Mister Blocks

FREE LEGO BUILDING INSTRUCTIONS · PDF

Dust Devil Mars Rover

A six-wheeled Mars rover: rocker frames, gold foil, two blue solar wings, a tall camera mast with a glowing eye and a folding robotic arm.

Free LEGO Dust Devil Mars Rover instructions as a printable PDF: a fan-made LEGO MOC built from 94 standard LEGO pieces in 12 steps, with the pieces for every step and a full parts list.

Build it in 3D, step by step:
misterblocks.com/builds/dust-devil-mars-rover-lego-build

94	12	42
PIECES	STEPS	KINDS OF PIECE



An unofficial fan build. All standard pieces; any similar colour works. Every stud is checked. LEGO is a trademark of the LEGO Group, which does not sponsor this site.

STEP

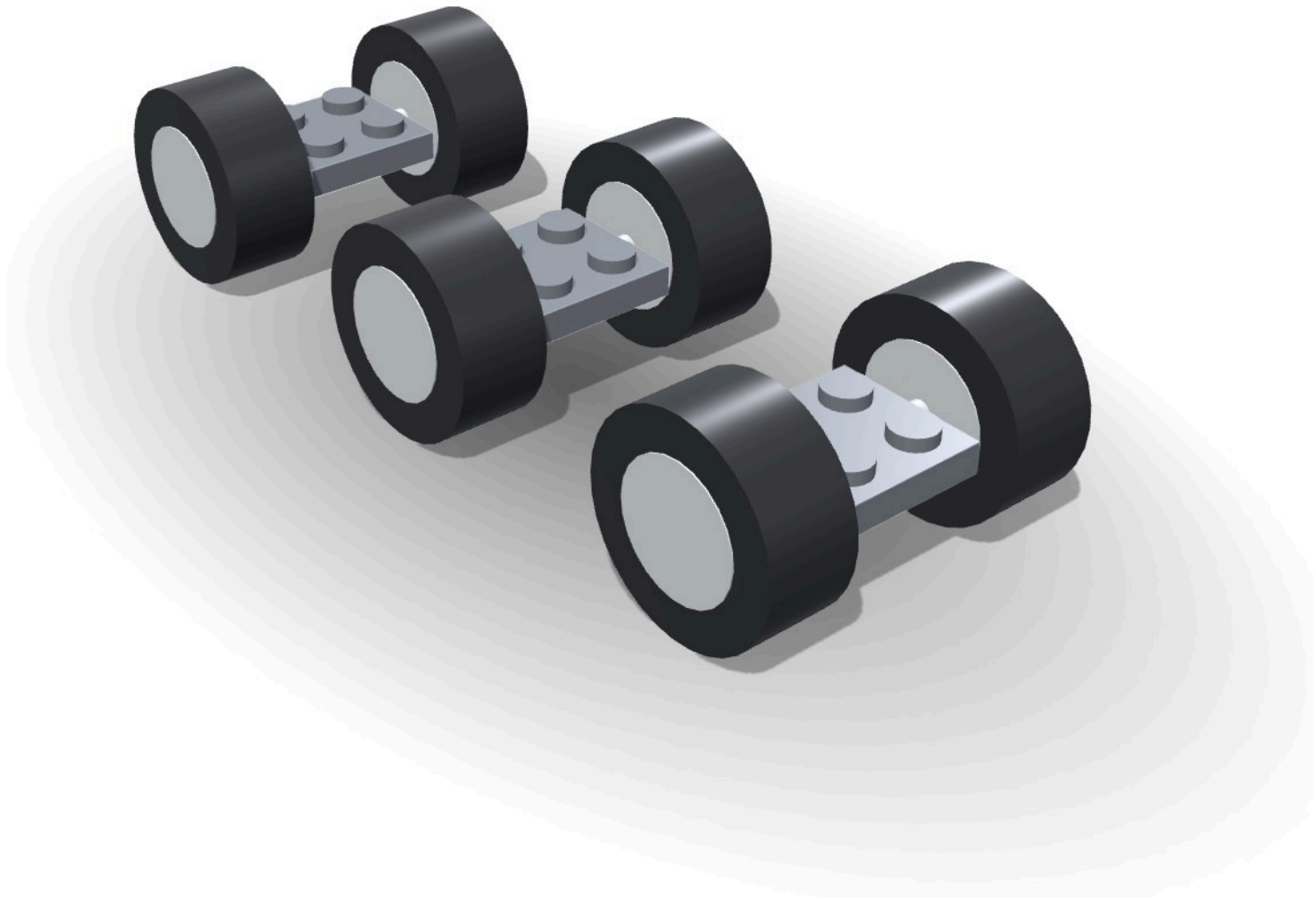
1



6x 3x

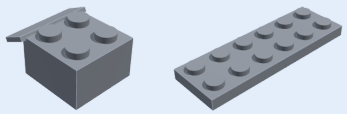
Six wheels

Three dark gray wheel plates, five studs apart, with a gray wheel on each side: six in all.



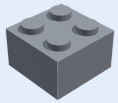
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2



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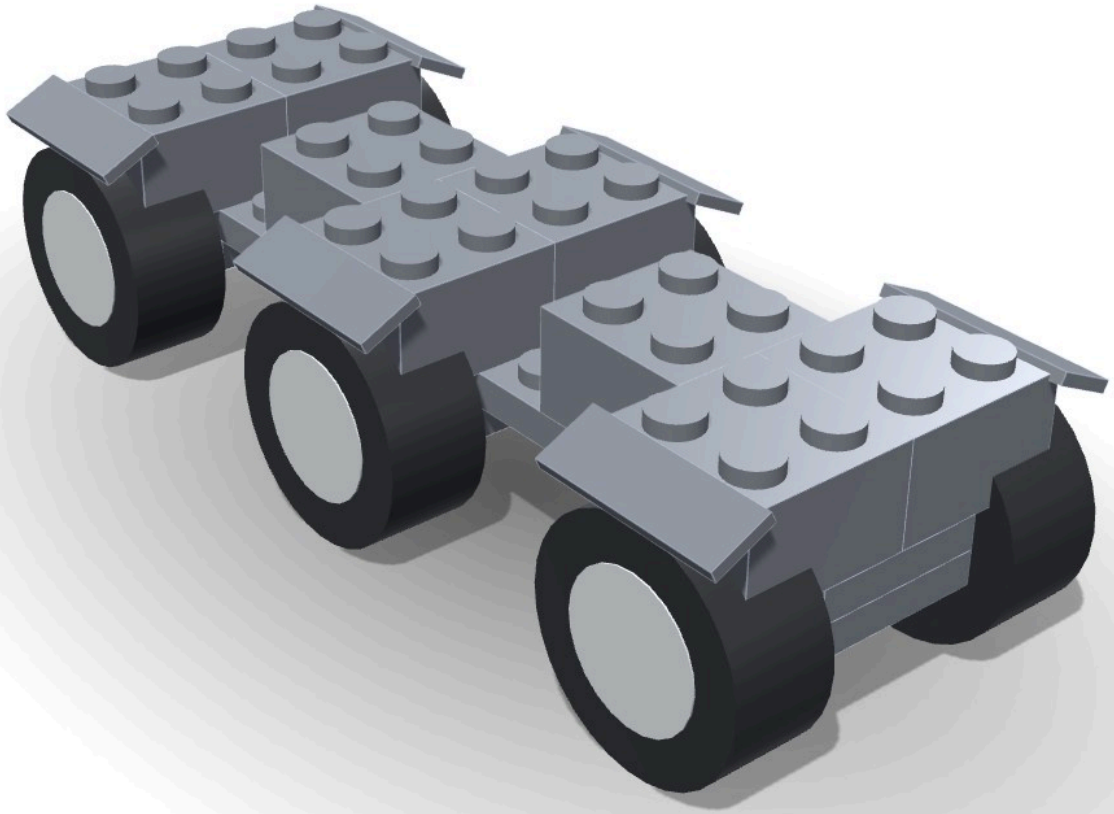
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2x

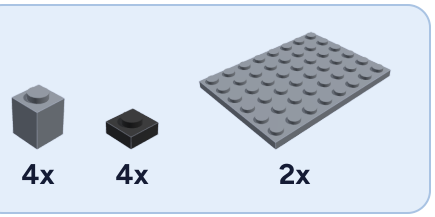
Strip and mudguards

Join the wheel plates with a 2-wide strip, put a mudguard over every wheel (lip over the tyre) and a 2×2 block in each gap.



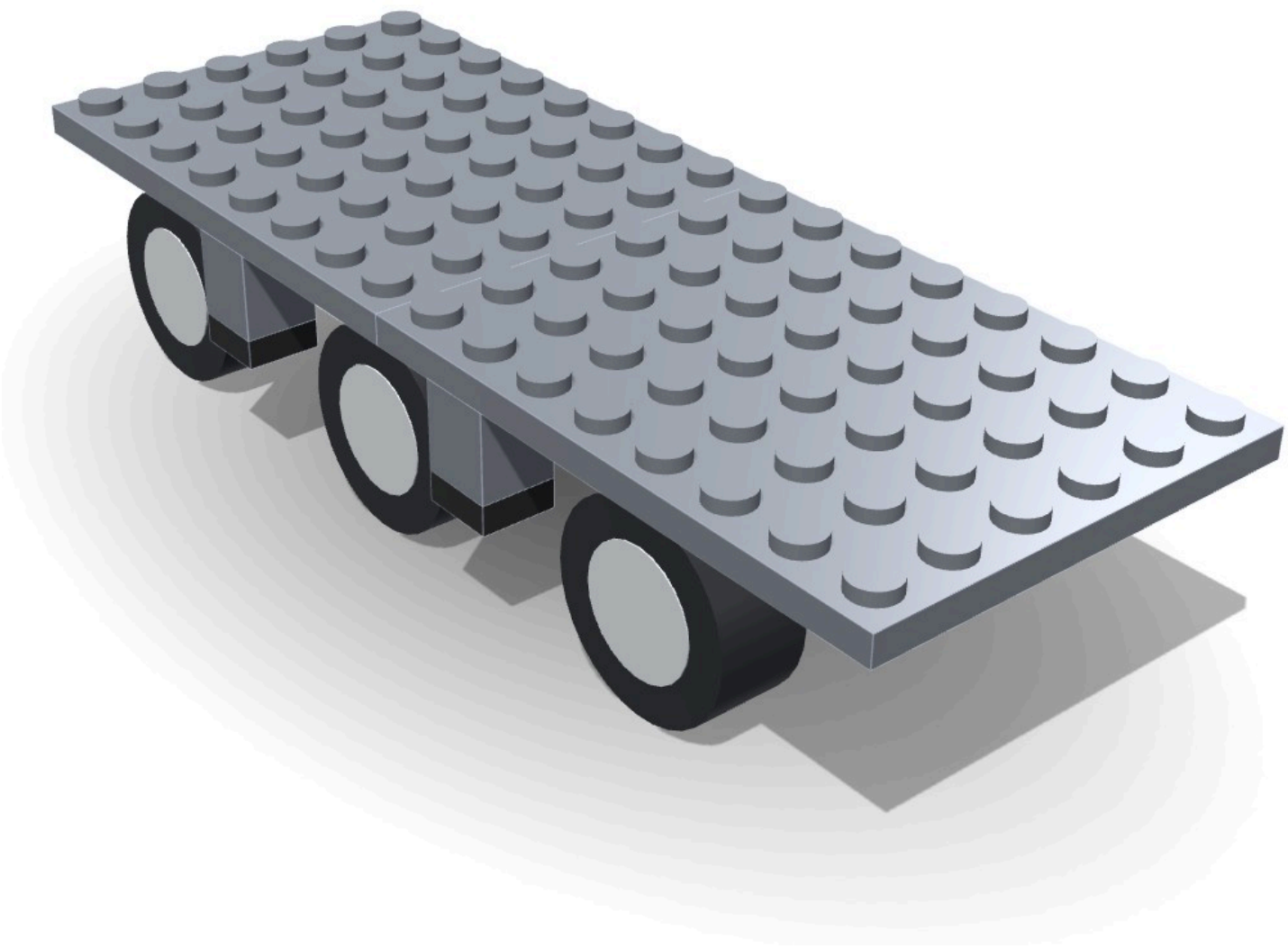
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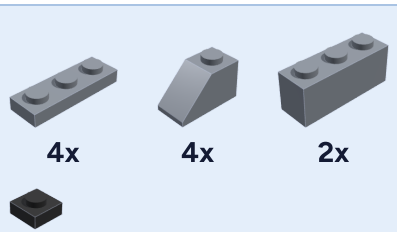
Deck and rocker legs

The dark gray deck on top, and four legs hanging down between the wheels, each on a black joint.



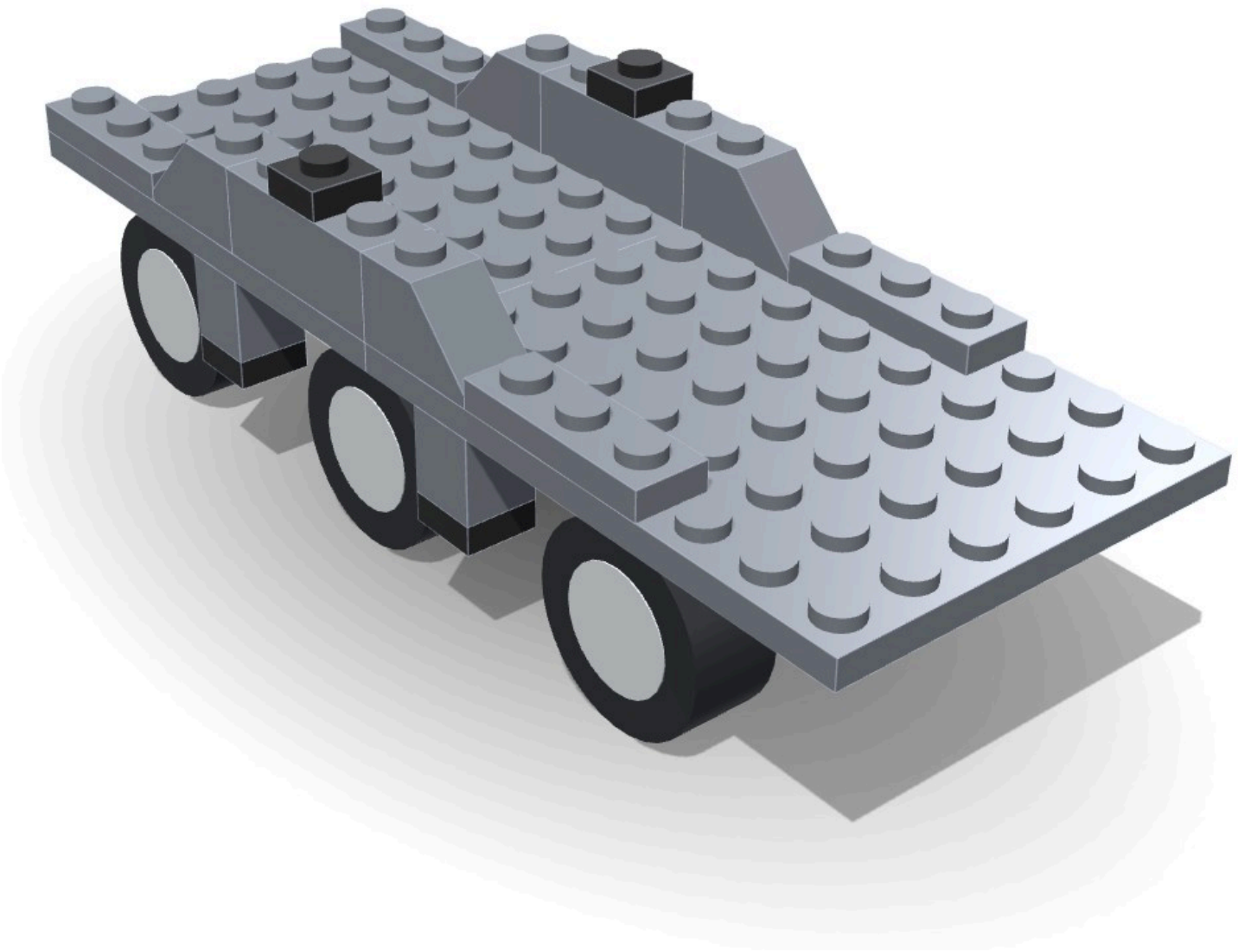
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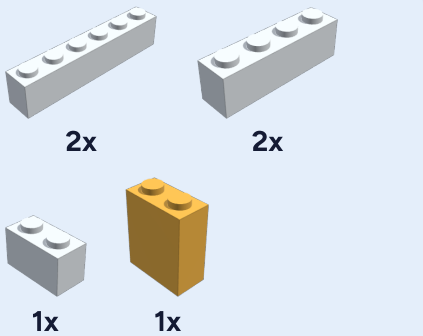
Rocker frames

Along each side, a frame that climbs from both ends up slopes to a pivot block with a black pin.



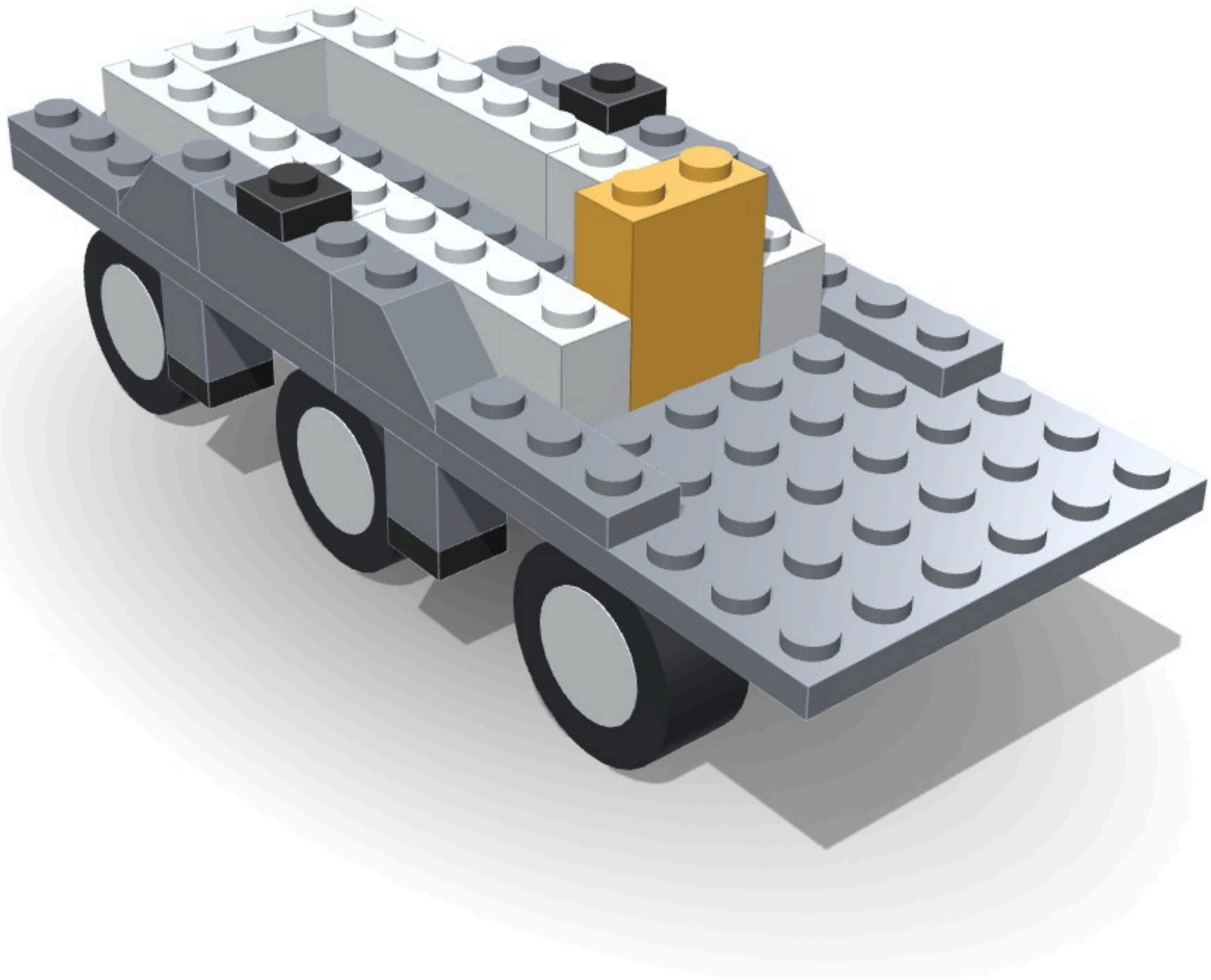
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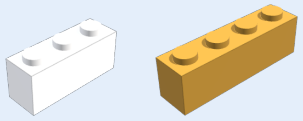
Lower body

Light gray walls for the bottom of the body box, with a gold foil panel on the front.



STEP

6



4x

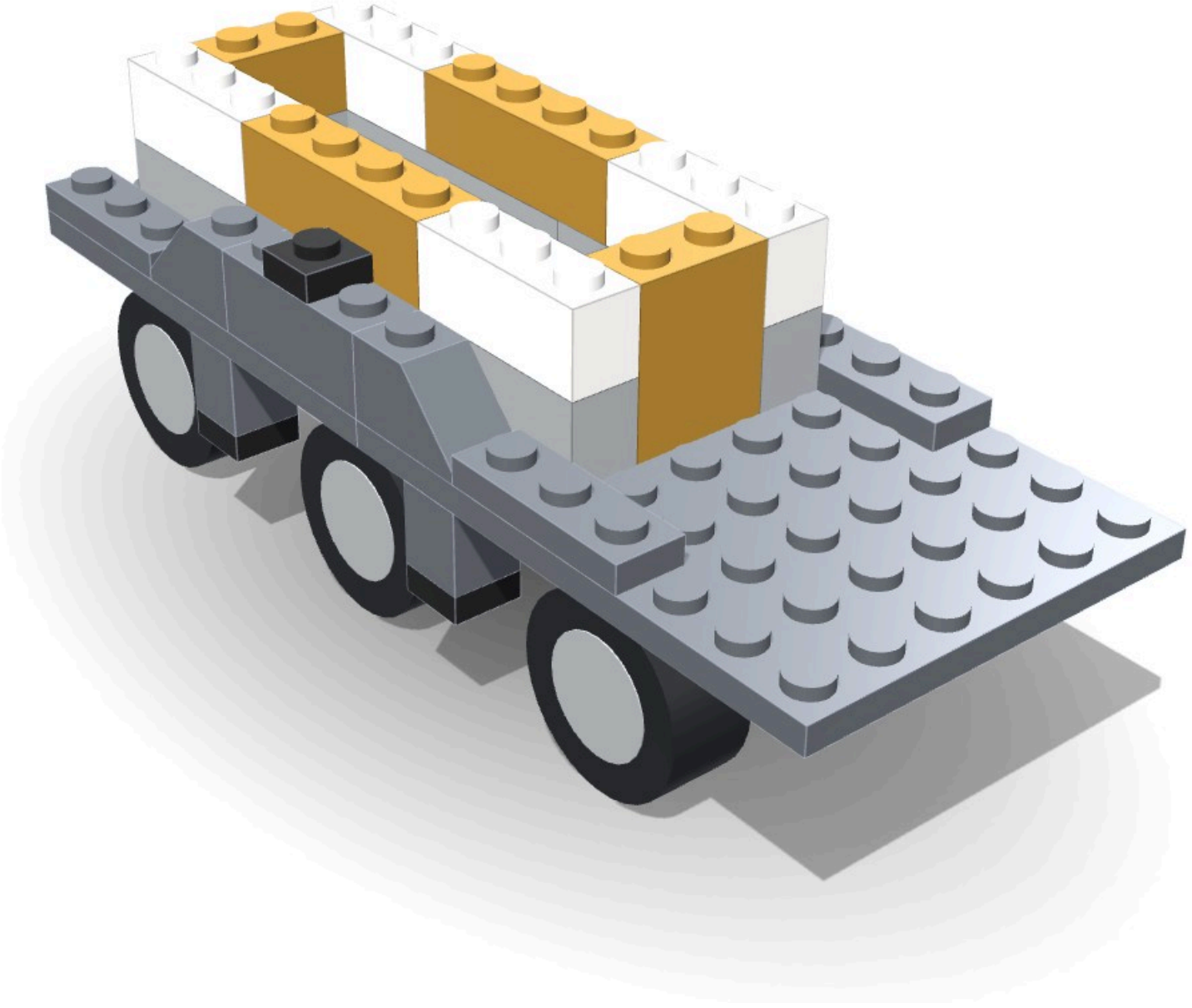
2x



1x

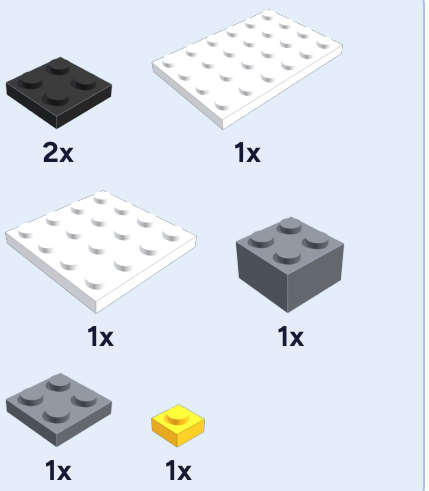
Upper body

White walls with a long gold foil panel down each side, and gold on the front and back.



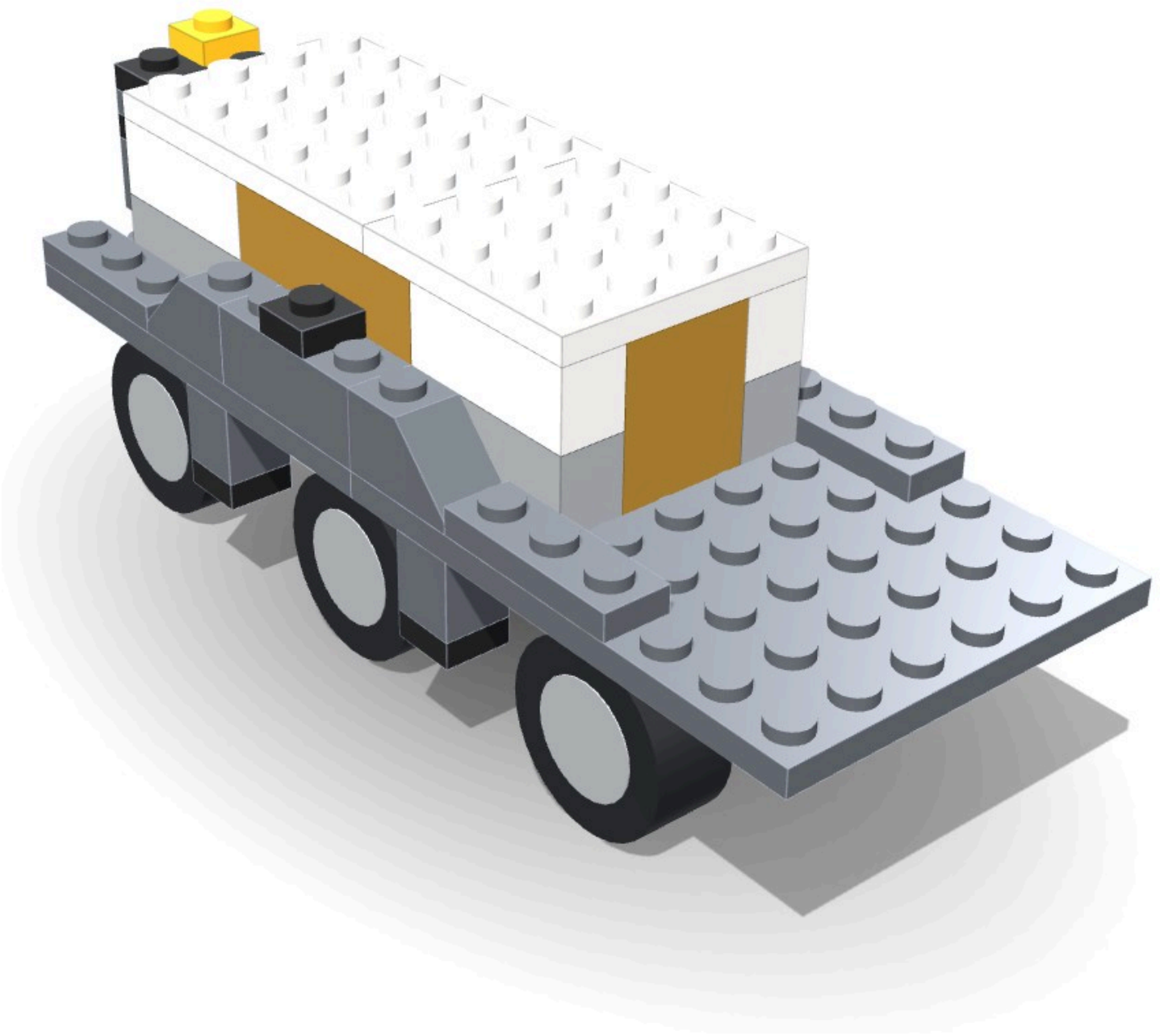
STEP

7



Lid and power unit

Close the box with white plates, and stack the finned power unit on the tail with its amber status light.



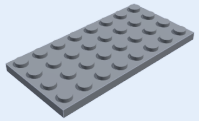
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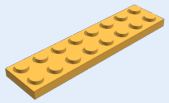


4x

4x



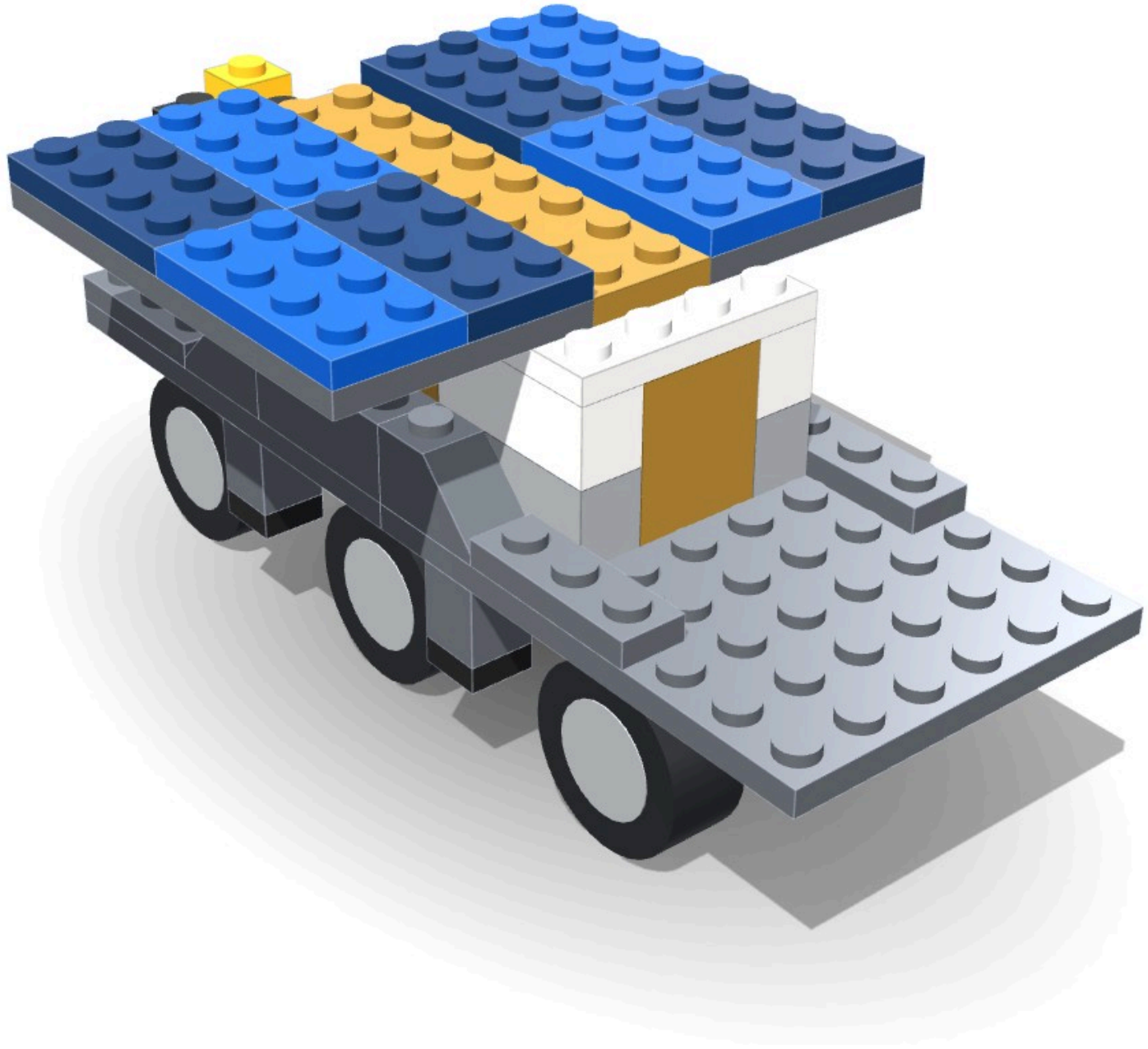
2x



1x

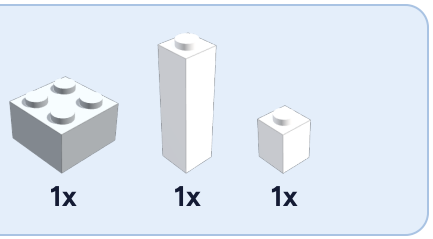
Solar wings

A gray frame sticking out on each side, a gold spine between them, then the blue and dark blue solar cells.



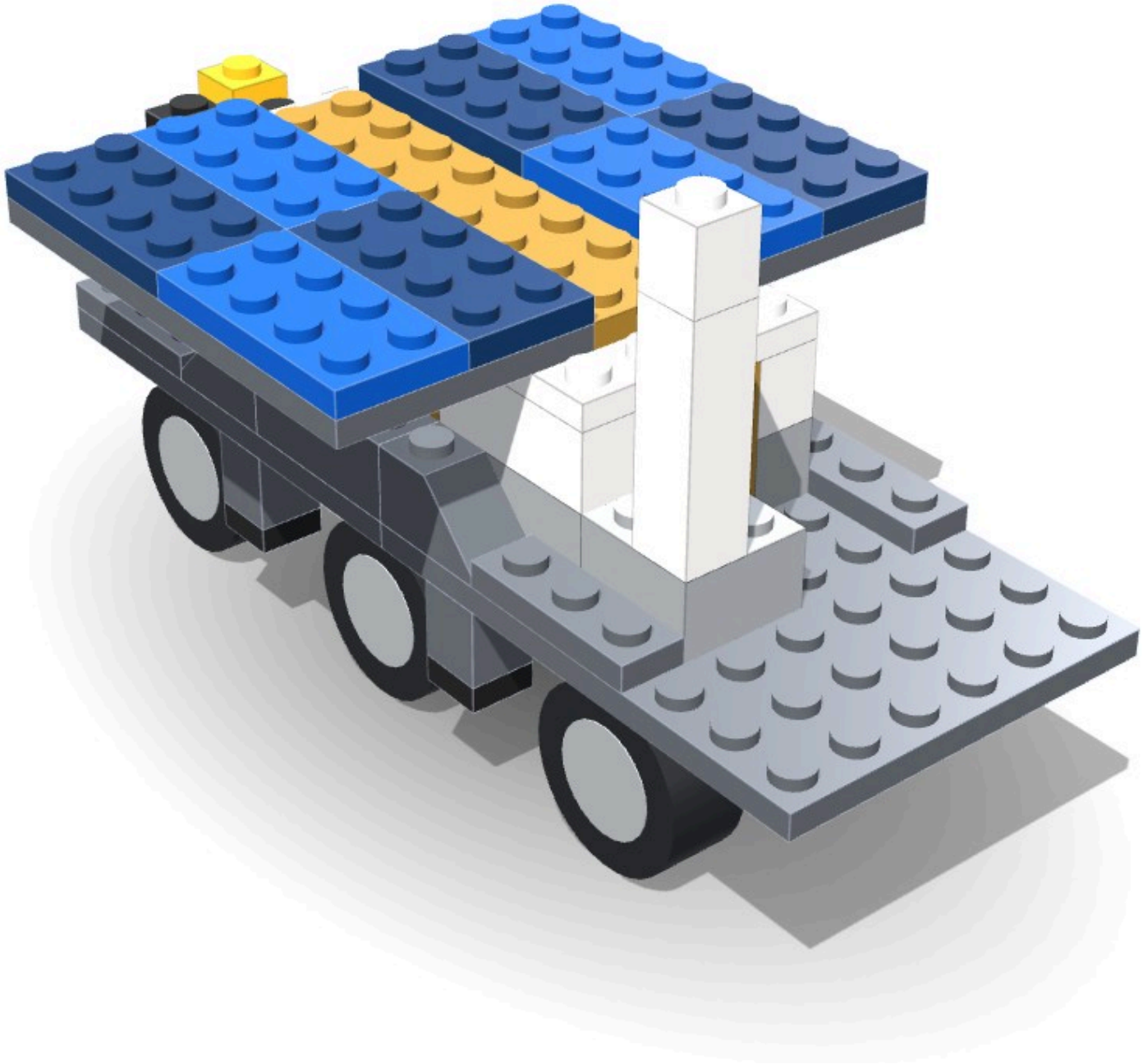
STEP

9



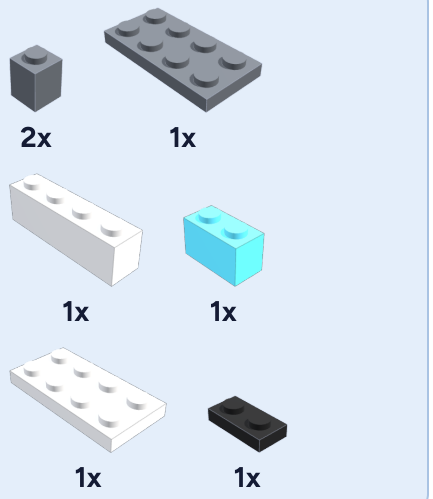
Camera mast

A gray foot at the front of the deck and a tall white mast of four bricks.



STEP

10



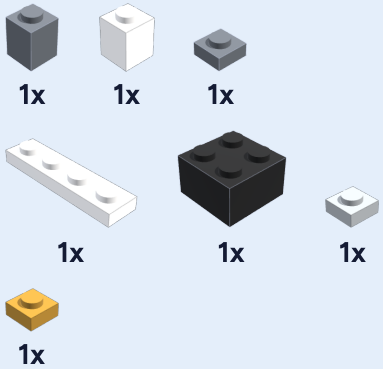
Camera head

The head on top of the mast, with its glowing blue eye looking forward and a laser box on top.



STEP

11



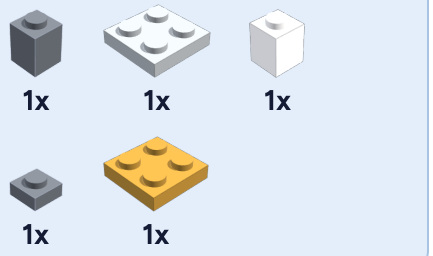
Robotic arm

A shoulder, an upright upper arm and an elbow, then the forearm folded across the nose with the black tool turret hanging from it: drill and gold scoop.



STEP

12



Antennas

A dish antenna on a stem at the back, a little antenna at the front and a gold instrument box on the spine.

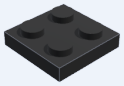


Parts list

94 pieces, 42 kinds. Any similar colour works.



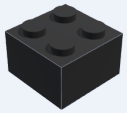
6x
1×1 plate, black



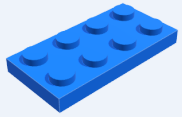
2x
2×2 plate, black



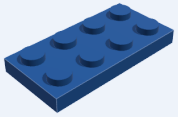
1x
1×2 plate, black



1x
2×2 brick, black



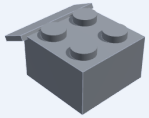
4x
2×4 plate, blue



4x
2×4 plate, dark blue



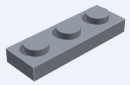
8x
1×1 brick, dark bluish gray



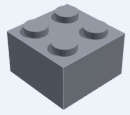
6x
2×2 mudguard, dark bluish gray



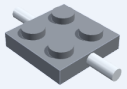
4x
1×2 slope 45°, dark bluish gray



4x
1×3 plate, dark bluish gray



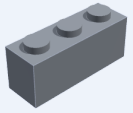
3x
2×2 brick, dark bluish gray



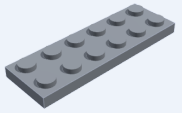
3x
wheel plate, dark bluish gray



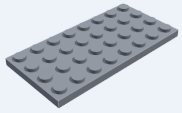
2x
1×1 plate, dark bluish gray



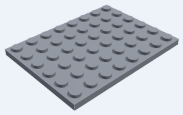
2x
1×3 brick, dark bluish gray



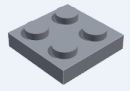
2x
2×6 plate, dark bluish gray



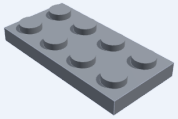
2x
4×8 plate, dark bluish gray



2x
6×8 plate, dark bluish gray



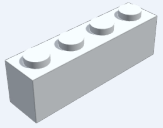
1x
2×2 plate, dark bluish gray



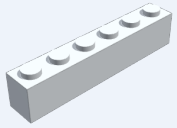
1x
2×4 plate, dark bluish gray



6x
wheel with tire, light bluish gray



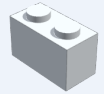
2x
1×4 brick, light bluish gray



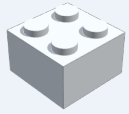
2x
1×6 brick, light bluish gray



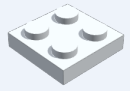
1x
1×1 plate, light bluish gray



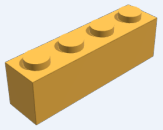
1x
1×2 brick, light bluish gray



1x
2×2 brick, light bluish gray



1x
2×2 plate, light bluish gray



2x
1×4 brick, pearl gold



1x
1×1 plate, pearl gold



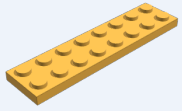
1x
1×2 brick, pearl gold



1x
1×2×2 brick, pearl gold



1x
2×2 plate, pearl gold



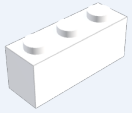
1x
2×8 plate, pearl gold



1x
1×2 brick, trans-light blue



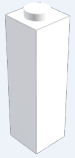
1x
1×1 plate, trans-orange



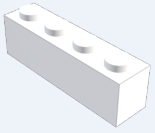
4x
1×3 brick, white



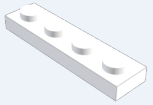
3x
1×1 brick, white



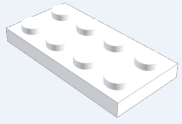
1x
1×1×3 brick, white



1x
1×4 brick, white



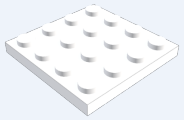
1x
1×4 plate, white



1x
2×4 plate, white

Parts list (continued)

94 pieces, 42 kinds. Any similar colour works.



1x
4×4 plate, white



1x
4×6 plate, white

More free LEGO instructions: misterblocks.com/builds