Stone Trailer Truck

(truck 6x4)

Building instructions, part 2

EXAMPLE

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Information

Truck 6x4 '*Alien Squidman*' with Rolloader Crane Trailer (Remote Controlled or Manual)

Dimensions	# Parts	Length	Width	Height	Weight
• Total Combination:	4.475	88 cm	14,5 cm	25 cm	4,7 kg (incl. Batteries)

- Cargo length: 12 pallets
- Cargo height: 2½ Duplo® bricks
- Crane reach: unloading pallets 22 cm aside of the trailer

Technic functions

- **Truck:** 3 axle truck with single steering, headlights equipped with LED's (Power Functions),
- working V8 engine with fan, interconnected with differential units on 2nd and 3rd axle (both twin-wheels),
- remote controlled steering and driving (PF M-motor, PF XL-motor); easily changeable to manual operation.
- **Trailer:** 2 axle assembly with all twin-wheels, rear axle steered & controlled by a PF 'rechargeable battery box motor speed control dial' in combination with the PF servo motor, spare wheel lifting winch and trailer stand mechanism.
- **Crane:** 1st & 2nd boom lifted by PF linear actuators, 2nd boom extension ~ 7 studs, 360° slewing, ride on the trailer until first 2 swing panels. Clamp can be exchanged for a grabber.

Non-Technic functions

- Truck cabin doors open & close, cabin can be opened for engine access, raise-able wind deflector, tow-bar.
- All trailer panels can swing down for unloading pallets.

Appearance details

- **On the truck:** Dashboard with coffee machine, coffee cups. Fuel tank unit covering PF IR receiver, air compressors between rear wheels. Spotlights, flashlight & horns on cabin roof. Alien Squidman on sun-screen.
- **On the trailer:** Cupboards, air compressors behind rear wheel steering unit.
- **On the crane:** Fuel tank & flash lights.

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Building guidelines

The following guidelines will help you to build the model easily

- The model consists of several sub models which should be built first. These sub models can be mounted as ‘one unit’ on a main model.
  Notice that mostly the ‘final’ main model consists of multiple ‘sub main models’.

- The standard way of building LEGO® Technic models includes the usage of so-called 'axles and/or pins‘ to connect parts or sub models to the model.
  Within the instructions, these ‘axles and/or pins’ mounting axles are mostly already in 'pushed' position.
  Keep this in mind when you want to mount individual sub models.

- Connect all the pneumatic tubes directly to the pneumatic cylinders, switches and pumps when you build or mount these parts. Otherwise you might not be able to connect them later on.

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Other colors…

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Other colors…

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EXAMPLE

Other colors…

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Other colors…

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EXAMPLE

Part list 1

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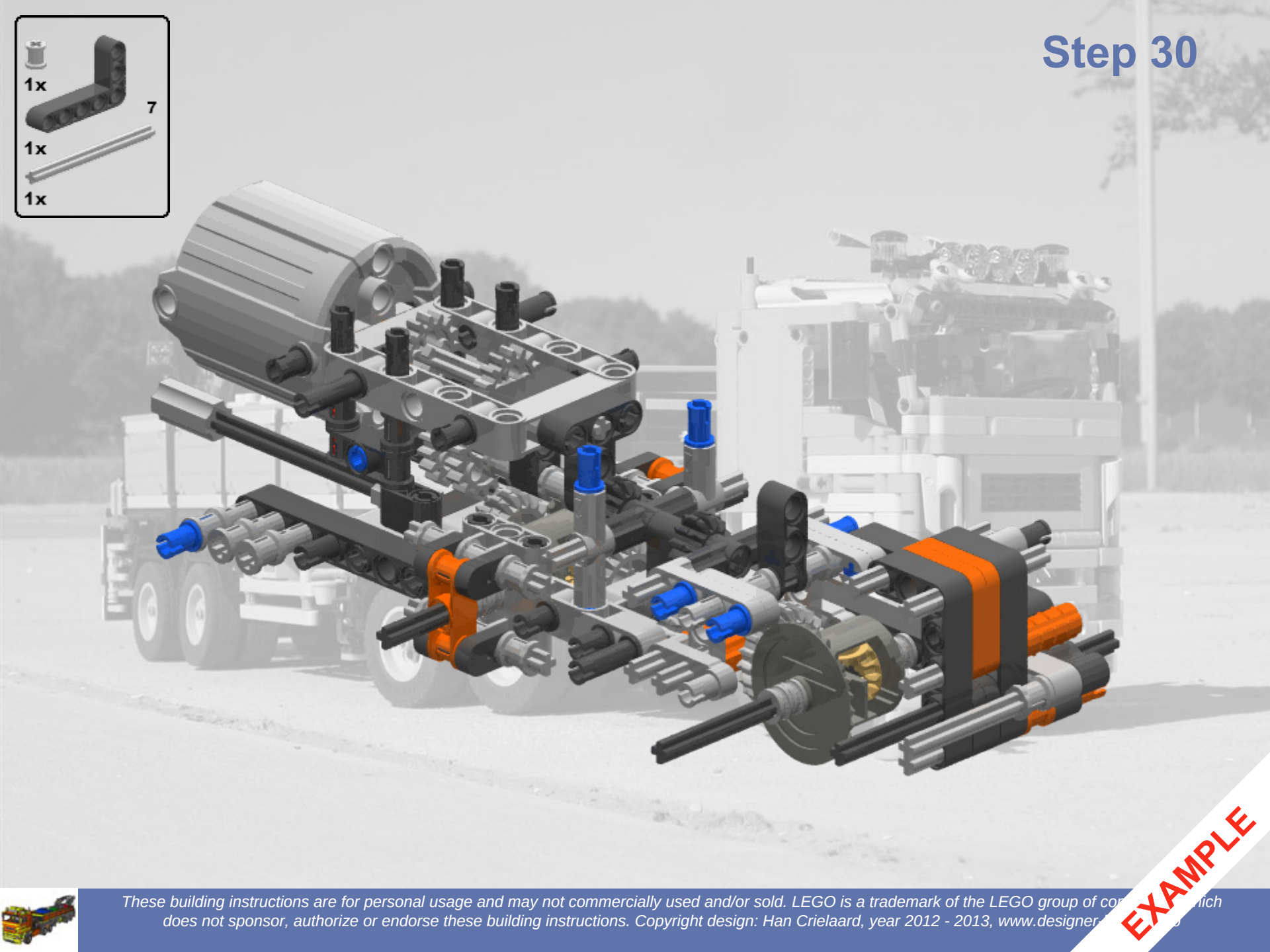
EXAMPLE

Step 30



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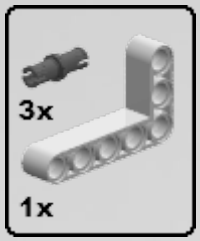

Step 32

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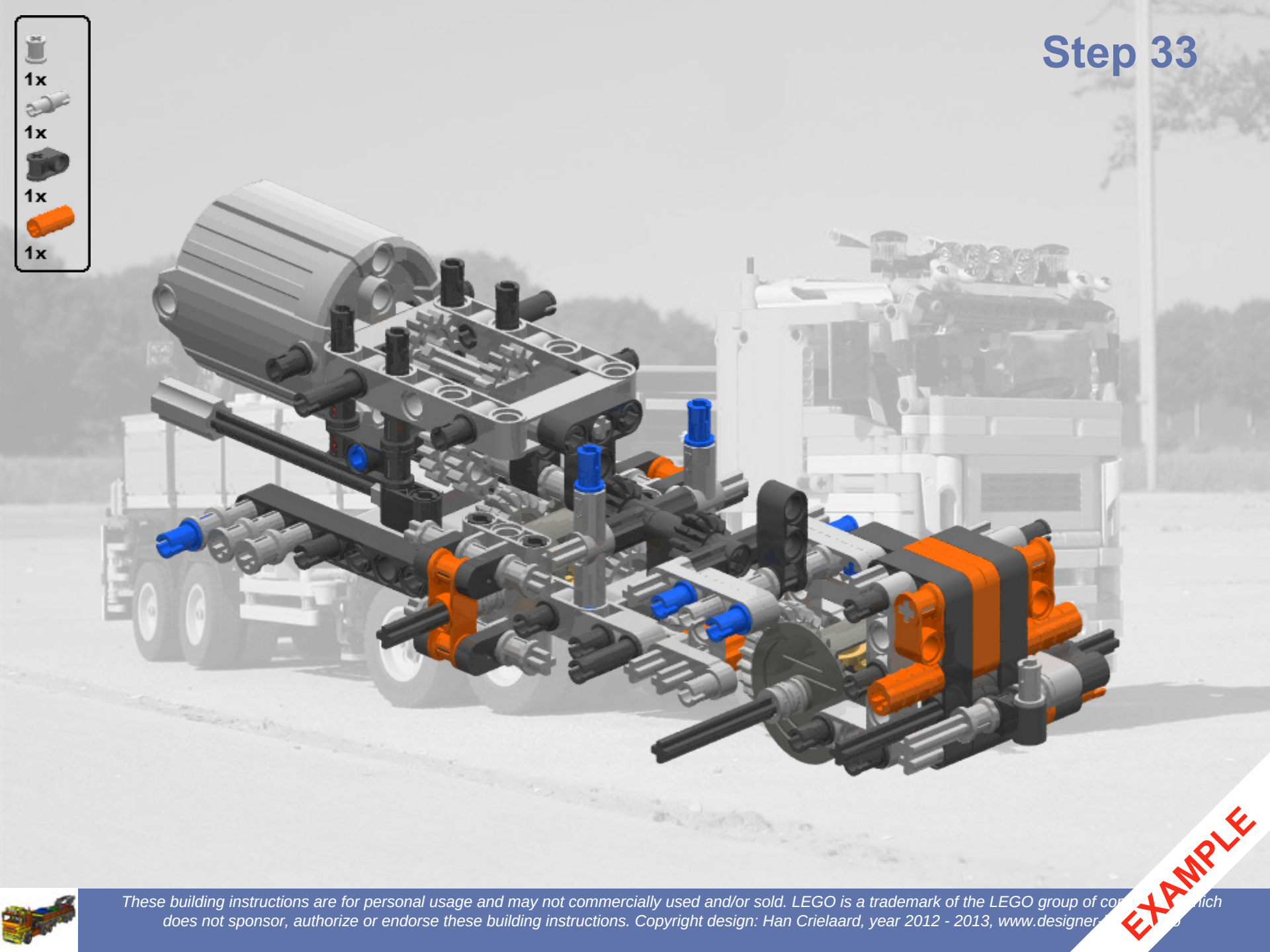
EXAMPLE

Step 33



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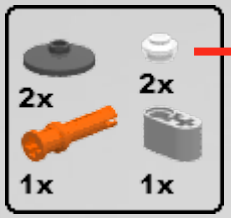

Transparent

Step 34

Mount at this side the ‘axle-hole’ of the gray ‘beam-2 hole and axle-hole’ !!

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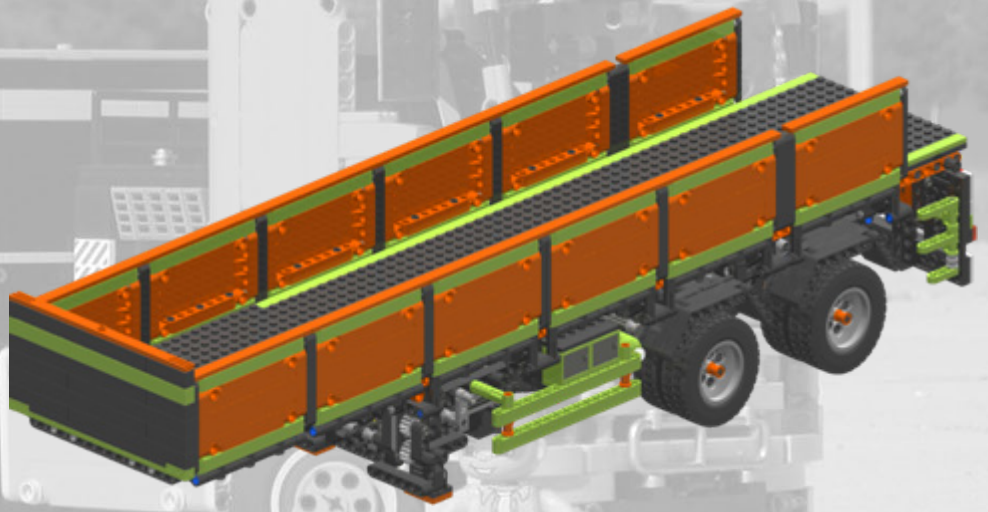
Stone Trailer Truck

(trailer)



Building instructions, part 4

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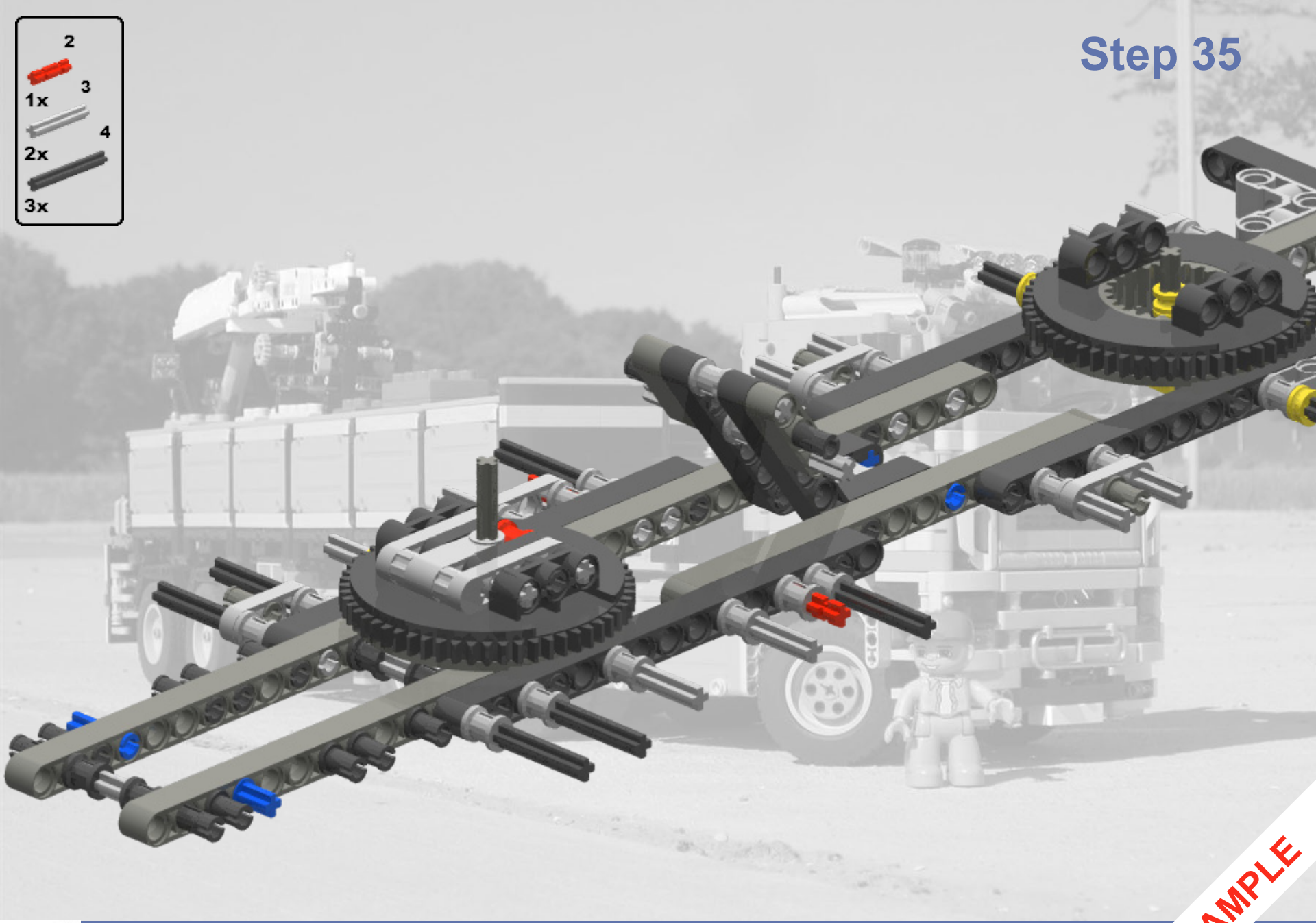

Step 35

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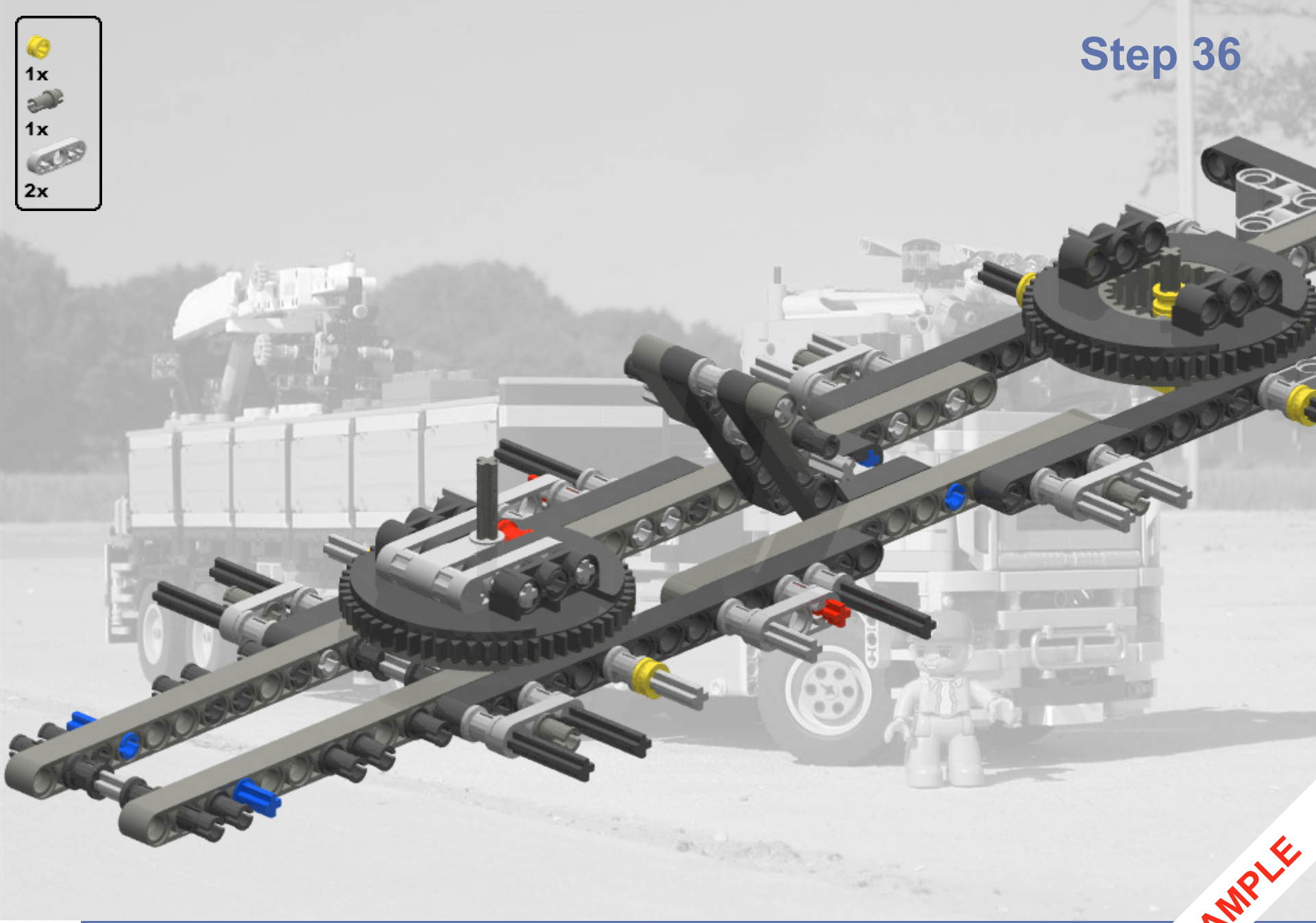

Step 36

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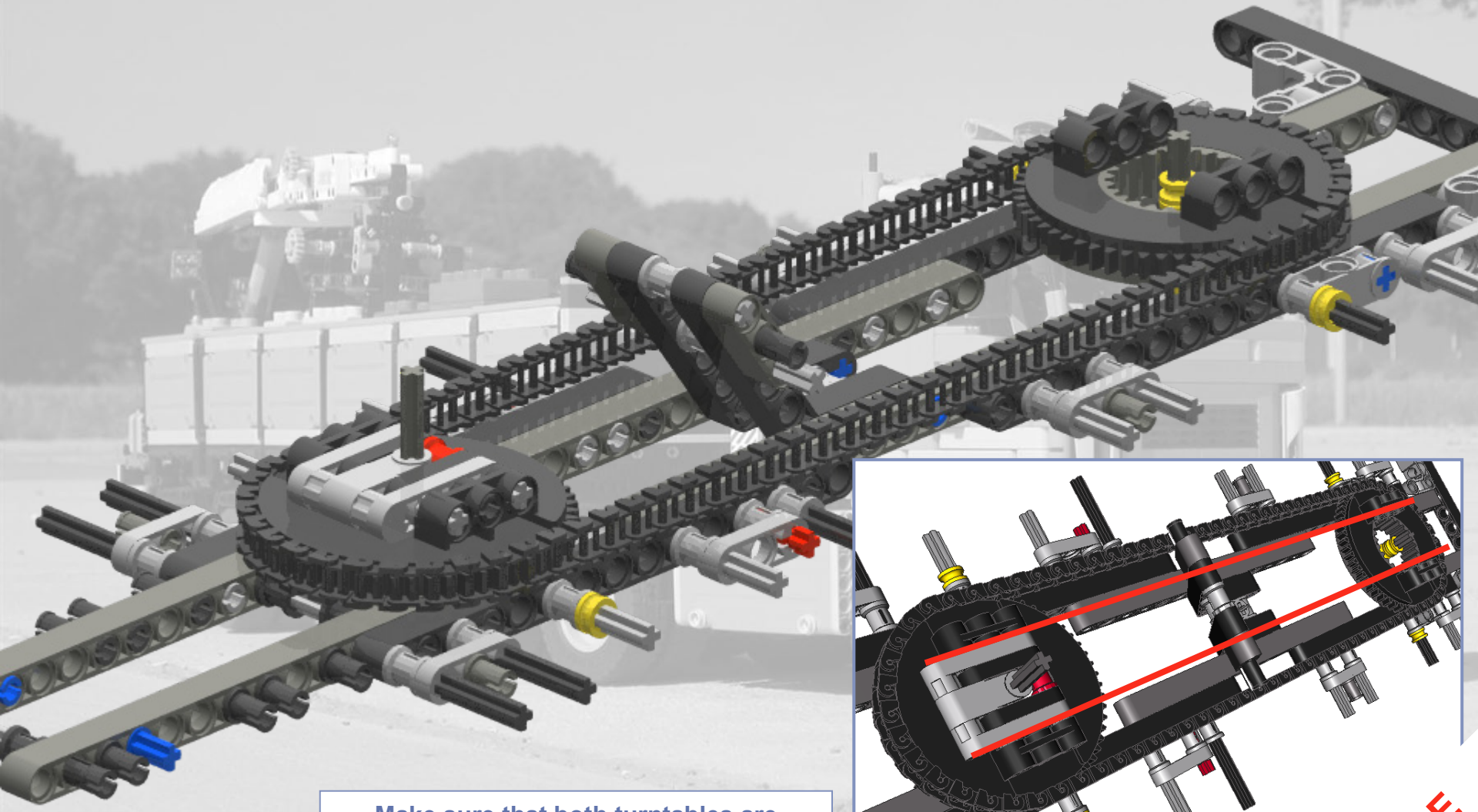
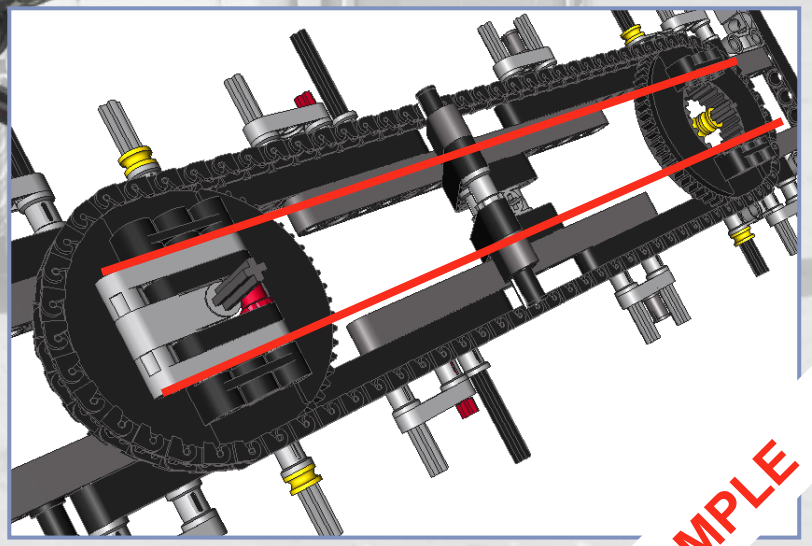
EXAMPLE

86x

Step 37





Make sure that both turntables are
EXACT parallel after mounting the chain

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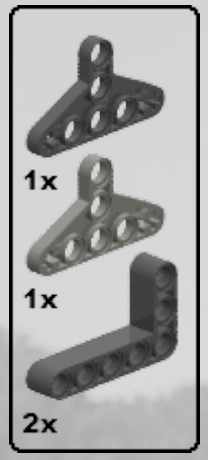
Step 38



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EXAMPLE

Stone Trailer Truck

(rolloader crane)

Building instructions, part 5

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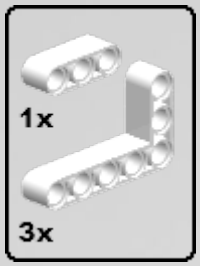

Step 13

Step 14

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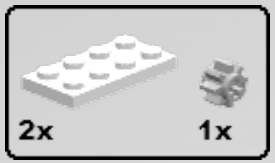
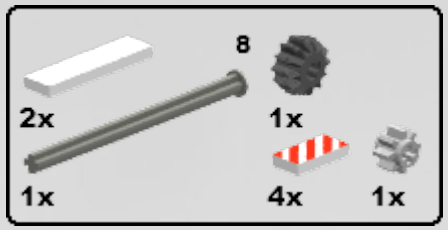


Step 15



Step 16

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Last step 17

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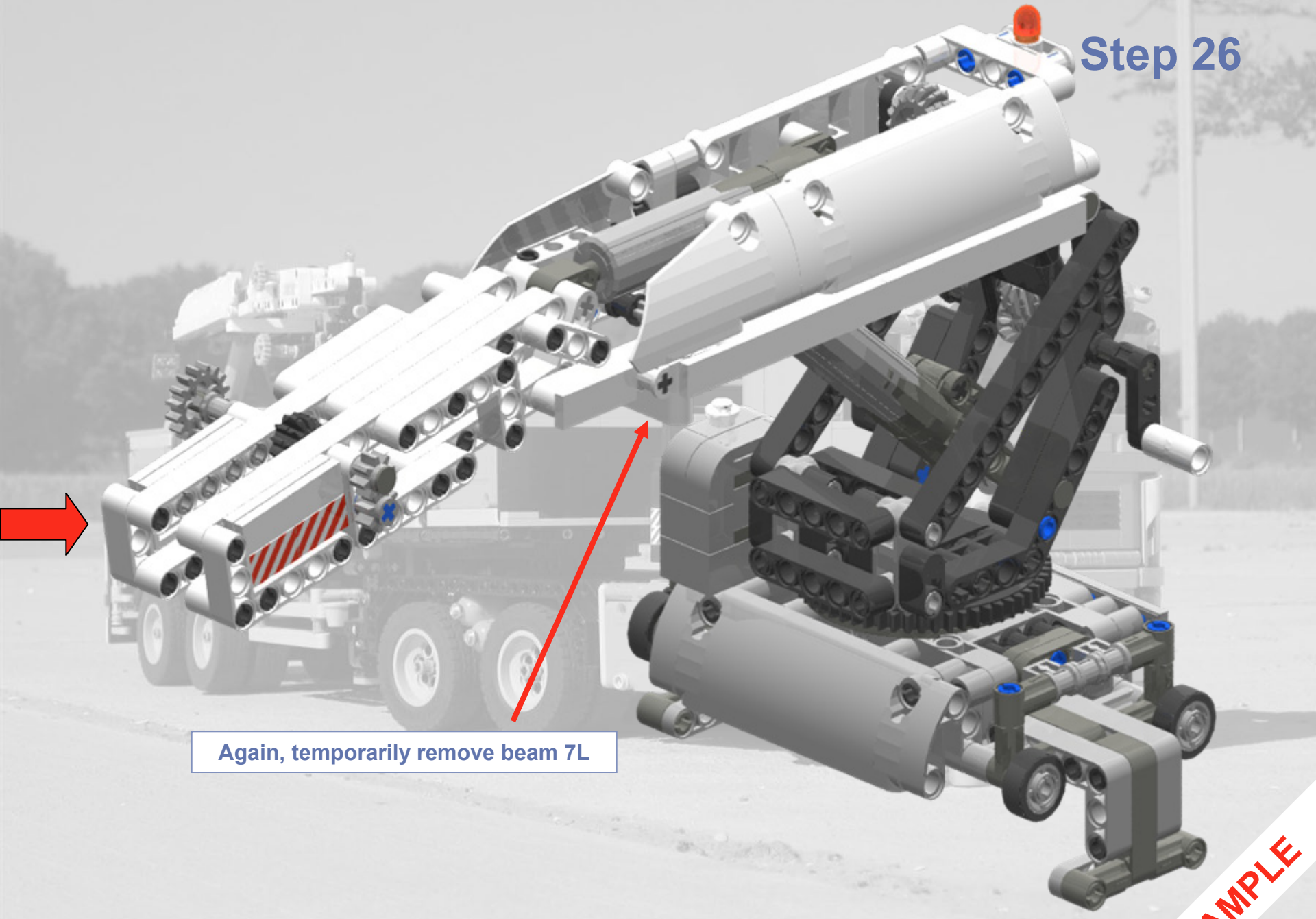
EXAMPLE

Step 26



Again, temporarily remove beam 7L

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