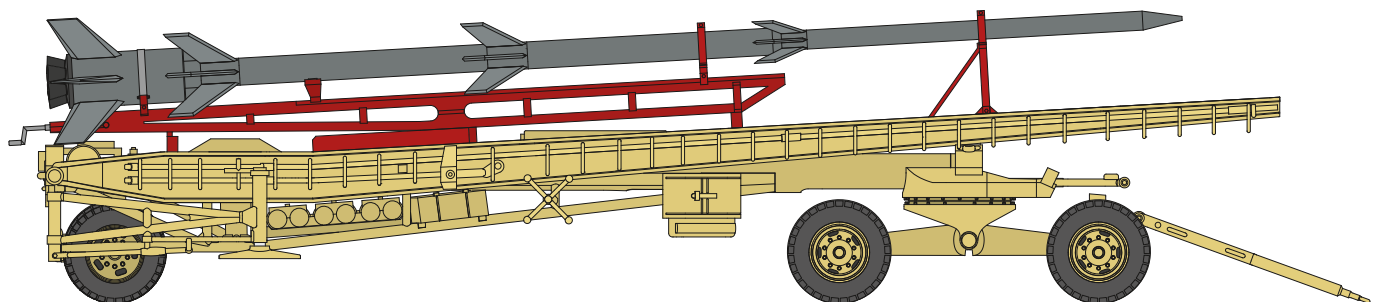




Rheinbote

‘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

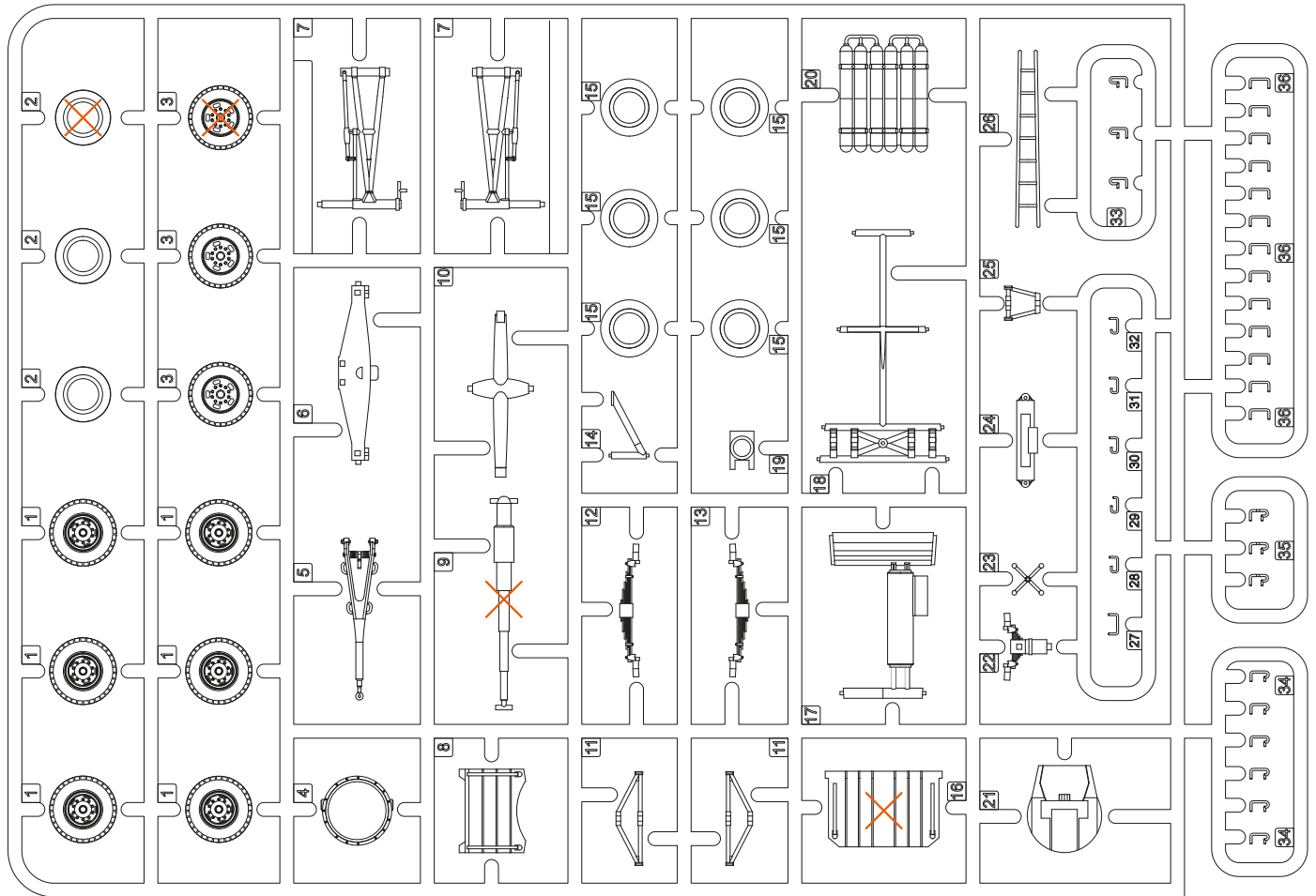
EN

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).

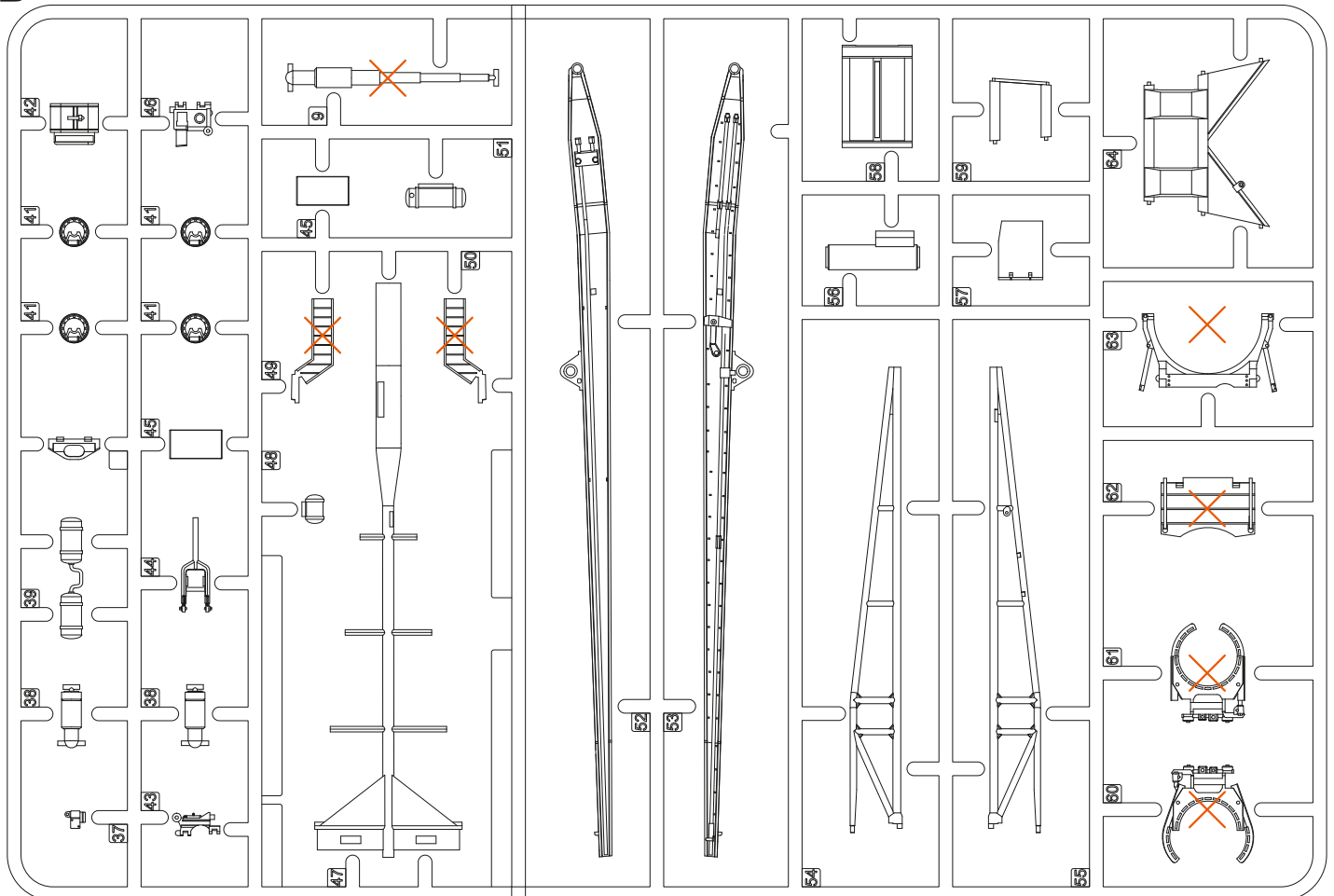
Length: 11,4 m, weight 1700 kg, range 230 km, head 40 kg, explosives making up 20 kg

Plastic Parts

A

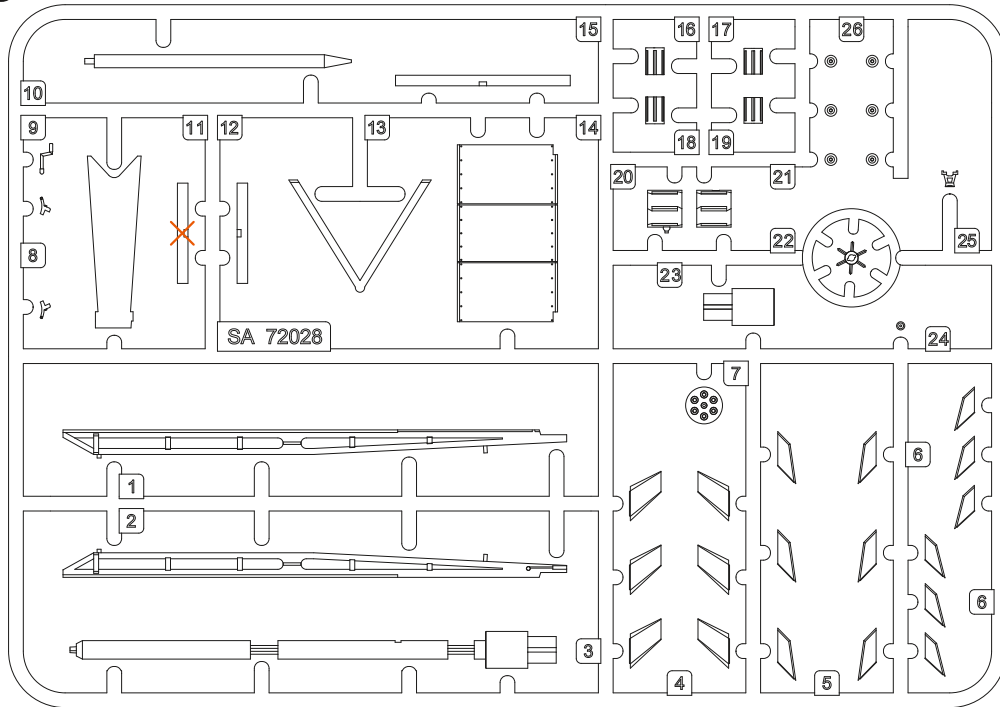


B

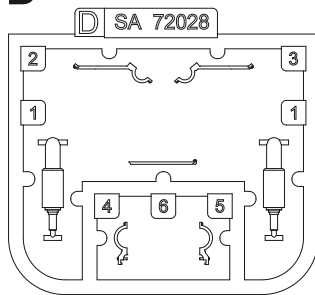


Plastic Parts

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



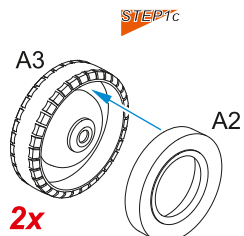
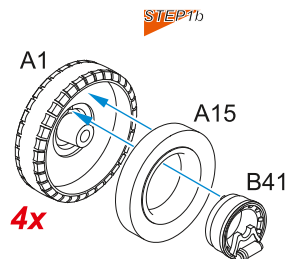
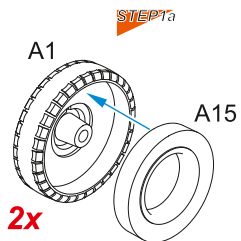
ŘEZAT/VRTAT
CUT OFF/DRILL
ENTFERNEN
DETACHER

GSI
colour code

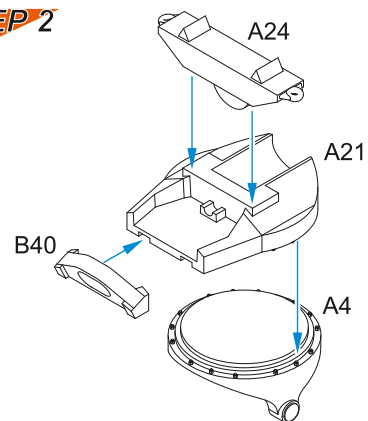


NATŘÍT COLOUR
FARBEN
PEINDRE

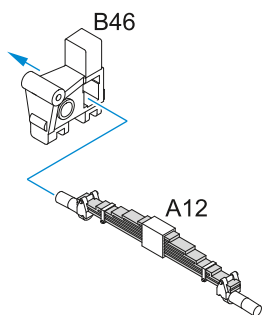
STEP 1



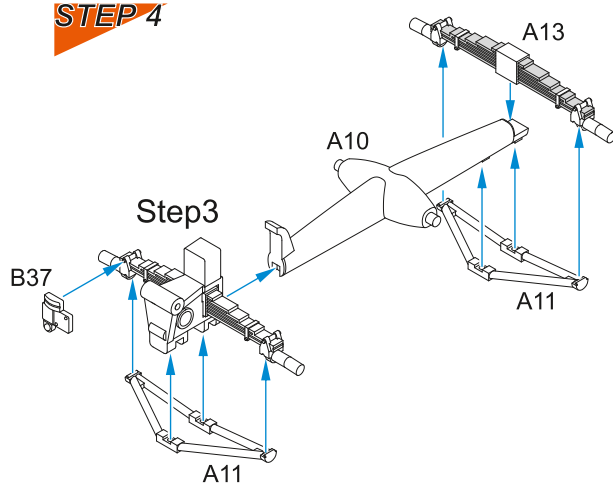
STEP 2



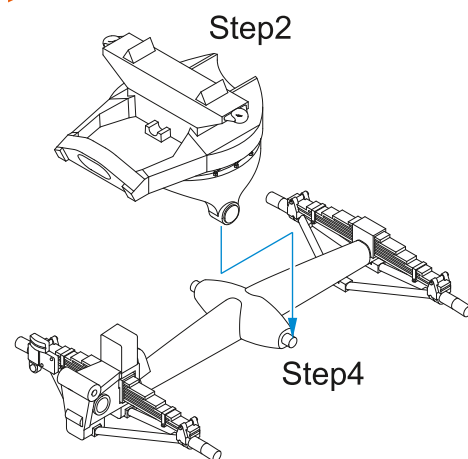
STEP 3



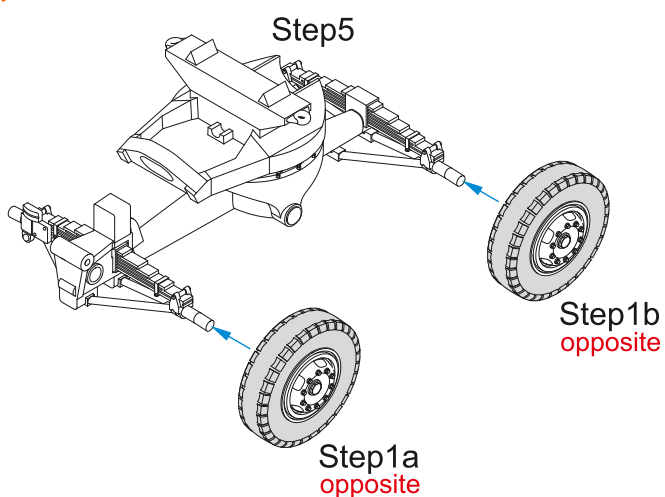
STEP 4



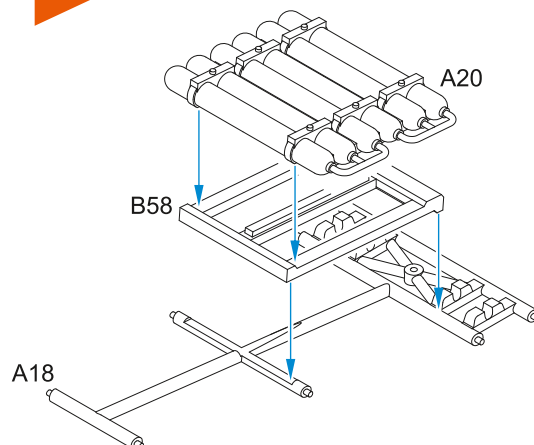
STEP 5



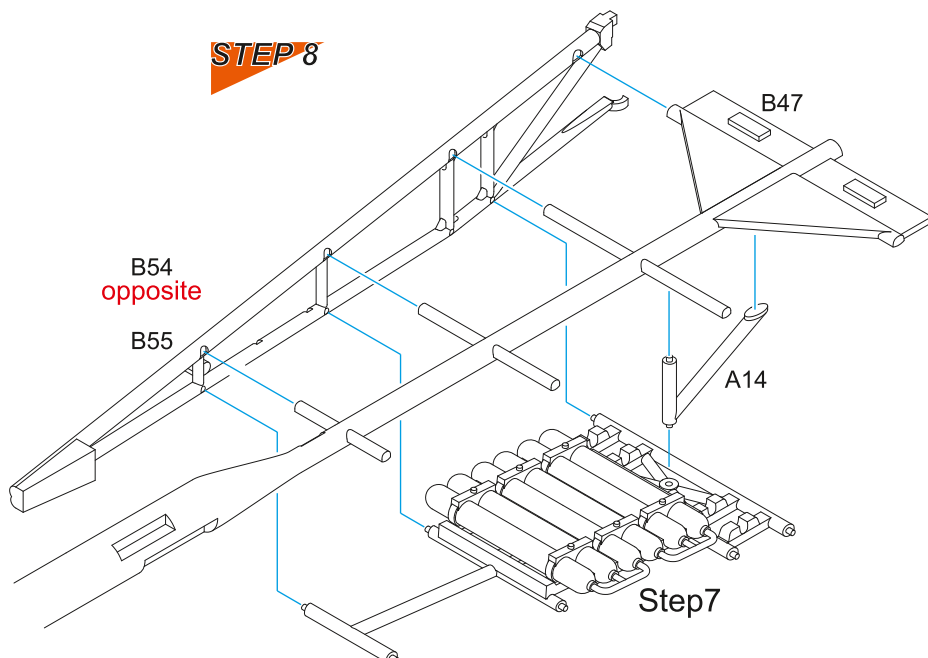
STEP 6



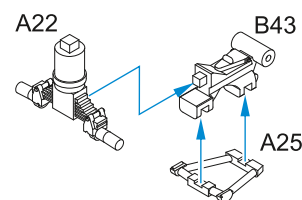
STEP 7



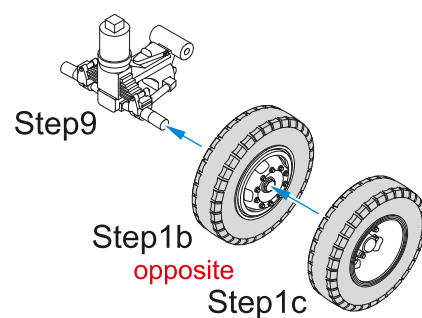
STEP 8



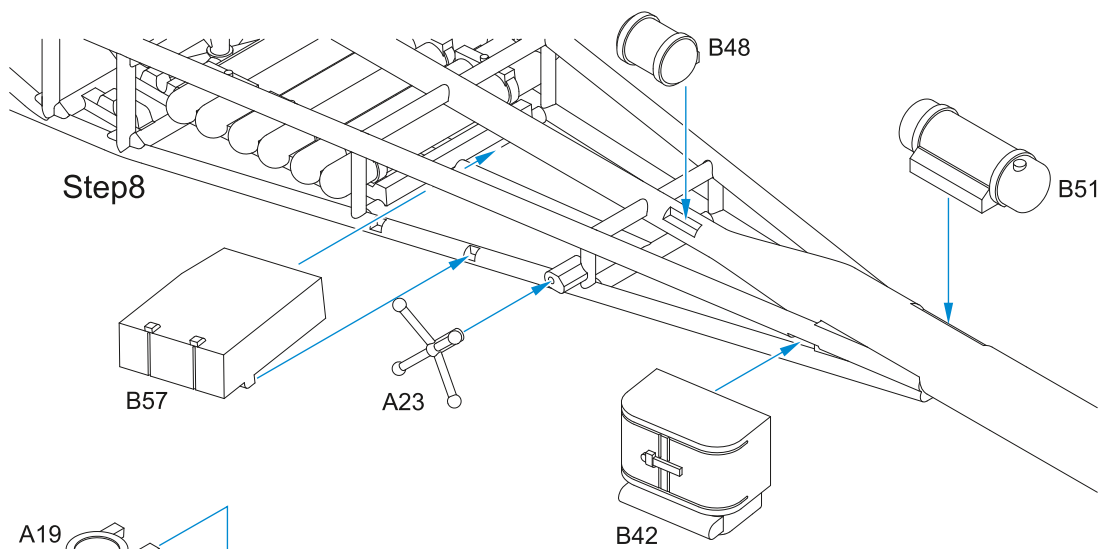
STEP 9



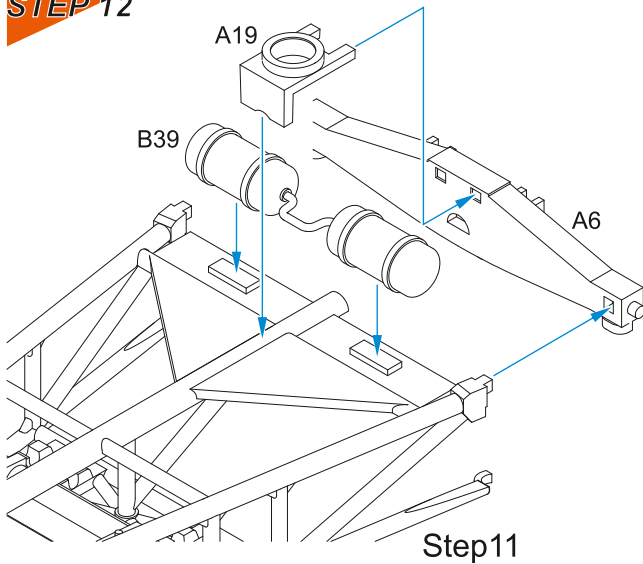
STEP 10



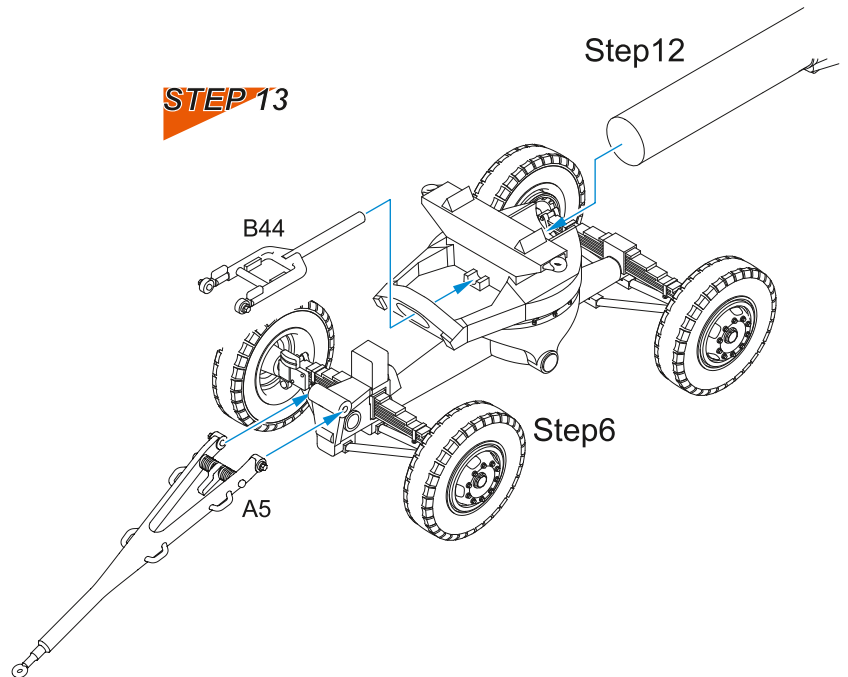
STEP 11



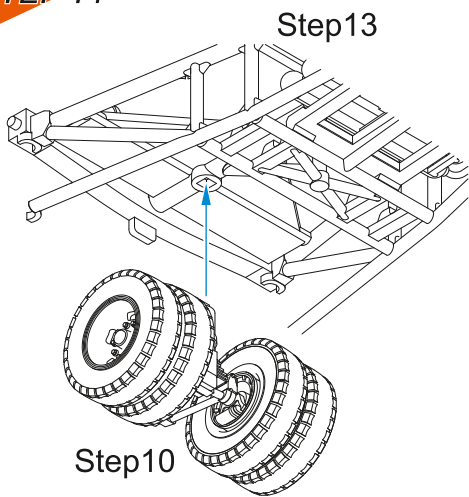
STEP 12



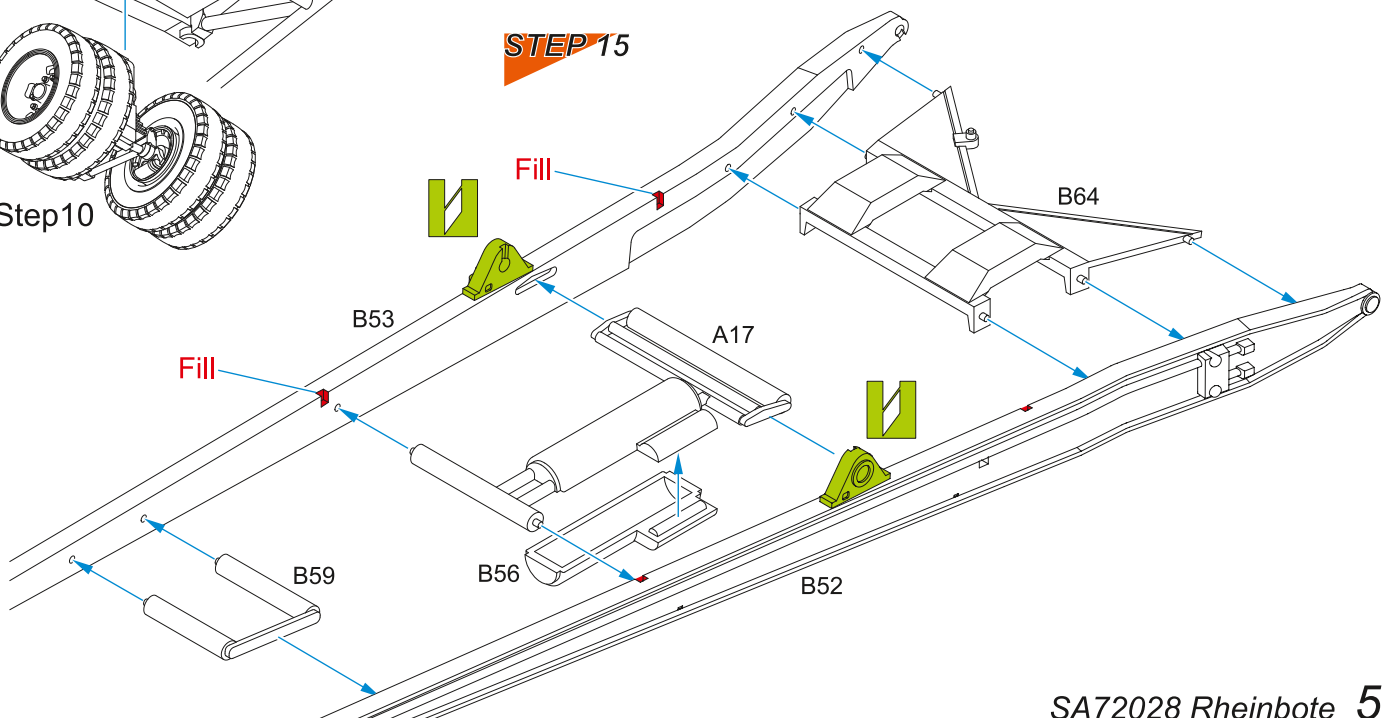
STEP 13



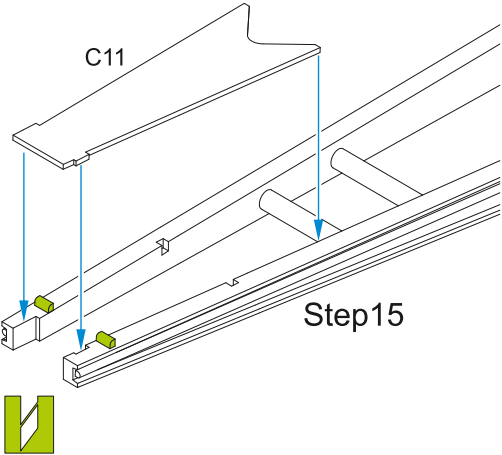
STEP 14



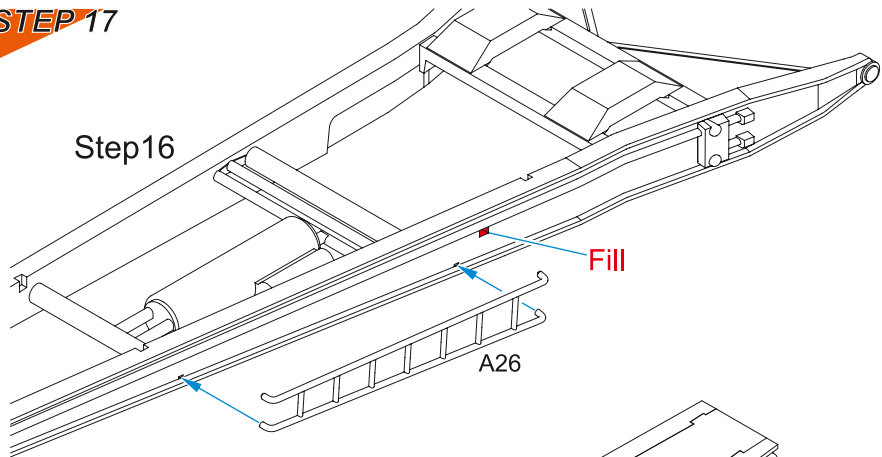
STEP 15



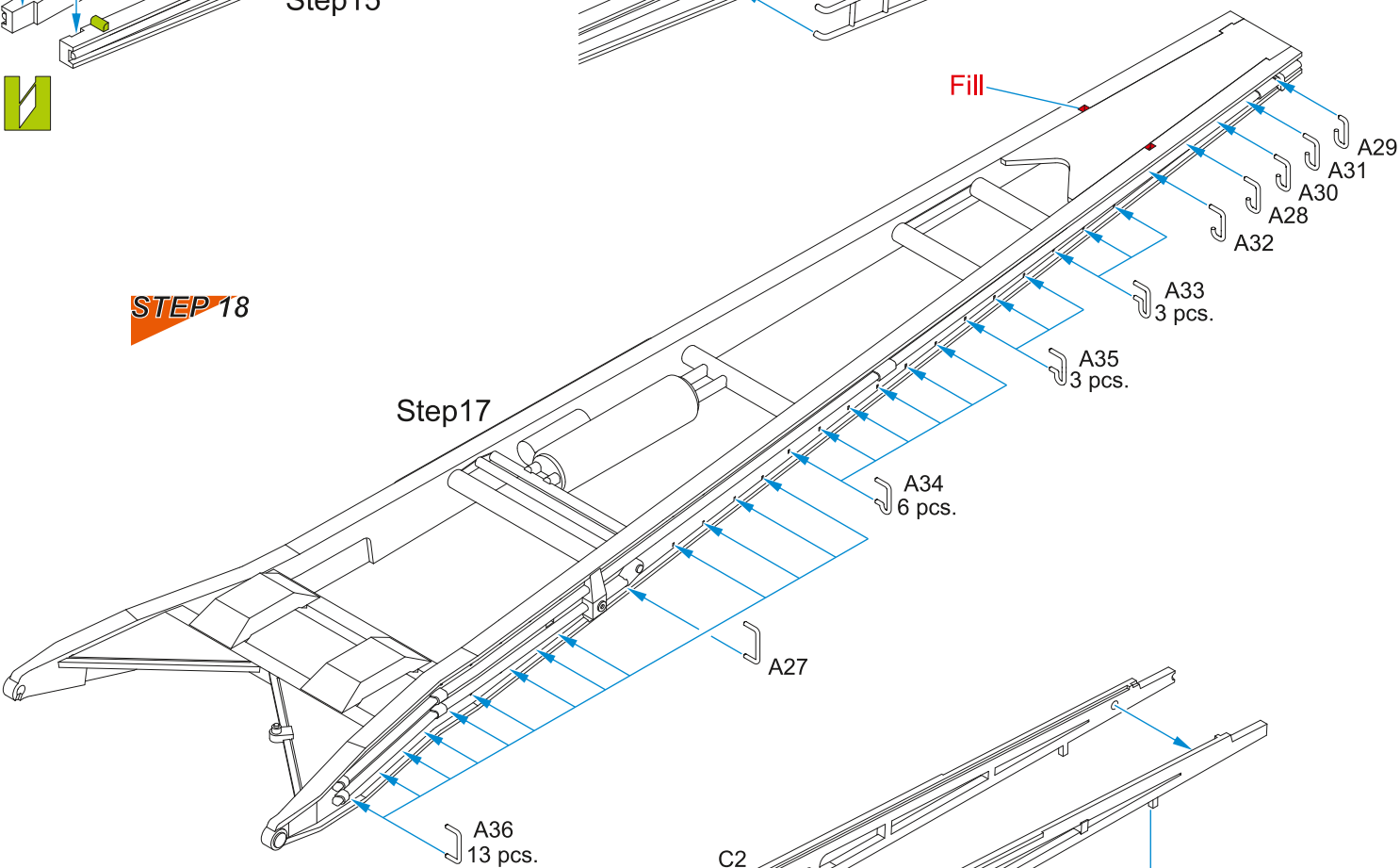
STEP 16



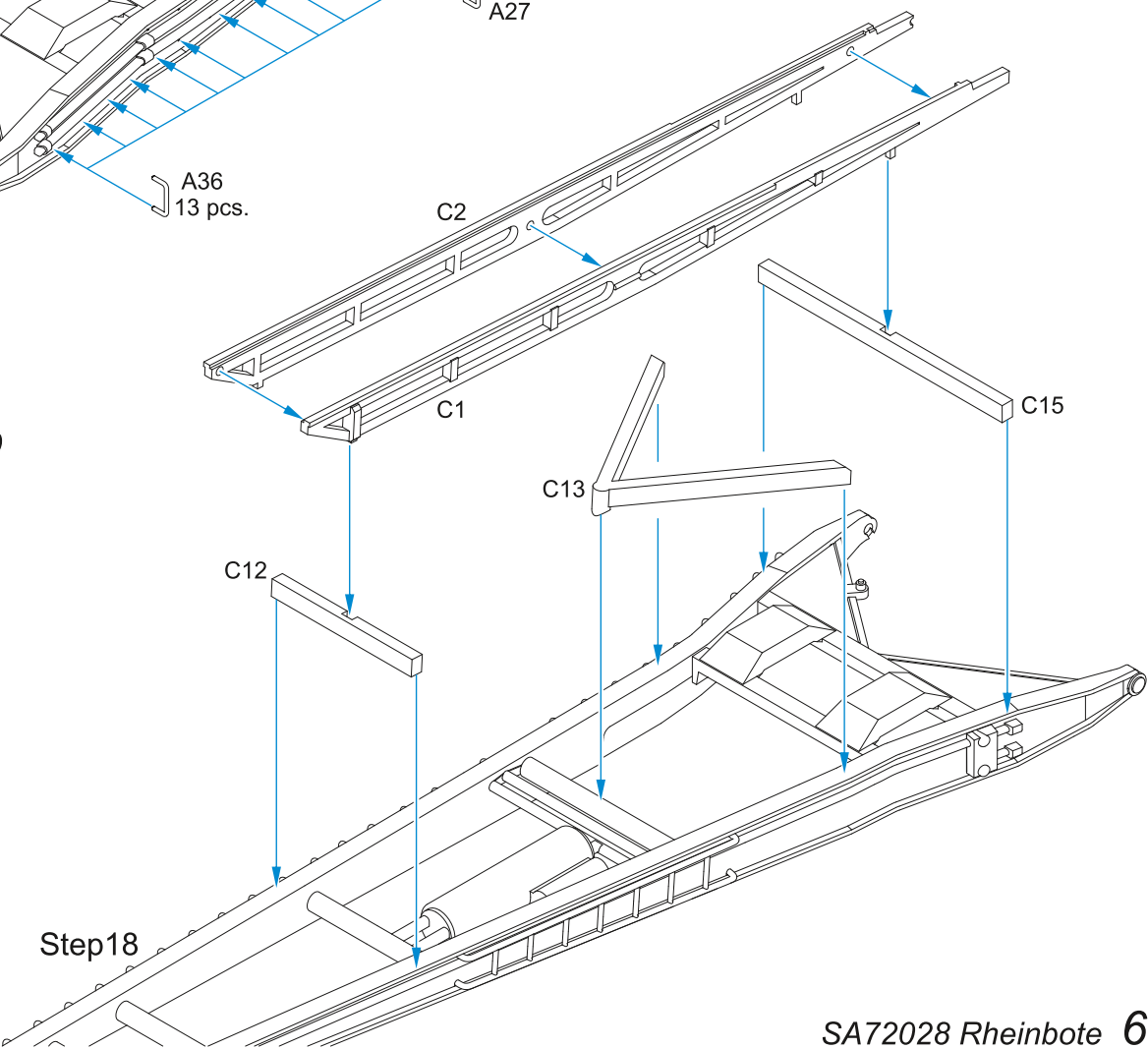
STEP 17



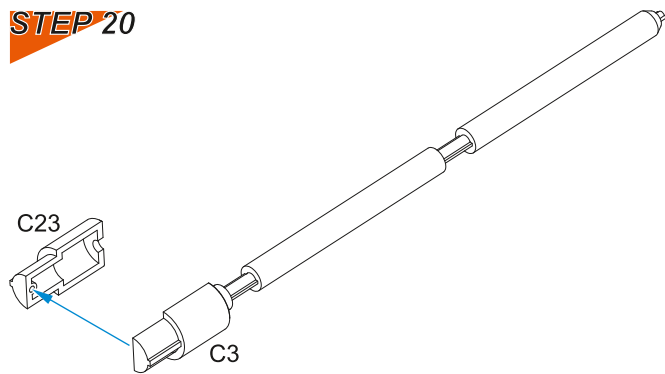
STEP 18



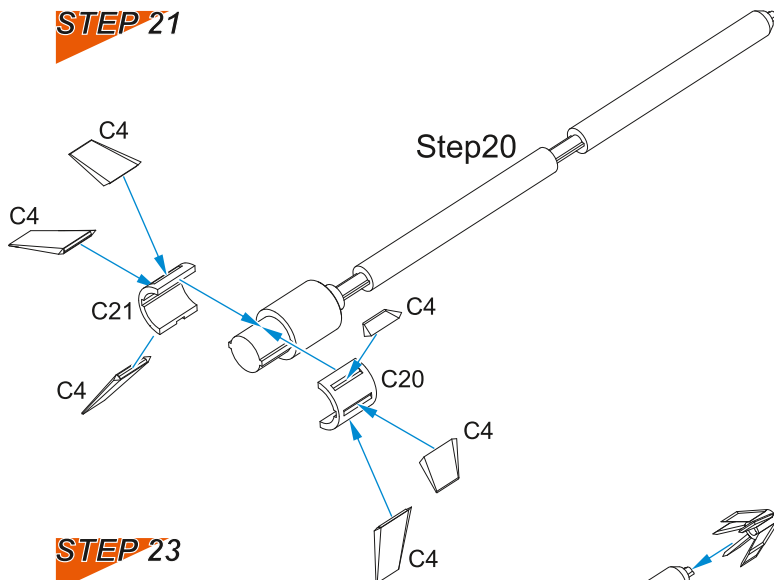
STEP 19



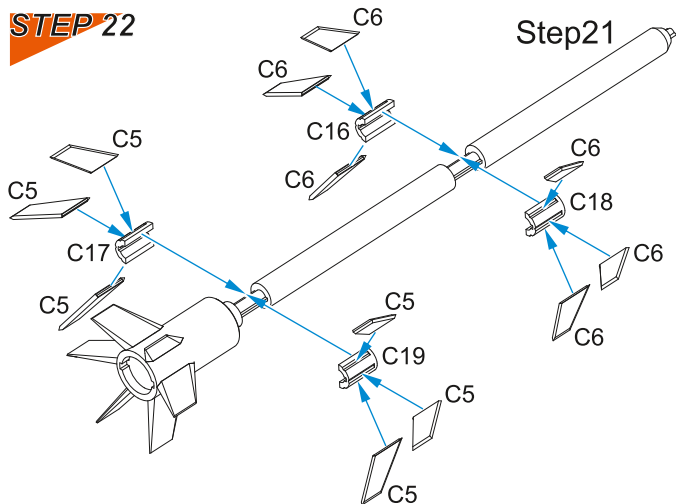
STEP 20



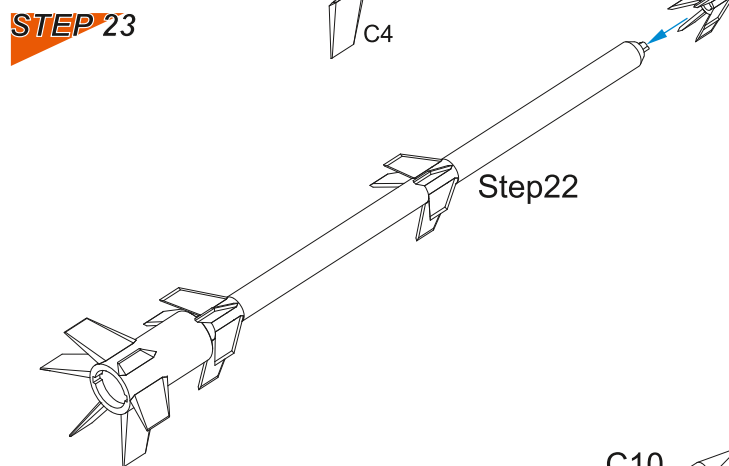
STEP 21



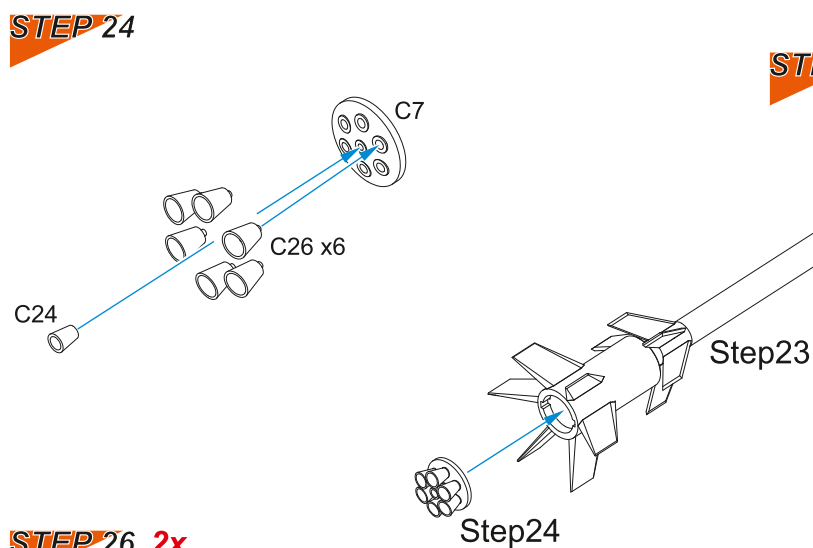
STEP 22



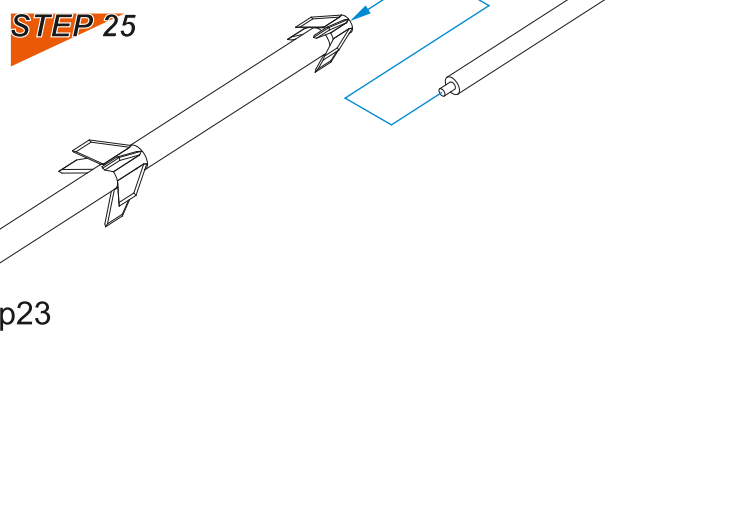
STEP 23



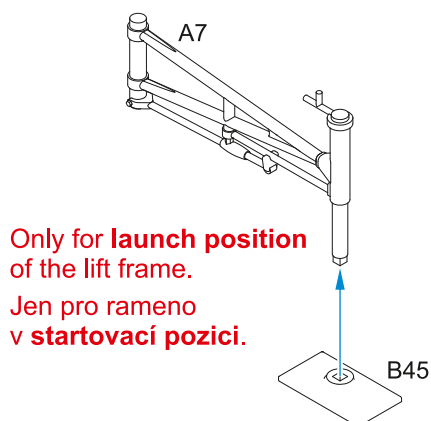
STEP 24



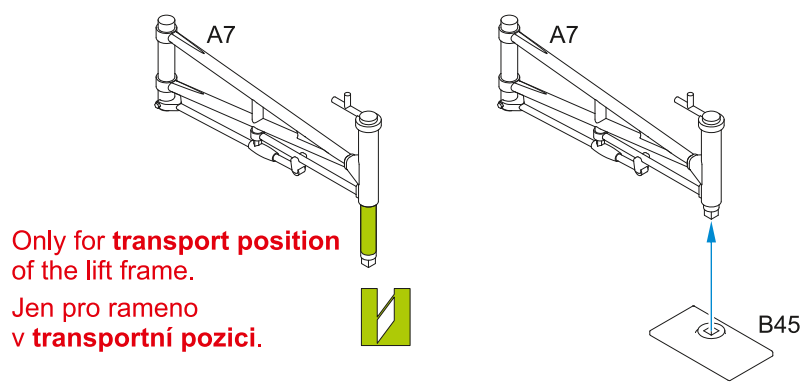
STEP 25

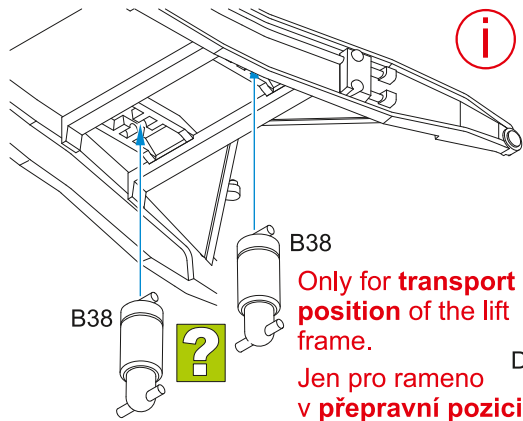


STEP 26 2x



STEP 27 2x





Only for transport position of the lift frame.

Jen pro rameno v přepravní pozici.



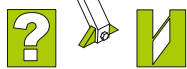
D4

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

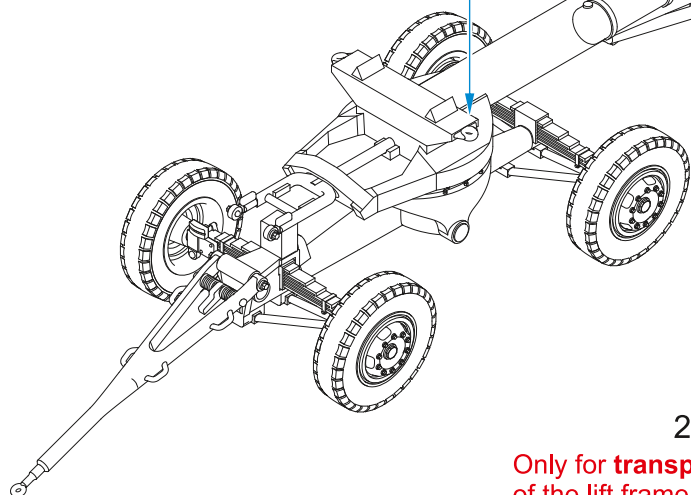
Step19

B38

B38

Step14

STEP 29



STEP 30



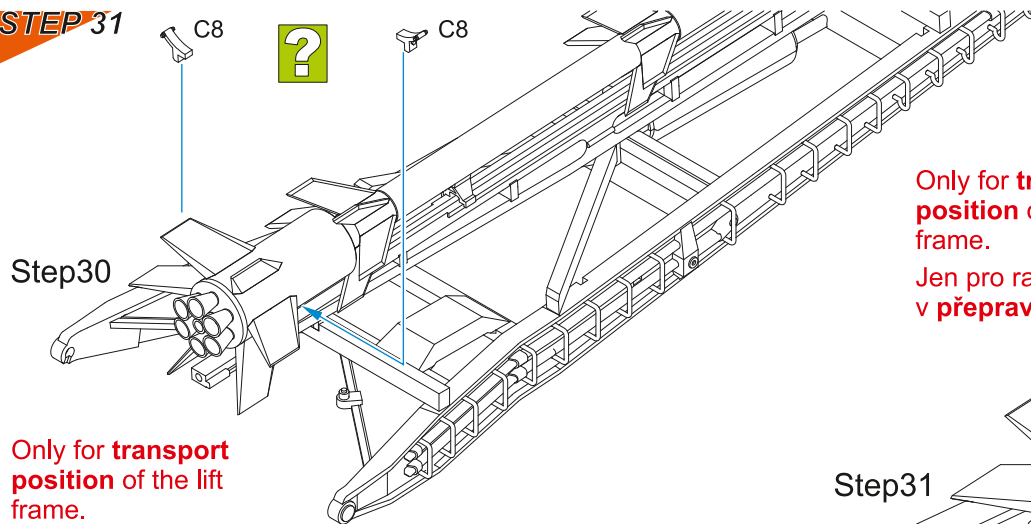
Step29

2x Step27

Only for transport position of the lift frame.

Jen pro rameno v přepravní pozici.

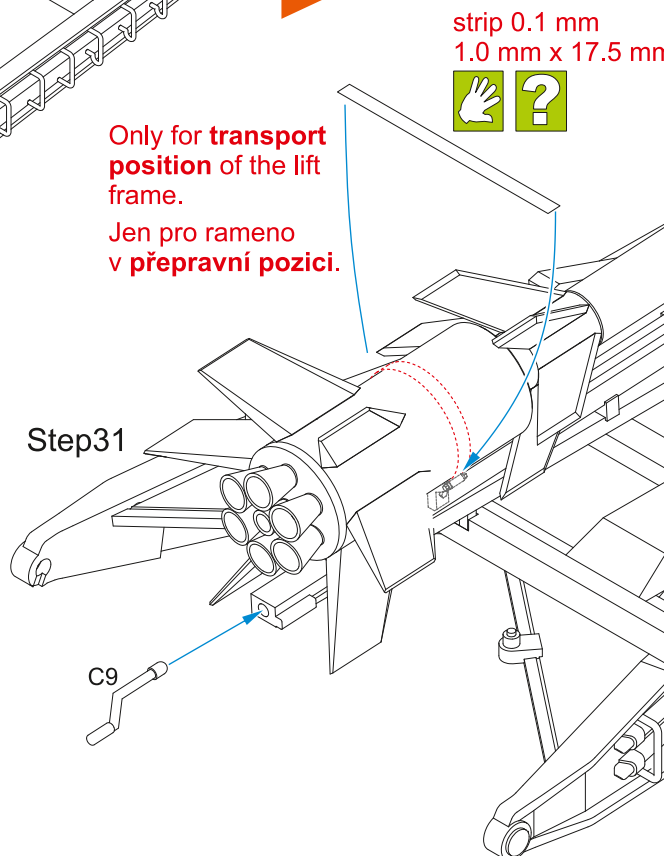
STEP 31



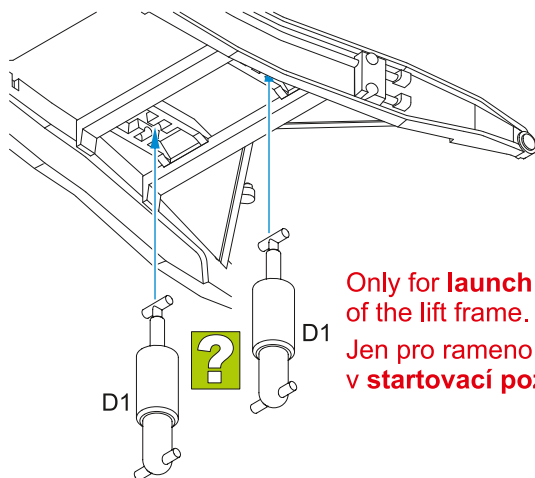
Only for **transport position** of the lift frame.

Jen pro rameno v **přepravní pozici**.

STEP 32

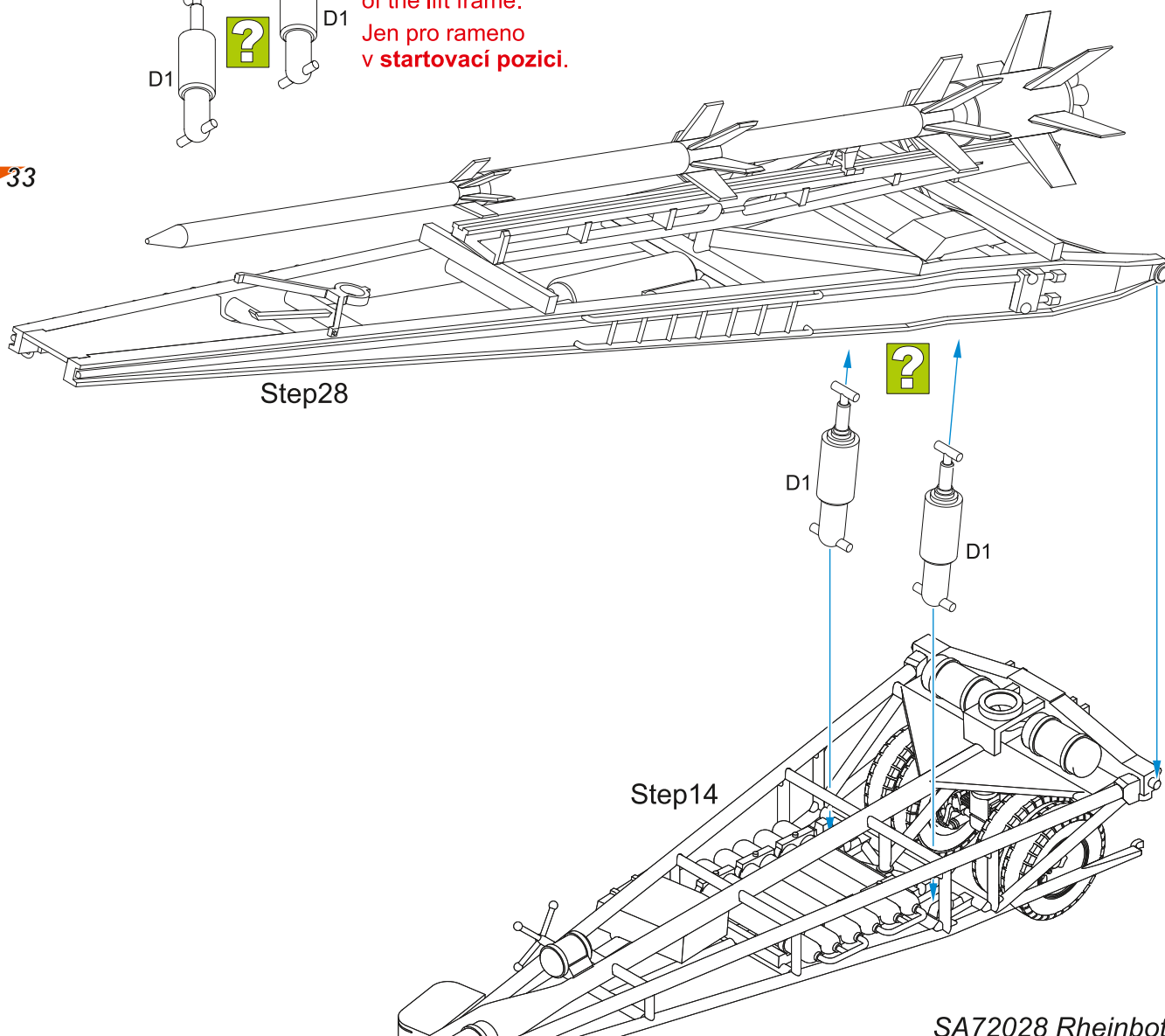


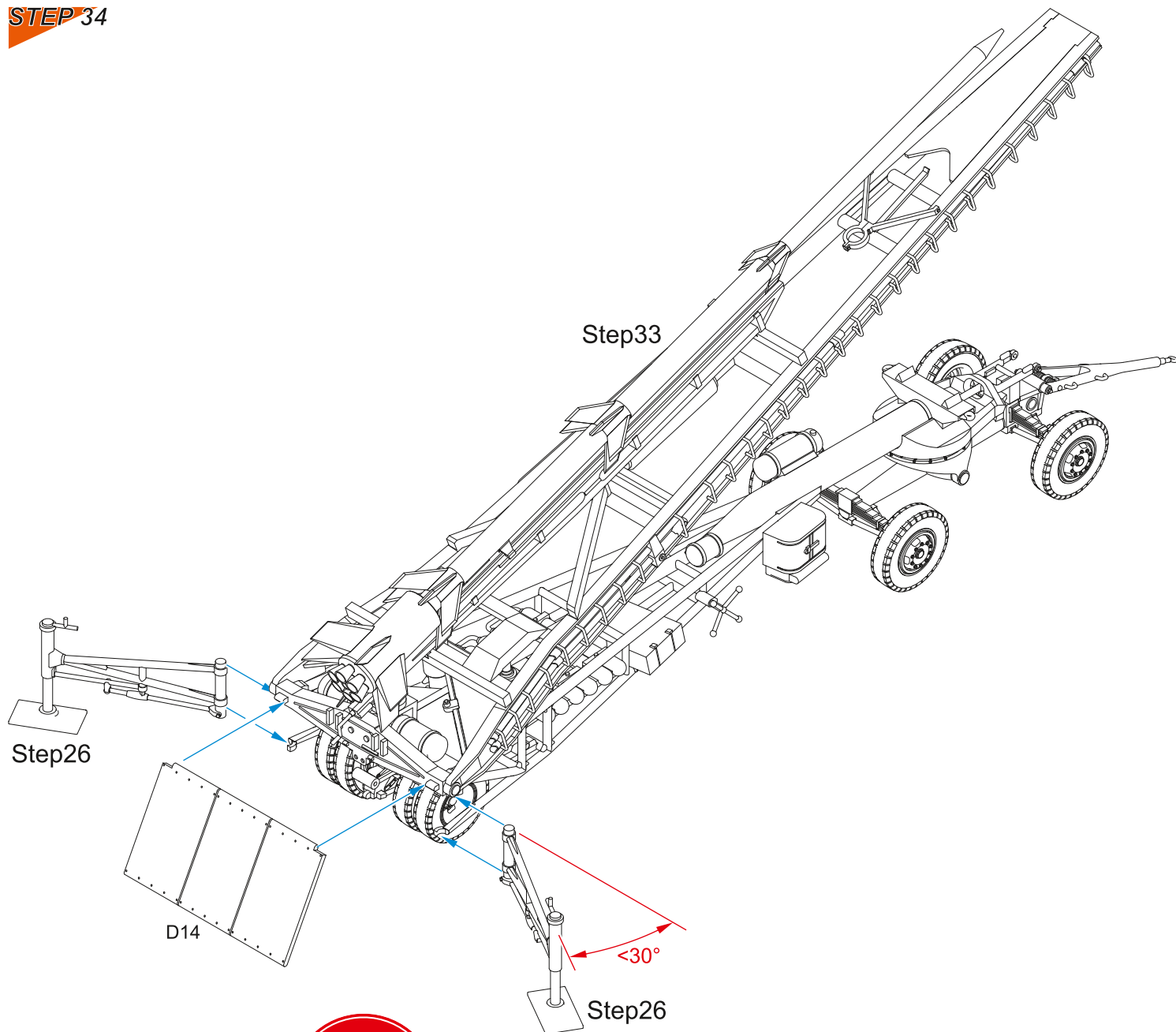
Only for **transport position** of the lift frame.
Jen pro rameno v **přepravní pozici**.



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

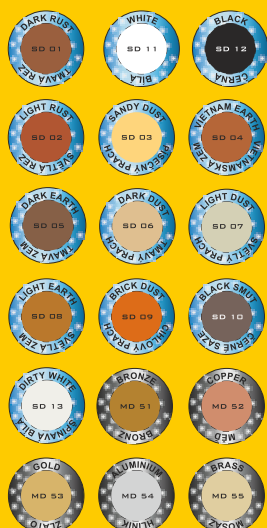
STEP 33



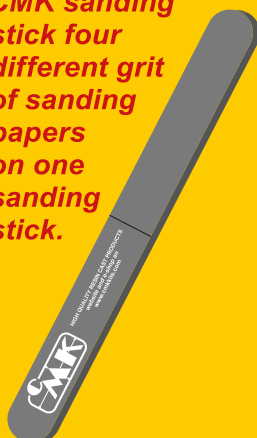


Star Dust

weathering pigments



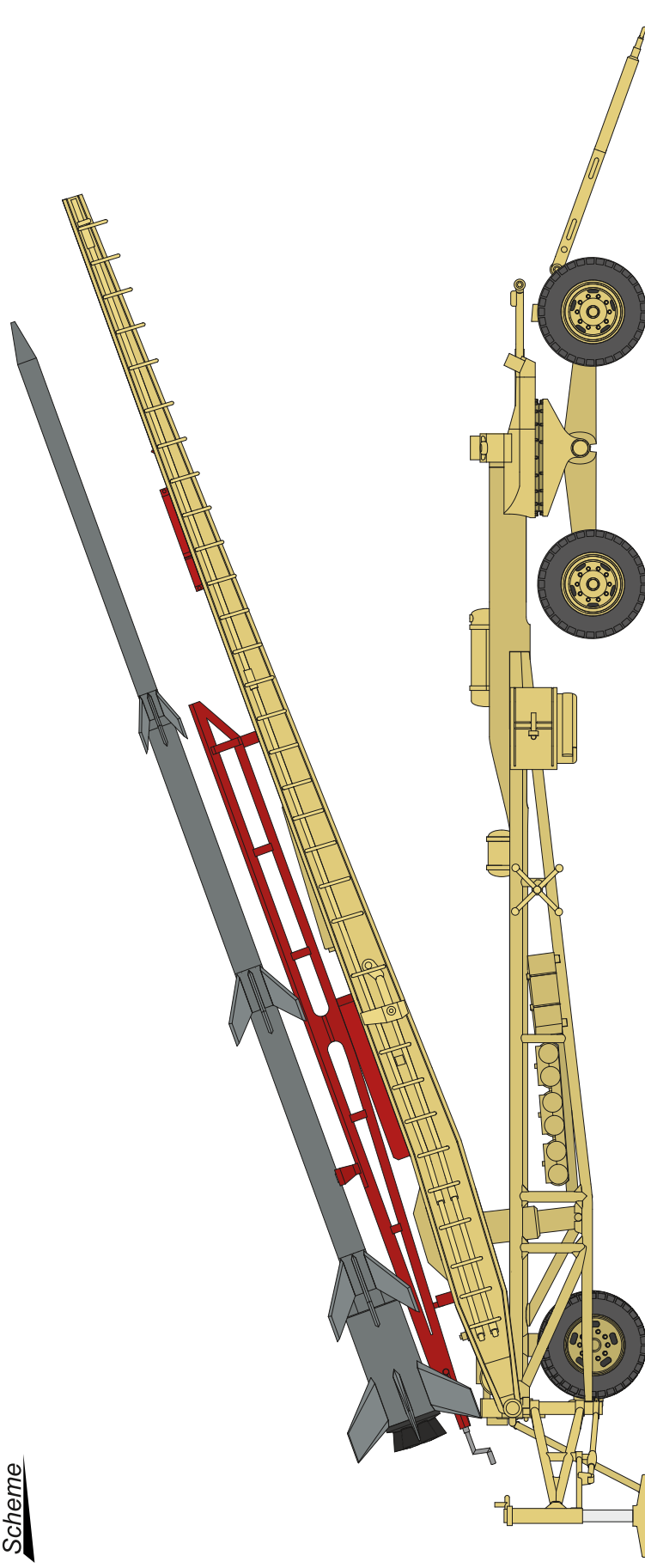
H1011
CMK sanding
stick four
different grit
of sanding
papers
on one
sanding
stick.



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



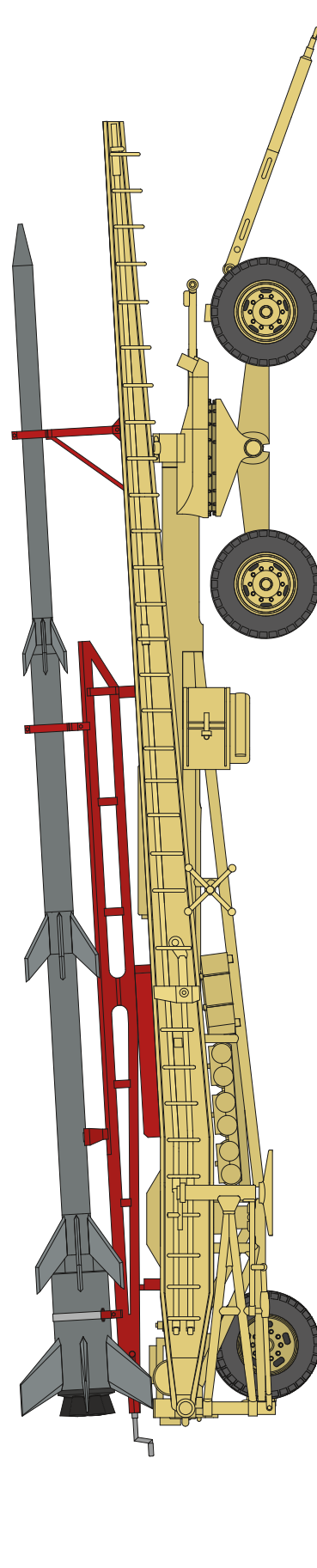
Ocelová
Steel
H18 / C28



Chromová
Chrome
SM01



Červená
Red
H86 / C68



SA72020

Sd.Kfz 131

Marder II

7,5 cm PaK 40/2

PLASTIC KIT

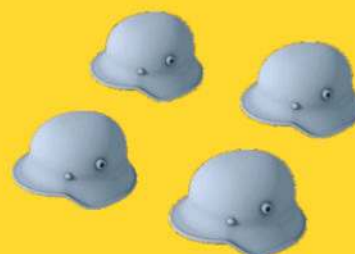


B72103

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



more info at
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