

Silo Truck

(Silo)

Building instructions, part 1



EXAMPLE

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Information

Dimensions

# Parts	Length	Width	Height	Weight
2.835	56 cm	14,5 cm	22,5 cm 34,5 cm*	3,2 kg

* With full raised Silo

Technic functions

- 4 axle truck with working V8 engine, interconnected with differential units on both rear twin-wheel axles,
- Working ventilator units and cooling fan,
- Steering on the 1st and 2nd axle, manually operated from the top,
- Power Functions (M motor driven),
 - Cabin ability to tilt, driven by 2 PF mini linear actuators
 - Outrigger extension at rear side
 - Pneumatic system for loading/unloading the mobile Silo
- Rear bumper extension,
- Silo bucket open/close.

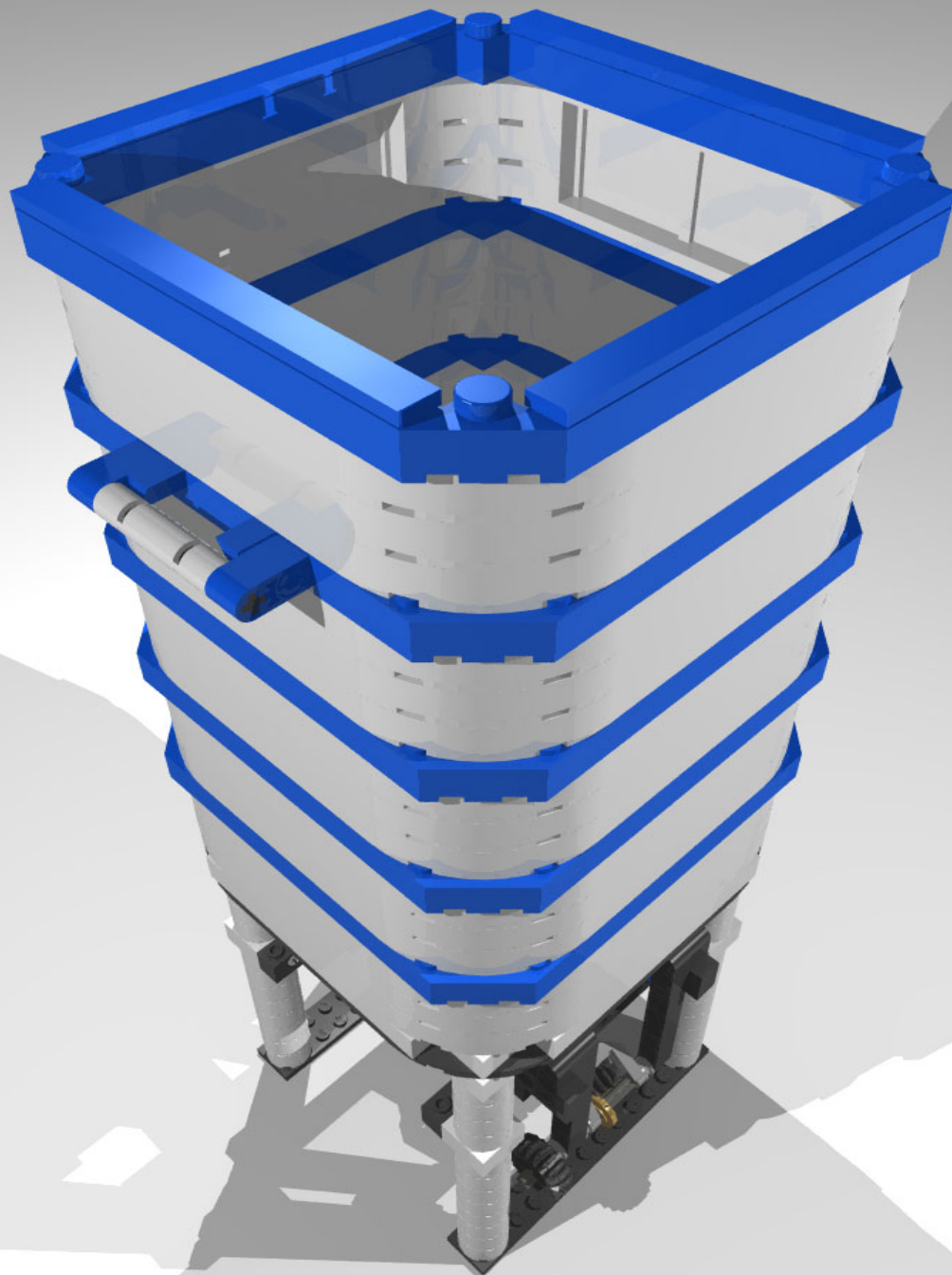
Non-Technic functions

- Cabin doors and grille can open & close,
- Raise-able wind deflector.

Appearance details

- Cabin interior with 2 seats and folding sleeping bed,
- Air compressors between wheels, exhaust pipes, air conditioning units, flashlights and horns.



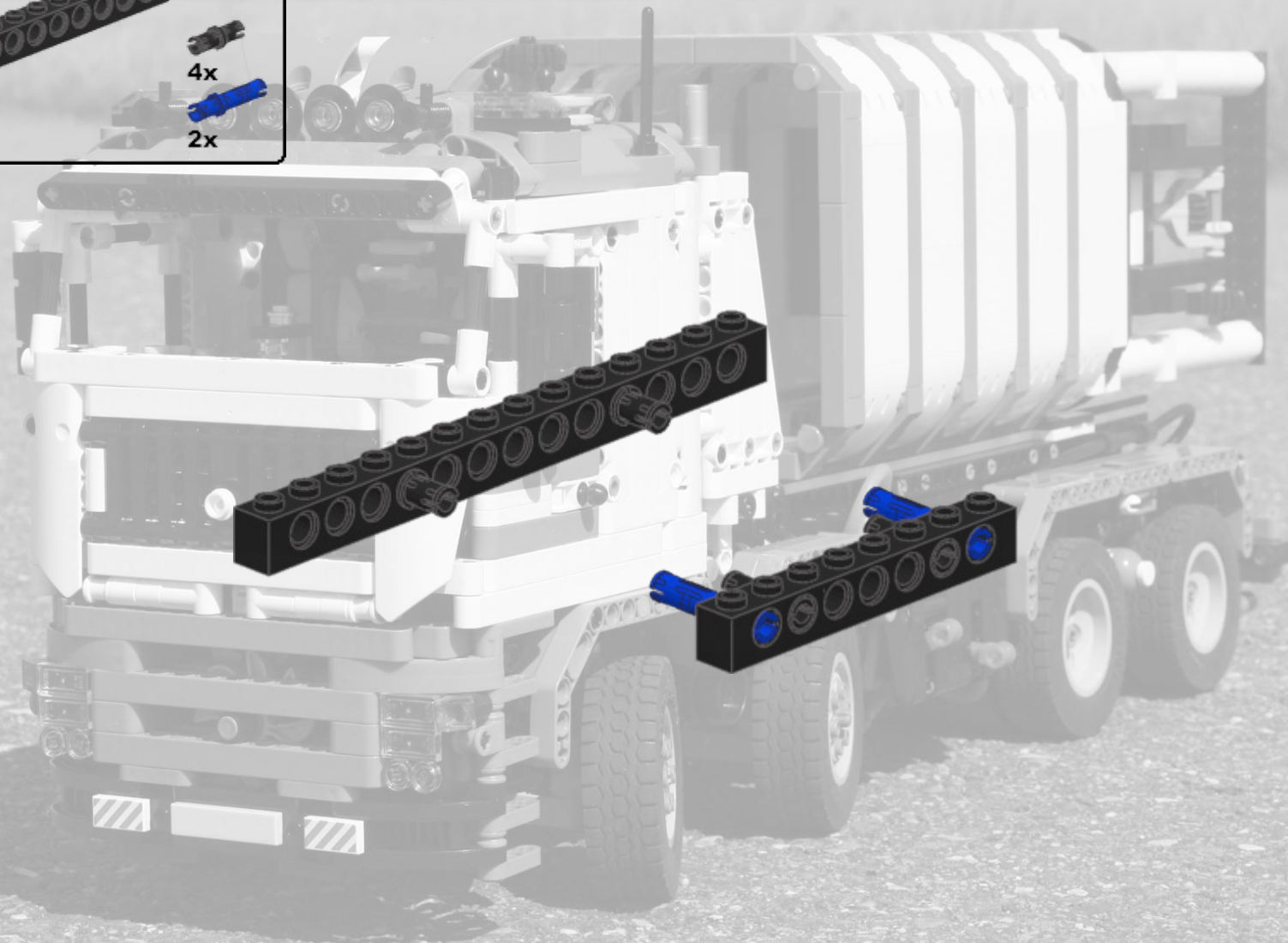
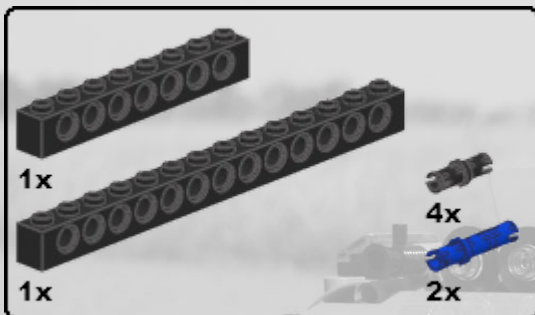


EXAMPLE

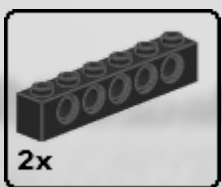
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Step 1



Step 2



EXAMPLE

Step 3



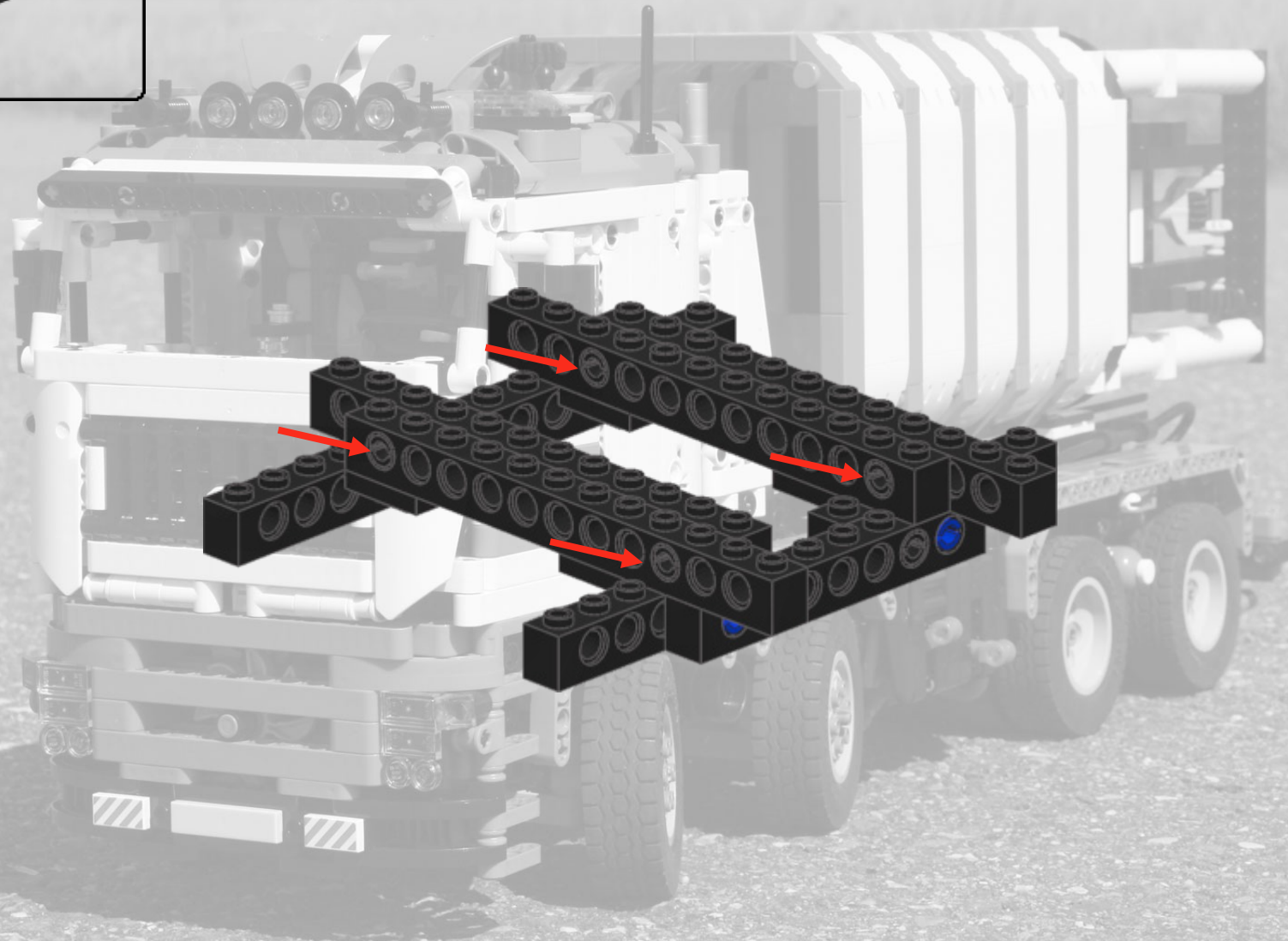
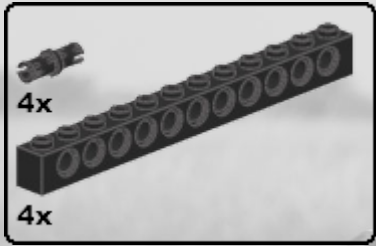
With one hole



EXAMPLE



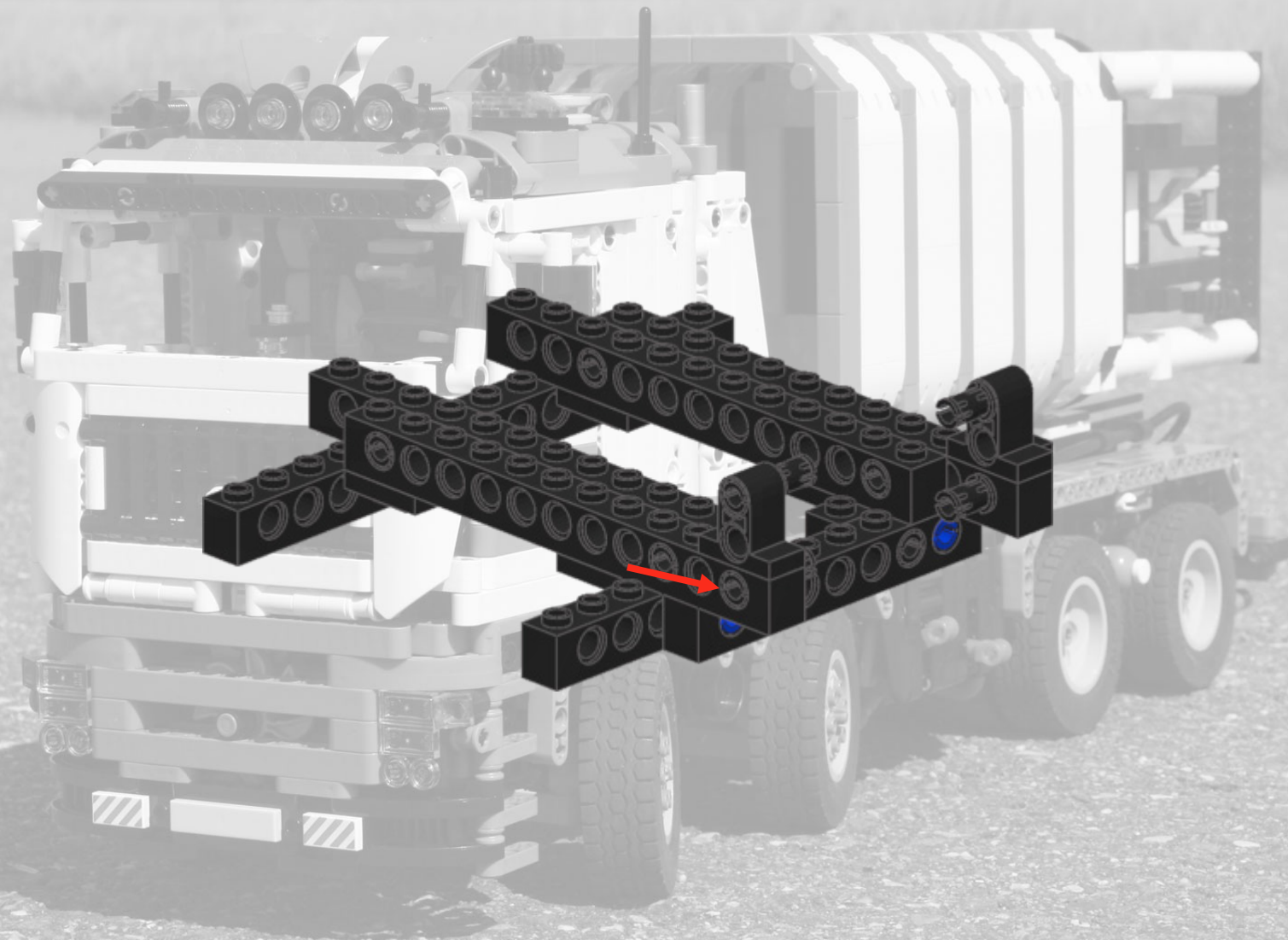
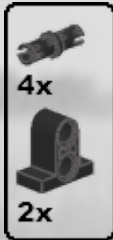
Step 4



EXAMPLE



Step 5



EXAMPLE



4x

Last step 44



EXAMPLE

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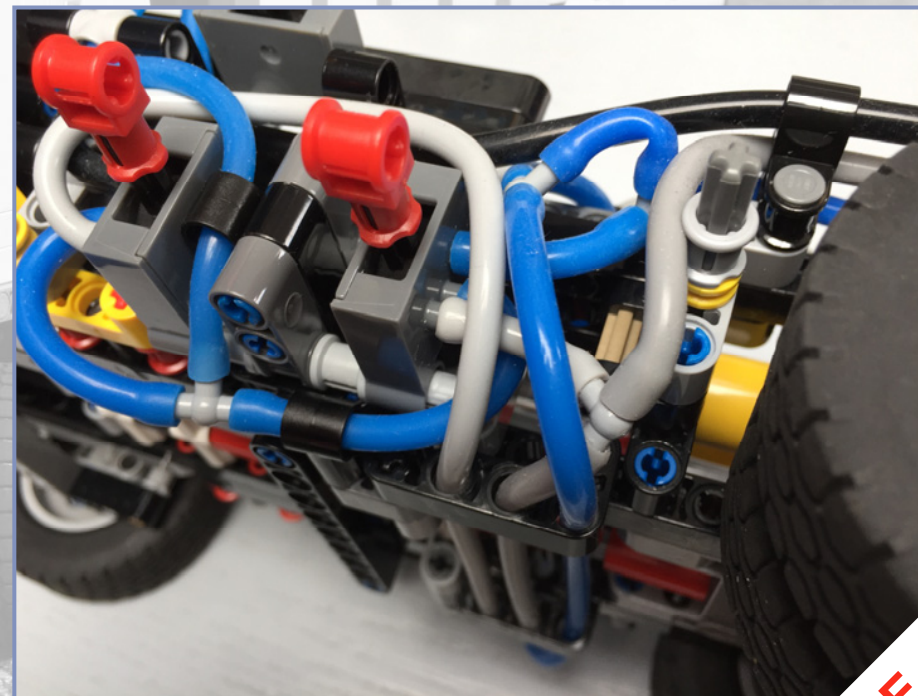
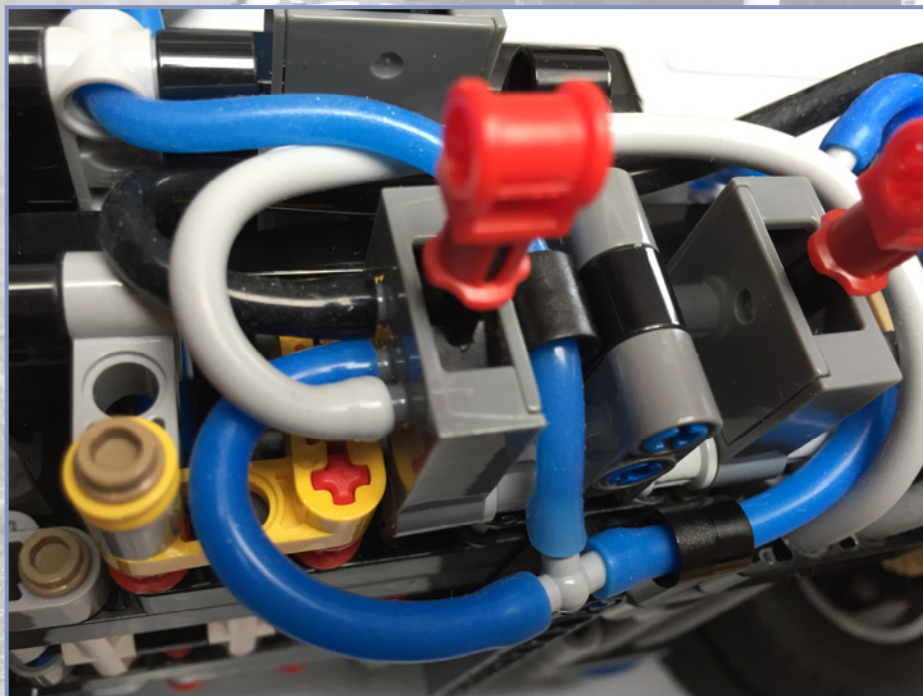


Step a - h

In the following Steps 'a' till 'h' the pneumatic tubes will be connected to the cylinders and switches.

You will probably notice that the 'Air flow' indications F till A are in reverse order; that's because the photoshoot was reverse engineered.

Both photos below reflect the end-state after step 'h'.



EXAMPLE



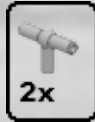
Air flow 'F': loading & unloading Silo

Step a

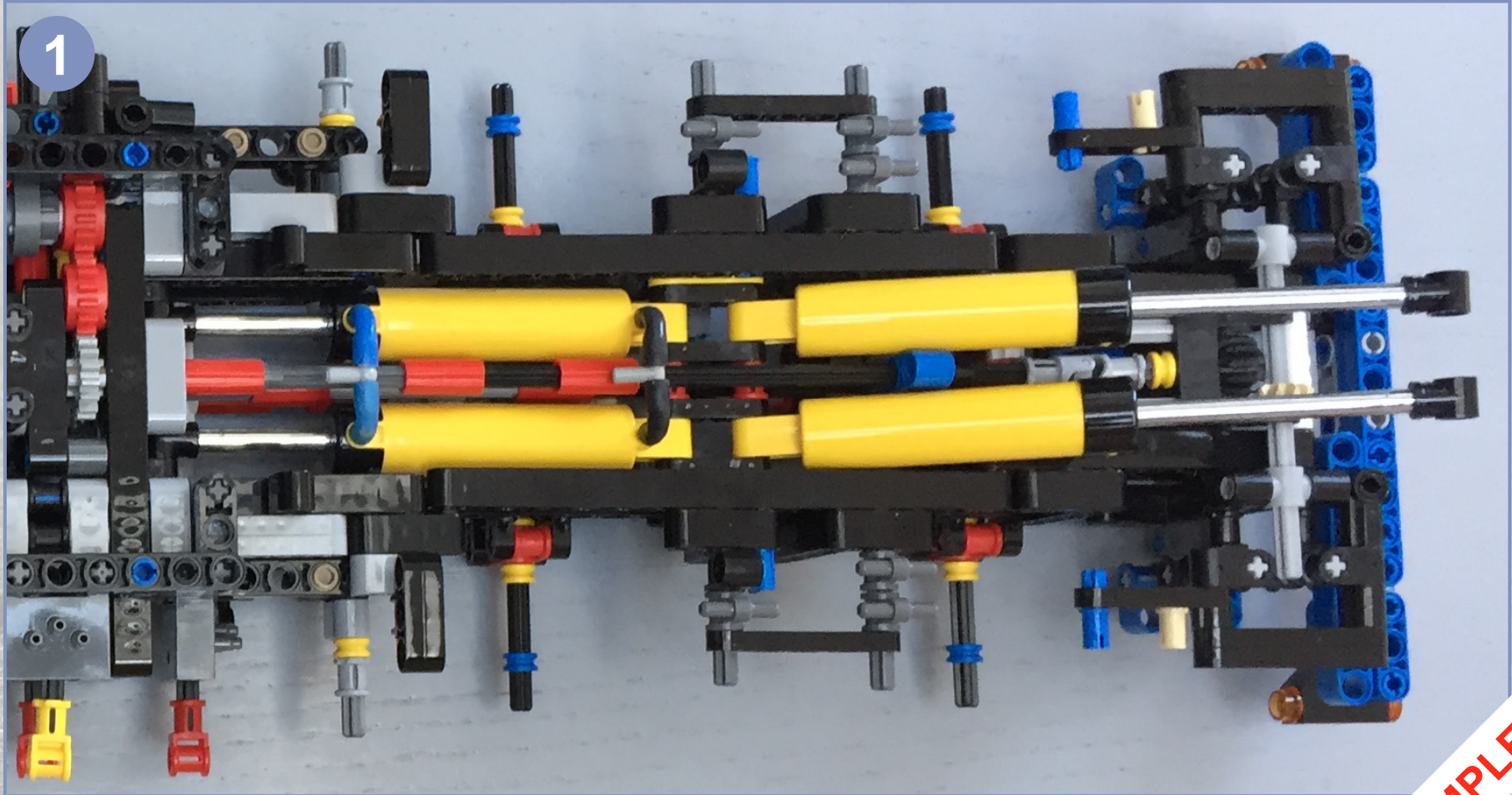
Pneumatic tubes

Black: 2x 1,5 cm

Blue: 2x 1,5 cm



1

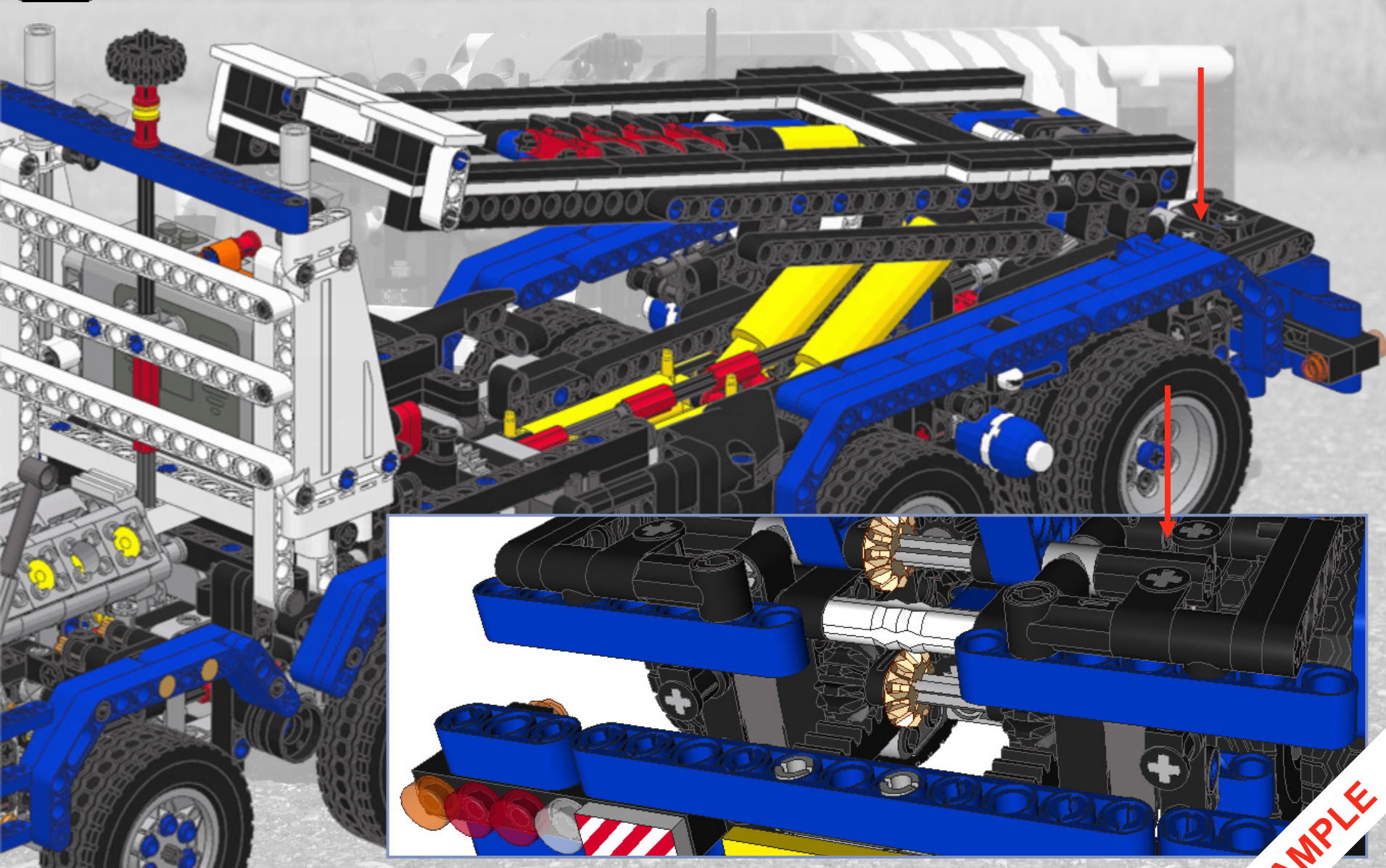


EXAMPLE



Step 46


2x



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EXAMPLE

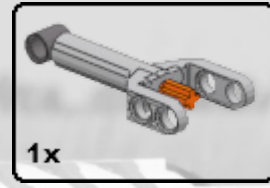




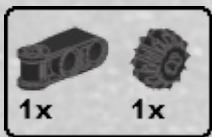
Step 1



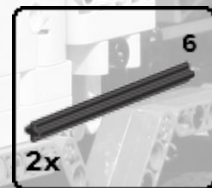
Step 2



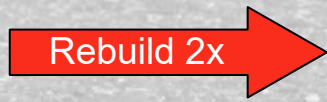
Step 3



Step 4



Last step 5

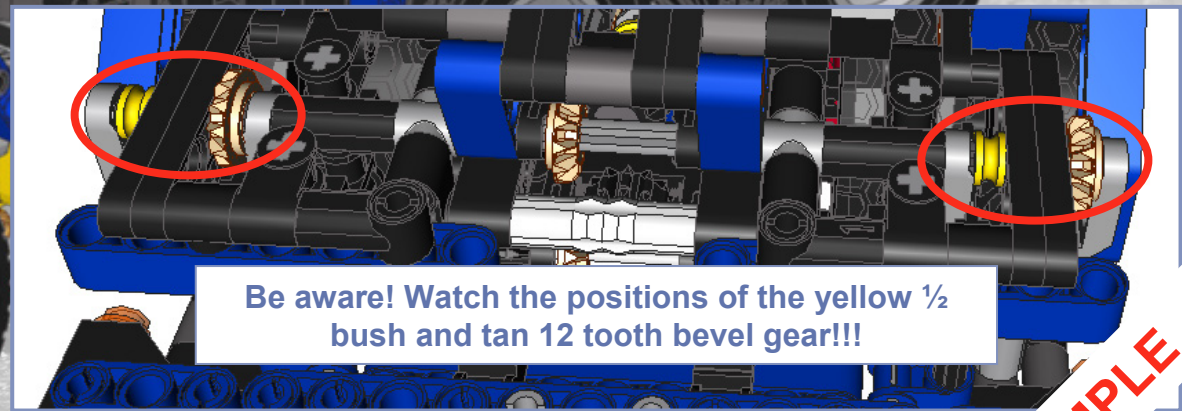
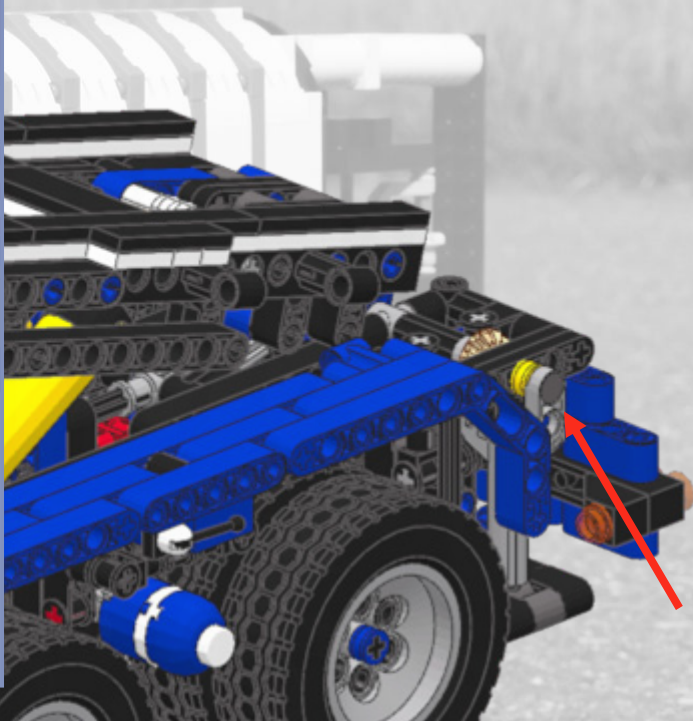
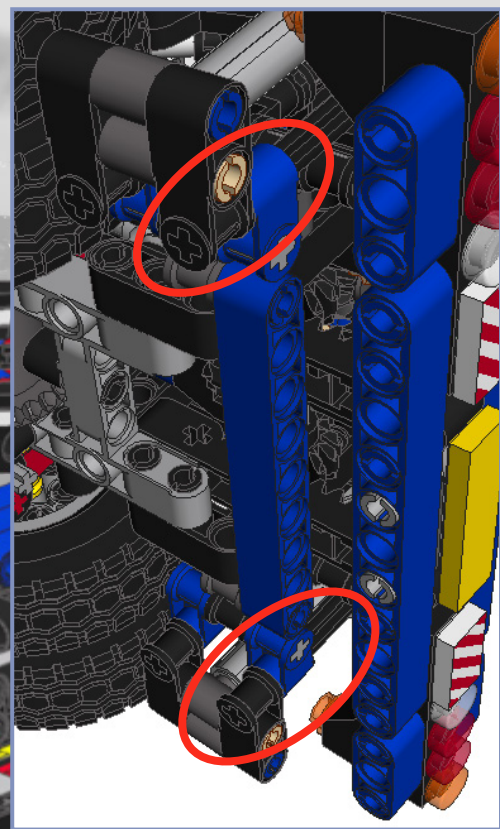
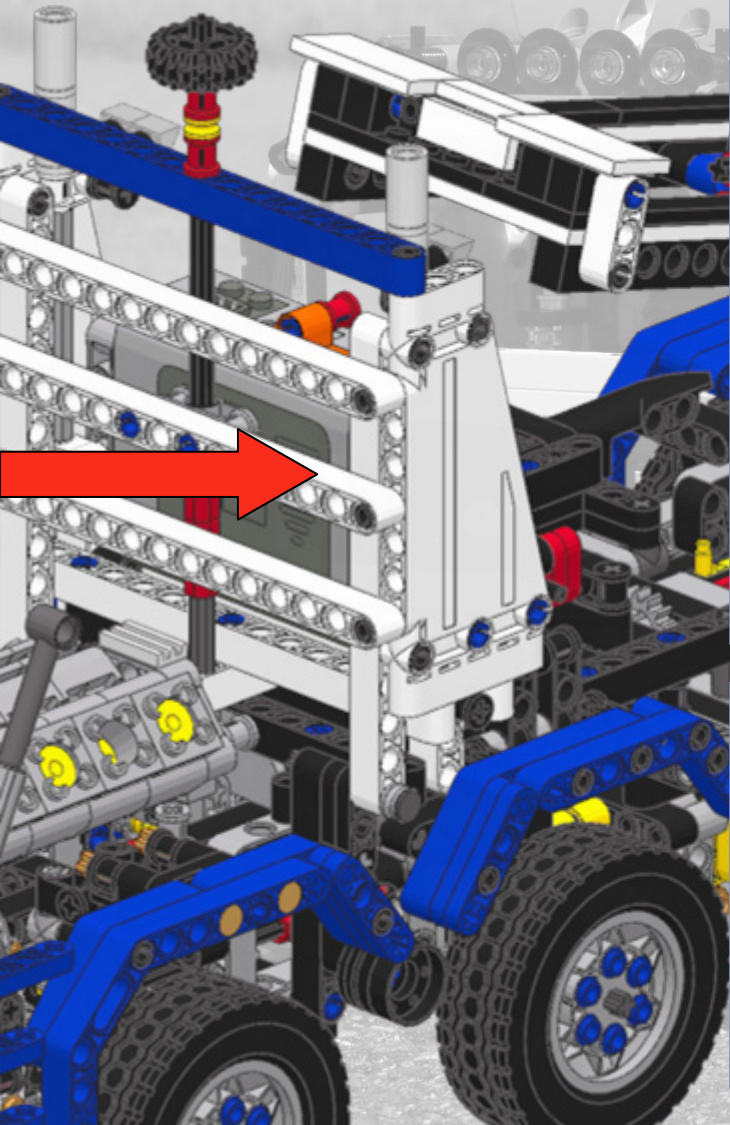


EXAMPLE



Step 47

- 2x 
- 2x 
- 4 
- 2x 

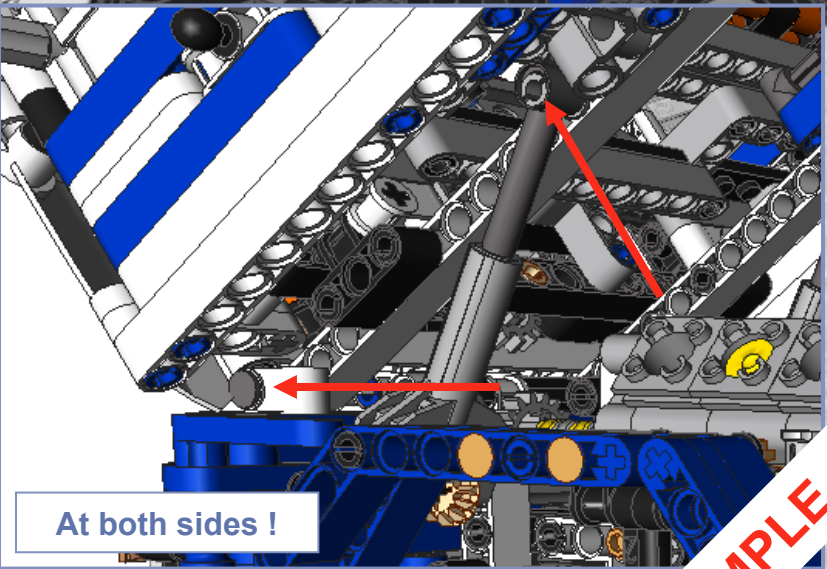


Be aware! Watch the positions of the yellow 1/2 bush and tan 12 tooth bevel gear!!!

EXAMPLE



Step 48



At both sides !

EXAMPLE



Last step 49



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