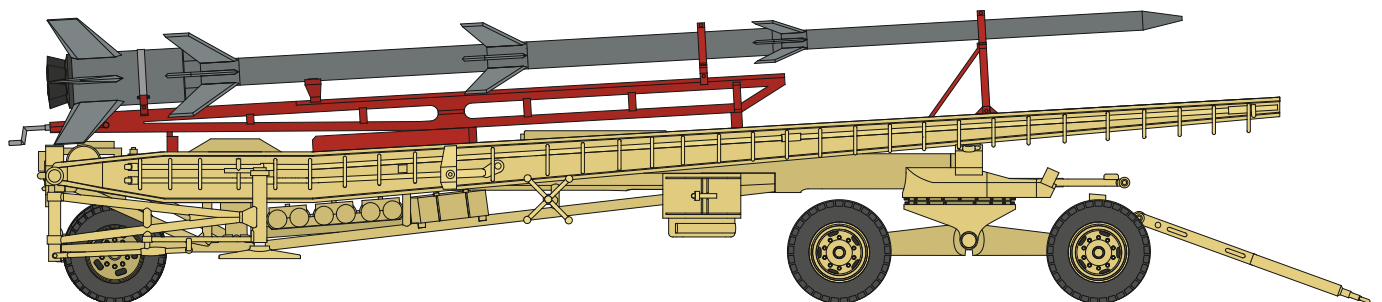




## Rheinbote

### ‘German WWII tactical ground to ground V4 Rocket with Launcher’

1/72

#### CZ

Během druhé světové války bylo v Německu vyvinuto mnoho pozoruhodných zbraní. Jednou z nich byla i čtyřstupňová taktická střela země-země, s motory na pevné palivo, pojmenovaná Rheinbote. Vyvinuli ji ve firmě Rheinmetall-Borsig týmem, který vedli tech. ředitel Klein a dr. Vüllers. Vývoj probíhal od roku 1941 do roku 1944. Za Wehrmacht práce koordinoval Oberstleutnant Alfred Tröller. Raketa byla vyrobena z ocelového plechu, průměr jednotlivých stupňů se zmenšoval od prvního ke čtvrtému stupni. Ten nesl výbušnou hlavici o váze 40 kg. Ovšem samotné výbušniny bylo jen 20 kg. Původně se měla raketa odpalovat z upravené lafety Flaku ráže 88 mm, nakonec byl použit upravený přepravník Meilerwagen. Dolet rakety byl až 200 km. Sériová výroba, schválená gen. Kammlerem, se rozeběhla na podzim 1944. Bylo objednáno 300 ks, později byly objednávky zvýšena na celých 1000 ks raket. Vojenské označení bylo Rh-Z-61/9 a krycí Rheinbote. Do konce války se podařilo vyrobit jen asi 220 ks. Rakety testovala zkušební jednotka Versuchskommando Tröller. Ta byla transformována do jediné bojové jednotky Artillerie Abteilung 709. Tu stále vedl Oberstleutnant Alfred Tröller. Abteilung se sestával ze štábu, zásobovací čety, měřicí a výpočetní čety a dvou raketových baterií. Každá baterie se sestávala ze čtyř odpalovacích vozidel Meilerwagen a tahačů Sd.Kfz 8. Do boje byla nasazena 24. prosince 1944 u nizozemského Nuspeetu, kdy odpálila 24 raket na Antverpy. V boji pokračovala a do konce války vypálila více než 200 střel. Vzhledem k tomu, že Oberstleutnant Alfred Tröller a jeho muži neznali přesná místa dopadů, většina střel přeletěla cíl. Gen. Kammler vývoj Rheinbotu zastavil v únoru 1944, protože bylo jasné, že s koncem války již nemá smysl. Někteří historici uvádí, že vedle letounové střely V-1, rakety V-2 a dalekonosného děla s reaktivními náboji V-3 se Rheinbote řadí mezi Vergeltungswaffe, s označením V-4. Jednu raketu, v lehce nekompletním stavu, vystavuje museum RAF v britském Cosfordu.

délka: 11,4 m, hmotnost 1700 kg, dolet 230 km, hlavice 40 kg, z toho 20 kg výbušnin

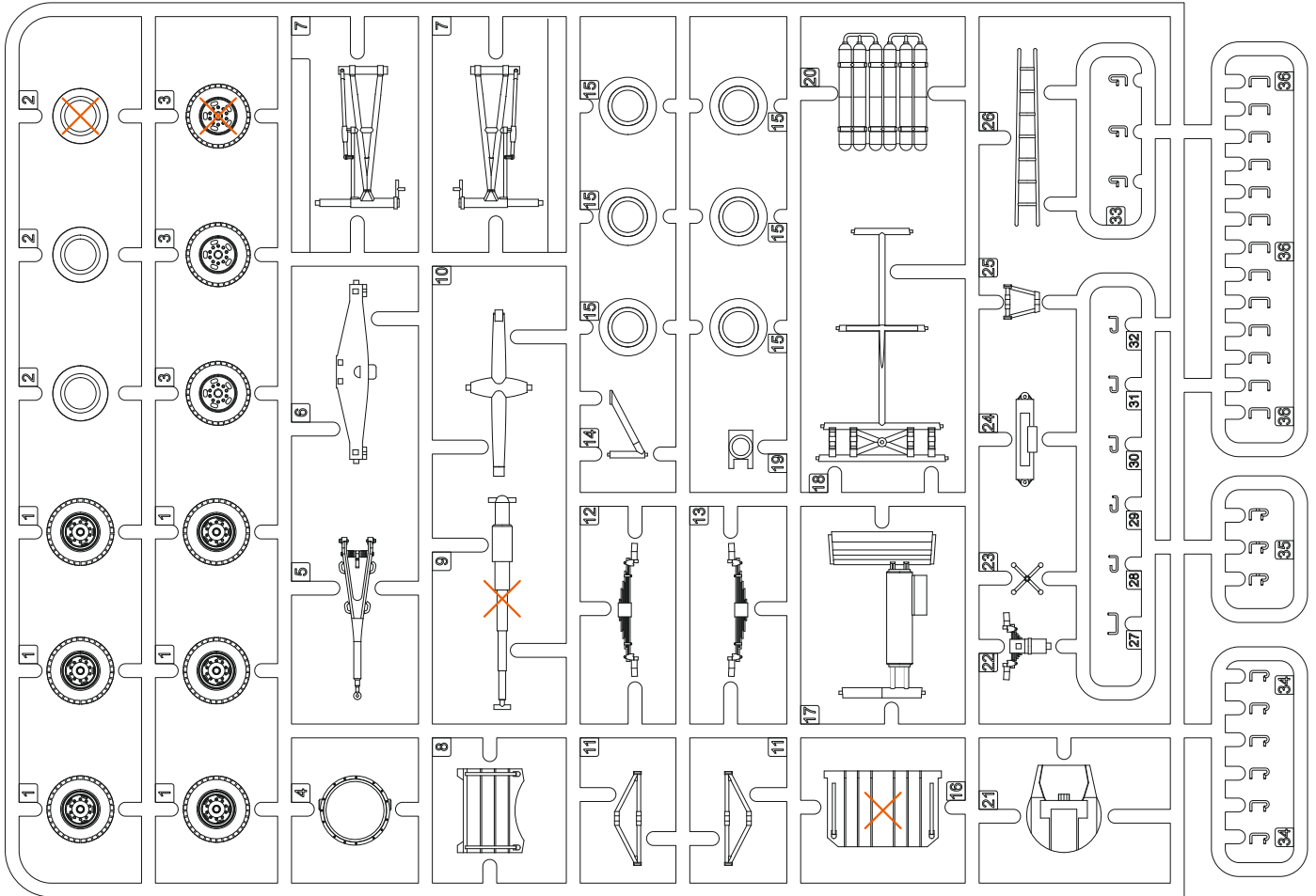
#### EN

During World War II, many remarkable weapons were developed in Germany. One of them was a four-stage tactical surface-to-surface missile with solid-fuel engines, called the Rheinbote. It was developed at Rheinmetall-Borsig by a team led by technical director Klein and Dr. Vüllers. Development took place from 1941 to 1944. For the Wehrmacht, the work was coordinated by Oberstleutnant Alfred Tröller. The rocket was made of sheet steel, the diameter of the individual stages decreased from the first to the fourth stage. It carried an explosive warhead weighing 40 kg. However, there was only 20 kg of explosives itself. Originally, the rocket was to be launched from a modified 88 mm Flak gun mount, but in the end a modified Meilerwagen carrier was used. The rocket's range was up to 200 km. Serial production, approved by Gen. Kammler, began in the autumn of 1944. The initial order of 300 pieces was later increased to 1000 pieces. The military designation was Rh-Z-61/9 and the code name was Rheinbote. Only about 220 were produced by the end of the war. The rockets were tested by the Versuchskommando Tröller test unit. This was transformed into a single combat unit, Artillerie Abteilung 709. It was still led by Oberstleutnant Alfred Tröller. The Abteilung consisted of a staff, a supply platoon, a measuring and computing platoon, and two rocket batteries. Each battery consisted of four Meilerwagen launchers and Sd.Kfz 8 tractors. It entered combat on December 24, 1944, near Nuspeet, Netherlands, when it fired 24 rockets at Antwerp. It continued to fight and fired more than 200 missiles by the end of the war. Since Oberstleutnant Alfred Tröller and his men did not know the exact impact locations, most of the missiles missed their target. Gen. Kammler stopped the development of the Rheinbot in February 1944, as it was clear that it was no longer useful with the end of the war. Some historians state that, alongside the V-1 aircraft missile, the V-2 rocket and the V-3 long-range cannon with reactive shells, the Rheinbote ranks among the Vergeltungswaffe, designated V-4. One of the rockets, albeit not fully complete, can be seen at the RAF museum in Cosford (UK).

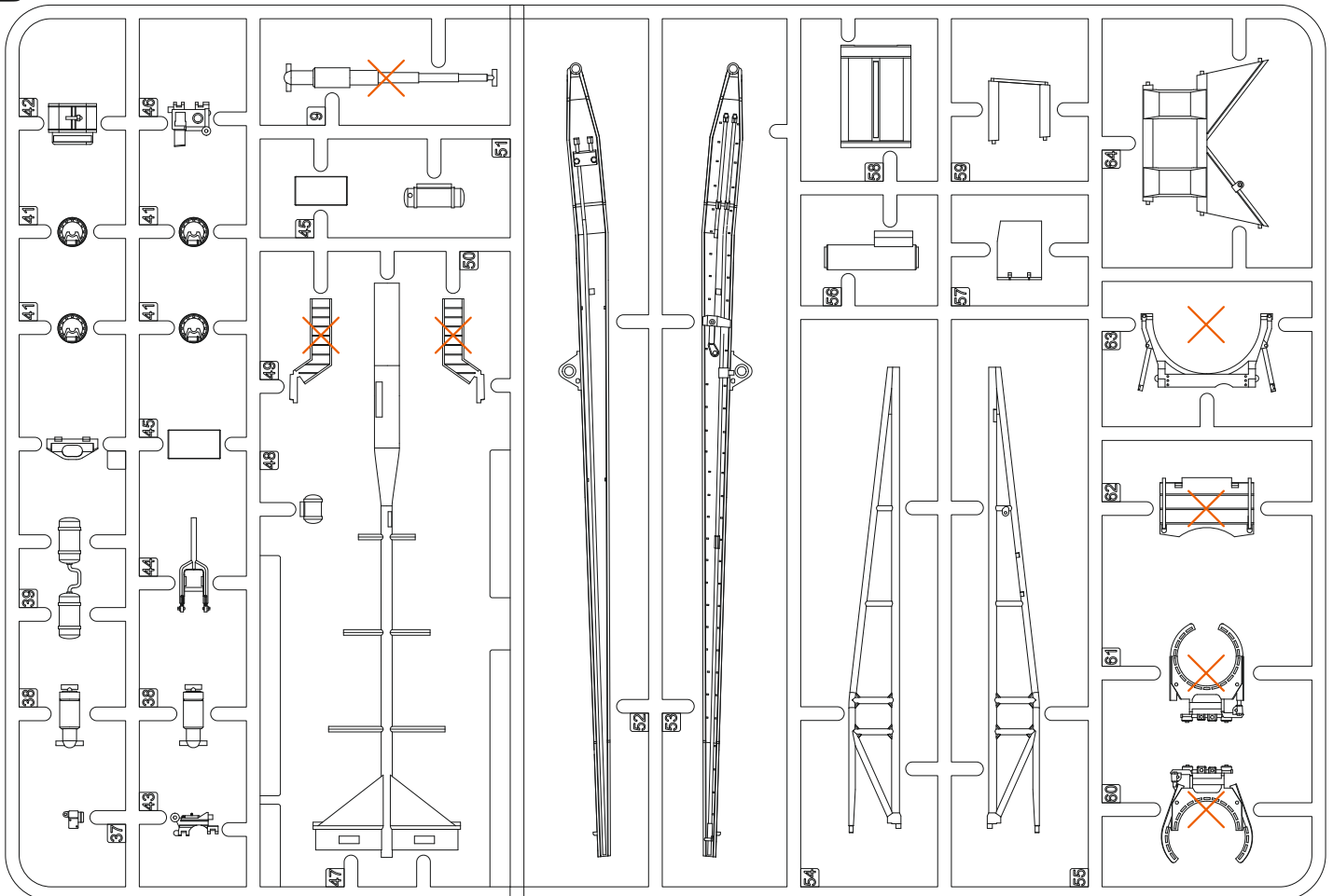
Length: 11,4 m, weight 1700 kg, range 230 km, head 40 kg, explosives making up 20 kg

# Plastic Parts

A

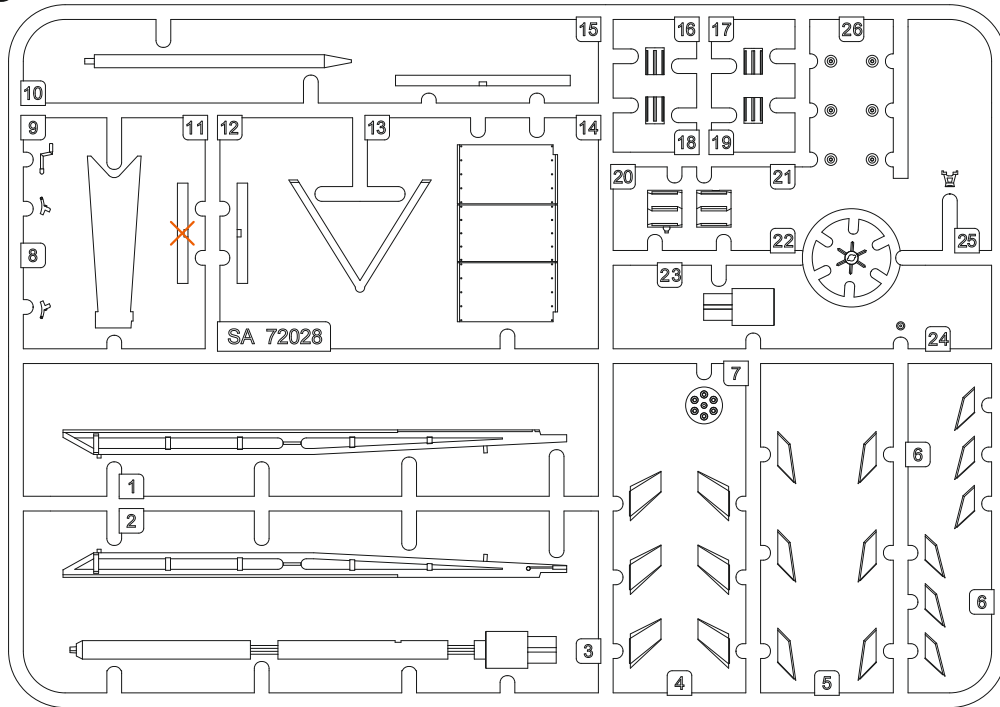


B

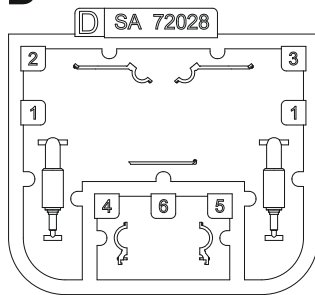


## Plastic Parts

C



D

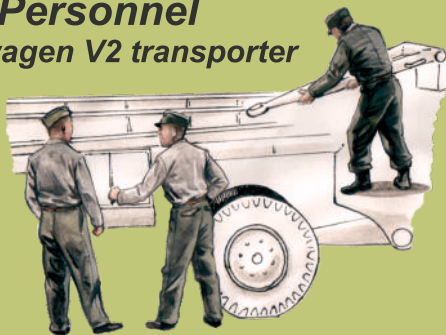


✗ Tento díl nepoužít  
Do Not Use This Part

Special Hobby offers for Meillerwagen V2 transporter kit and Rheinbote kit resin cast CMK Figures **F72304** German Personnel for Meillerwagen V2 transporter and resin set **B72100** Meillerwagen V2 transporter Wheels as well.

**F72304**

**German Personnel**  
for Meillerwagen V2 transporter



**B72100**  
**Meillerwagen**  
"V2 Transporter"



**Barvy GUNZE/ GUNZE Colour No.**

Tmavá žlutá / Dark Yellow RAL 7028

H79 / C39

Černá / Black

H12 / C33

Polní šedá Panzergrau / Fiedl Grey

H32 / C40

Stříbrná / Aluminium

H8 / C8

Barva pneu / Tire Black

H77 / C137

Ocelová / Steel

H18 / C28

### SYMBOLS



MOŽNOST VOLBY  
OPTIONAL  
NACH BELIEBEN  
OPTION



POUŽÍT KYANOAKRYLÁTOVÉ LEPIDLO  
INSTANT CYANOACRYLATE GLUE  
ZYANOAKRYLÁTKLEBER  
COLLE CYANOACRYLAT



OHNOUT  
BEND  
BIEGEN  
COURBER



ZHOTOVIT NOVÉ  
SCRATCH BUILD  
FERTIGSTELLEN  
ACHEVER



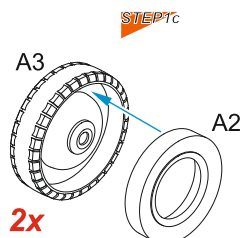
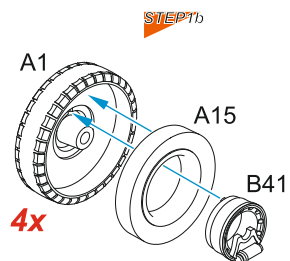
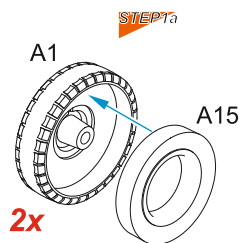
ŘEZAT/VRTAT  
CUT OFF/DRILL  
ENTFERNEN  
DETACHER

GSI  
colour code

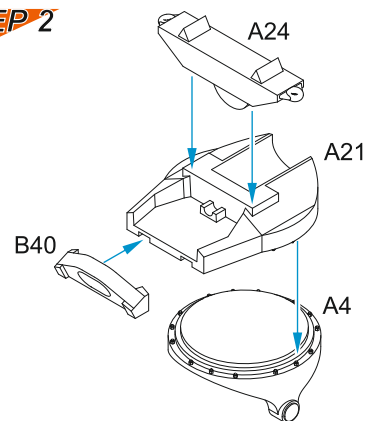


NATŘÍT  
COLOUR  
FARBEN  
PEINDRE

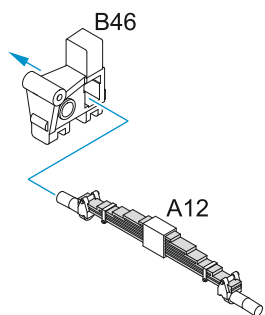
## STEP 1



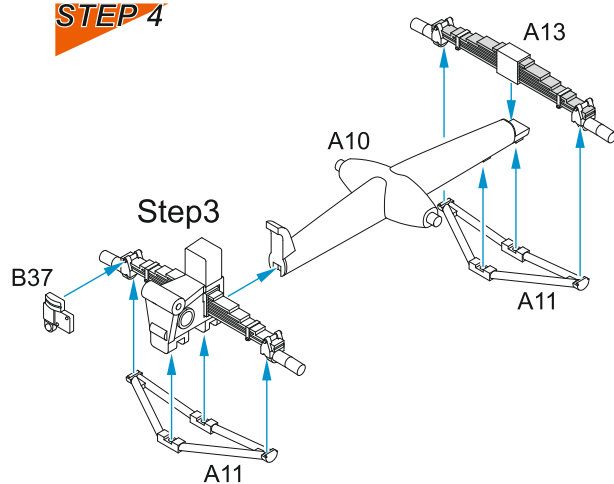
## STEP 2



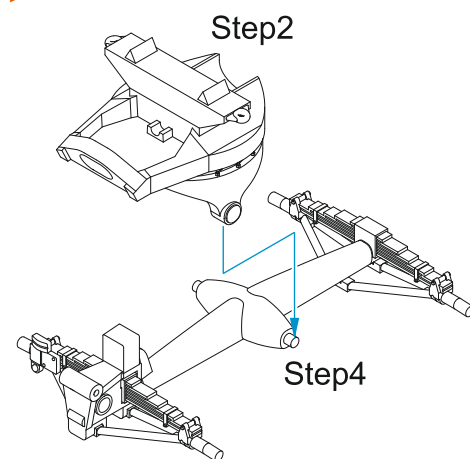
## STEP 3



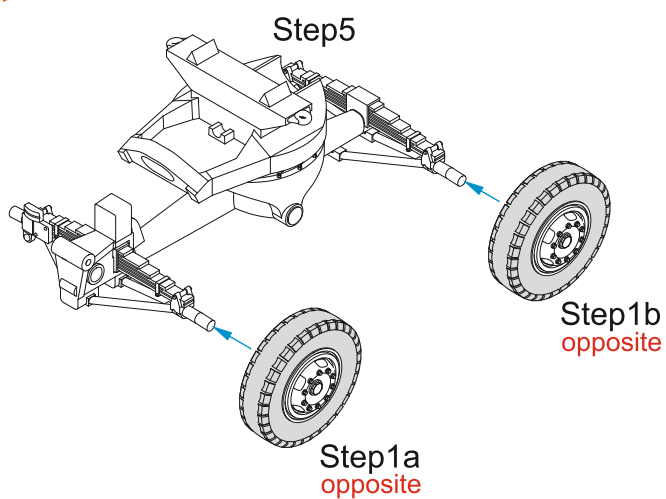
## STEP 4



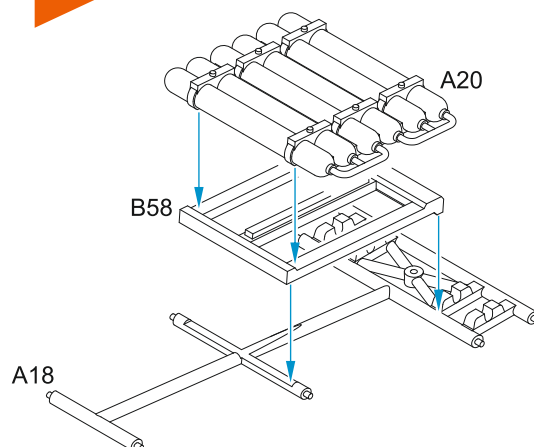
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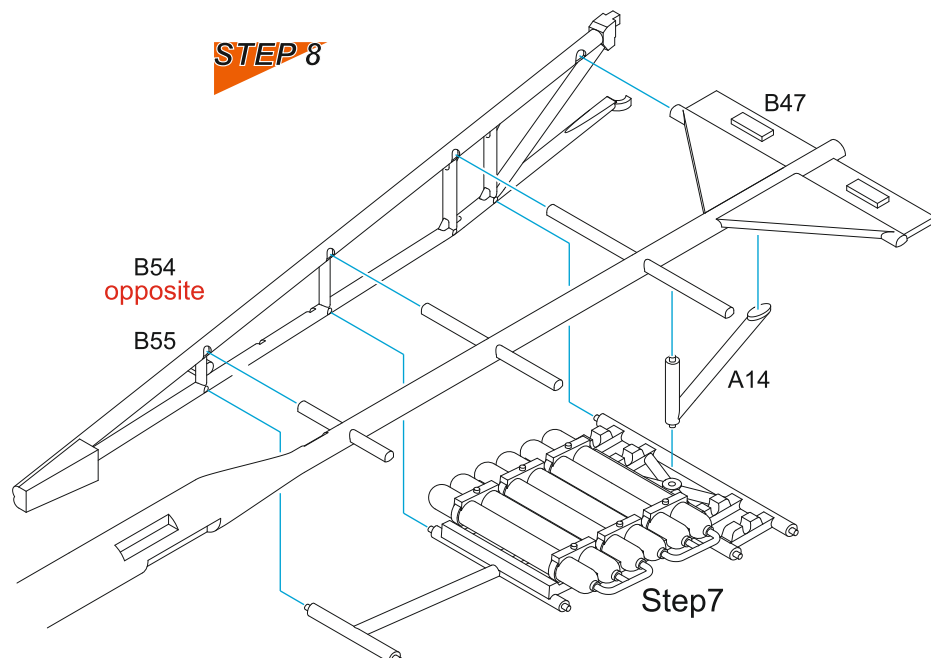
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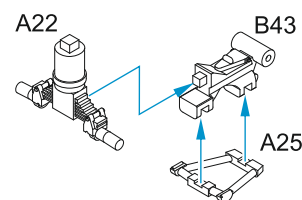
## STEP 7



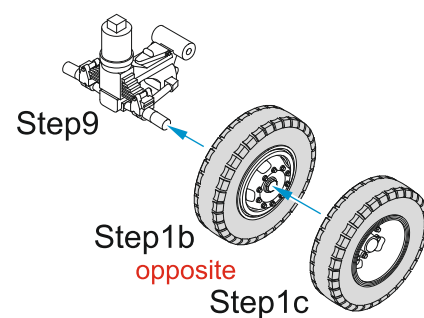
## STEP 8



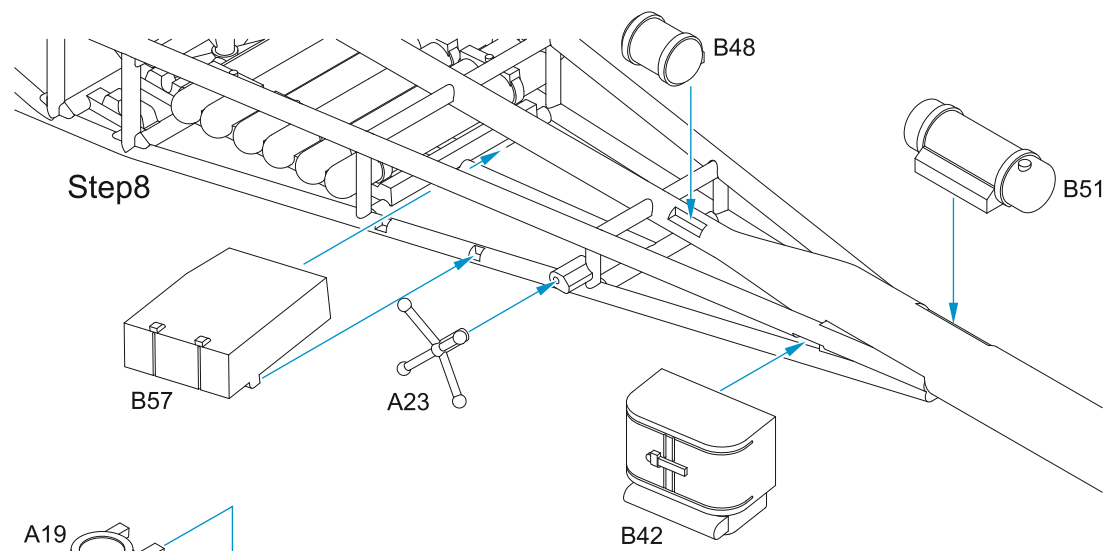
## STEP 9



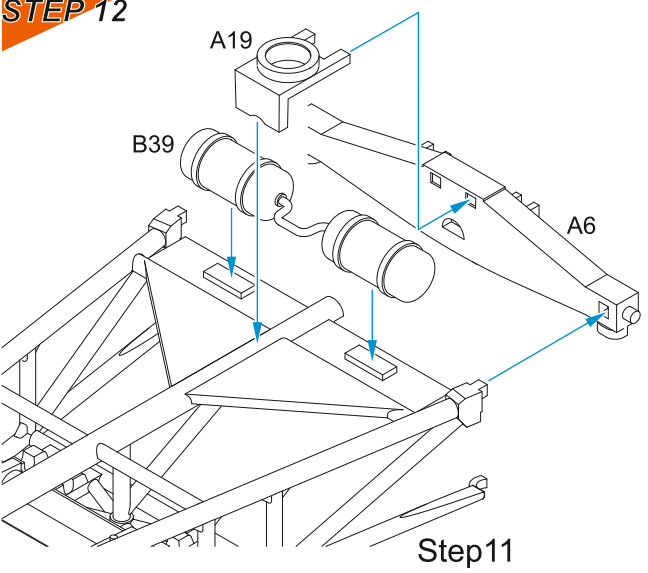
## STEP 10



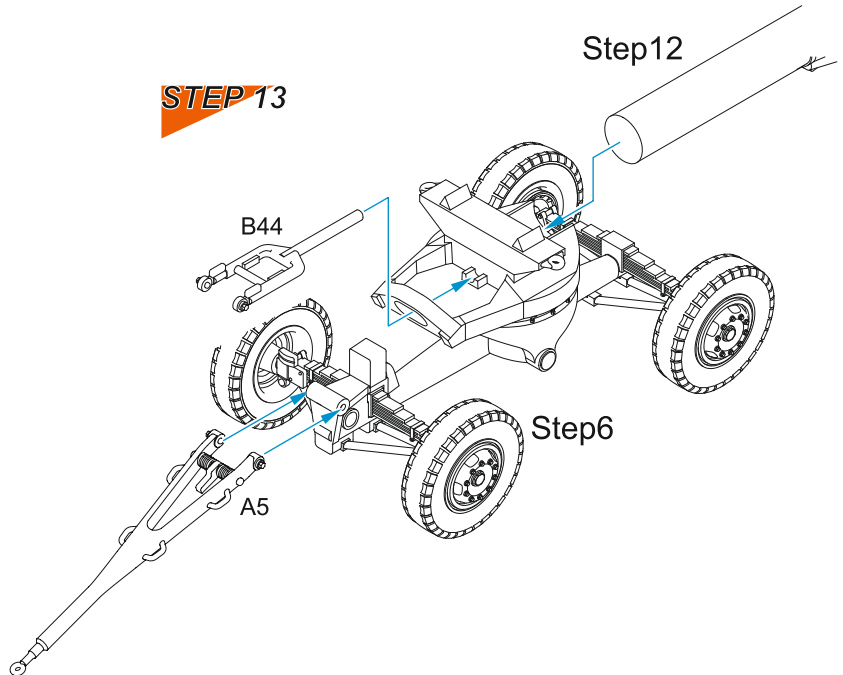
STEP 11



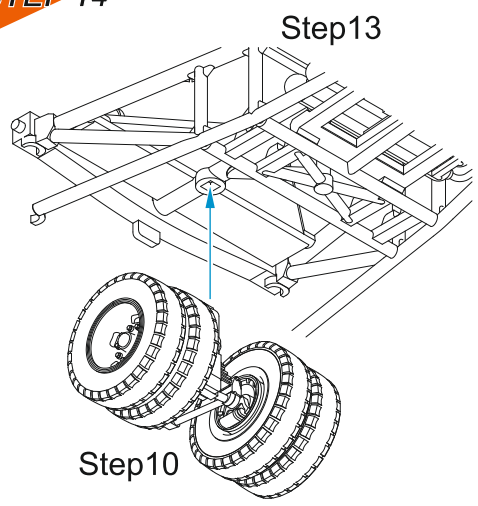
STEP 12



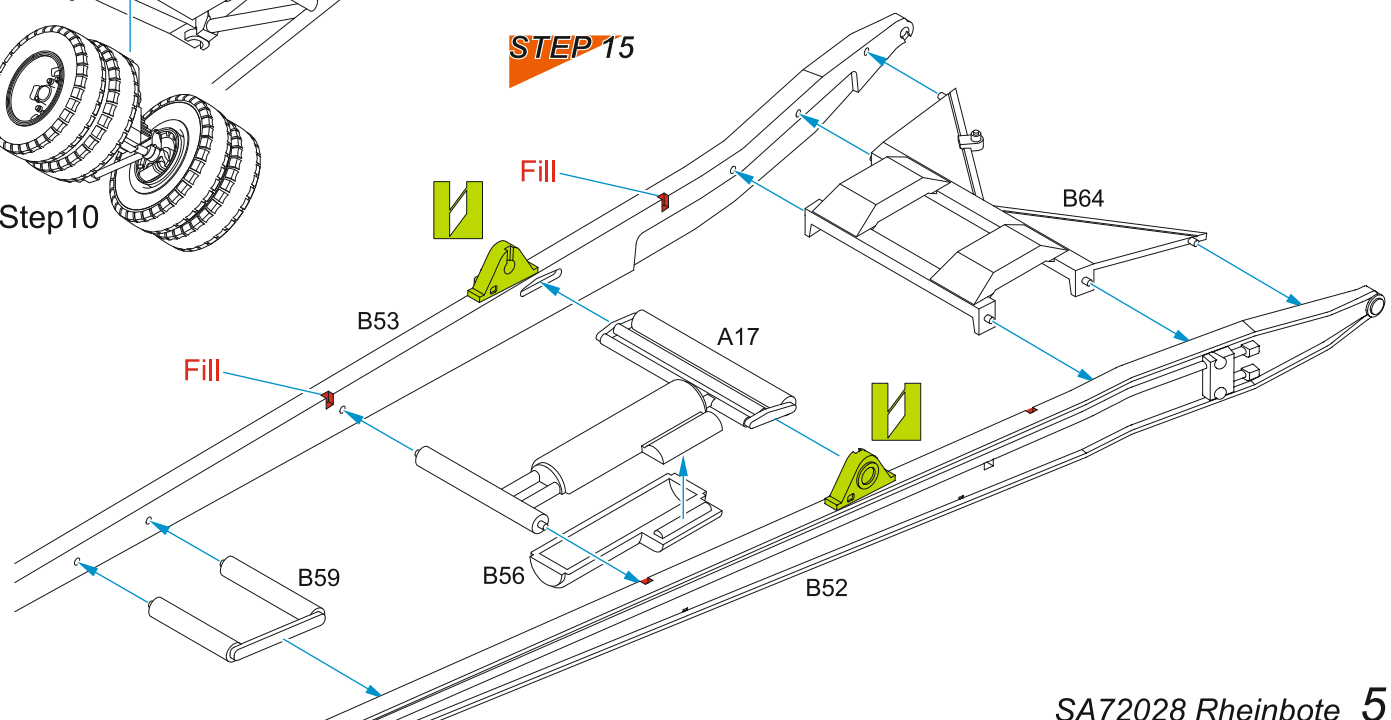
STEP 13



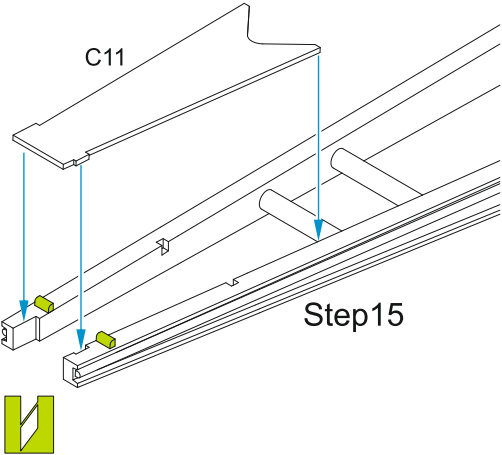
STEP 14



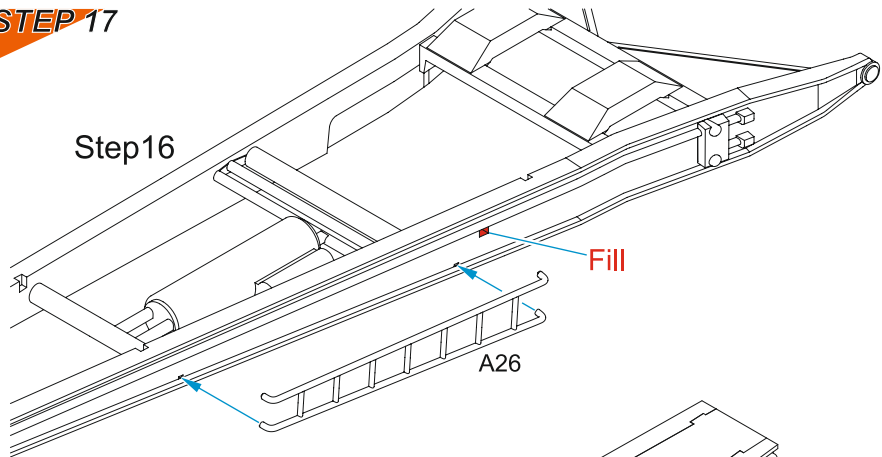
STEP 15



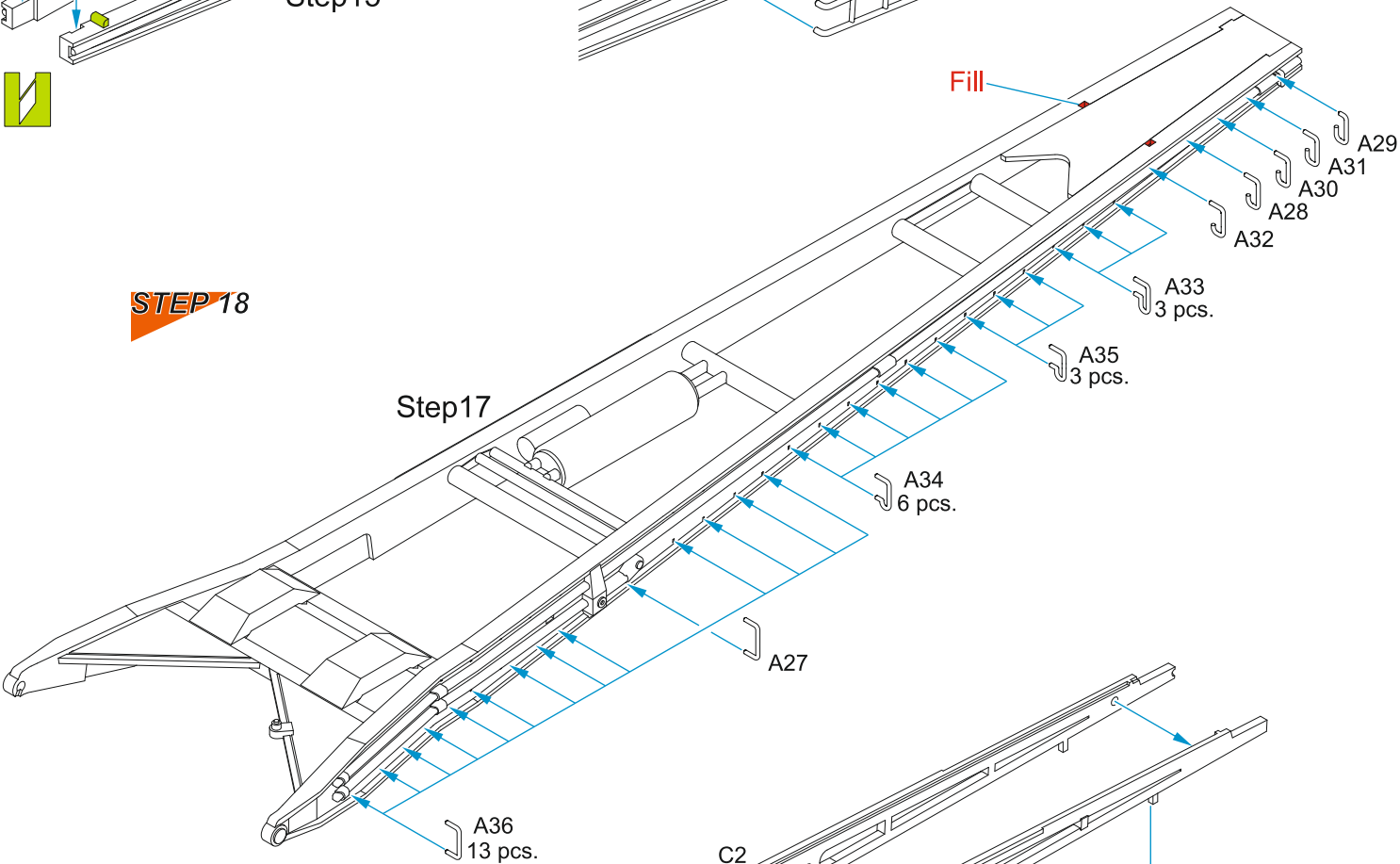
**STEP 16**



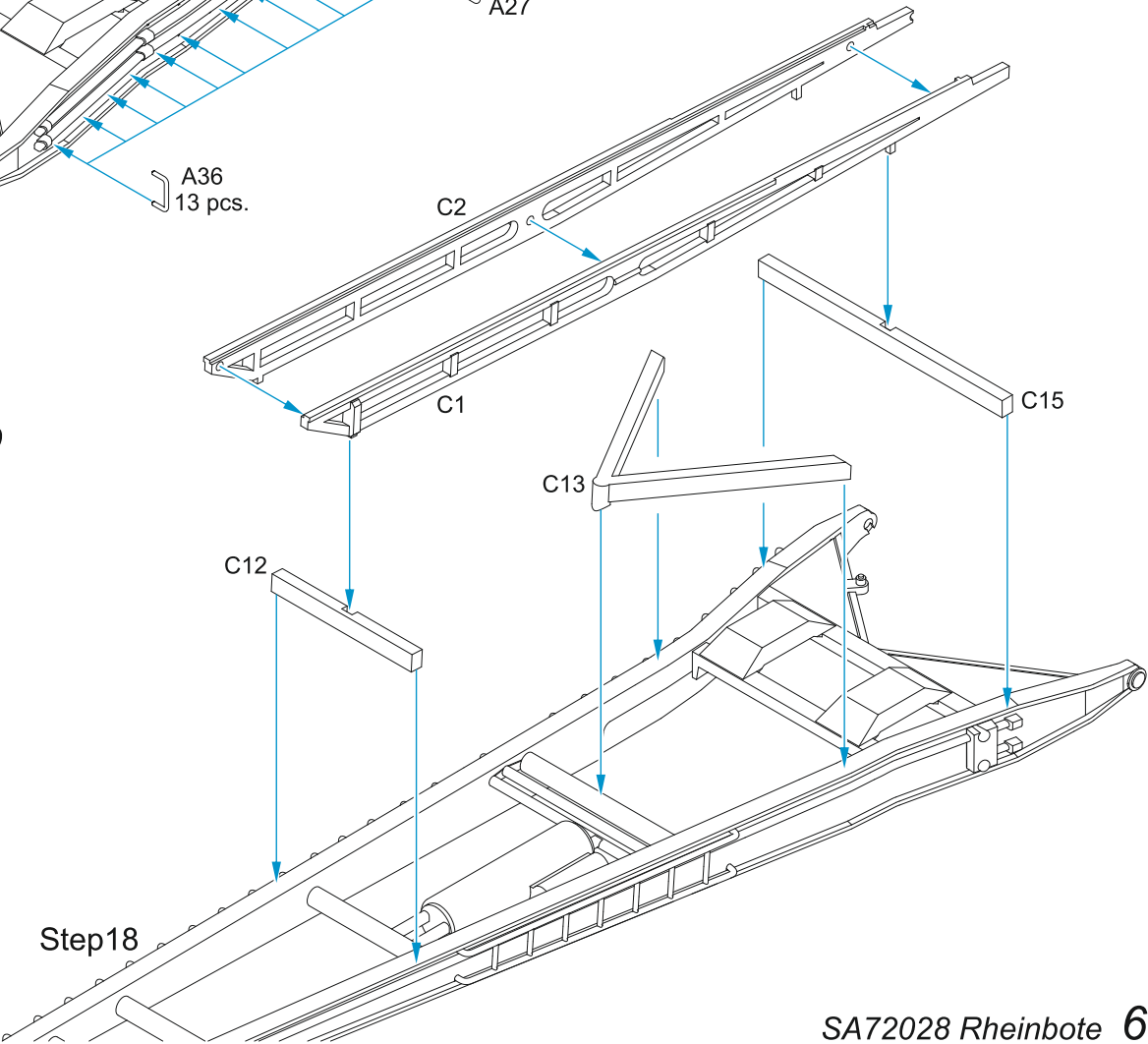
**STEP 17**



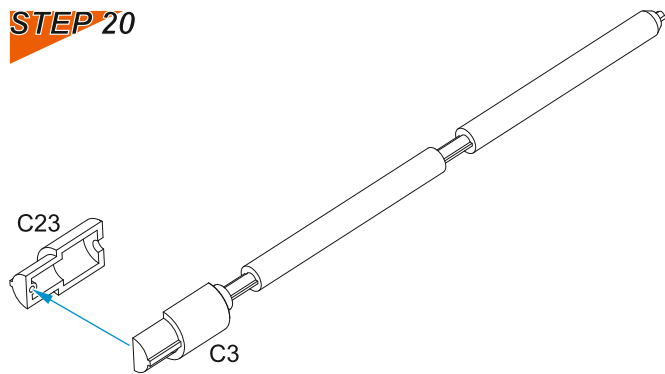
**STEP 18**



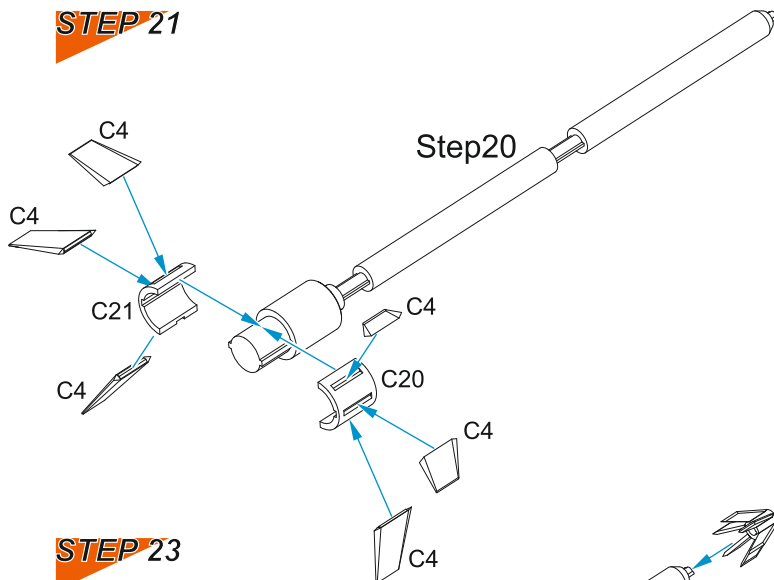
**STEP 19**



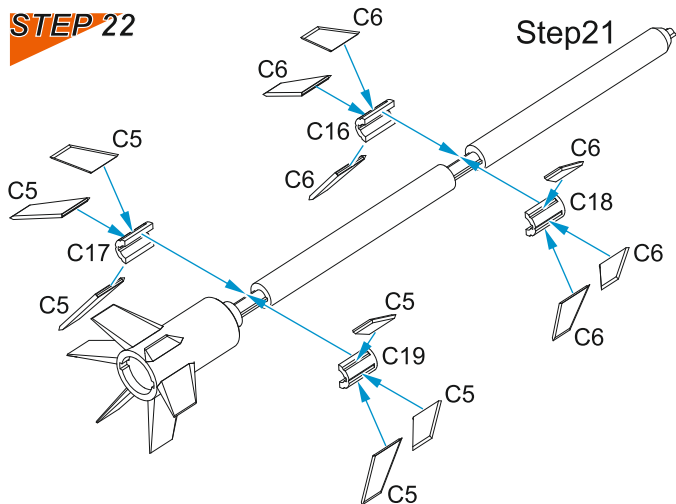
## STEP 20



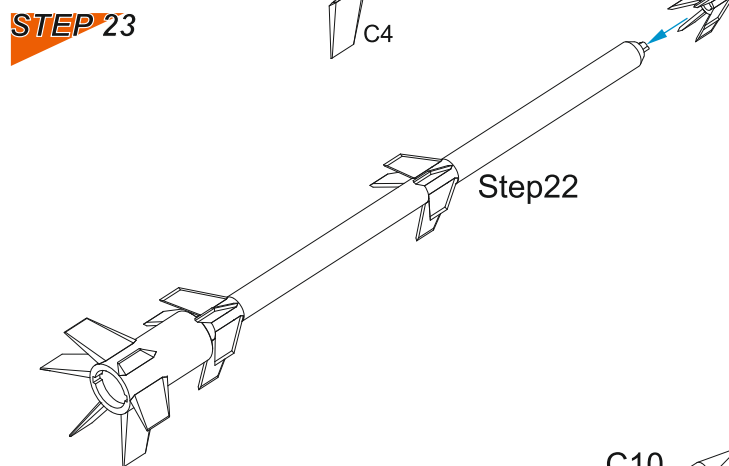
## STEP 21



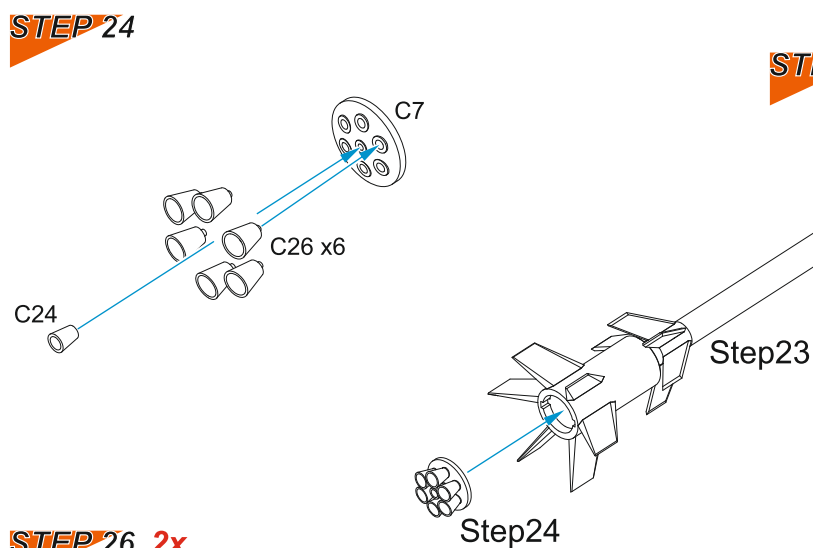
## STEP 22



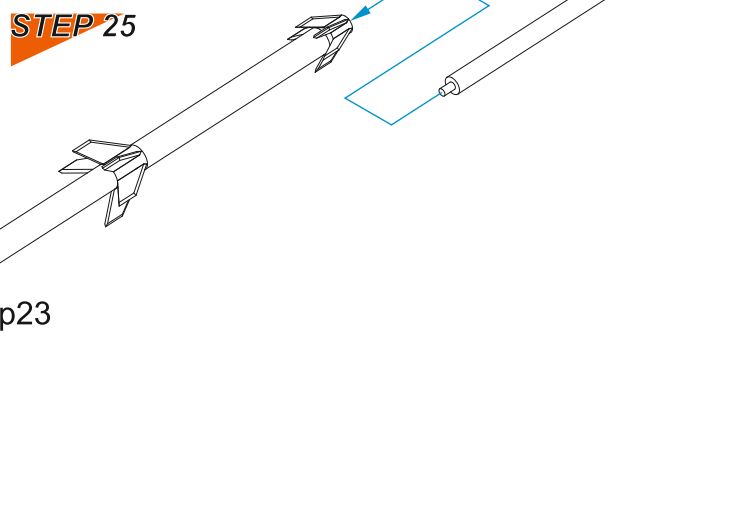
## STEP 23



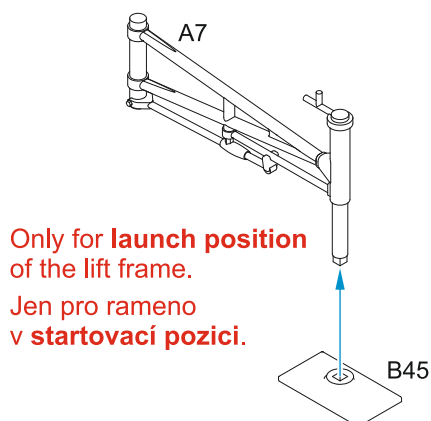
## STEP 24



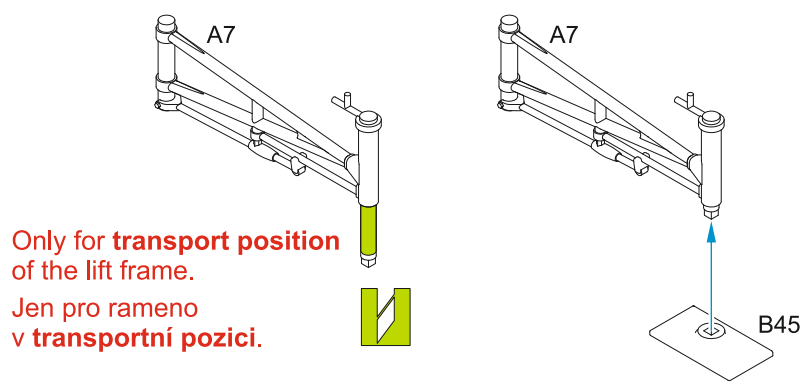
## STEP 25

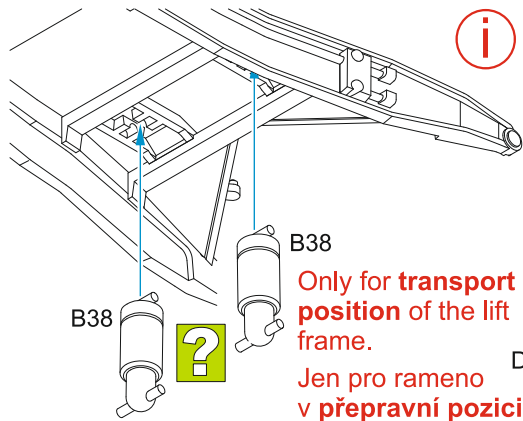


## STEP 26 2x



## STEP 27 2x





**Only for transport position of the lift frame.**

**Jen pro rameno v přepravní pozici.**



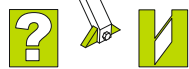
D4

Step25

C25

**STEP 28**

D1 / D2



**Only for launch position of the lift frame. (Step33)**

**Jen pro rameno v startovací pozici. (Step33)**

D1

D2

D6

D5

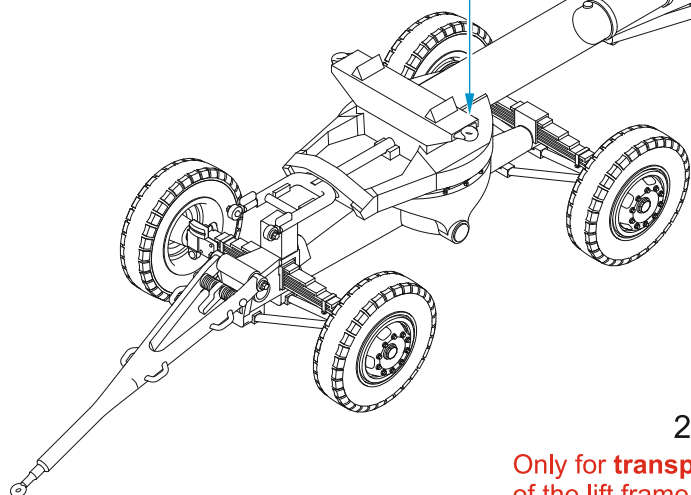
Step19

B38

B38

Step14

**STEP 29**



**STEP 30**



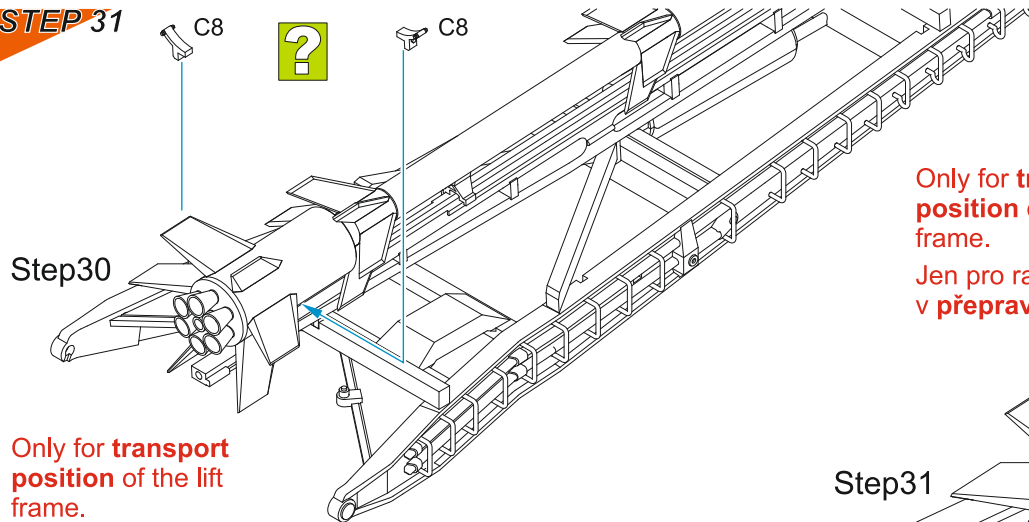
Step29

2x Step27

**Only for transport position of the lift frame.**

**Jen pro rameno v přepravní pozici.**

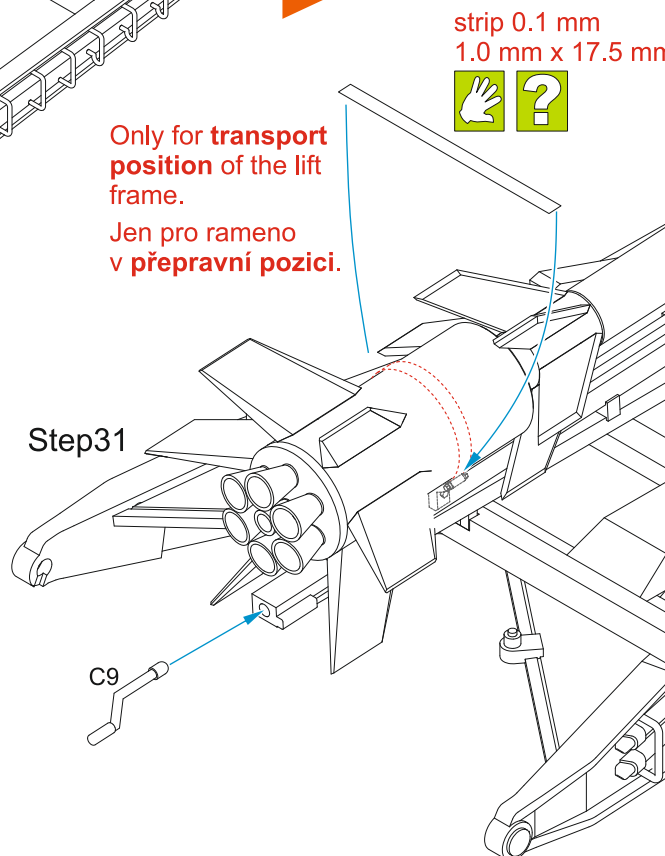
# STEP 31



Only for **transport position** of the lift frame.

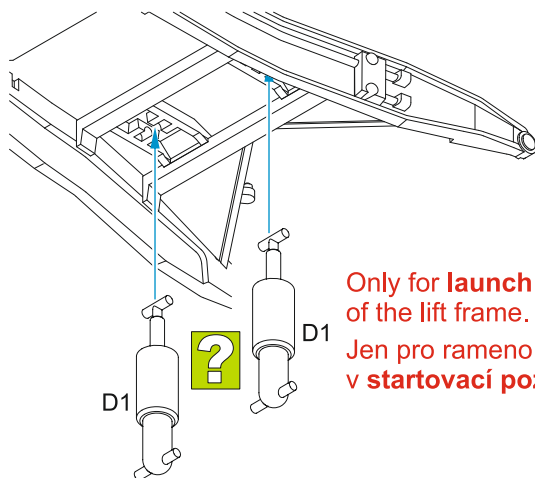
Jen pro rameno v **přepravní pozici**.

# STEP 32



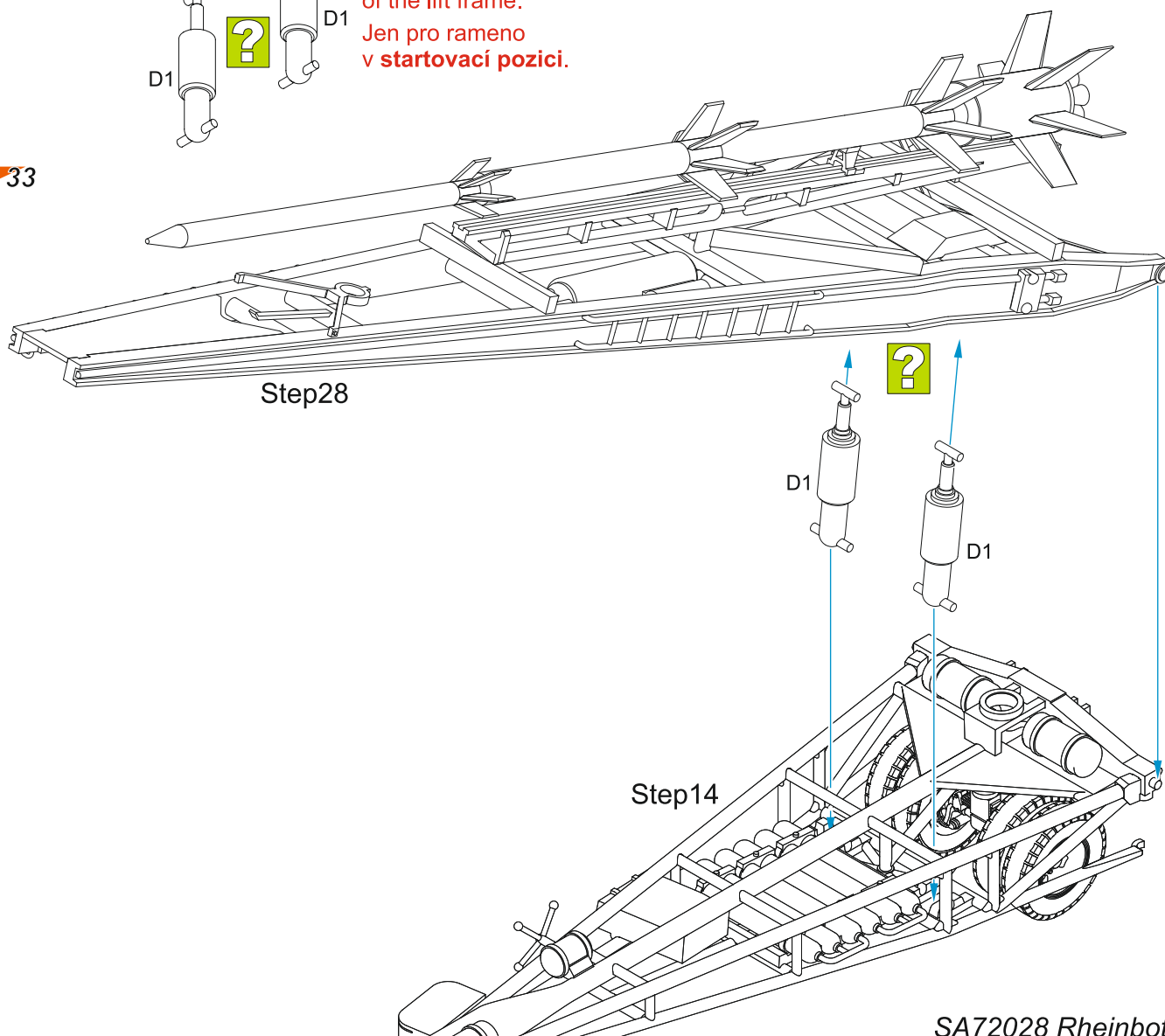
strip 0.1 mm  
1.0 mm x 17.5 mm

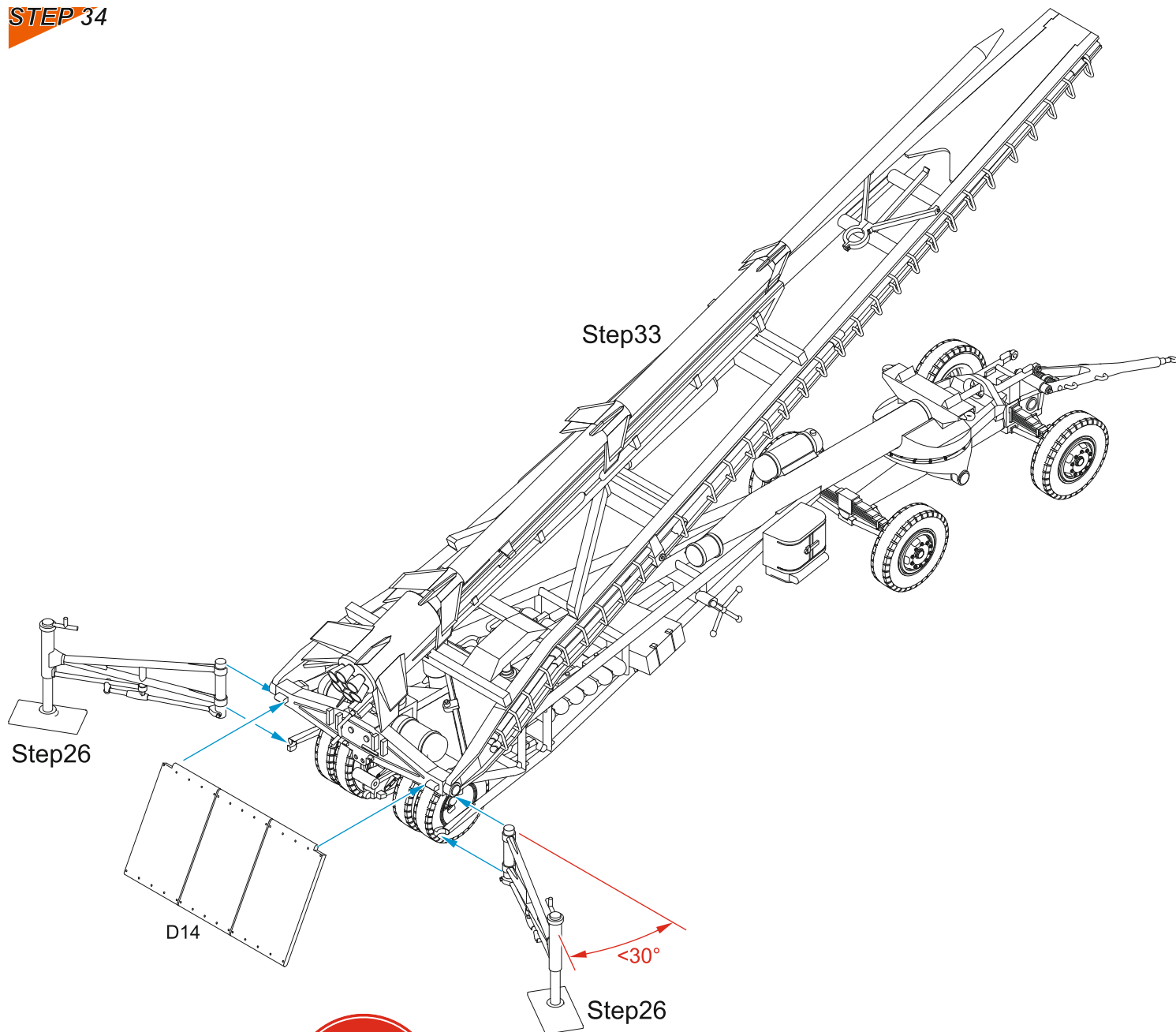
Only for **transport position** of the lift frame.  
Jen pro rameno v **přepravní pozici**.



Only for **launch position** of the lift frame.  
Jen pro rameno v **startovací pozici**.

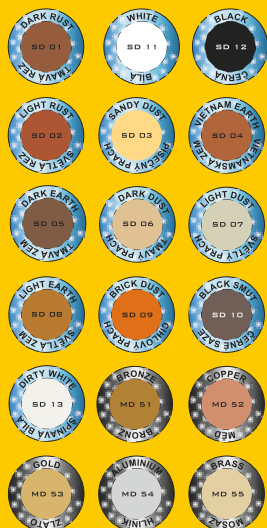
# STEP 33





## Star Dust

weathering pigments



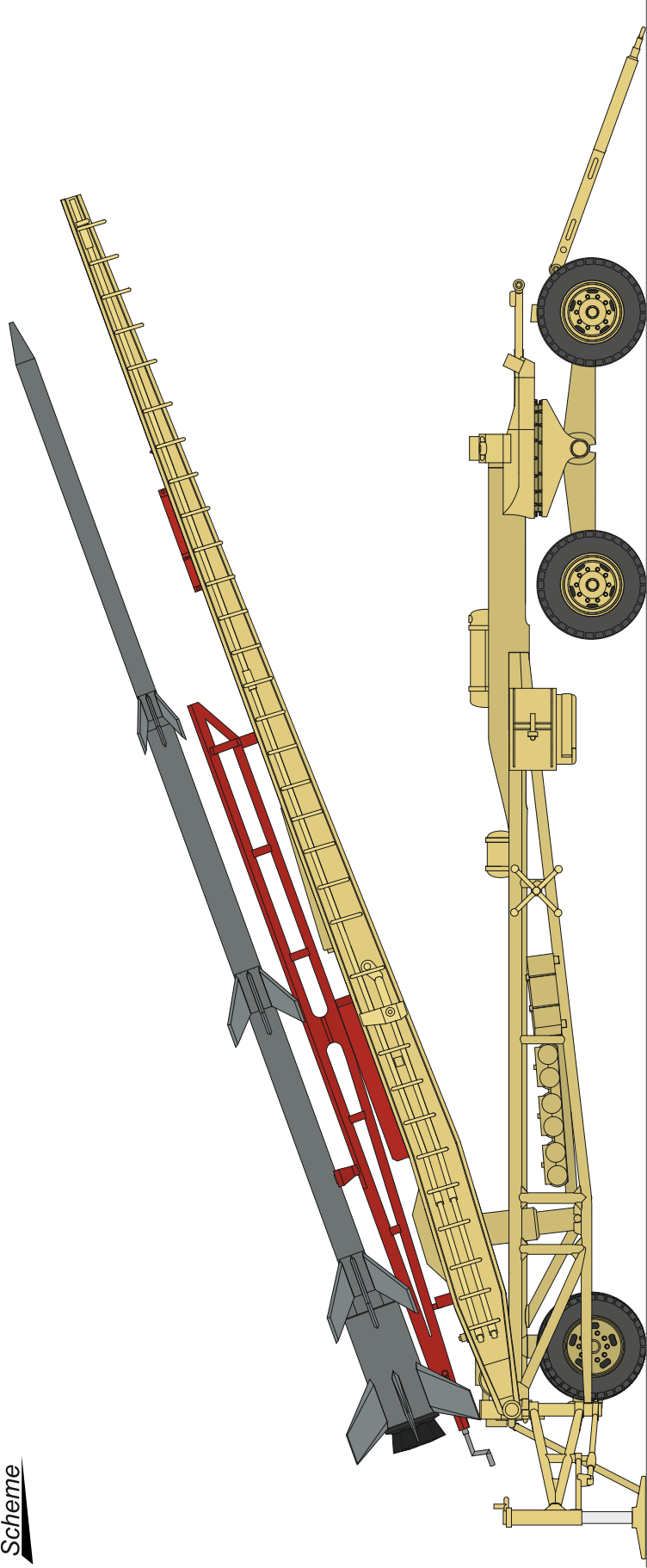
**H1011**  
CMK sanding  
stick four  
different grit  
of sanding  
papers  
on one  
sanding  
stick.



**The Razor Saw with Handle (cat. n. H1010) is a great tool for cutting both plastic and resin. CMK also offers a wide variety of coarse/medium/fine saws.**

**H1000** Ultra smooth and extra smooth saw (2 sides – 70 teeth / 42 teeth) 1 pc  
**H1001** Ultra smooth saw (both sides – 70 teeth / 70 teeth) 1 pc  
**H1002** Very smooth saw (both sides – 42 teeth / 42 teeth) 1 pc  
**H1003** Smooth saw (both sides – 31 teeth / 31 teeth) 1 pc

**H1004** Ultra smooth and extra smooth saw (2 sides – 70 teeth / 42 teeth) 5 pcs  
**H1005** Ultra smooth saw (both sides – 70 teeth / 70 teeth) 5 pcs  
**H1006** Very smooth saw (both sides – 42 teeth / 42 teeth) 5 pcs  
**H1007** Smooth saw (both sides – 31 teeth / 31 teeth) 5 pcs  
**H1010** Razor Saw with Handle



Tmavá žlutá  
Dark Yellow  
RAL 7028  
H79 / C39



Polní šedá  
Panzergrau  
Fiedl Grey  
H32 / C40



Černá  
Black  
H12 / C33



Barva pneu  
Tire Black  
H77 / C137



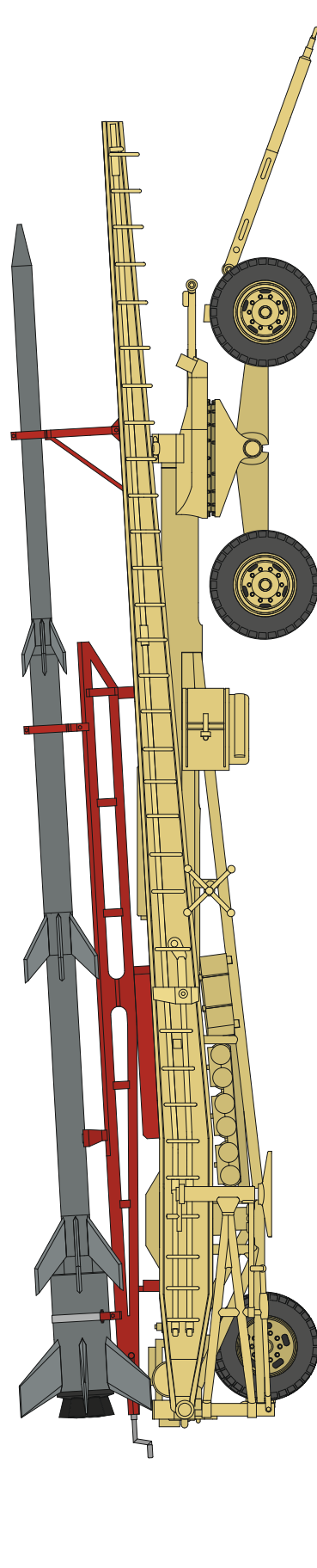
Ocelová  
Steel  
H18 / C28



Chromová  
Chrome  
SM01



Červená  
Red  
H86 / C68



**SA72020**

**Sd.Kfz 131**

**Marder II**

**7,5 cm PaK 40/2**

**PLASTIC KIT**

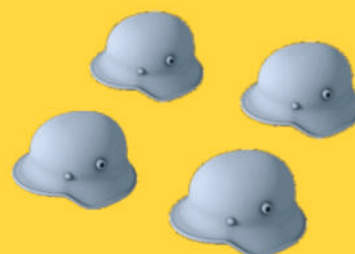


**B72103**

**Sd.Kfz 131 Marder II**

**EQUIPMENT**

**CMK RESIN SET**



**SA72021**

**Sd.Kfz 10**

**Zugkraftwagen 1t**

**(Demag D7)**

**PLASTIC KIT**

## 3D printed and cast 1/72 AFV kits and sets



**60 cm Flak Scheinwerfer**  
(Flak Sw-36) mit Sd.Ah.51  
'Světlomet 60N s vletem'

MILITARY VEHICLE  
MV130  
1/72

DETAILNÍ  
3D TISKOVÁ  
STAVEBNICE

DETAILED  
3D PRINTED KIT



MADE IN THE CZECH  
REPUBLIC



**Elektrischer Generator**  
8kw für Flak Sw-36  
mit Sd.Ah.51

MILITARY VEHICLE  
MV131  
1/72

DETAILNÍ  
3D TISKOVÁ  
STAVEBNICE

DETAILED  
3D PRINTED KIT



MADE IN THE CZECH  
REPUBLIC



**Morris CS9**  
**British Light Armored Car**  
'North African Campaign'

MILITARY VEHICLE  
MV133  
1/72

DETAILNÍ  
STAVEBNICE  
S RESINOVÝMI,  
3D TISKOVÝMI,  
LEPÁNYMI DÍLY  
A OBTISKY

DETAILED KIT  
CONTAINS RESIN,  
3D PRINTED,  
P.E PARTS  
AND DECAL



MADE IN THE CZECH  
REPUBLIC



P72003 Transport box  
with Panzerfausts

70 PLASTIC PARTS



PP1

PP2

PP3

PP4

PP5

PP6

PP7

PP8

PP9

PP10

PP11

PP12

PP13

PP14

PP15

PP16

PP17

PP18

PP19

PP20

PP21

PP22

PP23

PP24

**more info at**  
**www.specialhobby.eu**

P72007 Czech Hedgehog  
(Rozkočat)

1/72

3D-Printed Parts

4x

3D-Printed Parts

4x

3D-Printed Parts

4x

3D-Printed Parts

4x

3D-Printed Parts

4x

3D-Printed Parts

4x

3D-Printed Parts

4x

3D-Printed Parts

4x

3D-Printed Parts

4x

3D-Printed Parts

4x

3D-Printed Parts

4x

3D-Printed Parts

4x

3D-Printed Parts

4x

3D-Printed Parts

4x