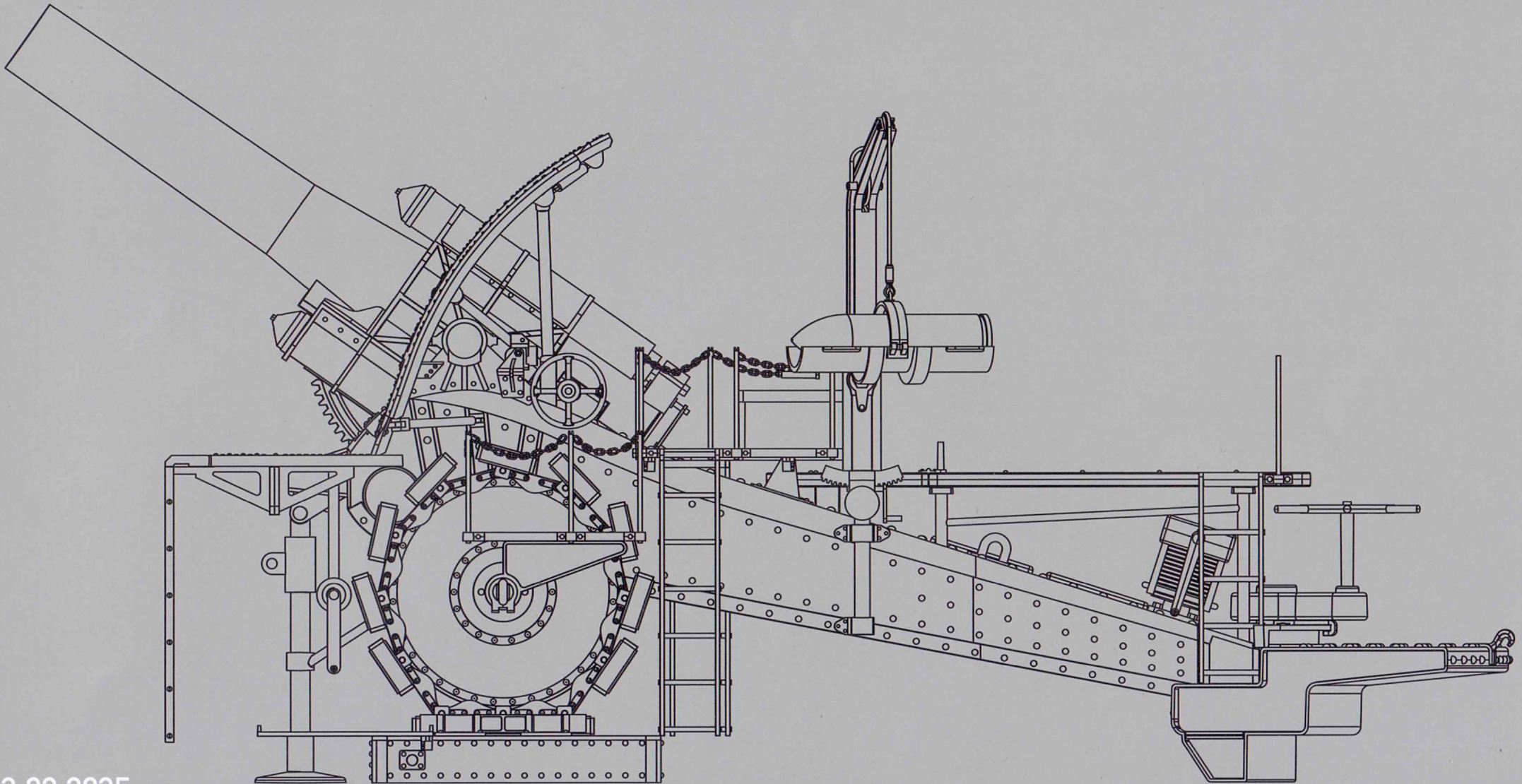


GERMAN EMPIRE

# Krupp 420mm Big Bertha

Big Bertha ('Dicke Berta') was the name given to the massive 42cm (16.5-in.) howitzers designed for the German Army after the end of the Russo-Japanese War of 1904. Weighing in at 43 tons, they were nicknamed for the wife of Gustav Krupp, owner of Krupp arms works. These giant howitzers, with a firing range of 15km, were first used by Germany as they advanced through Belgium in 1914. Transported in pieces, moved by rail, and assembled in place, their 820kg shells proved devastating against the Belgian forts, but were somewhat less effective against the sturdier French forts. These howitzers were also used as siege weapons on the eastern front. By 1917, they were less accurate due to wear on the barrels, and were extremely vulnerable to counter battery fire once located by the enemy, and were thus decommissioned after the battle of Verdun.



# READ BEFORE ASSEMBLY

## CAUTION

- Read carefully and fully understand the instructions before commencing assembly. A supervising adult should also read the instructions if a child assembles the model.
- When assembling this kit, tools including knives used. Extra care should be taken to avoid personal injury.
- Keep out of reach of small children. Children must not be allowed to suck any part, or pull vinyl bag over their heads.



Do Not Cement

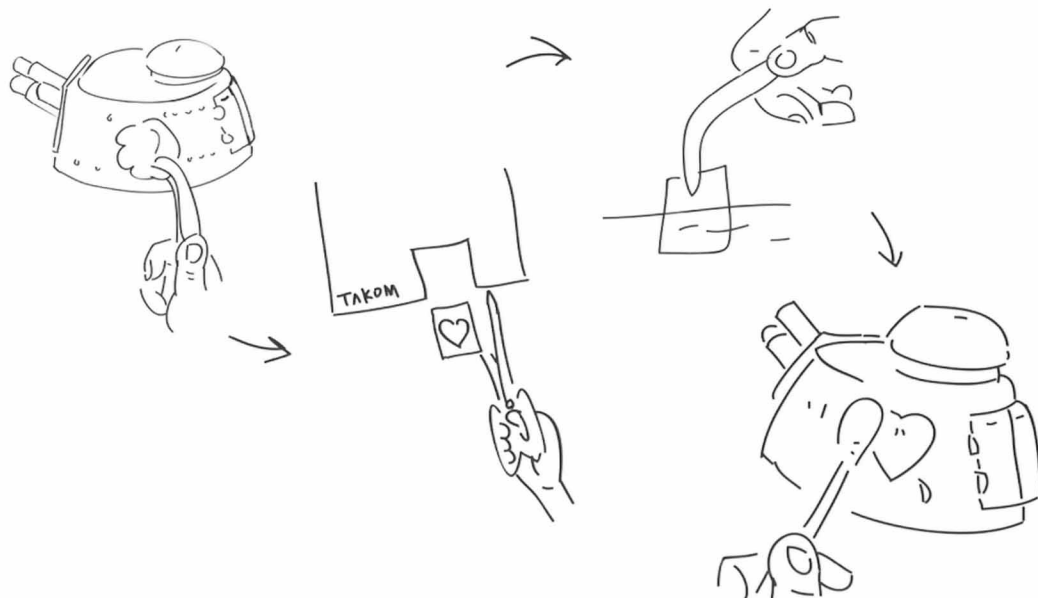
## PAINTS REQUIRED

Color info and profiles by Mig Jimenez

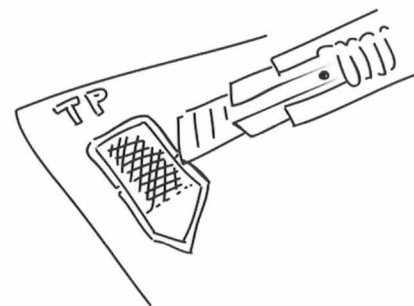
|           |                  |           |                 |           |              |           |             |
|-----------|------------------|-----------|-----------------|-----------|--------------|-----------|-------------|
| A.MIG 045 | Gun Metal        | A.MIG 909 | Grey Light Base | A.MIG 073 | Earth        | A.MIG 190 | Old Brass   |
| A.MIG 061 | Warm Sand-Yellow | A.MIG 076 | Brown Soil      | A.MIG 077 | Dull Green   | A.MIG 057 | Yellow Grey |
| A.MIG 087 | Ochre Earth      | A.MIG 916 | Green Base      | A.MIG 065 | Forest Green | A.MIG 079 | Clay Brown  |

## APPLYING DECALS

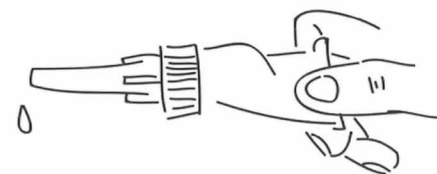
1. Clean the model surface with a wet cloth.
2. Cut out each decal design from sheet, and dip it in tepid water for 15~20 sec.
3. Hold the backing sheet edge and slide decal onto the model.
4. Move decal into position by wetting decal with finger.
5. Press decal gently down with a soft cloth until excess water and air bubbles are gone.



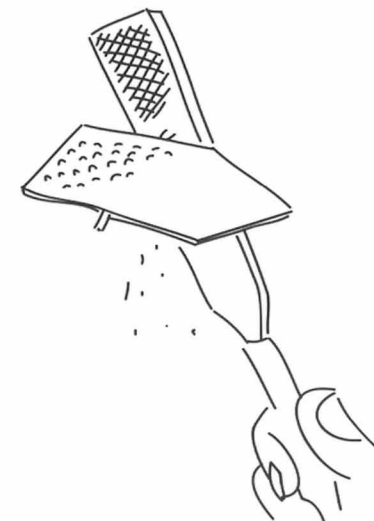
## REMOVING PE



Be careful not to hurt when removing PE parts.

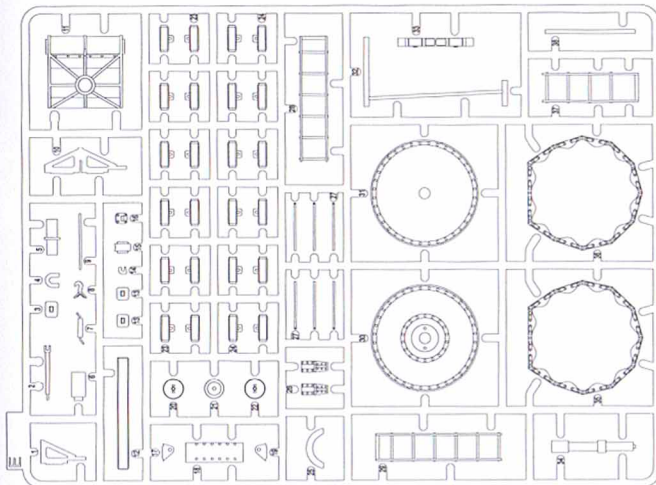
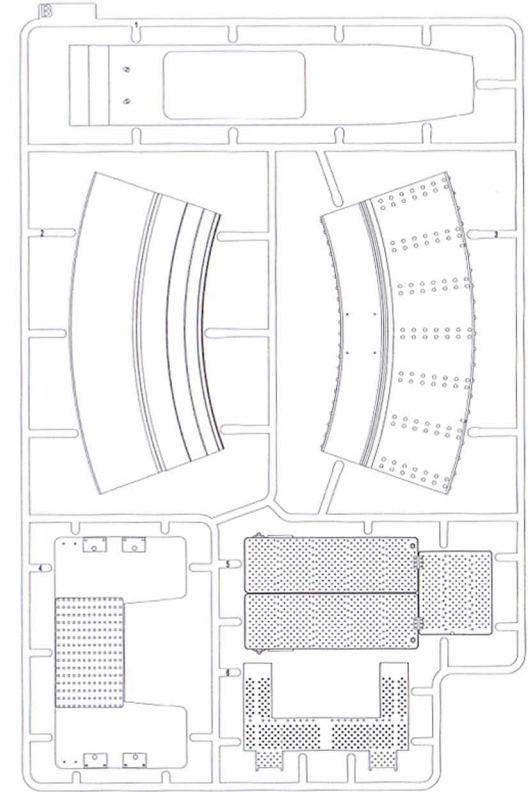
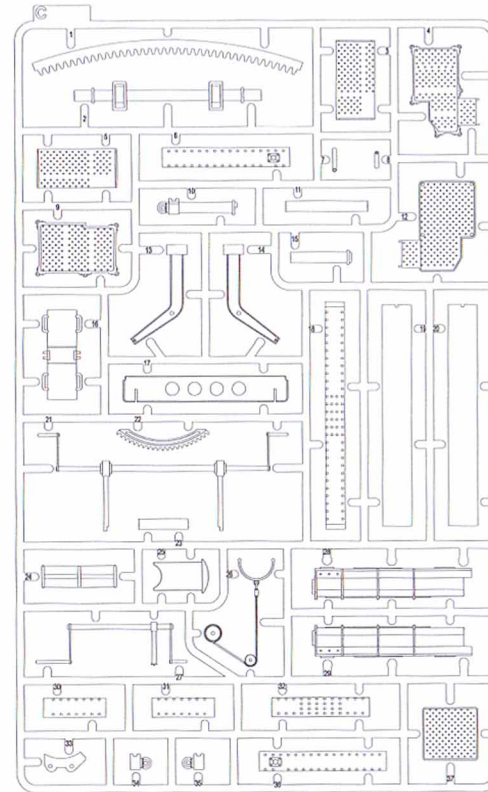
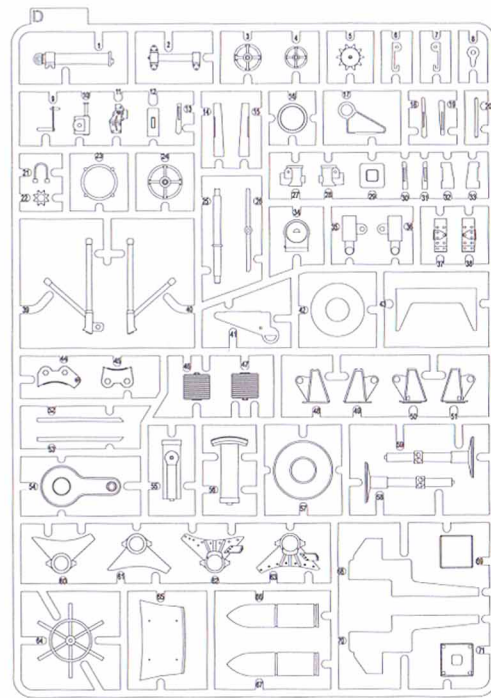
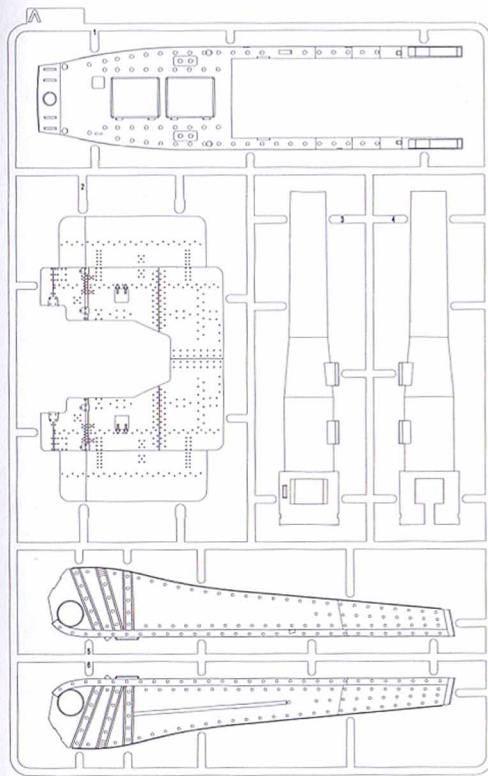


Secure using instant glue (not included).



Finish using file.

# PARTS

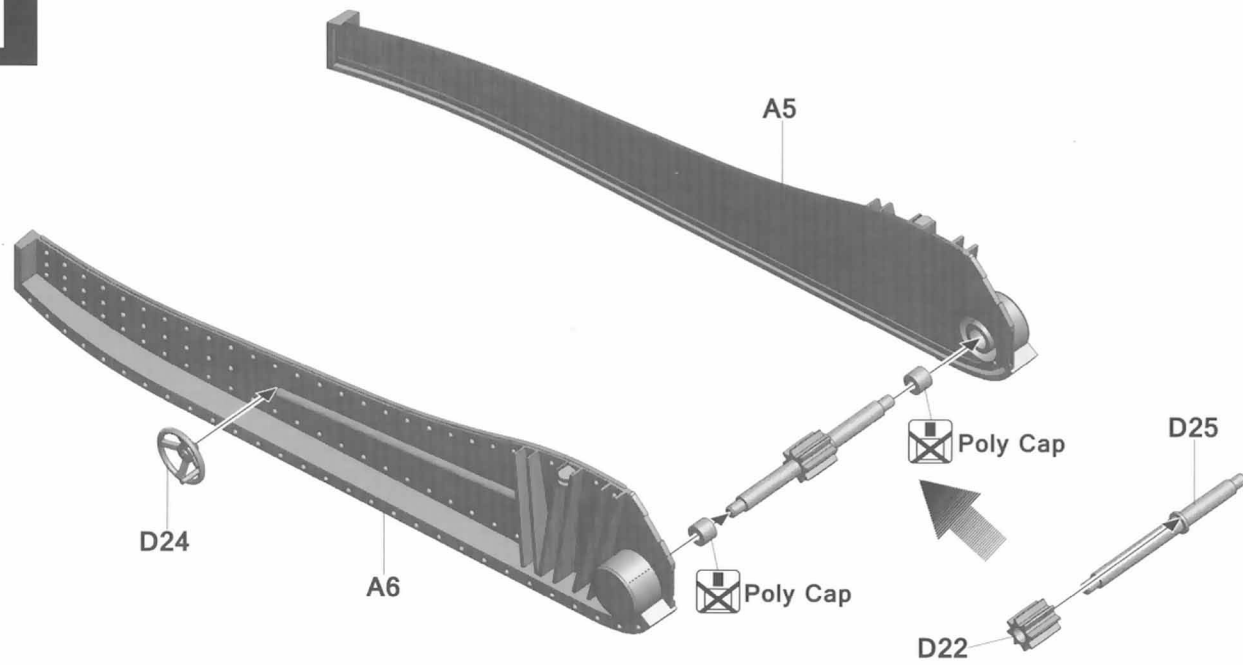


X2

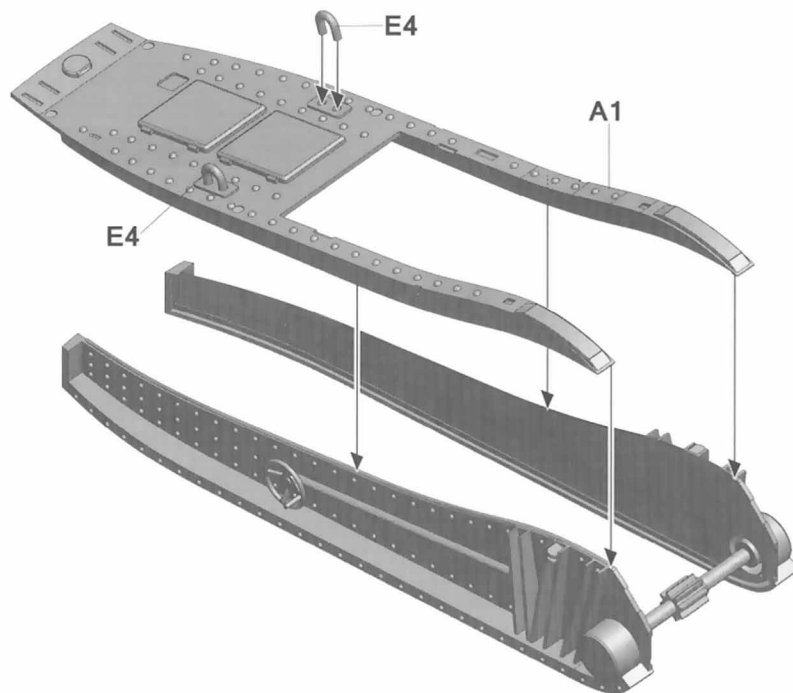
©  
Poly cap  
X2

Chain  
X2

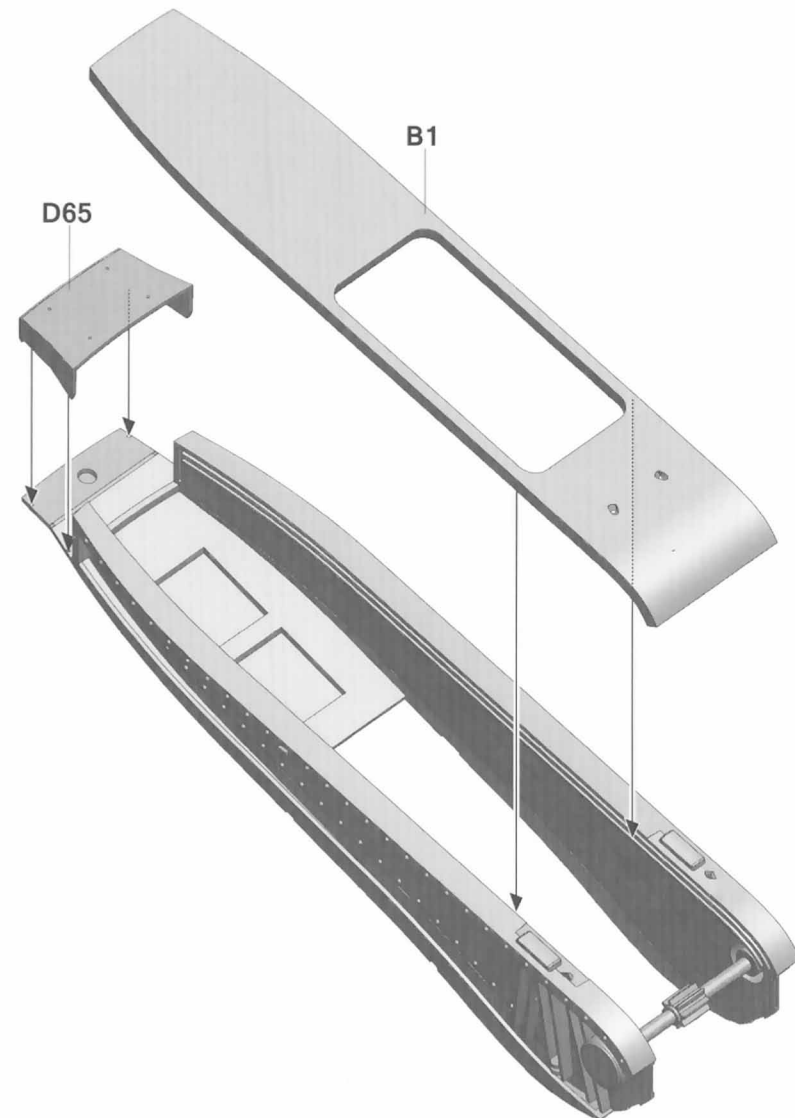
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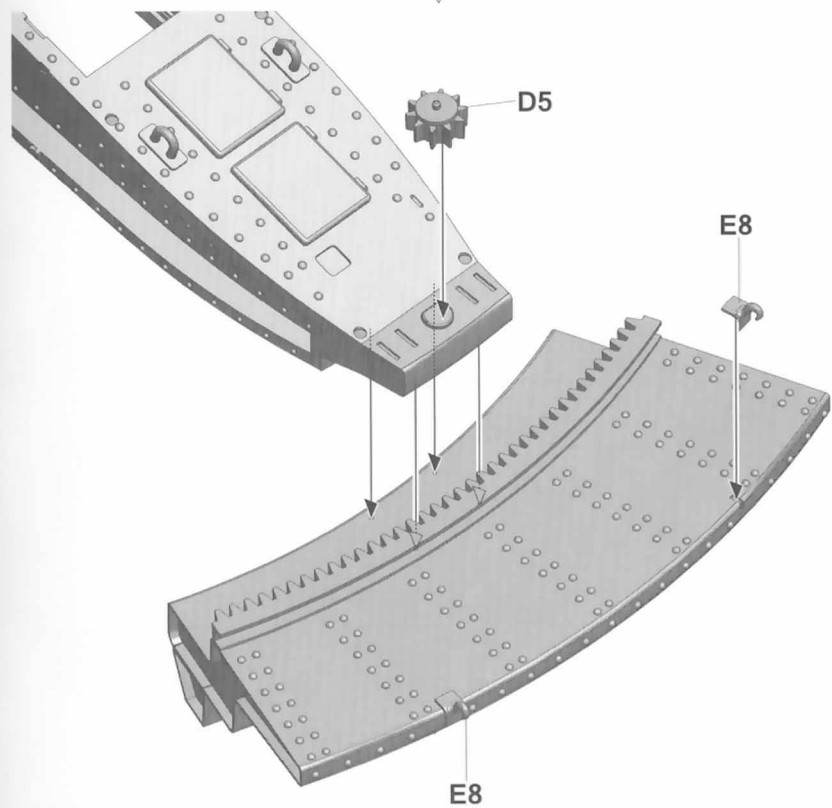
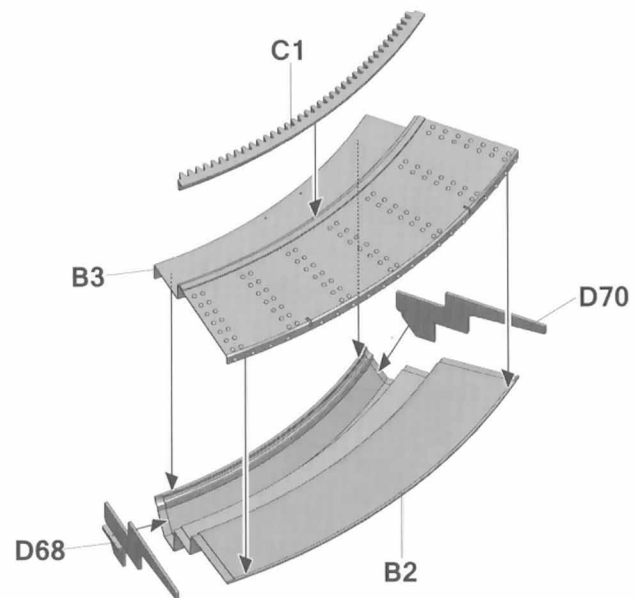
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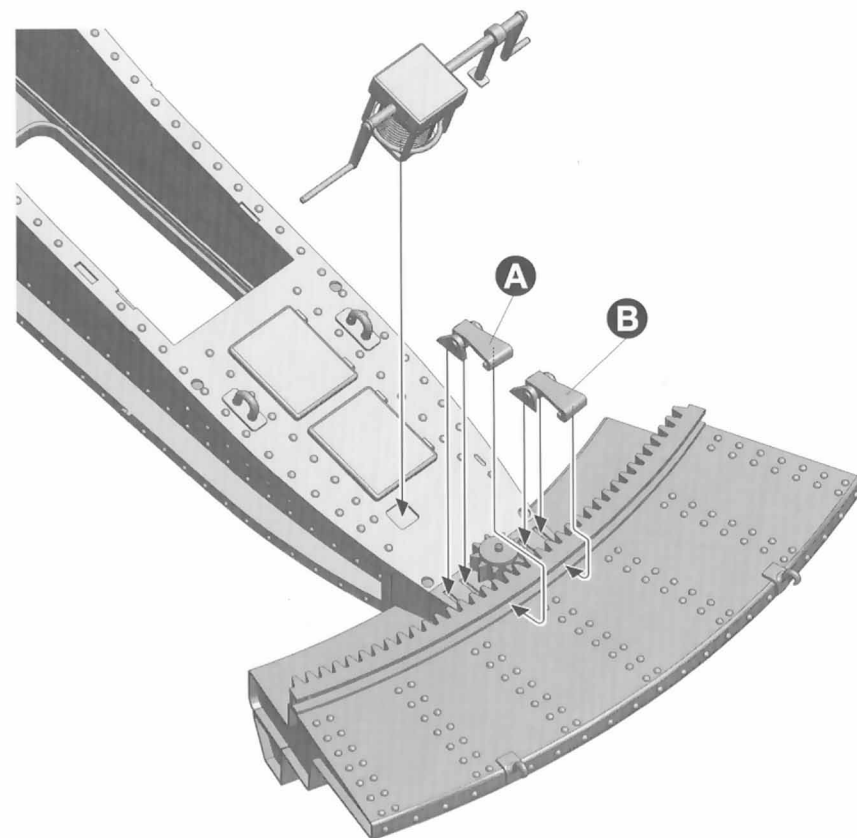
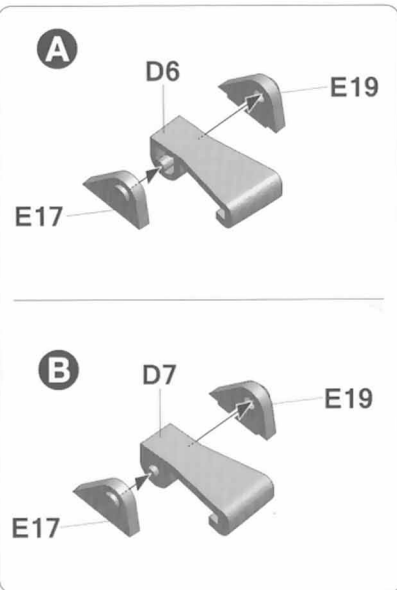
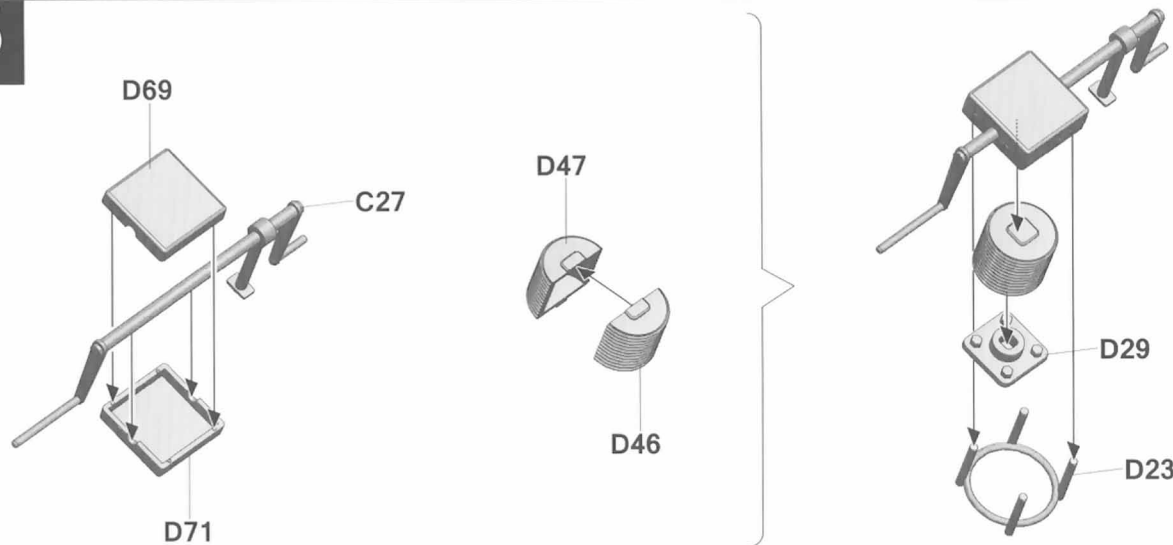
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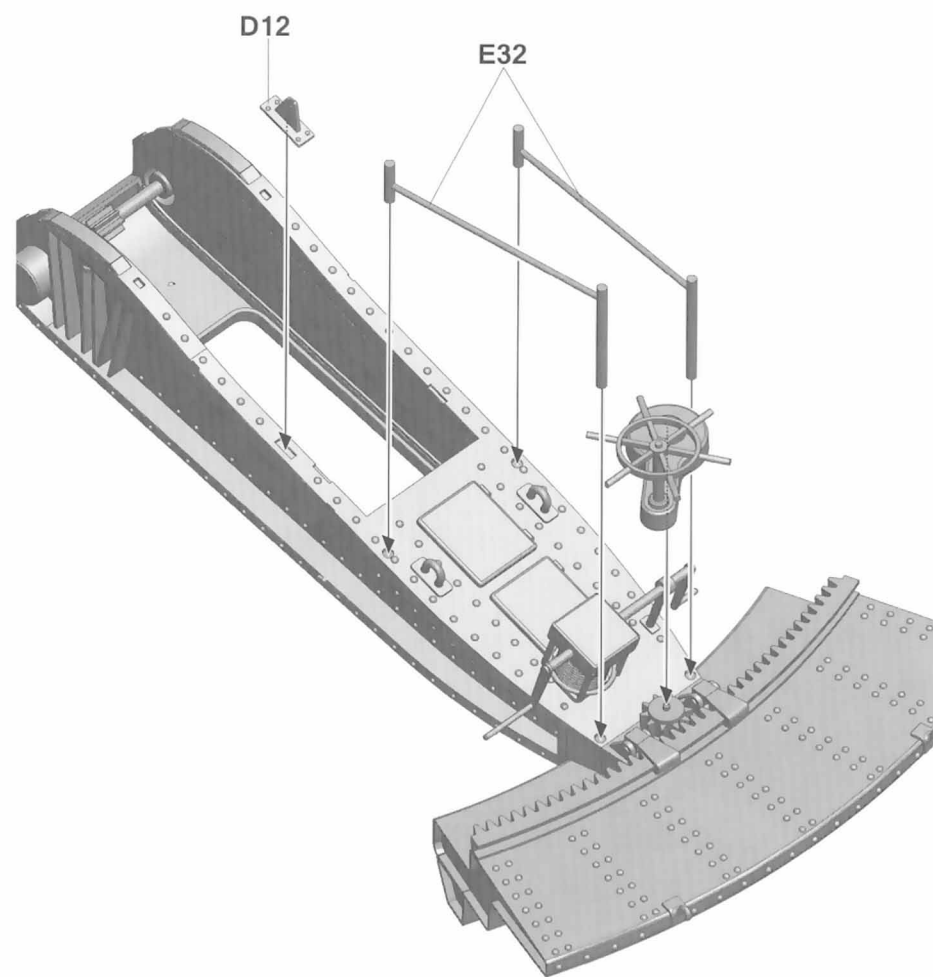
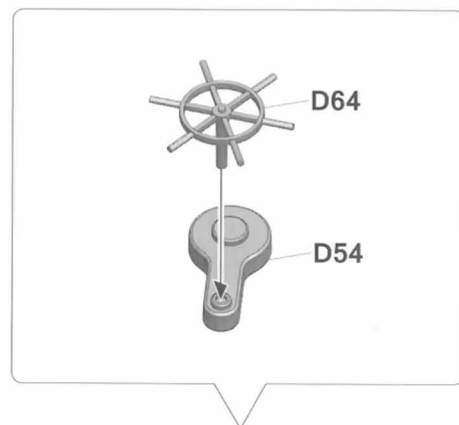
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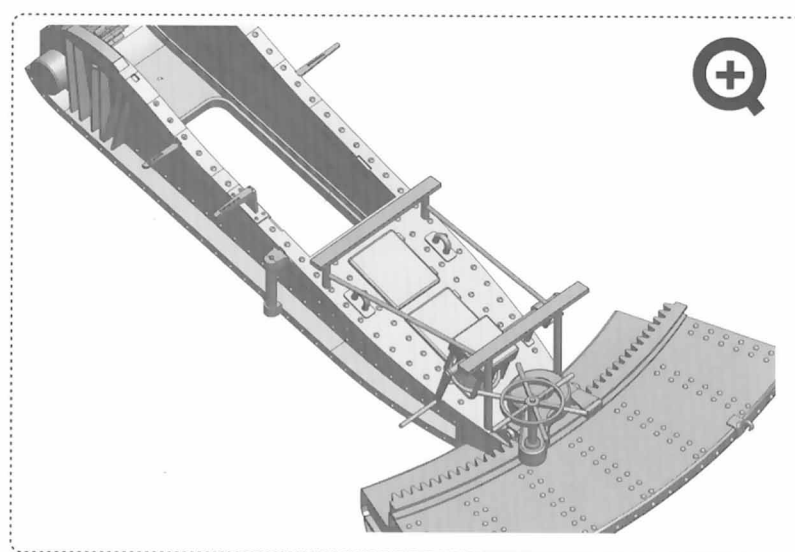
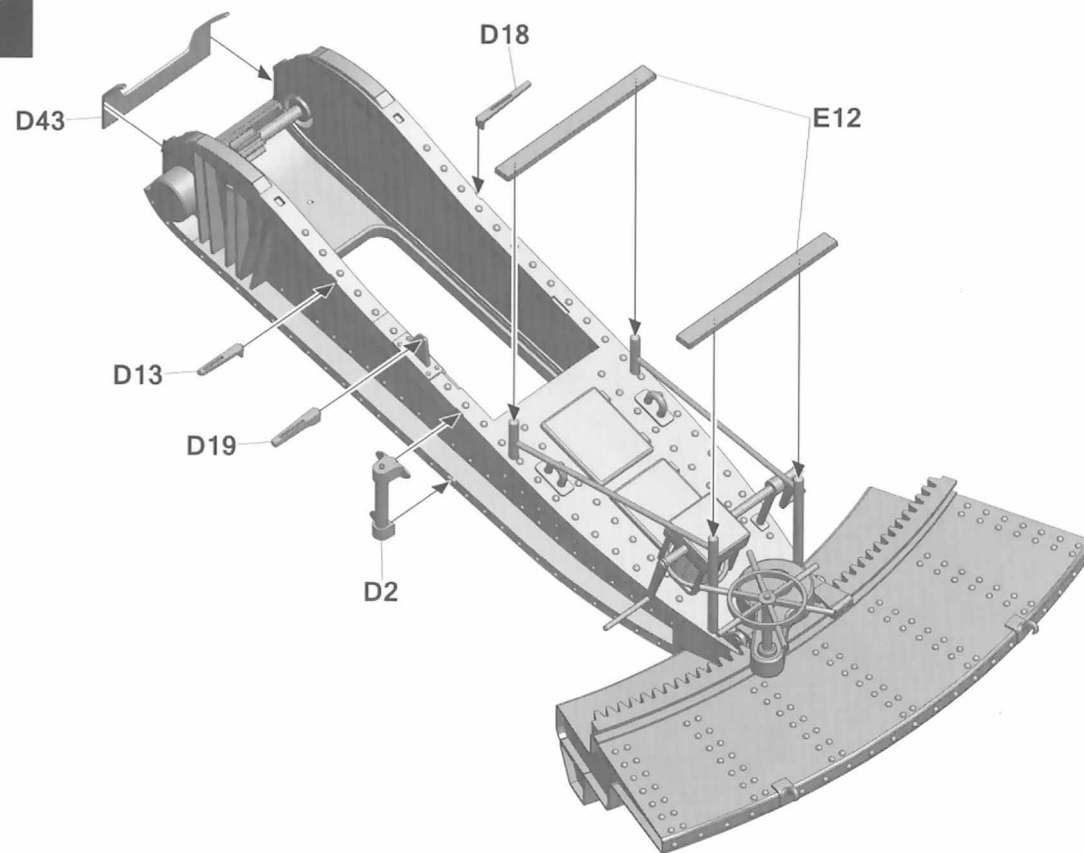
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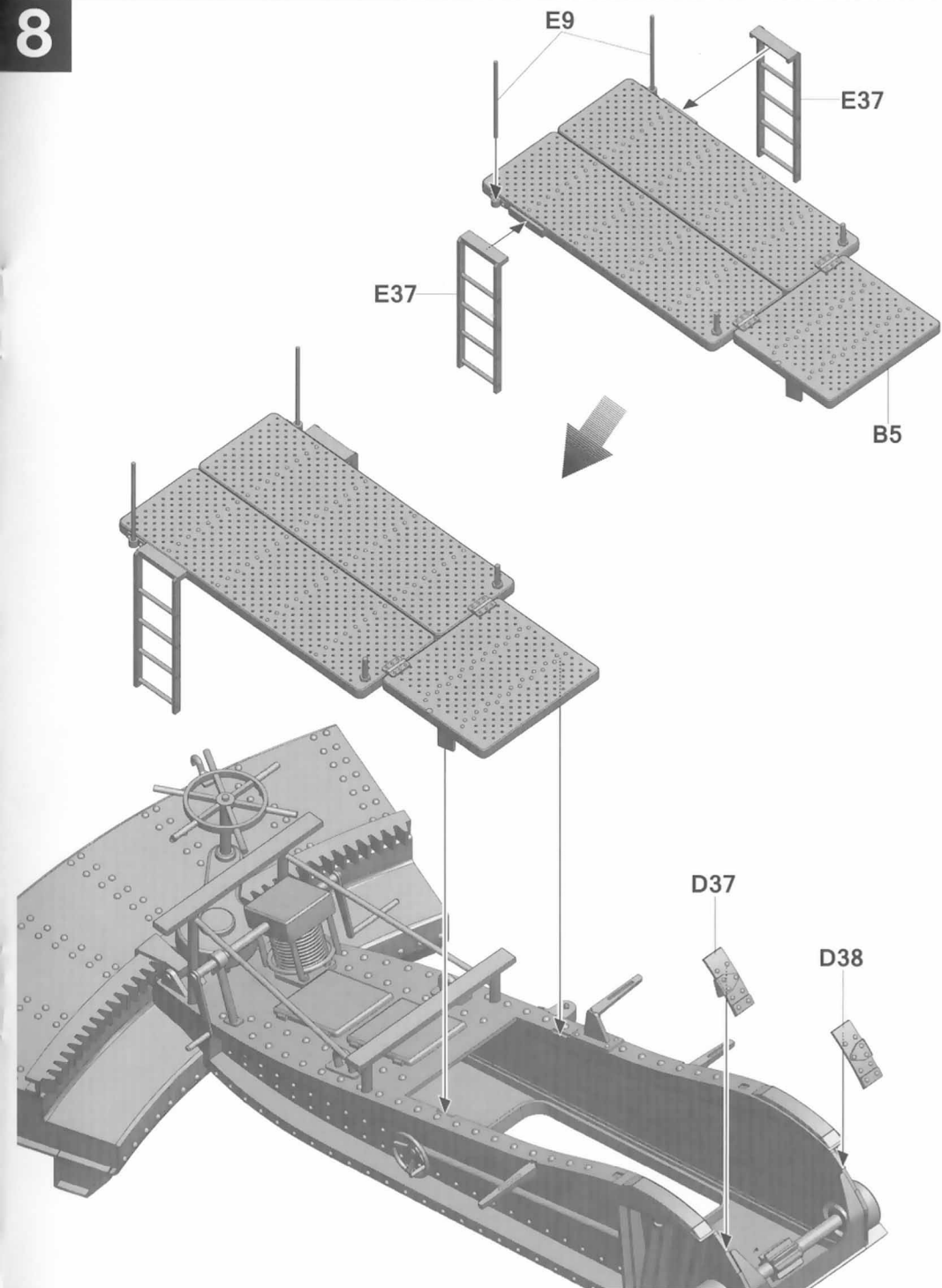


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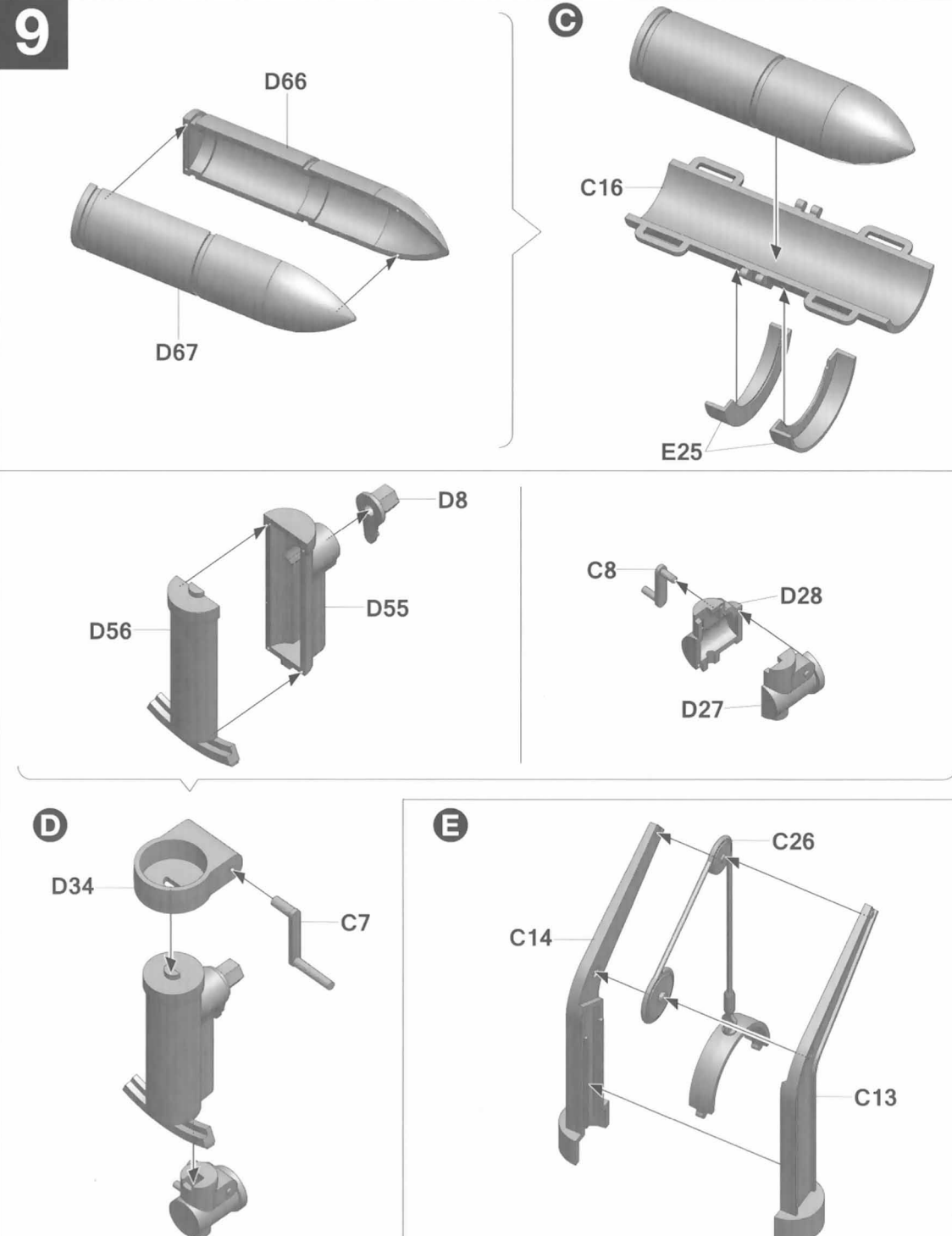


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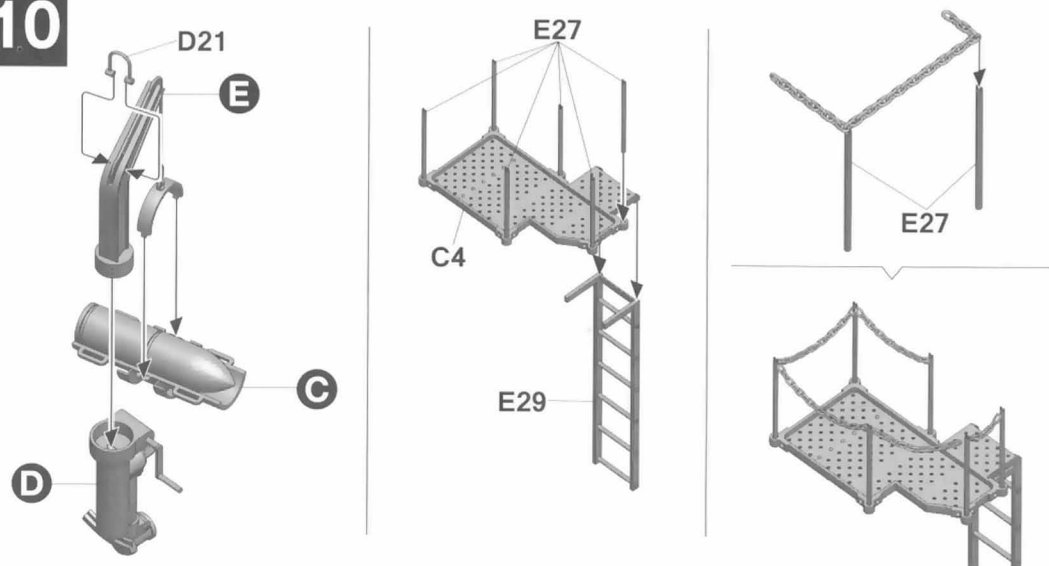


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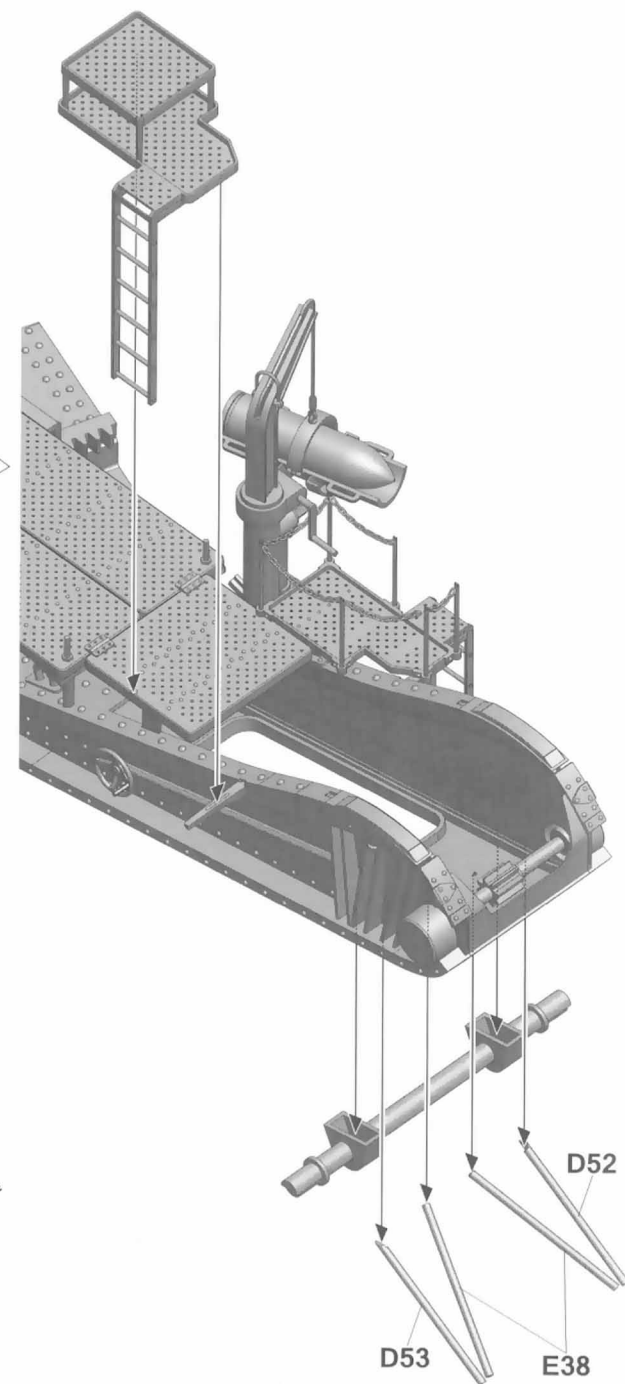
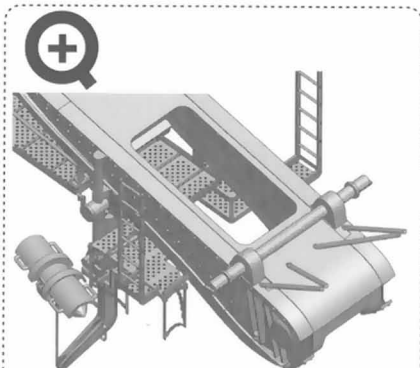
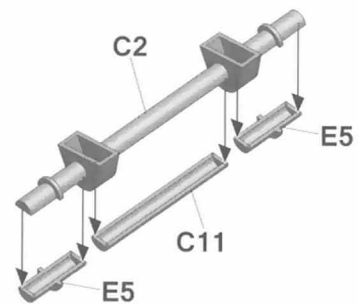
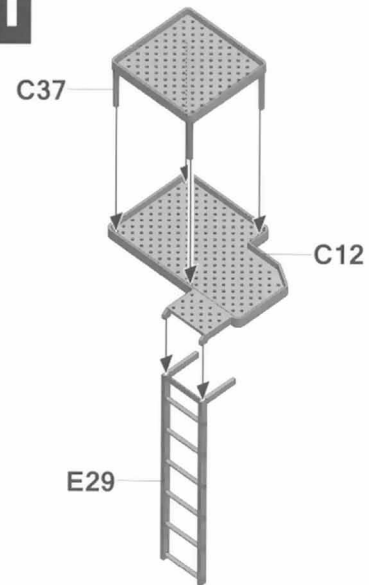


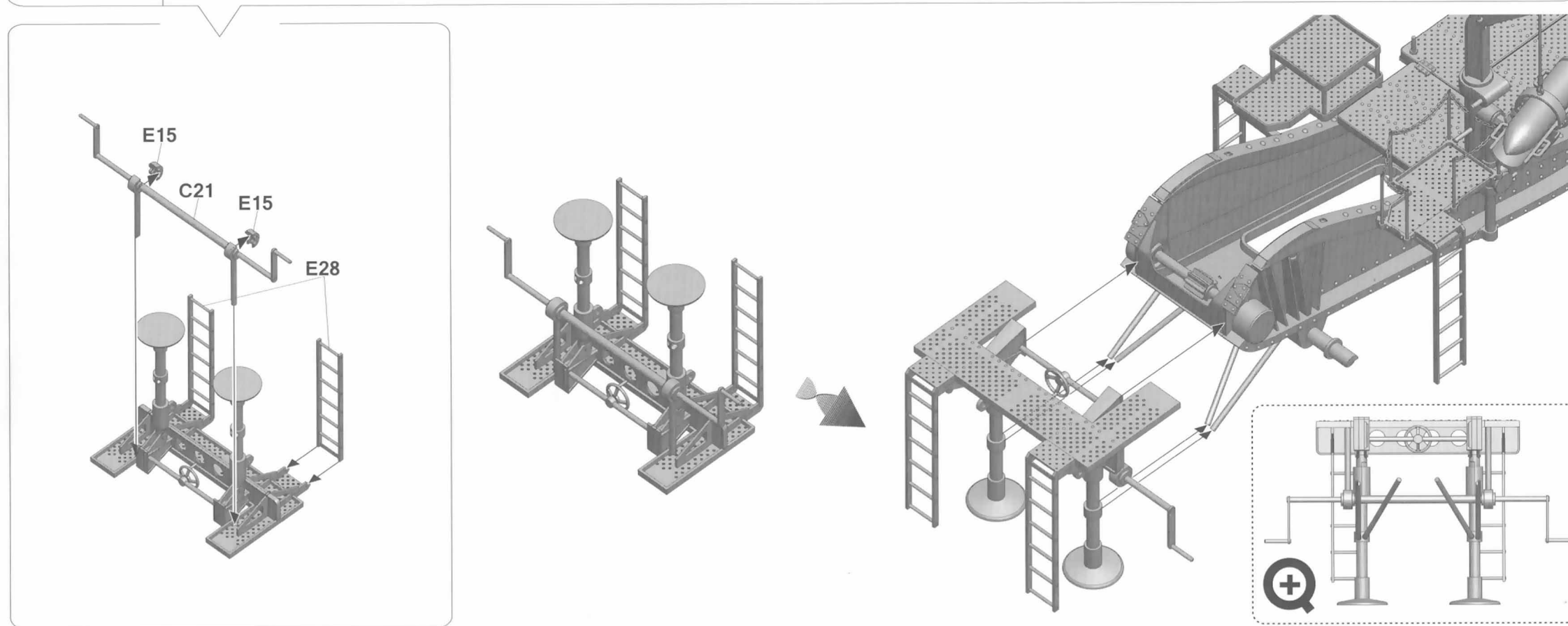
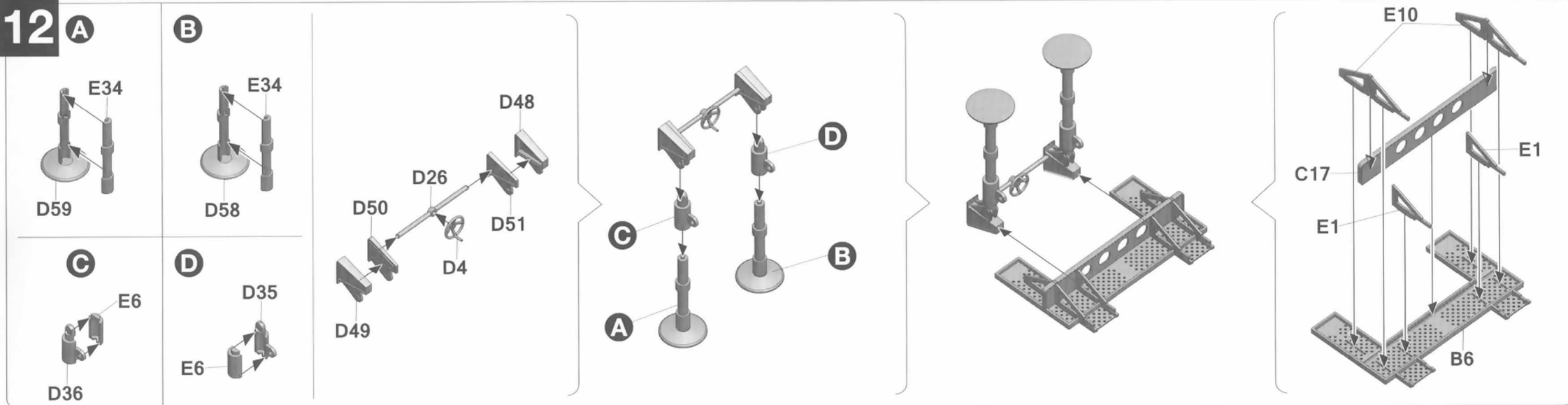
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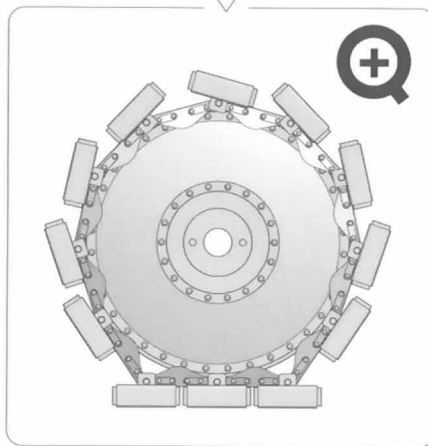
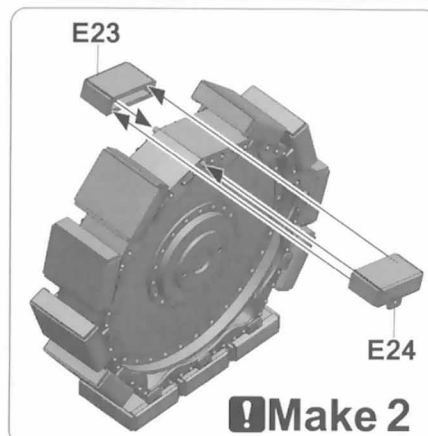
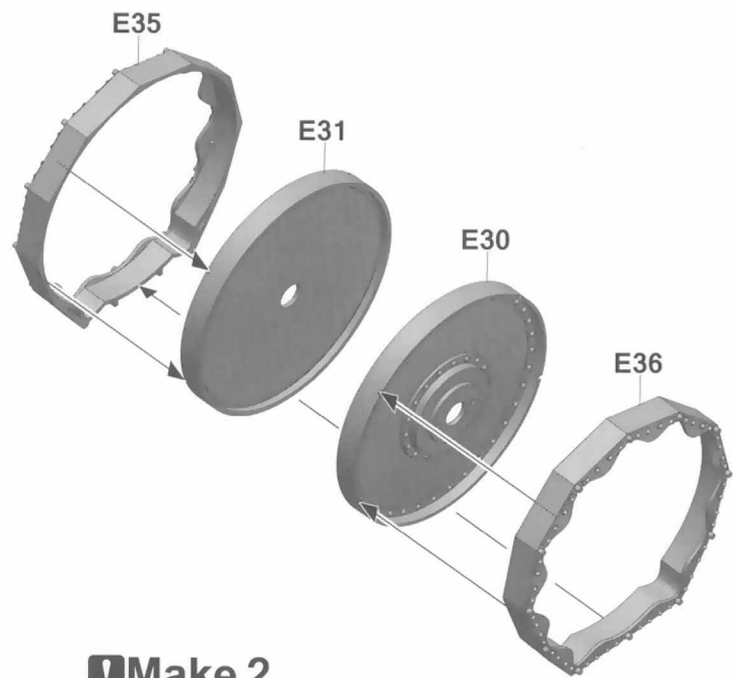


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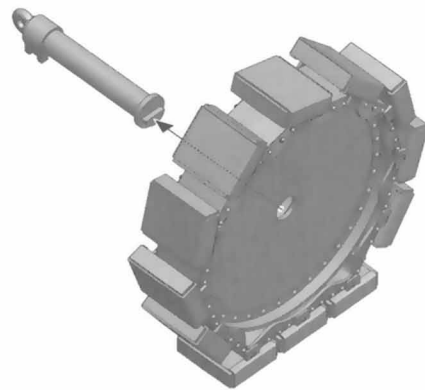
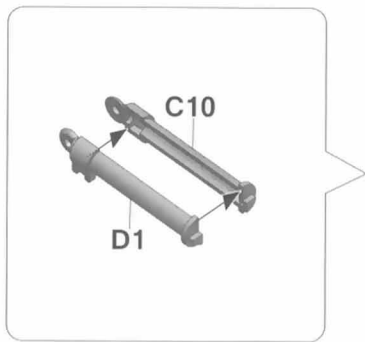




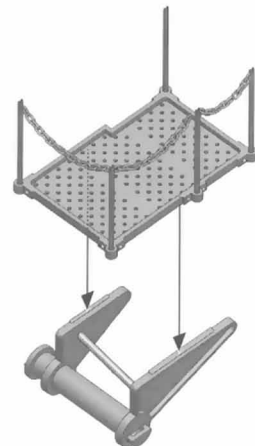
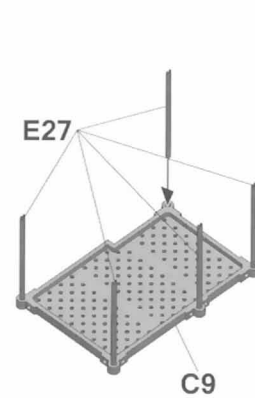
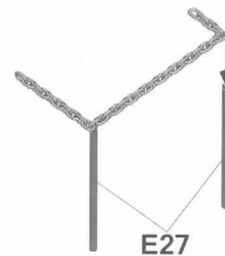
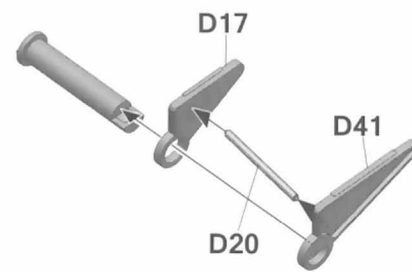
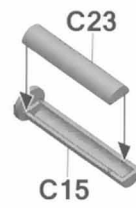
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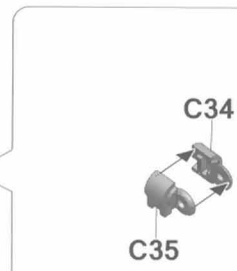
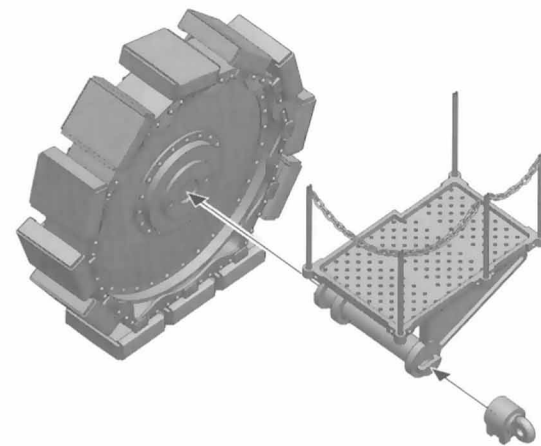
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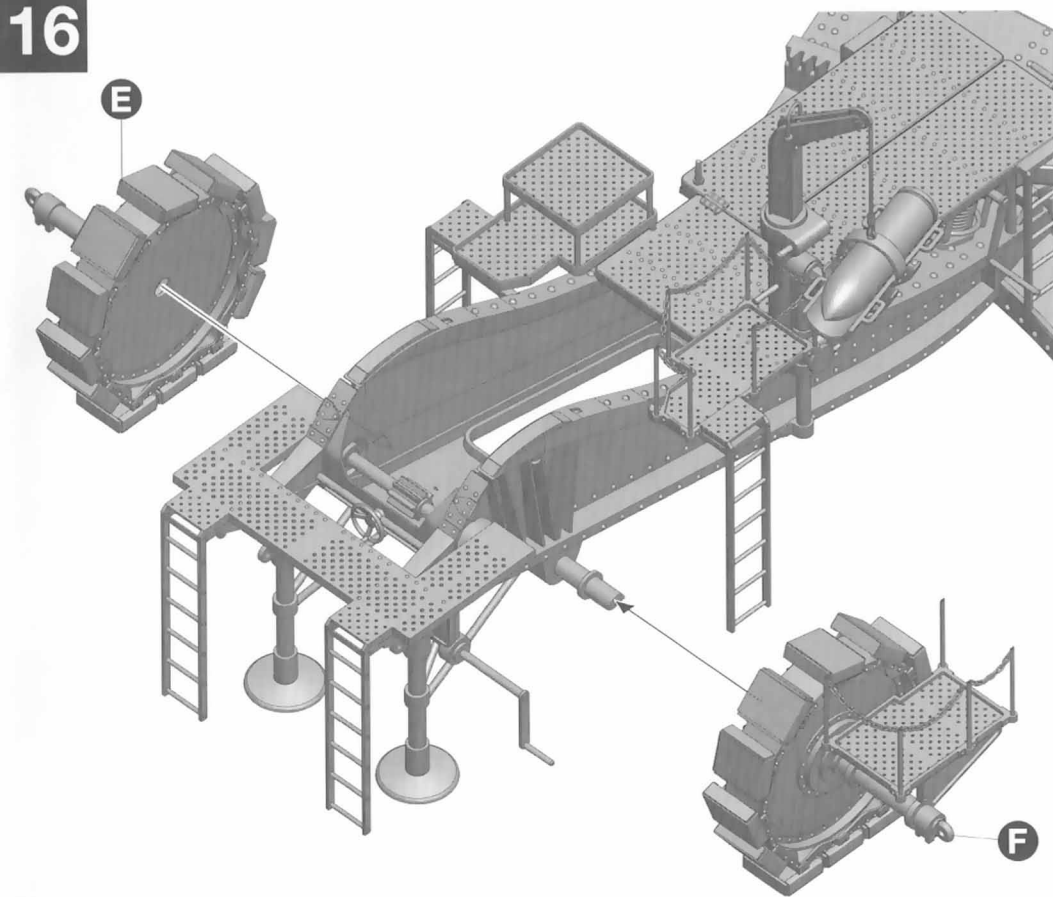
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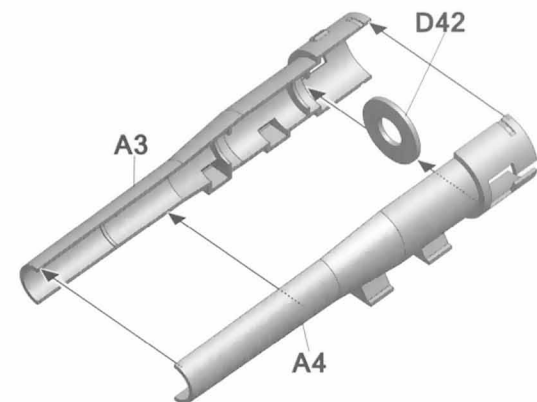
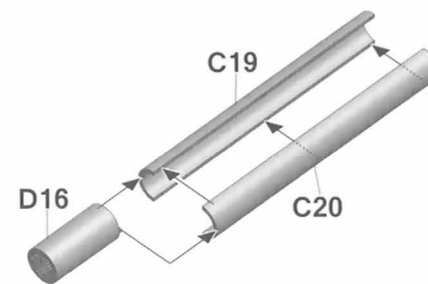
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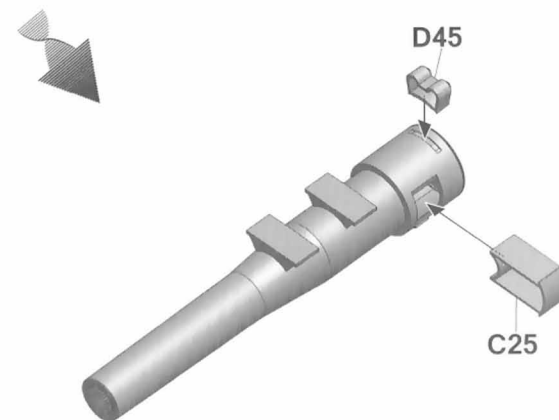
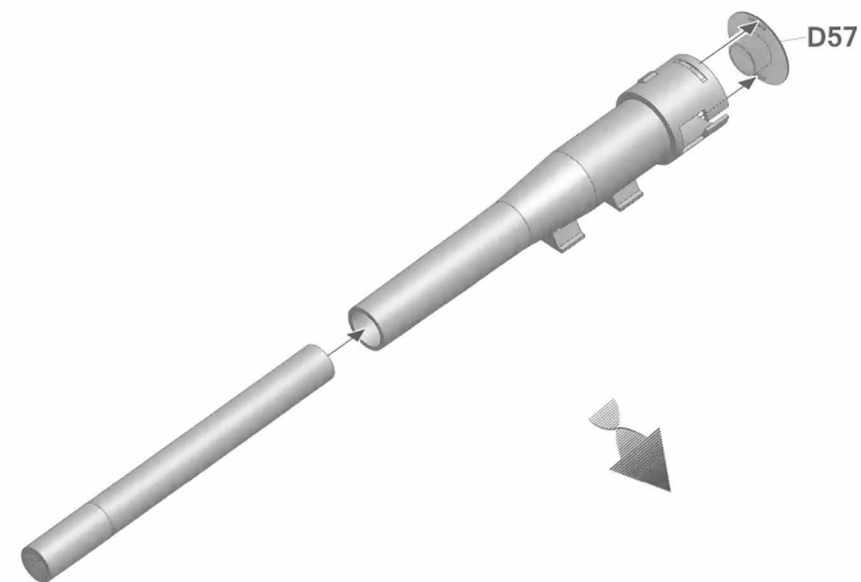
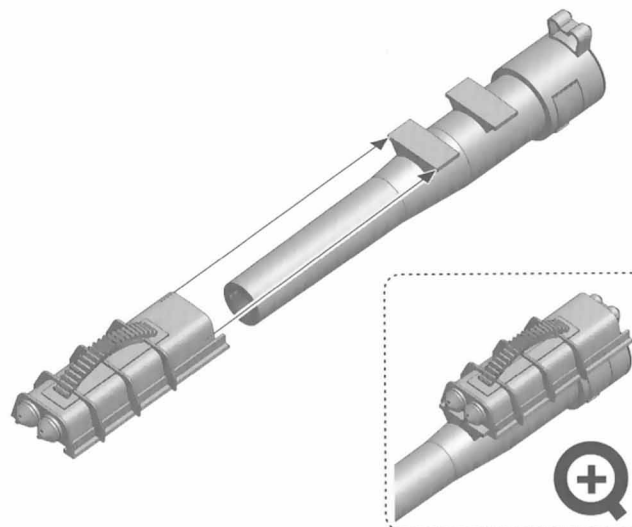
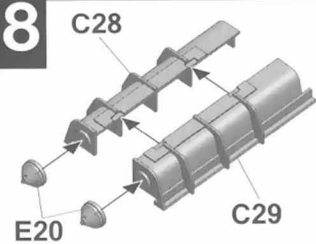
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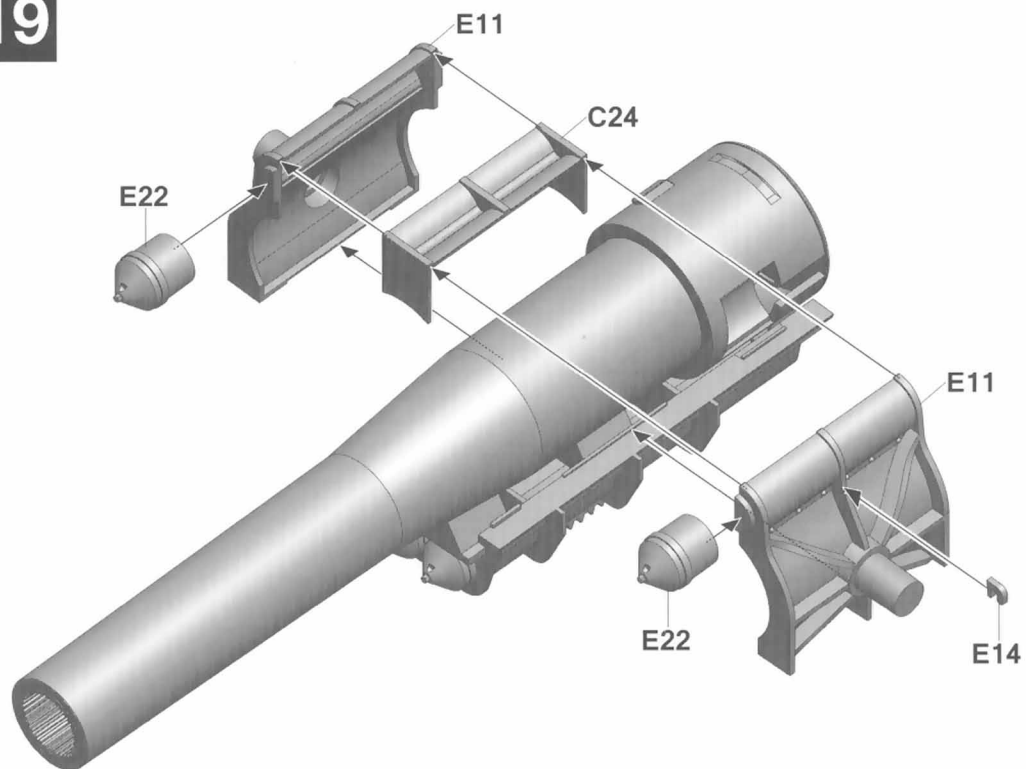
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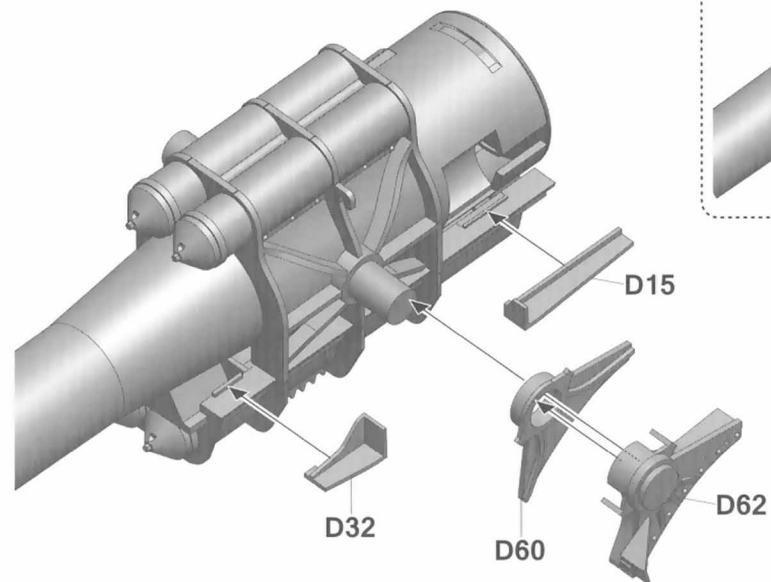
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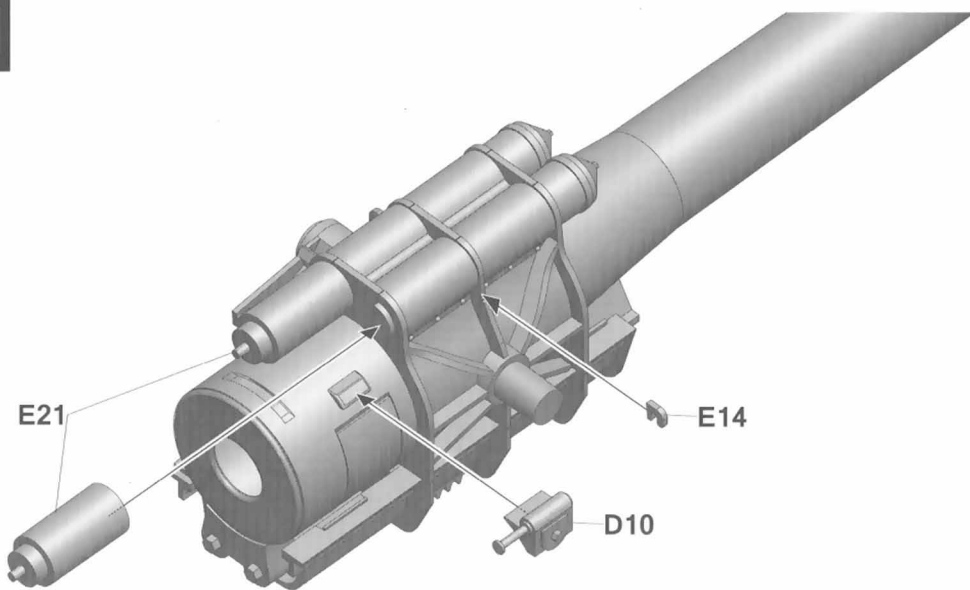
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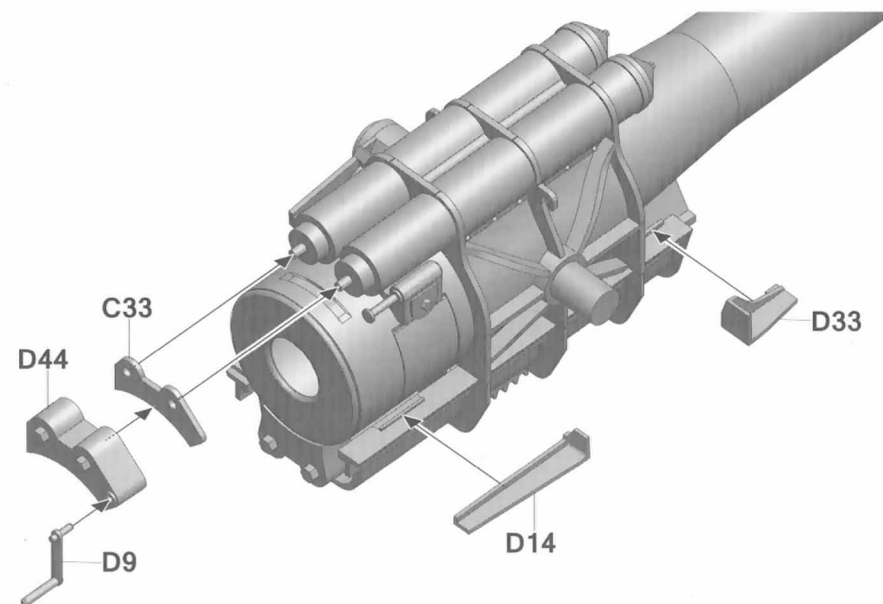
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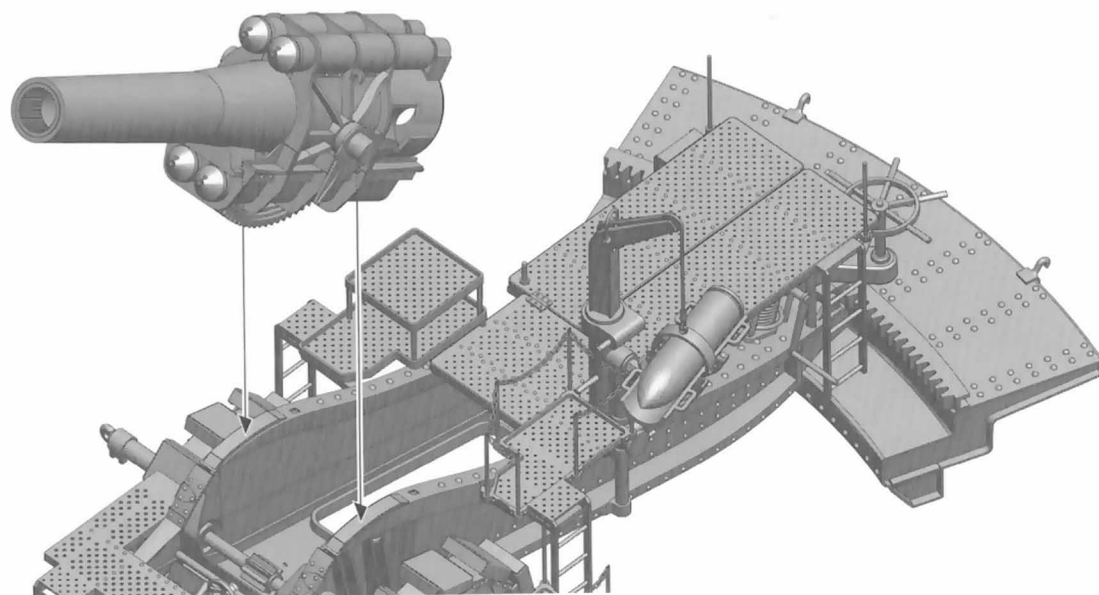
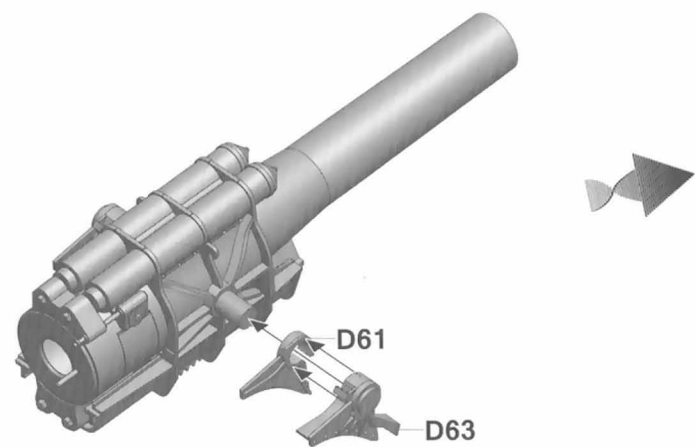
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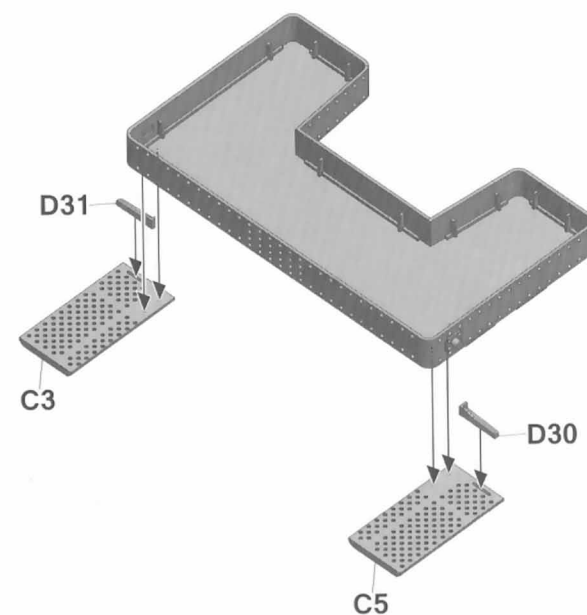
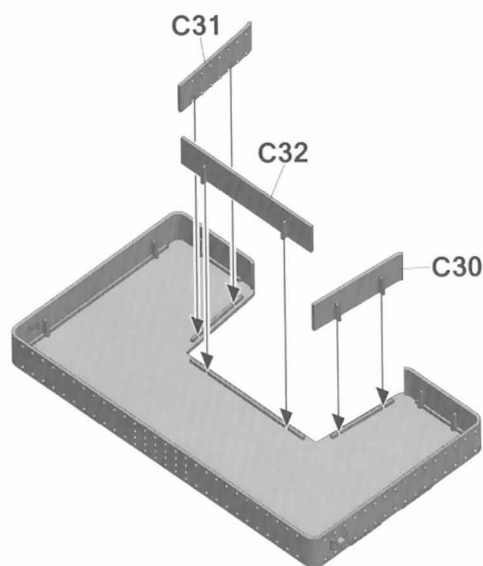
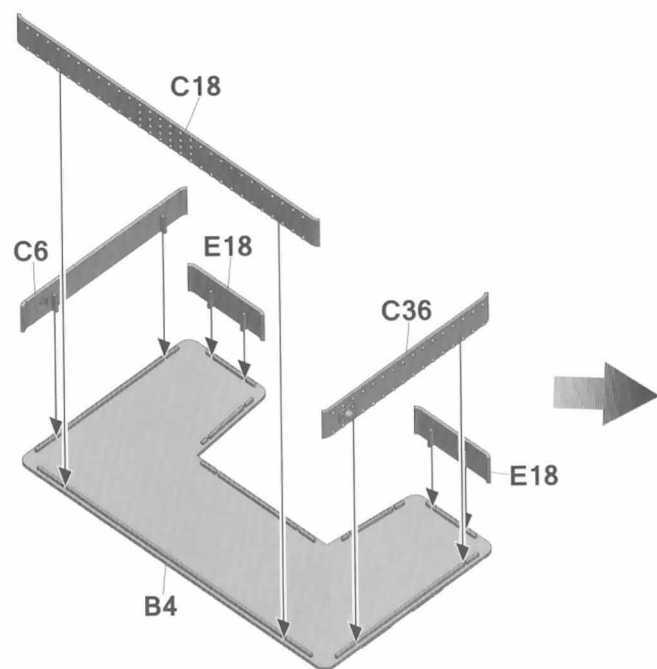
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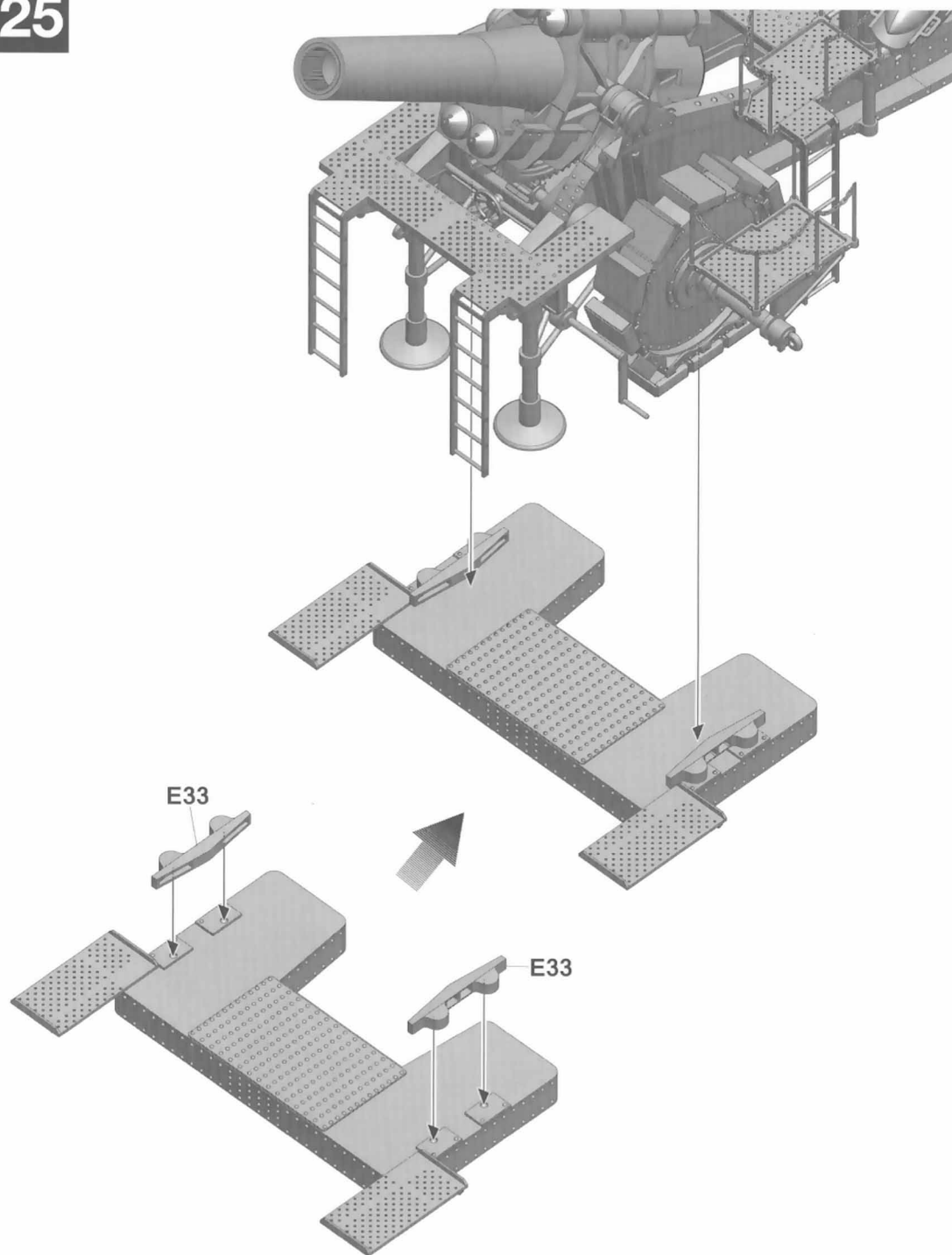
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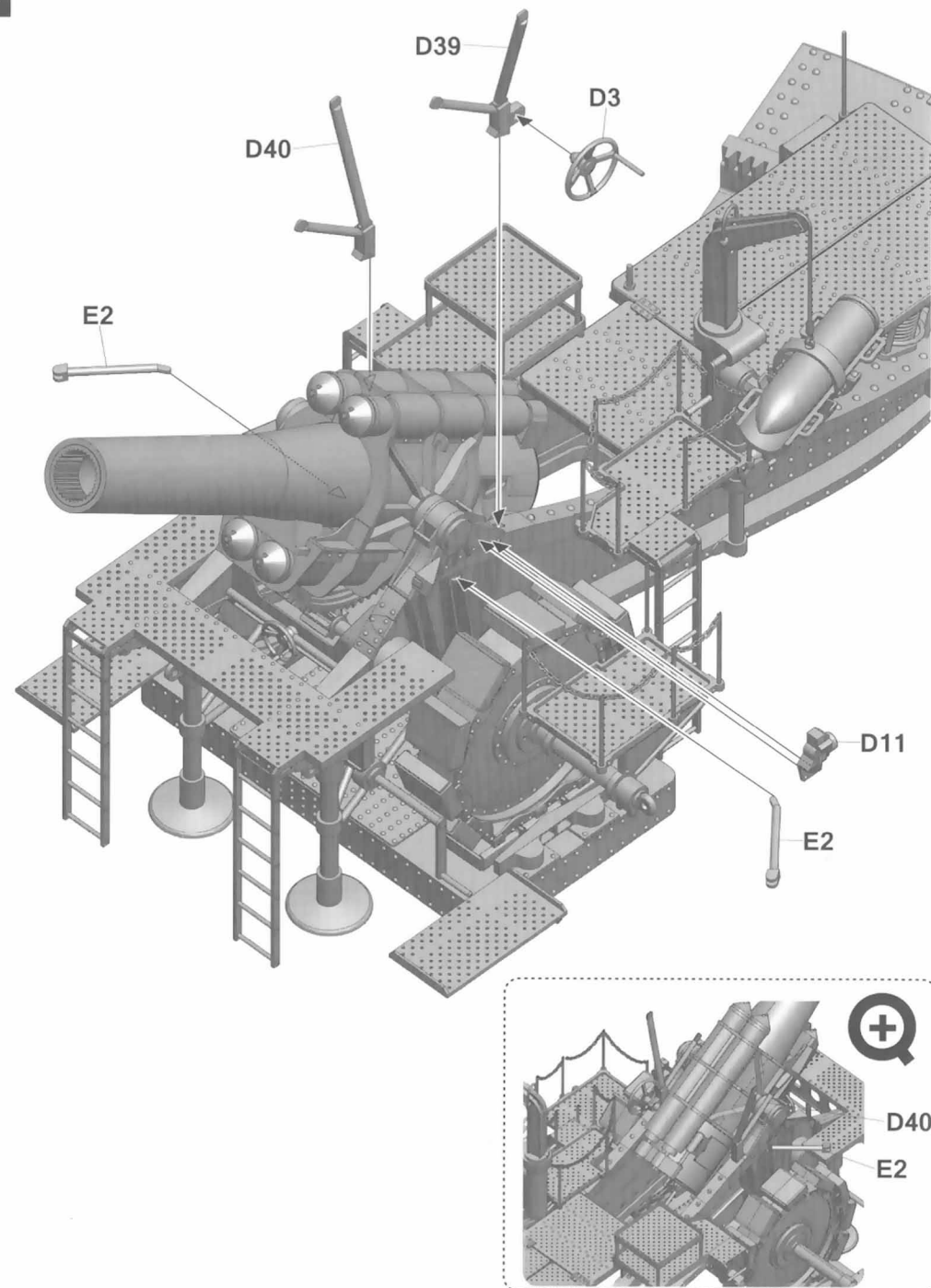
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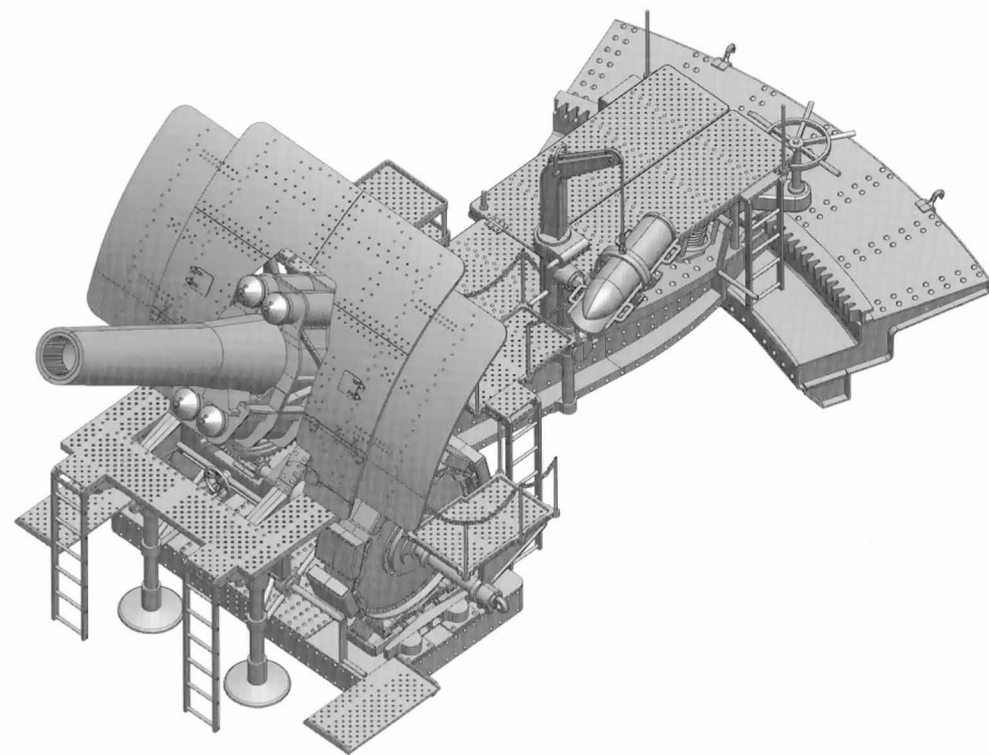
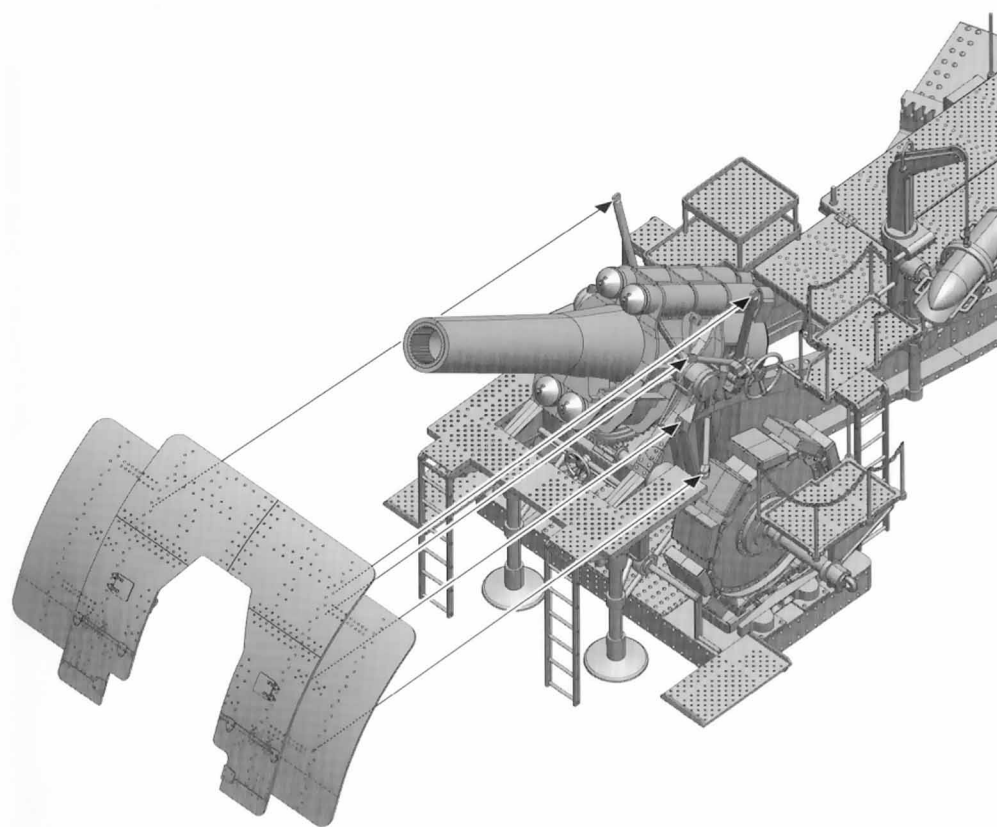
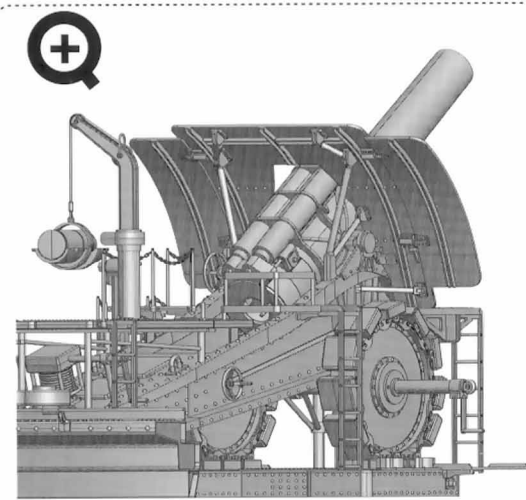
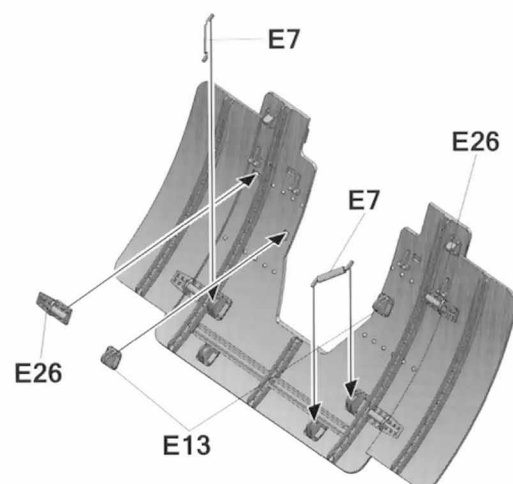
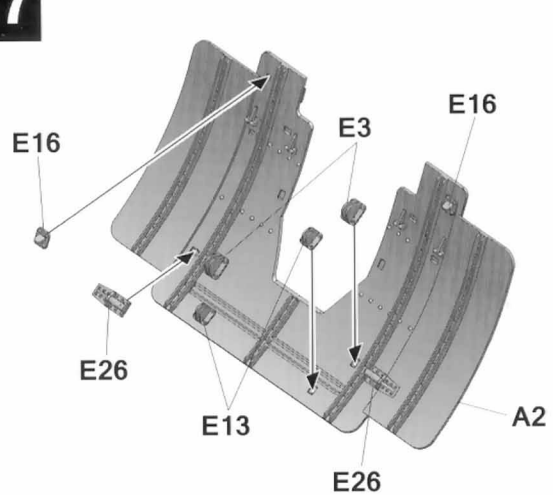


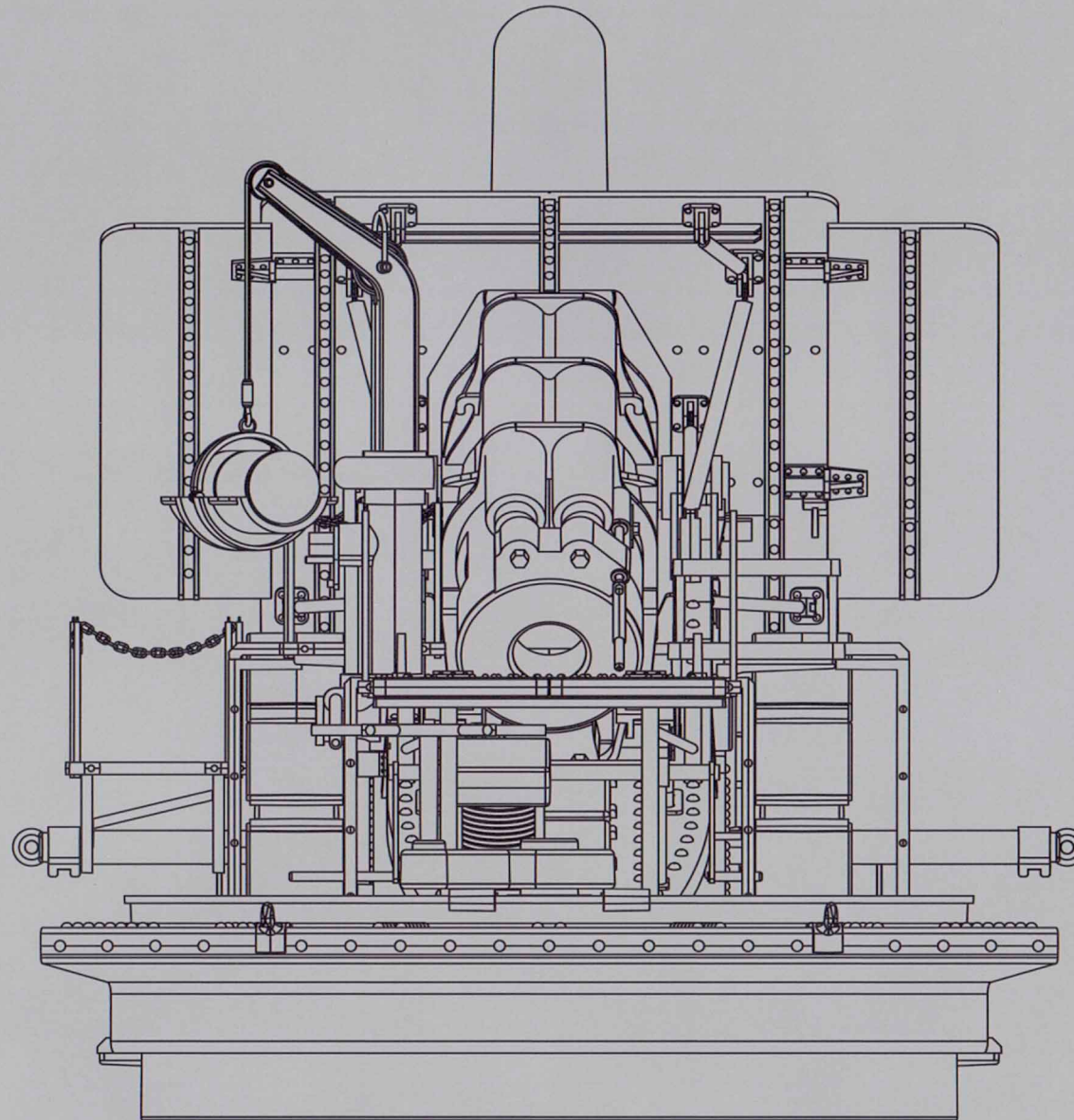
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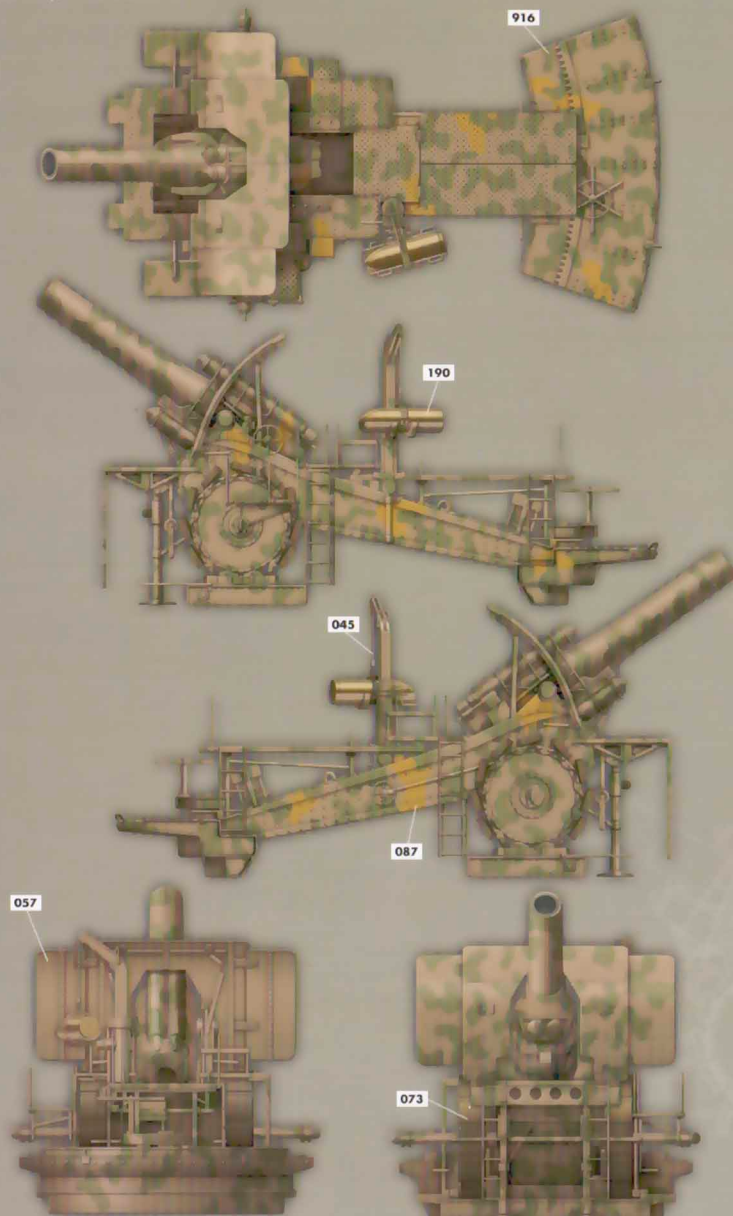


## Painting and Marking Guide

**A.MIG 045** Gun Metal    **A.MIG 073** Earth    **A.MIG 190** Old Brass    **A.MIG 057** Yellow Grey

**A.MIG 087** Ochre Earth    **A.MIG 916** Green Grass

Big Bertha in German Army; WWI, unknown unit

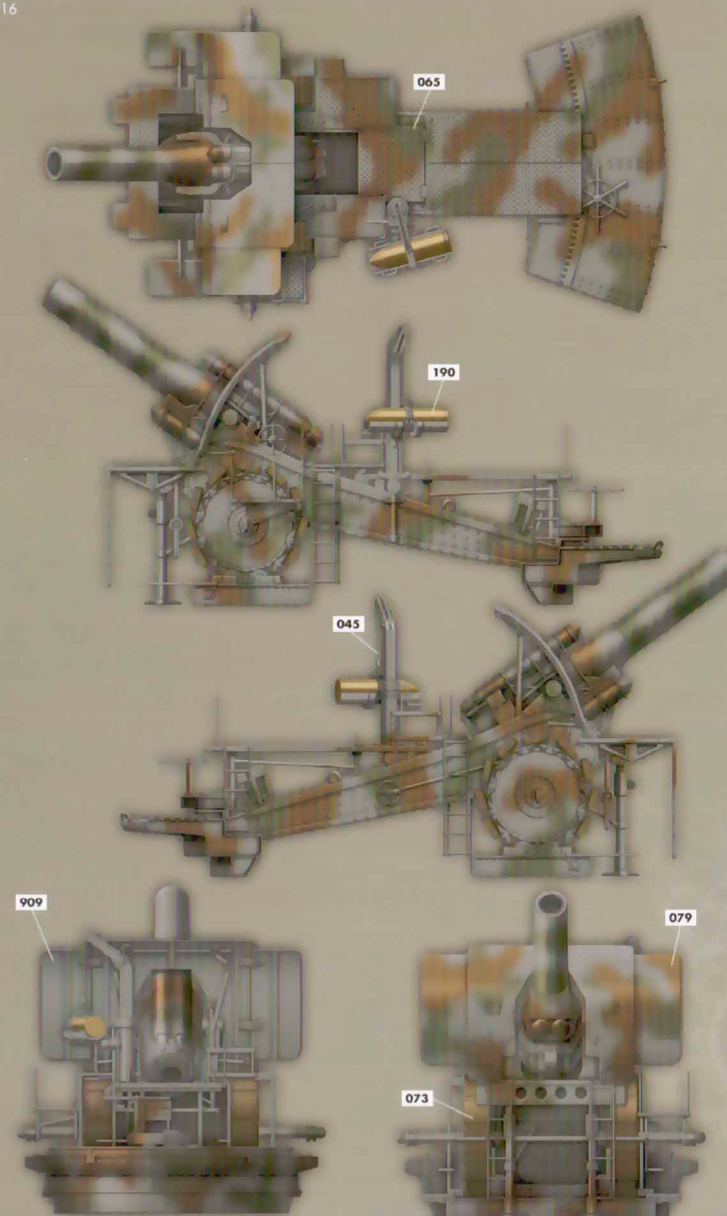


## Painting and Marking Guide

**A.MIG 045** Gun Metal    **A.MIG 073** Earth    **A.MIG 190** Old Brass    **A.MIG 065** Forest Green

**A.MIG 079** Clay Brown    **A.MIG 909** Grey Light Base

Big Bertha in German Army; WWI, unknown unit, Verdun Battle; 1916



## Painting and Marking Guide

A.MIG 045

Gun Metal

A.MIG 073

Earth

A.MIG 190

Old Brass

A.MIG 061

Warm Sand Yellow

A.MIG 076

Clay Brown

A.MIG 077

Dull Green

Big Bertha was shipped to Alberdeen Proving Grounds after the war, 1919

