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1:72 SCALE

# RUSSIAN "BAL-E" COASTAL MISSILE SYSTEM MZKT CHASSIS



ITEM NO. UA72030

**Bal-E Coastal missile system with Kh-35E (Kh-35UE) cruise missiles Mission**  
 The Bal-E coastal missile system with Kh-35E (Kh-35UE) cruise missiles is designed to engage enemy surface fighting ships and auxiliaries vessels both single and belonging to Task Forces.  
 The system is used to guard straits and territorial waters, to protect offshore sea lines, naval bases, coastal infrastructure, as well as to defend the coast at amphibious landing threat directions within the missile launch range.

**Features**  
 The fire control can be organized: from the one self-propelled command control and communication post for the single group salvo, from the two self-propelled command control and communication posts for the two simultaneous group salvos, independently from the each launcher.  
 Composition four self-propelled launch vehicles 3S-60E with missile preparation and launch aids, four transport/launch vehicles 3F-60E, self-propelled 3Ts-61E command vehicles equipped control and communications unit, and Mineral-E radar search and designation system.

**Advantages**  
 The missile system boasts high mobility, short deployment and combat readiness time, large missile load and organised salvo launch capability. It provides high combat effectiveness, reliability and comfortable conditions for the crew. Missiles can be launched from positions located at highland sites up to 1,000 m above sea level, with man-made or natural obstacles in the direction of fire. Four self-propelled launchers, with eight missiles on each, providing varied single salvo launch combinations with high total firepower.

**Missile system structure**  
 Active and passive radar channels of the Mineral-E radar system used for target detection, selection (against active and passive interference background), classification, and tracking. Two separate Mineral-E radar systems used for triangulation tasks in the passive radar mode. Control equipment providing optimal target distribution between launchers. Dedicated communications vehicle for fast data reception from higher-echelon command posts and reconnaissance/target designation assets.

**Main characteristics**  
 Active and passive radar channels of the Mineral-E radar system used for target detection, selection (against active and passive interference background), classification, and tracking. Two separate Mineral-E radar systems used for triangulation tasks in the passive radar mode. Control equipment providing optimal target distribution between launchers.

**Dedicated communications vehicle for fast data reception from higher-echelon command posts and reconnaissance/target designation assets. Main characteristics**  
 Surface target detection range by Monolit-B active radar channel, km: antenna at 12 m above sea level, surface duct 100 km in super-refraction up to 250 km. Maximum number of targets to be tracked by active radar 30 km by passive radar, detection mode 5 km by passive radar in targeting mode 10 km.

**Surface target detection range by Monolit-B passive radar channel, km up to 450. Missile range, km from 5 to 170 (1760)\*. Max number of targets simultaneously engaged by one complete salvo 24. Deployment time weapon after march, min no more than 15. \*with Monolit-B, missile 64 (8 in 4 launchers and 8 in transports vehicle each). Max position height of above sea, up to 1000. Distance of launch from coastal line, km up to 10. Crew 11.**

● READ BEFORE ASSEMBLY

1. When you use glue or paint, do not near flame and use in a well-ventilated room.
2. Take extra care in handling photo etch parts in order to avoid injury
3. When you take parts off the runner frame, use modeling scissors and trim excess plastic with a cutter or a file.
4. Glue and paint are not included.
5. This product is only suitable for experienced more than 14 years old.

1. 勿於近火處使用膠水或塗漆，並打開窗戶保持氣流通。
2. 取模件時要特別小心，防止割傷或手打。
3. 從模型中取出零件時，可用小剪剪掉，或用小刀或小銼除去多餘的膠料。
4. 請使用模型膠水塗漆，罐內不空。
5. 本品不適合14歲以下沒有經驗的模型愛好者。

SUPERGLUE 強力膠	WEIGHT 重量	MAKE HOLE 打孔	CUT/REMOVE 切割	FILE 磨平	OPTION 選擇	NO CEMENT 不塗膠水	DECAL 貼紙
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DECAL APPLICATION

1. Cut off decal from sheet.
2. Dip the decal in tepid water 40° C for about 10 sec and place on a clean cloth.
3. Hold the backing sheet edge and slide decal onto the model.
4. Move decal into position by wetting decal with finger.
5. Press decal gently down with a soft cloth until excess water and air bubbles are gone.

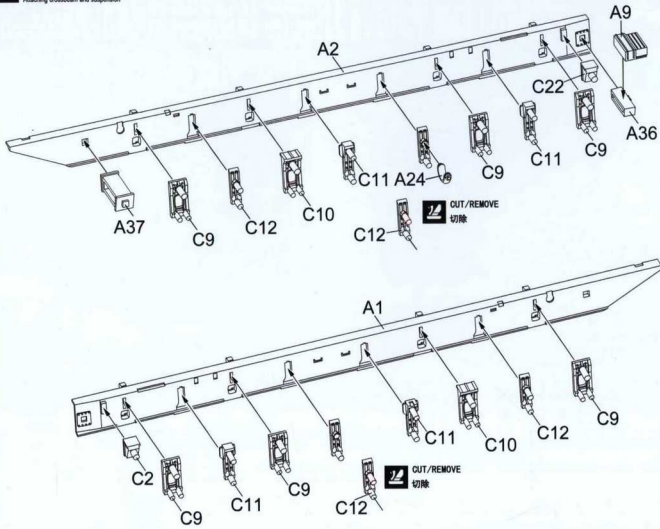
1. 從模型上剪下貼紙。
2. 將貼紙放入40°C水中約10秒，然後放在乾淨布上。
3. 拿著貼紙底紙邊緣，將貼紙滑到模型上。
4. 手指蘸水將貼紙移到適當的位置。
5. 用軟布輕壓貼紙直至不干，汽泡消失。

Parts

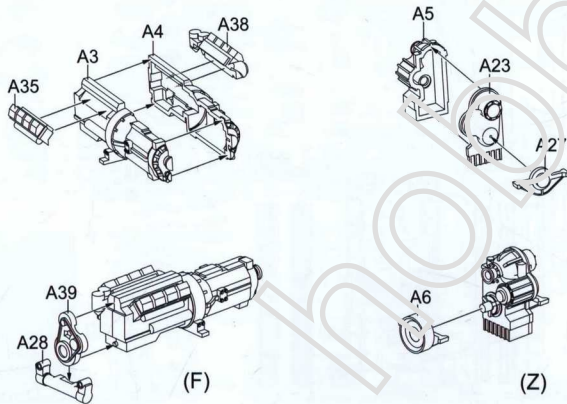
The parts list includes:

- Launchers: X \* 2
- Radar systems: X \* 2
- Communication vehicles: X \* 2
- Control equipment: X \* 2
- Decals: X \* 8
- Decal sheet: X \* 1

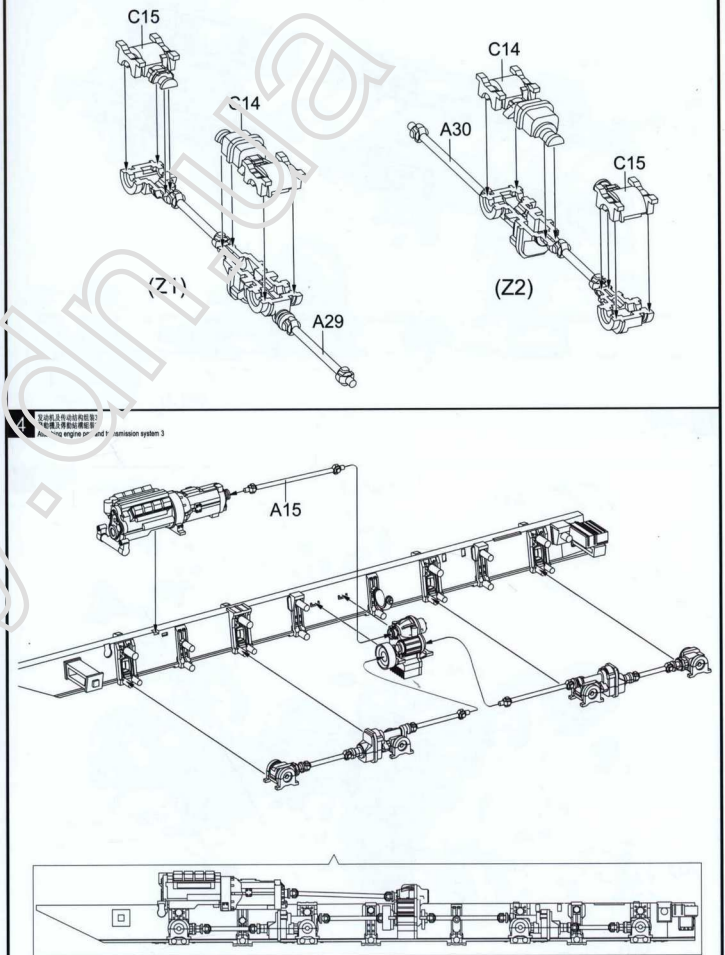
1 安裝大梁及懸吊系統組件  
 Installing crossbeam and suspension

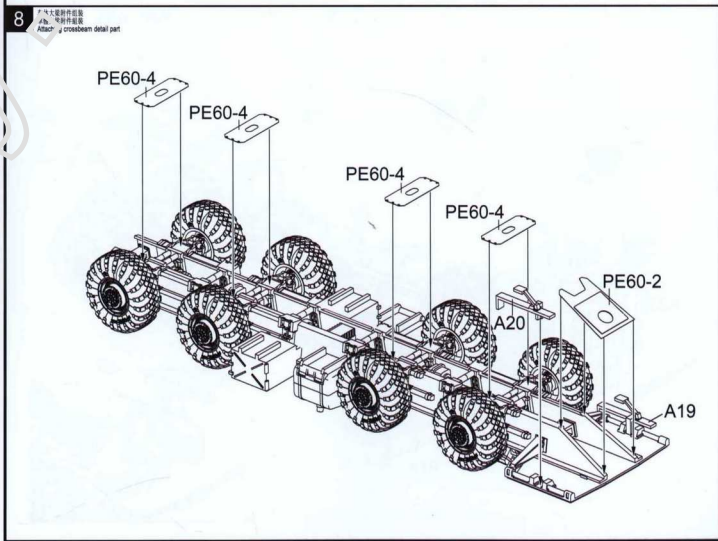
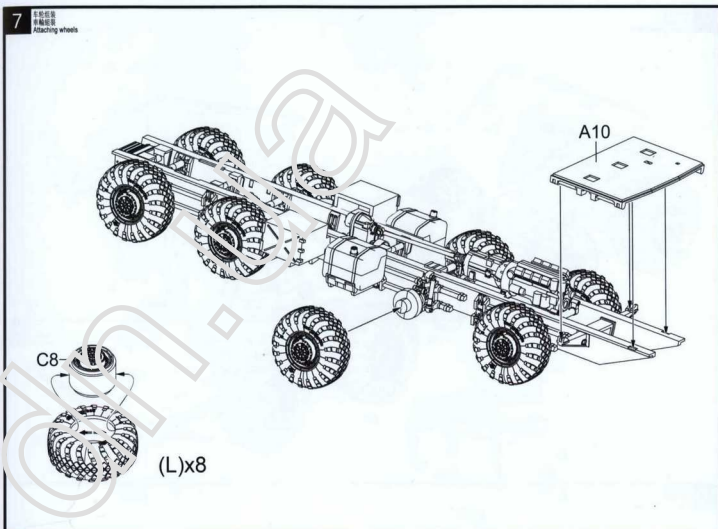
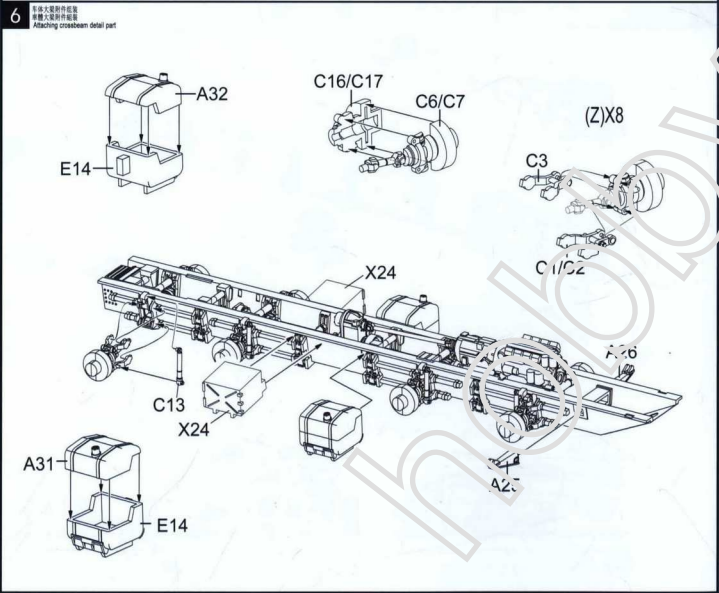
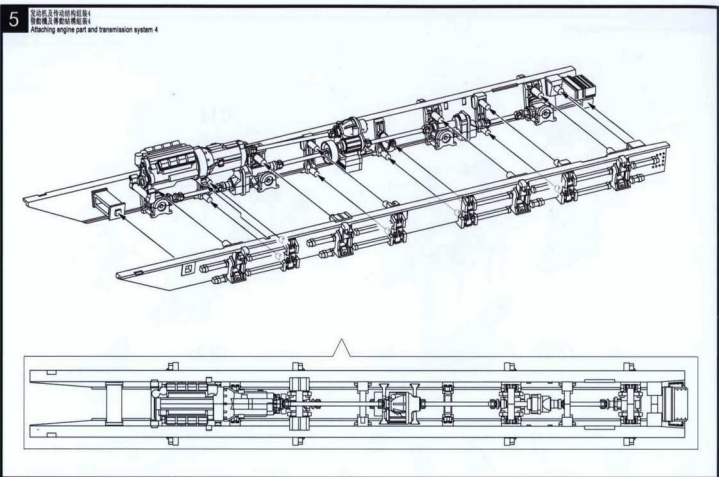


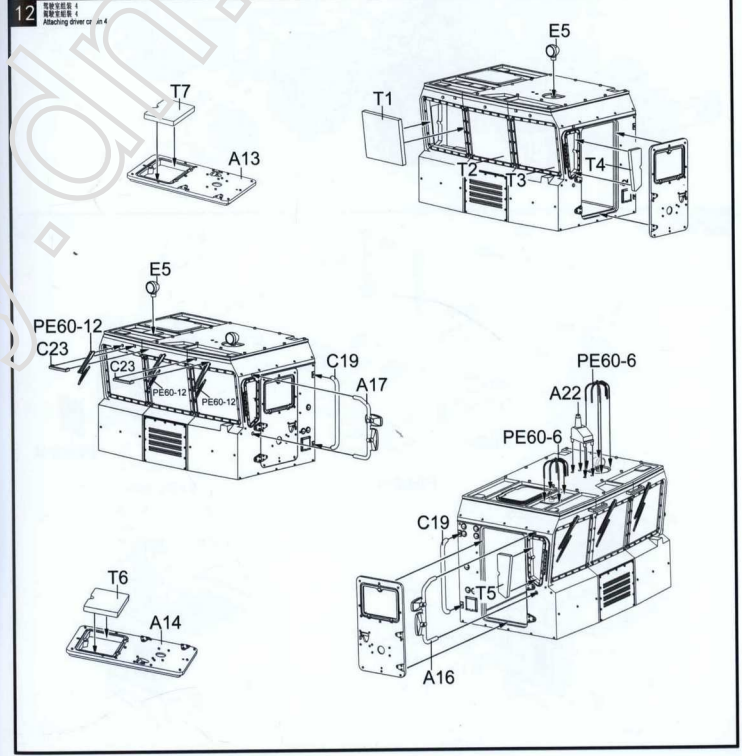
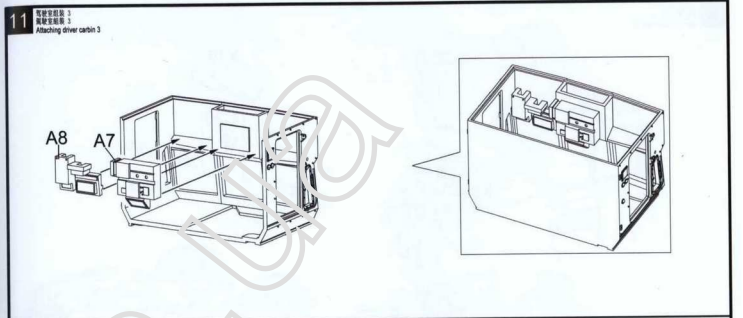
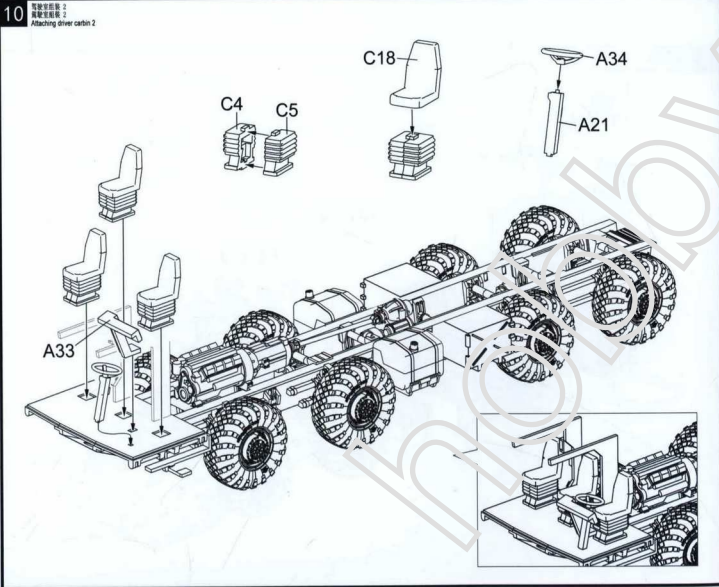
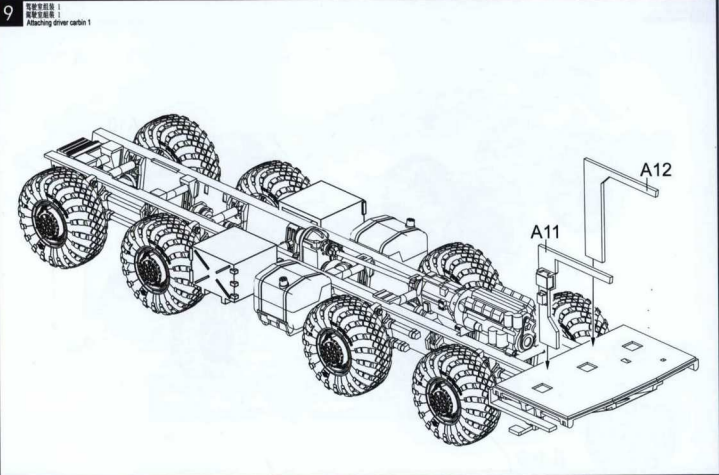
2 安裝引擎及傳動系統組件  
 Installing engine part and transmission system 1



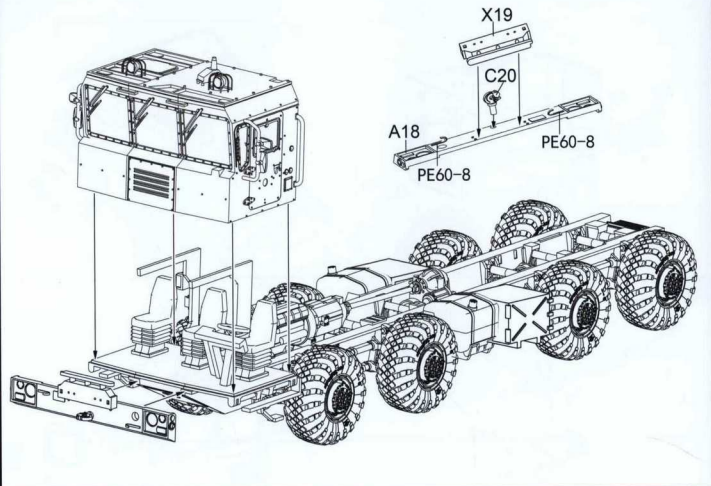
3 安裝引擎及傳動系統組件  
 Installing engine part and transmission system 2



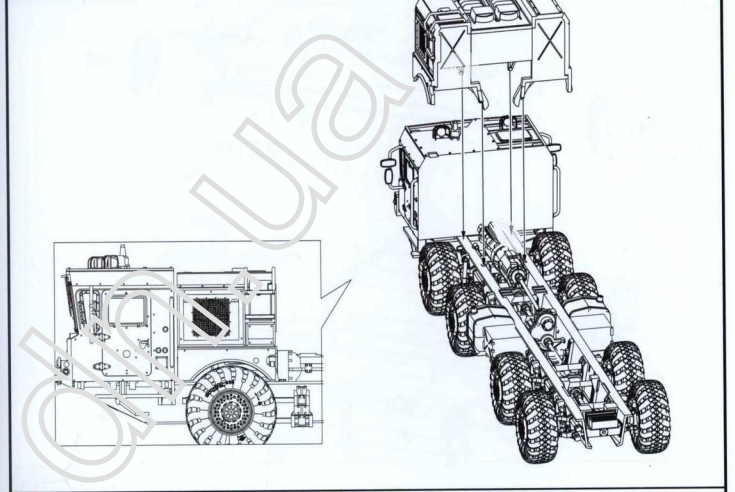




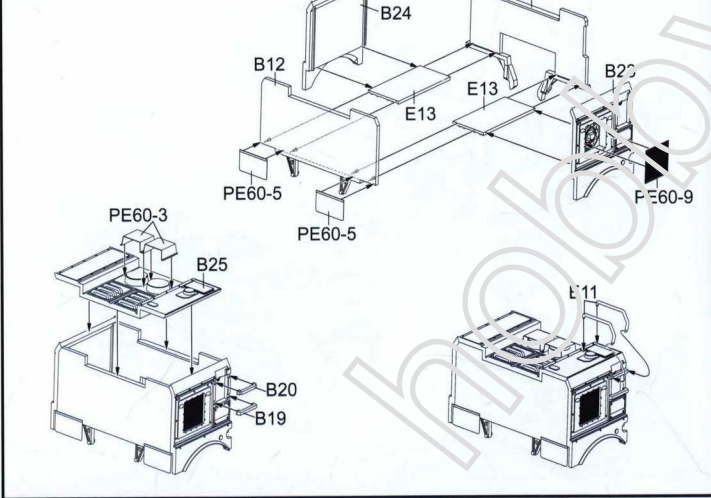
13 步骤 13  
安装驾驶员座椅 5



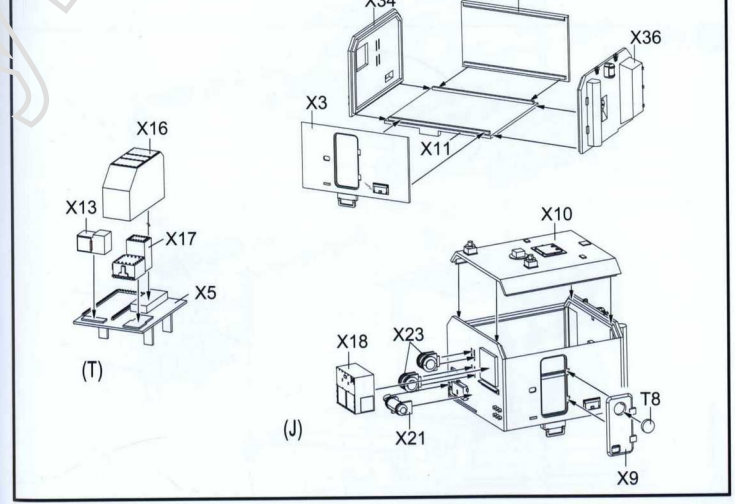
15 步骤 15  
安装驾驶员座椅 7



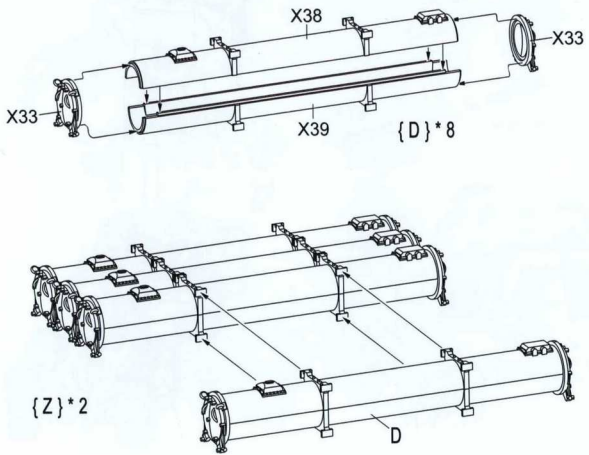
14 步骤 14  
安装驾驶员座椅 6



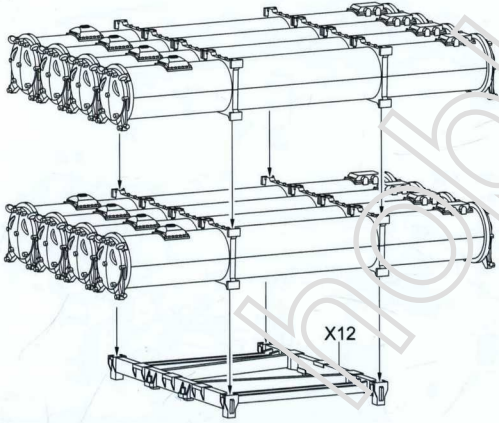
16 步骤 16  
安装导弹发射器 7



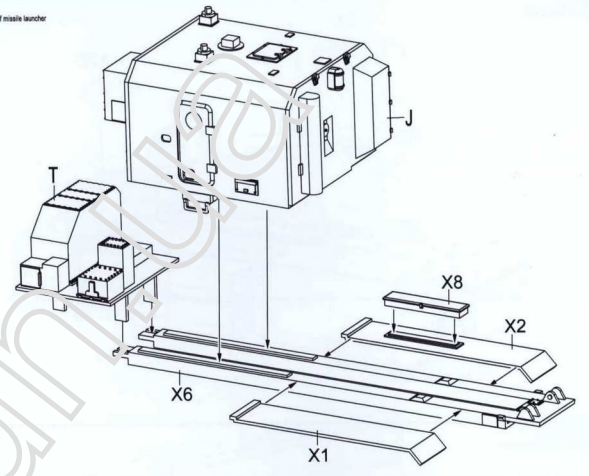
17 步骤 17  
 安装发射器 1  
 Attaching the missile launcher 1



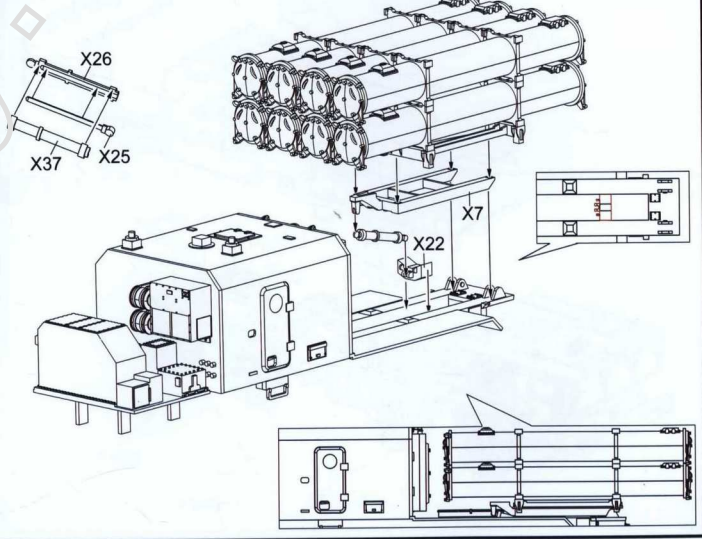
18 步骤 18  
 安装发射器 2  
 Attaching the missile launcher 2



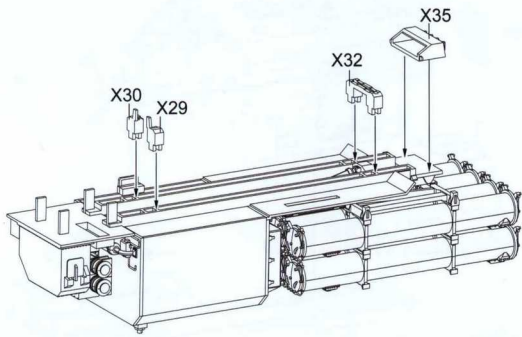
19 步骤 19  
 安装发射器 3  
 Attaching the section of missile launcher



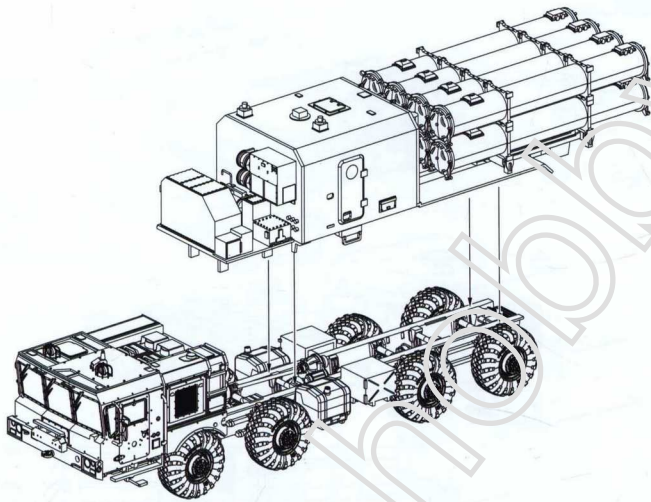
20 步骤 20  
 安装发射器 3  
 Attaching the missile launcher 3



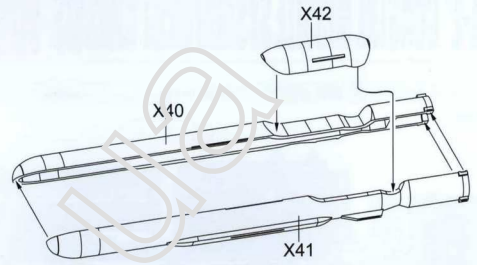
21 步骤 21-1  
安装发射器 4  
Attaching the missile launcher 4



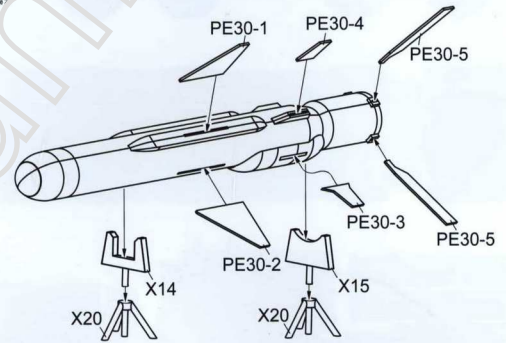
22 步骤 22-1  
将发射器安装在卡车上  
Attaching the missile launcher to the truck



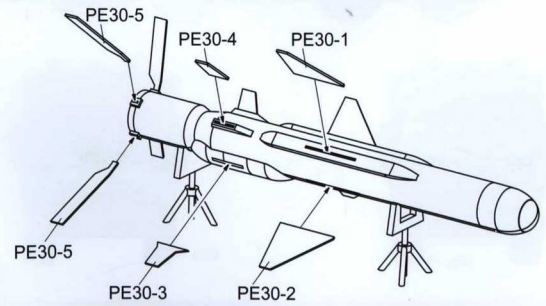
23 步骤 23-1  
安装 KH-35 导弹 1  
Attaching the KH-35 missile 1



24 步骤 24-1  
安装 KH-35 导弹 2  
Attaching the KH-35 missile 2



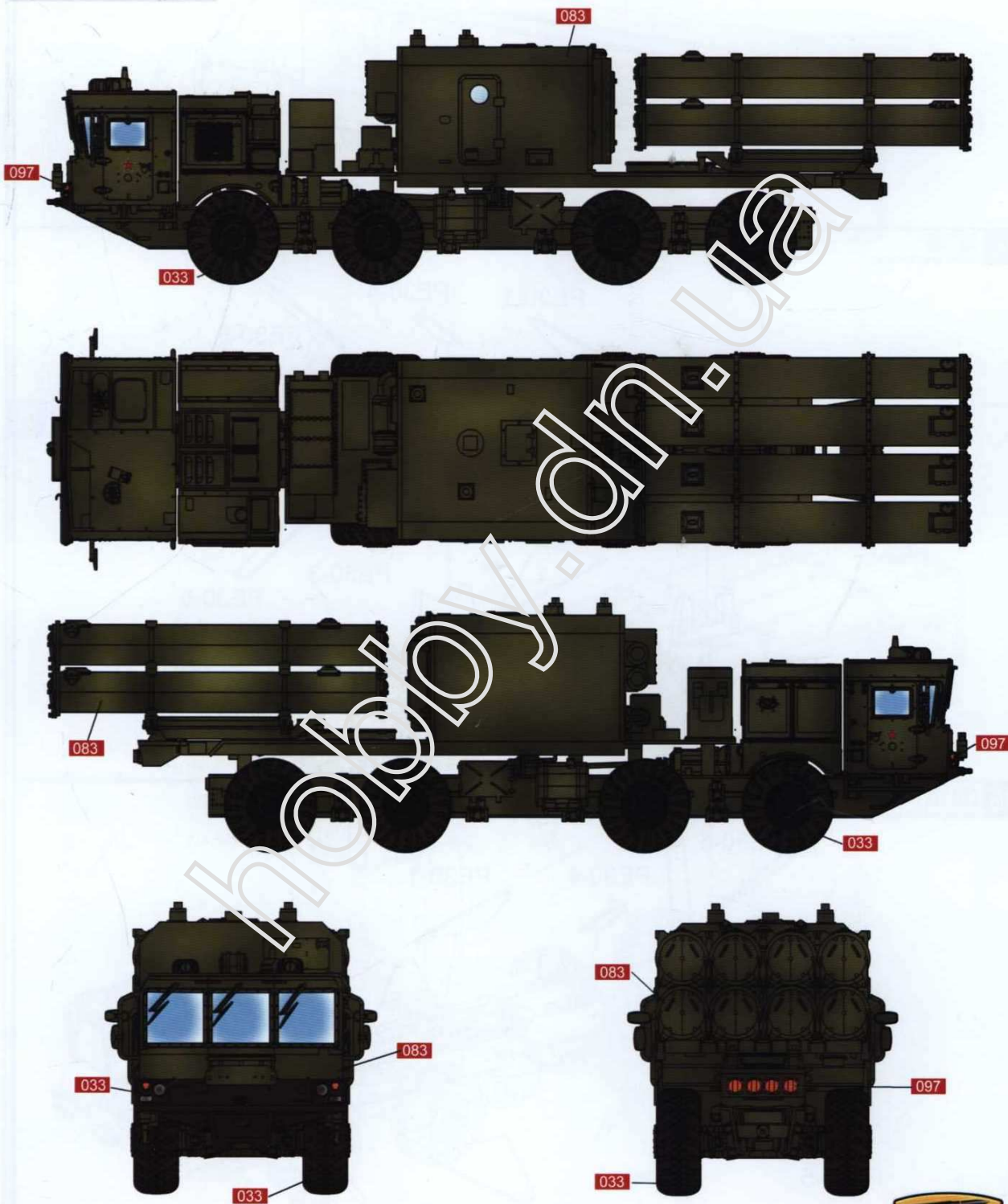
25 步骤 25-1  
安装 KH-35 导弹 3  
Attaching the KH-35 missile 3



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A.MIG 033 Rubber & Tires    A.MIG 097 Crystal Orange    A.MIG 083 ZASHCHITNIY ZELENO    A.MIG 057 Yellow Grey    A.MIG 047 Satin White    A.MIG 0191 Steel  
A.MIG 187 JET EXHAUST BURNT IRON



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Color info and profiles by

