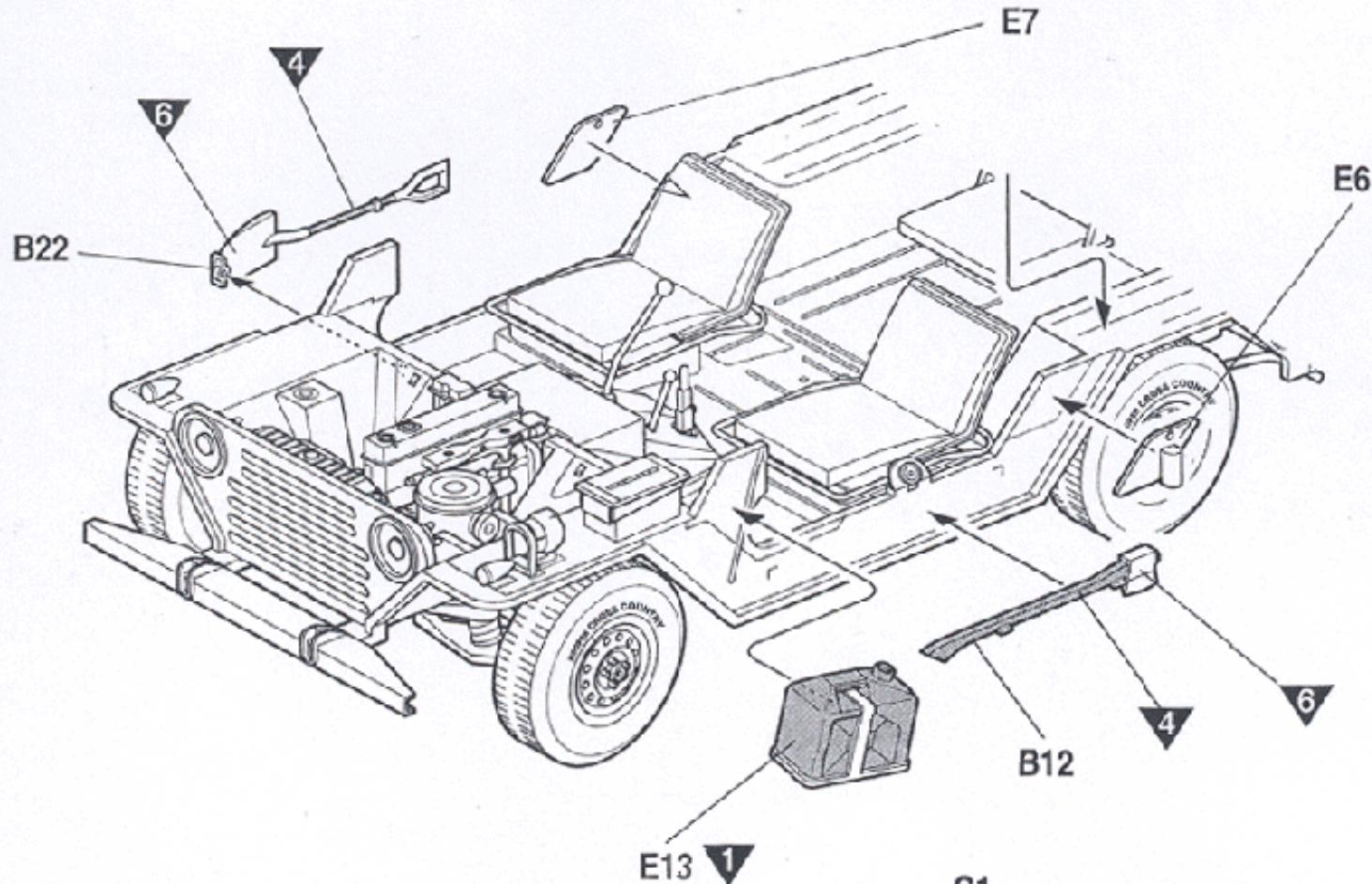
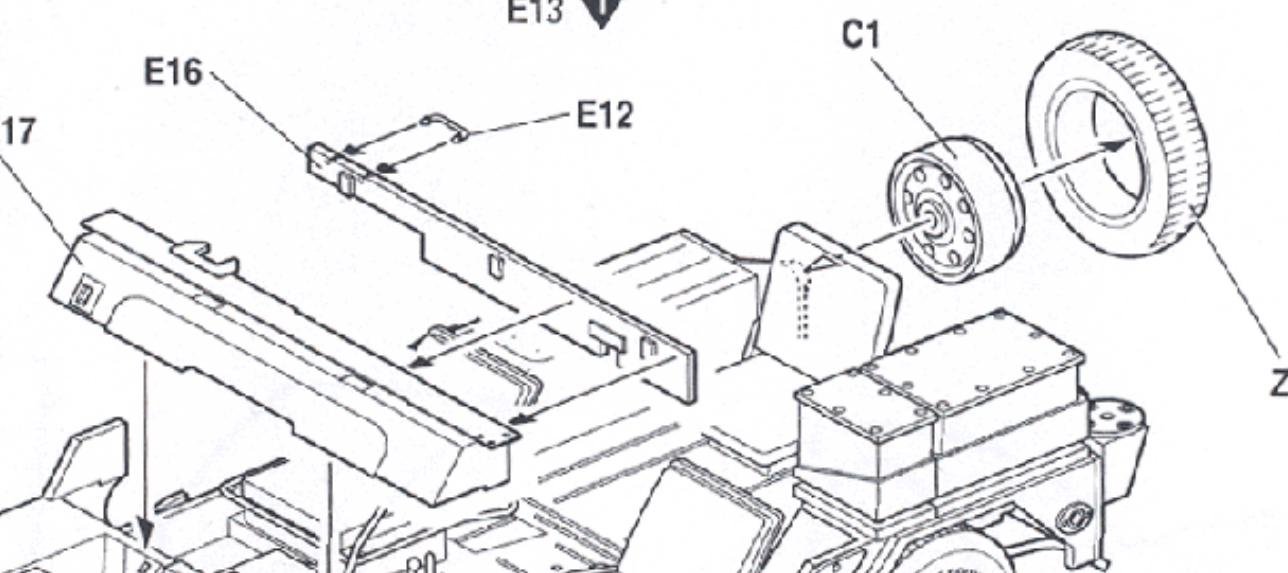


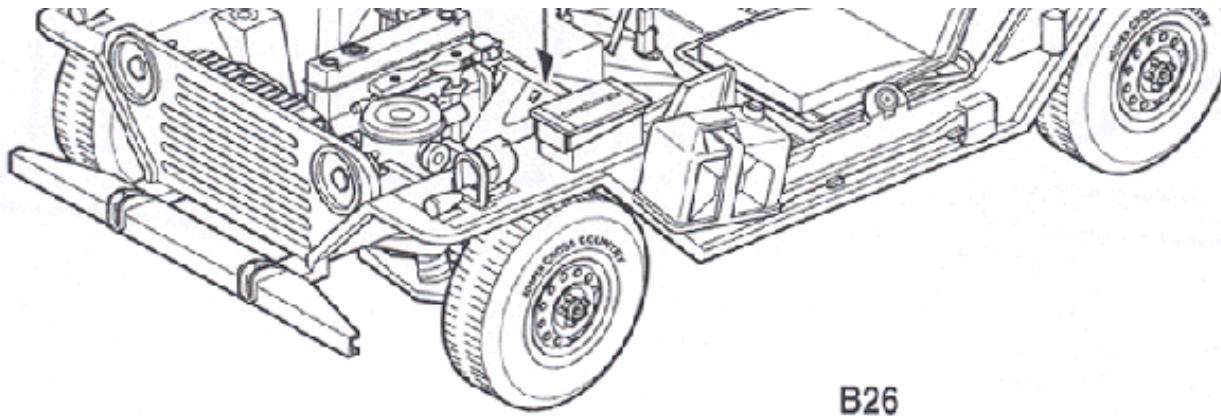


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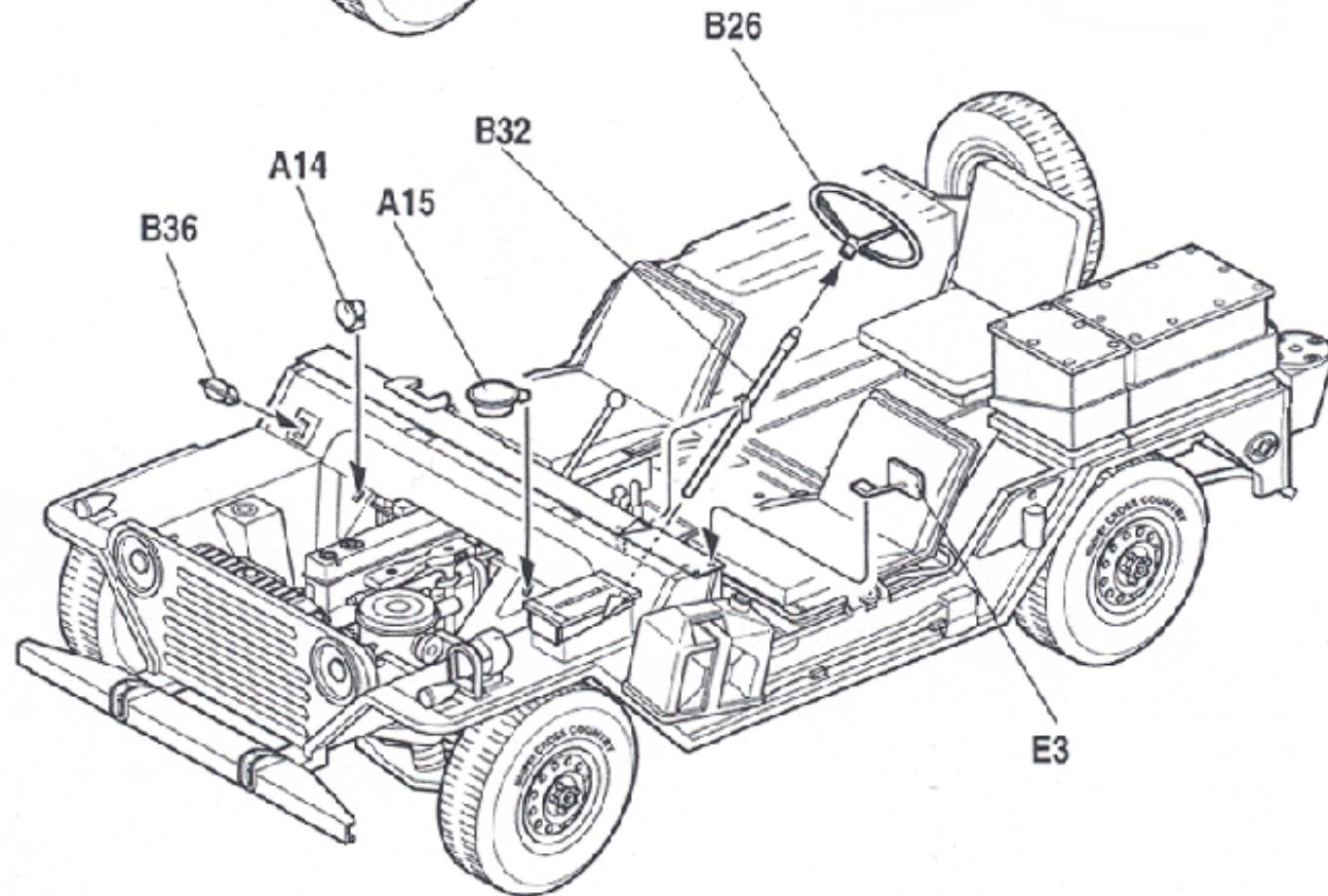


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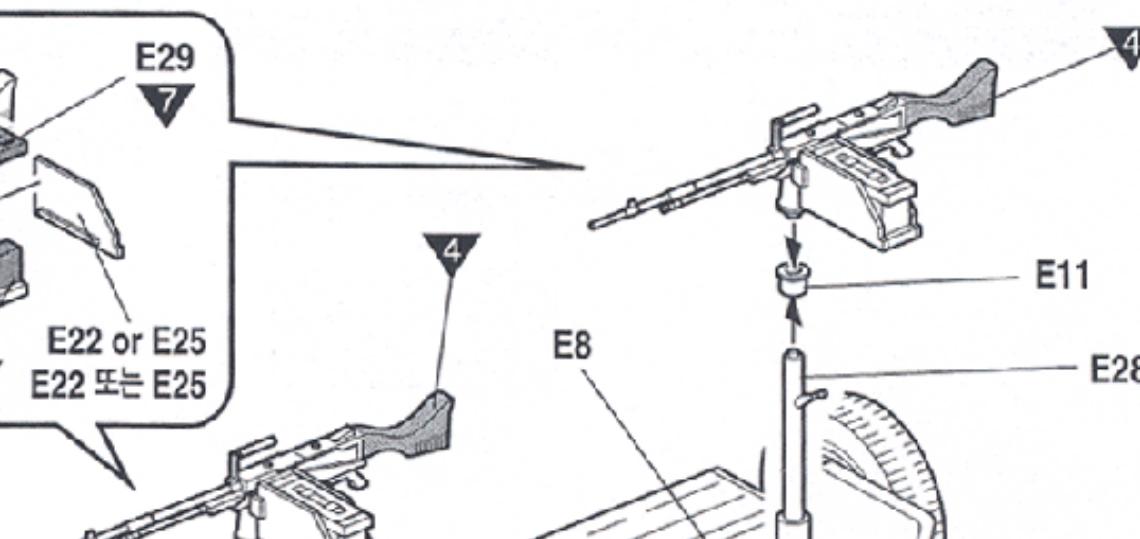
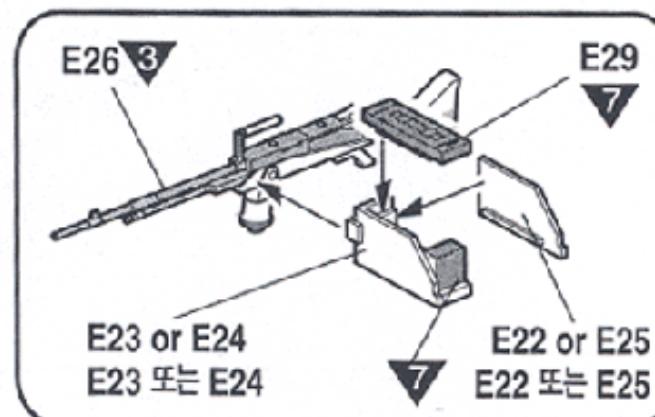
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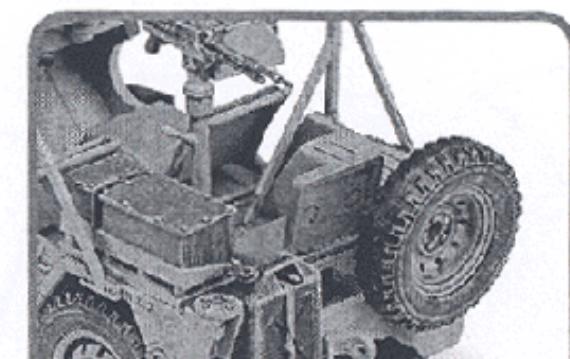
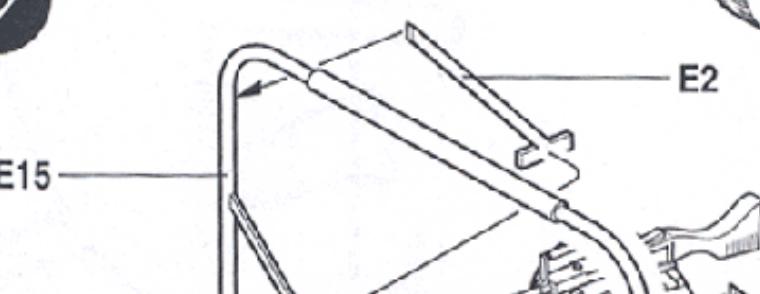
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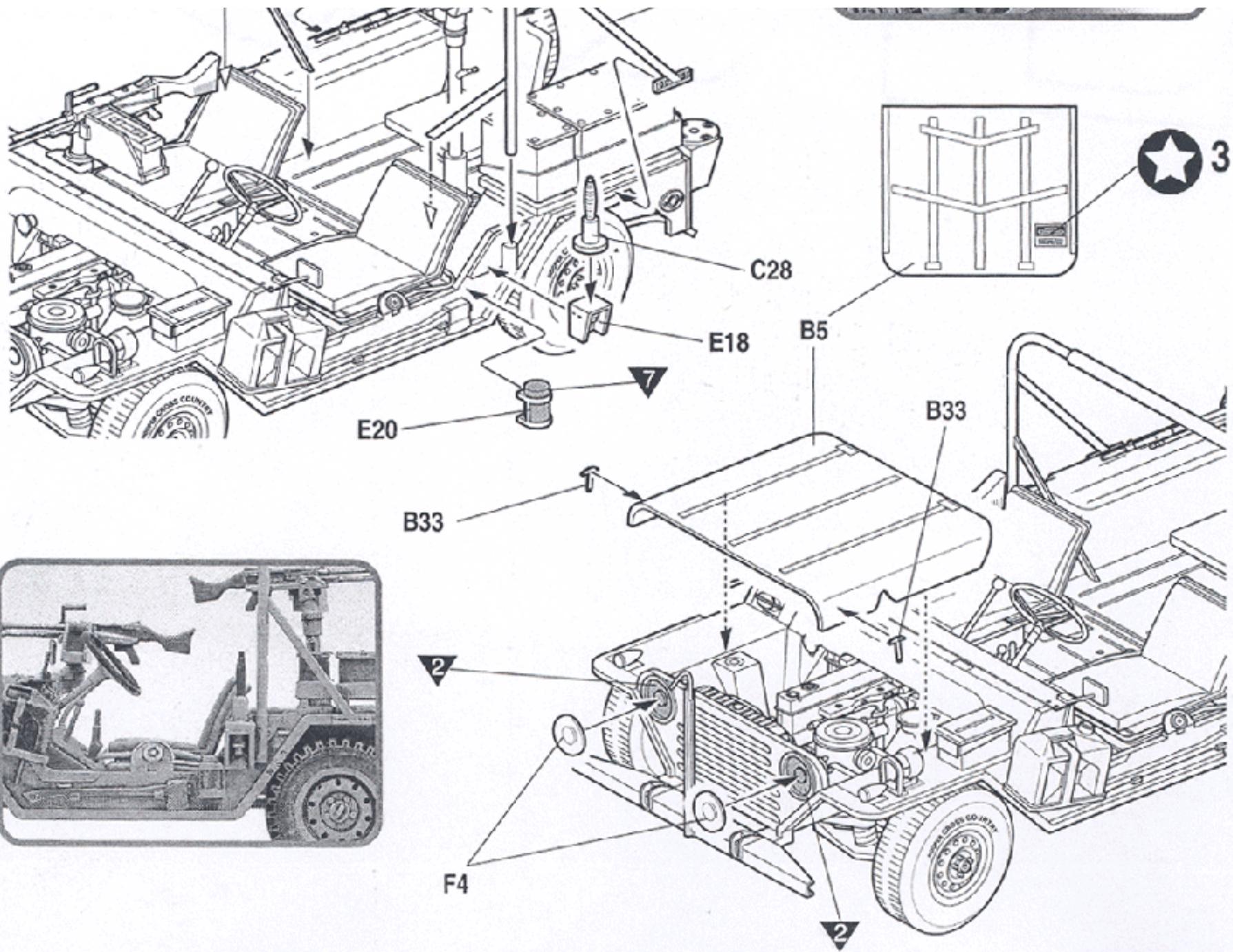


13



14





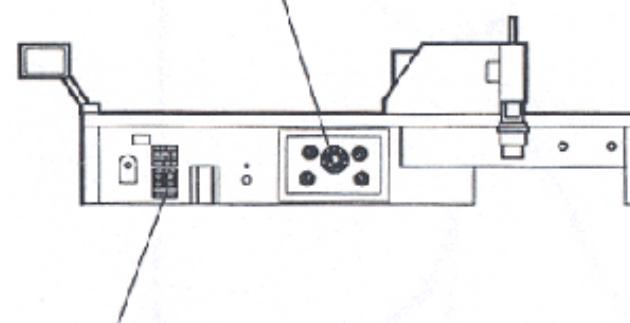
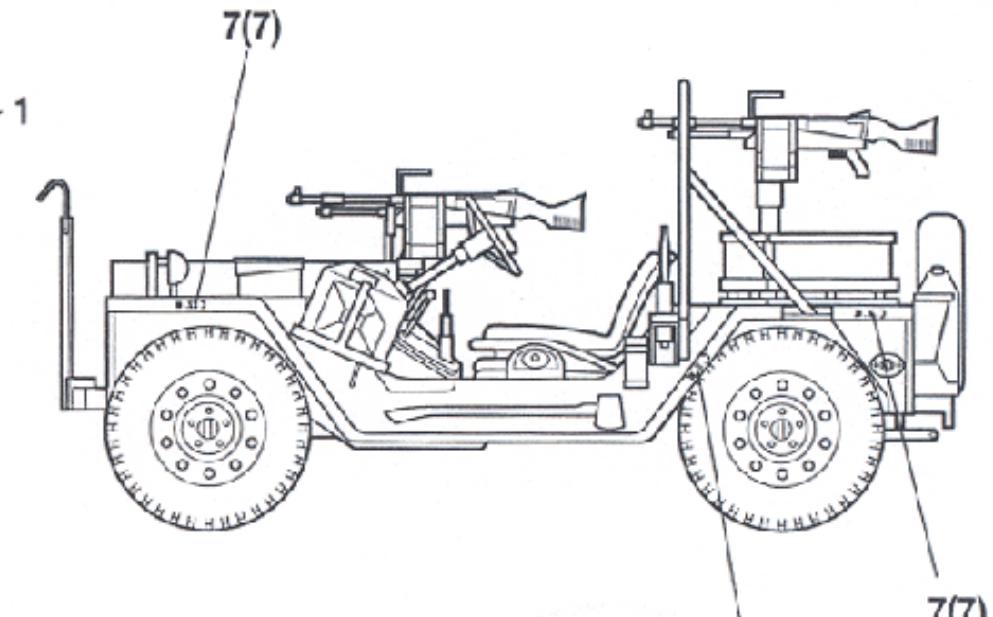
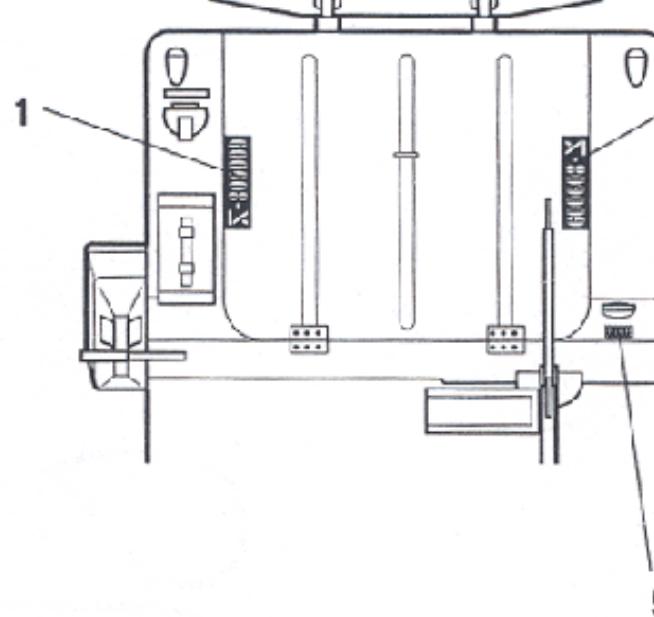
■ Painting & Decal placement 색칠 및 전사지 붙이기

1

BEIRUT, 1982
1982년, 베이루트

Body color : ▼8
차체색

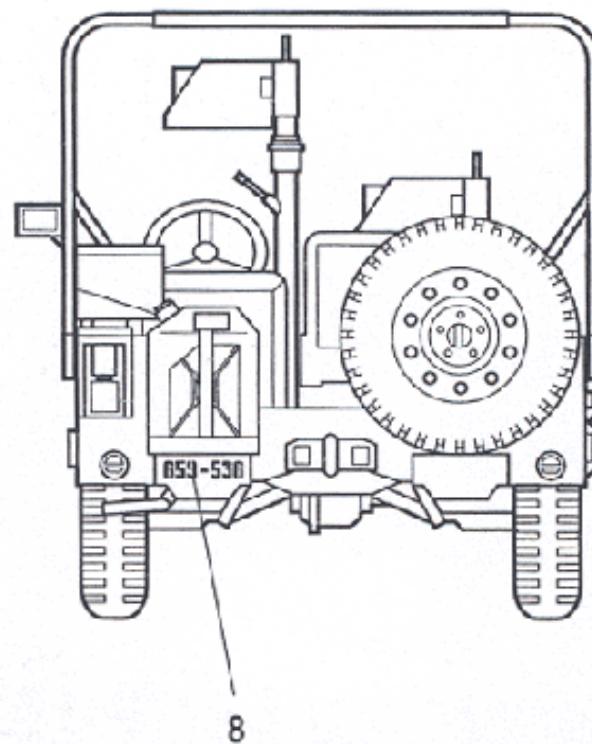
* () is opposite number
()는 반대측번호입니다.



2

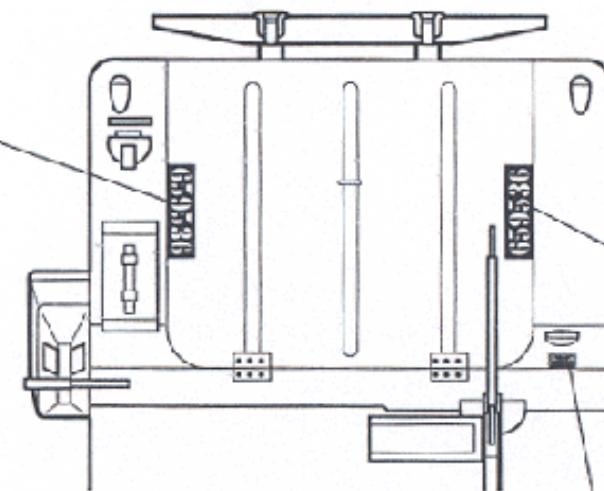
TEL AVIV, 1984
1984년, 텔 아비브

Body color : ▼8
차체색



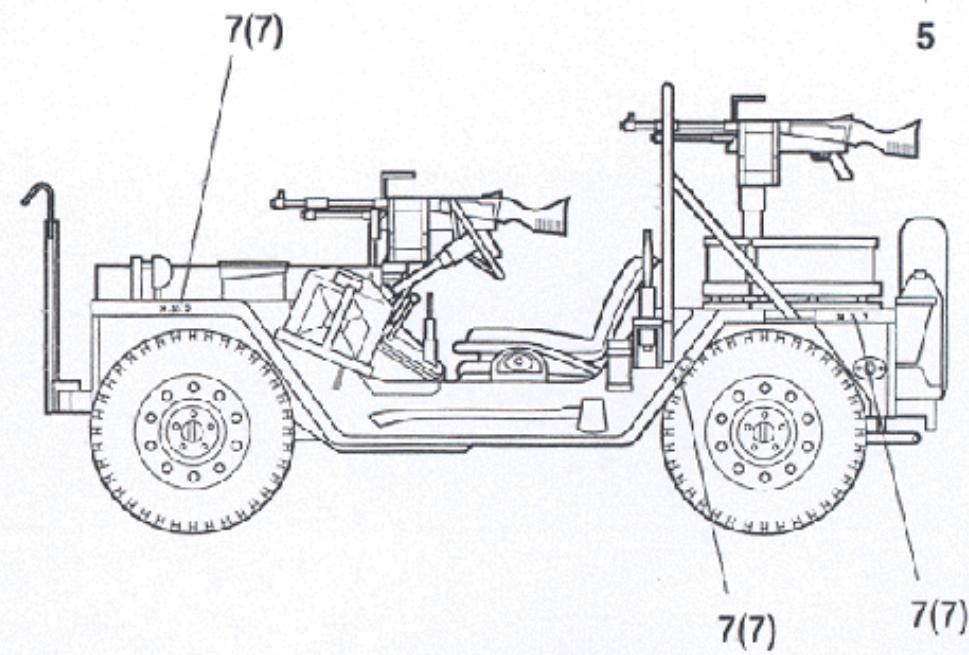
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6



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5



7(7)

7(7)

7