KreativVolt

ASSEMBLY INSTRUCTIONS

ROUTE 66 GAS STATION

Scale 1:64 · 3D Print Kit

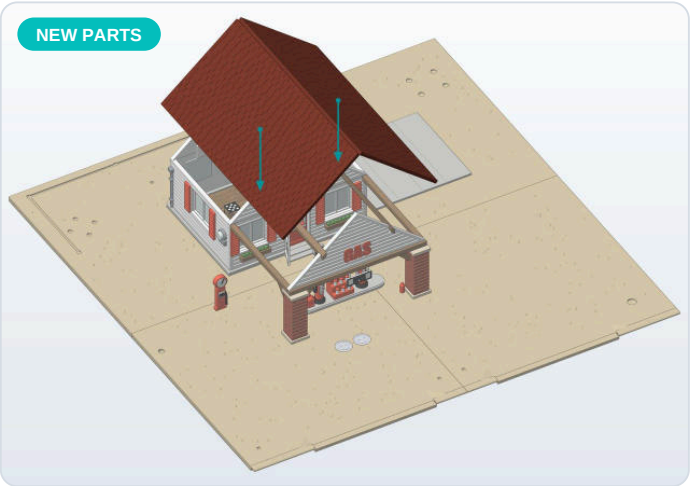


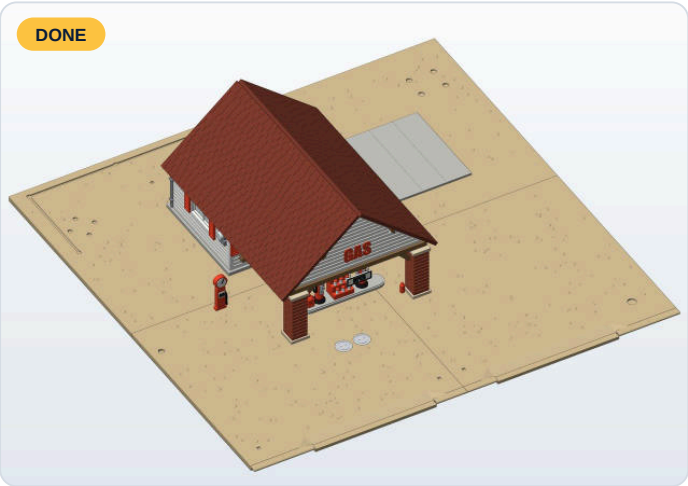
73	244	351	1:64	CA
Assembly steps	Different parts	Pieces	Scale	CA glue

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Before you start

1. Left picture: the new parts float in front of their place, the turquoise line shows where each part goes. Everything already built is drawn lighter.
2. Right picture: this is what the model looks like after the step.
3. Dry-fit every part first, then glue. Use CA glue (thin or gel) sparingly; for the panes use a glue that dries clear.
4. Helpful: tweezers, fine side cutters, hobby knife, 400 grit sandpaper, a toothpick for the glue.
5. The parts are sorted by print plate and colour. The parts list gives plate, quantity and colour for every part.
6. Join small parts into sub-assemblies first (for example a workshop machine) and then install them as a whole.
7. Leave the roof loose if you want to look into the rooms later.





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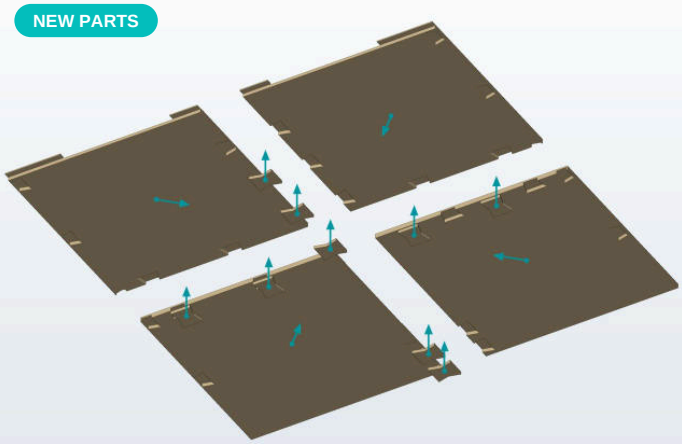
ASSEMBLY INSTRUCTIONS

Route 66 Gas Station · Scale 1:64 · 3D Print Kit

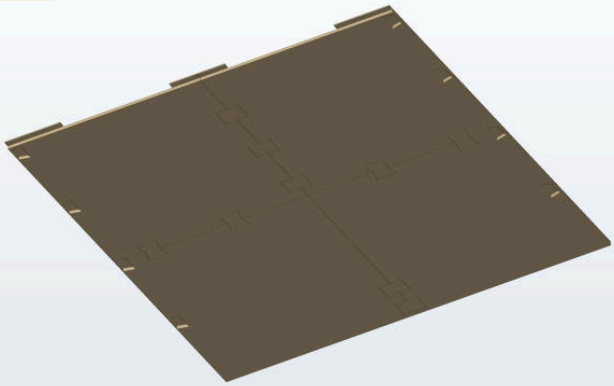
Step 1

The picture shows the underside. Push the four lot sections together and press the nine double wedges into the pockets across the joints (no glue). Only break out the thin wall in front of the pockets at the side edges if a neighbouring lot will be attached later.

NEW PARTS



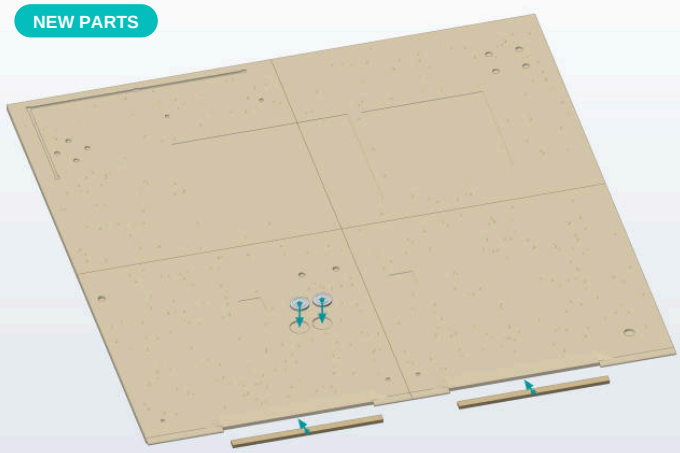
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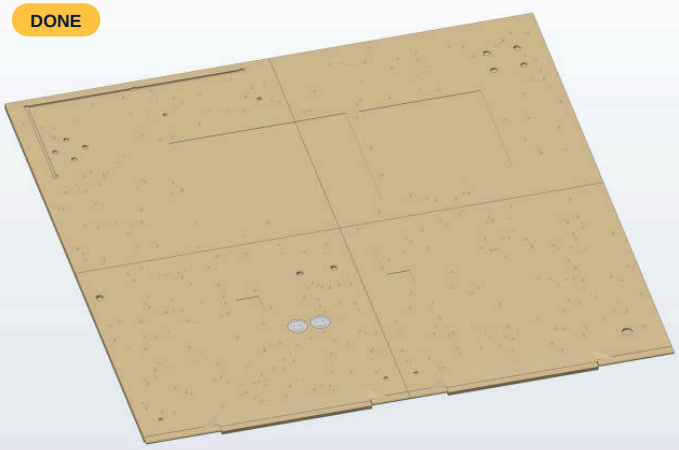
Step 2

Turn the lot over. Lay the two filler strips into the driveways at the curb; leave them loose until a street section is placed in front. Lay the two tank covers into the round pockets in front of the canopy.

NEW PARTS



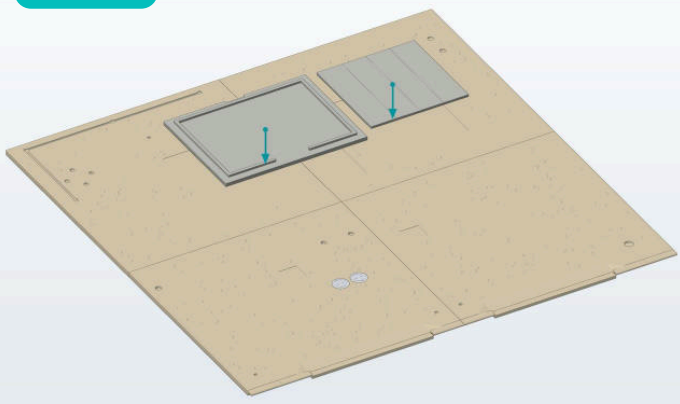
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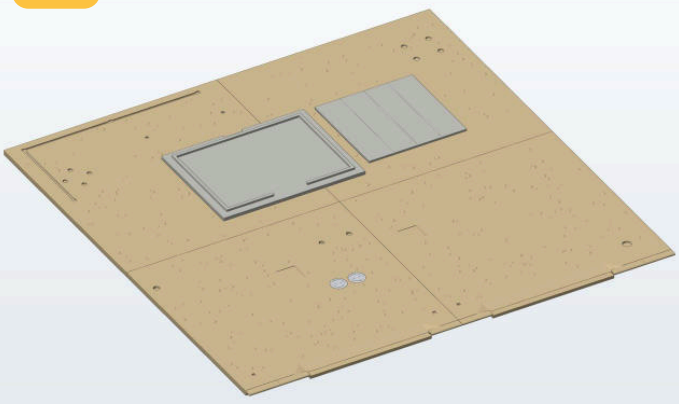
Step 3

Glue the house foundation into the large recess, with the gap in the rim facing the street (the front door goes there). Glue the shed floor into the recess to its right.

NEW PARTS



DONE

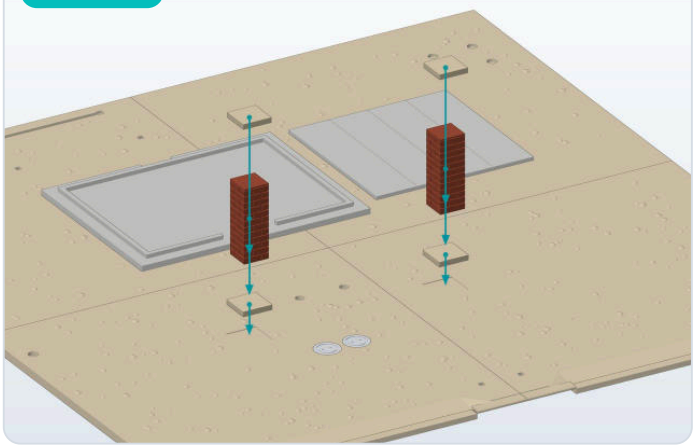


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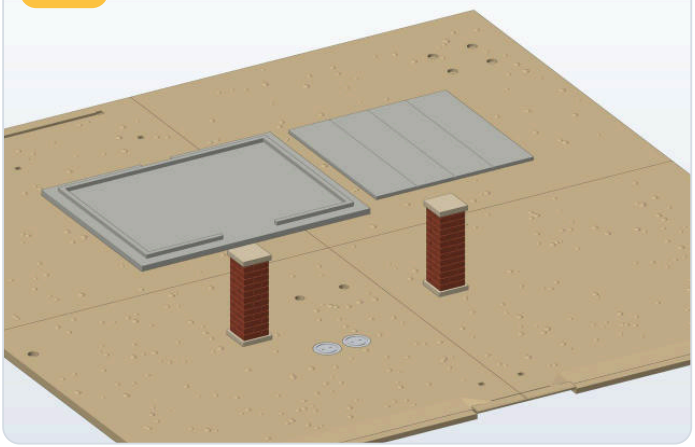
4 Step 4

The two canopy piers: glue a stone base into each square recess, stand the brick pier on it and glue the stone cap on top.

NEW PARTS



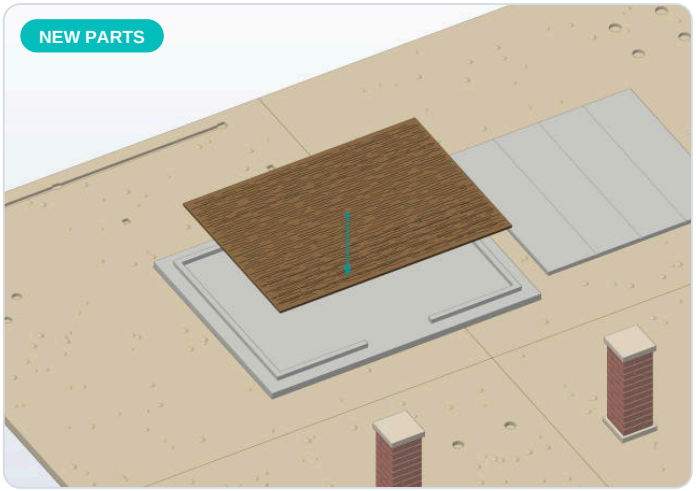
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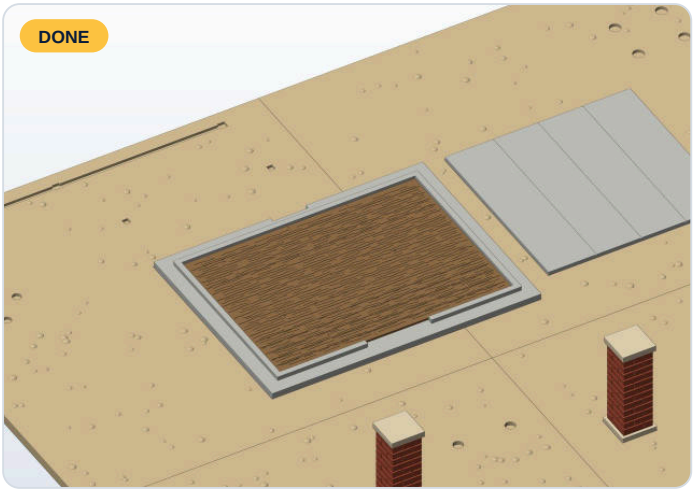
5 Step 5

Lay the plank floor inside the rim of the foundation and glue it down. The planks run across the front door.

NEW PARTS



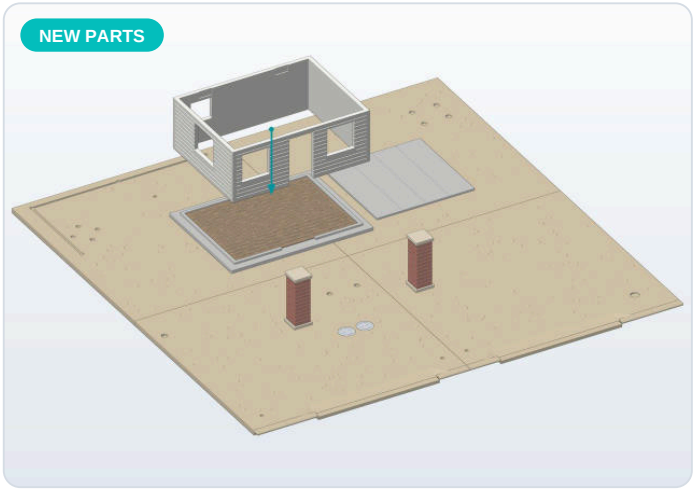
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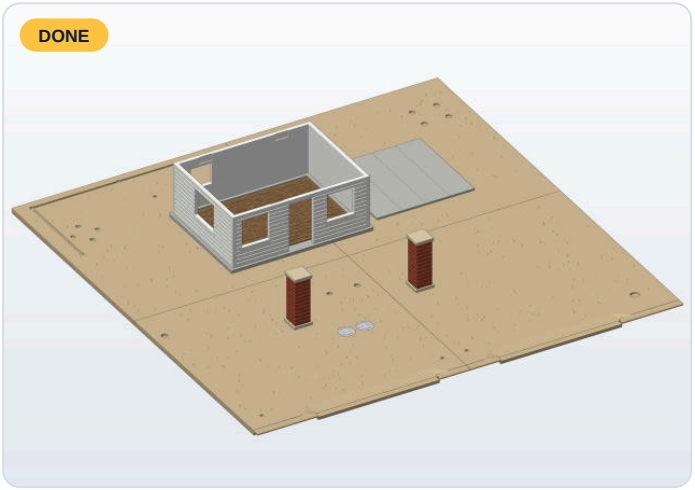
6 Step 6

Place the wall ring over the rim of the foundation from above and glue it. The door opening faces the street.

NEW PARTS



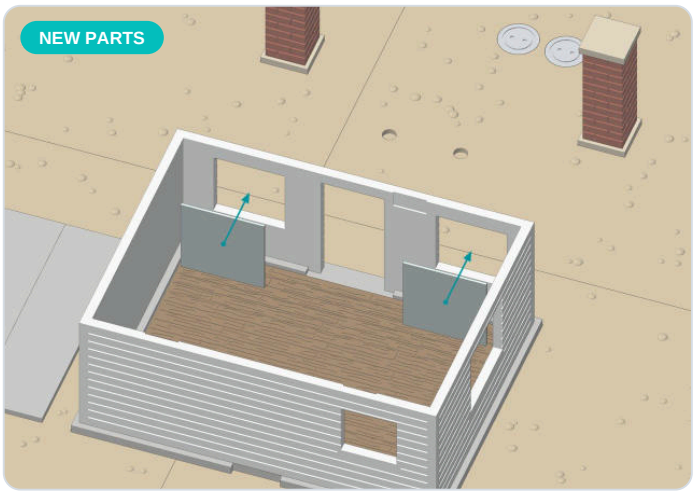
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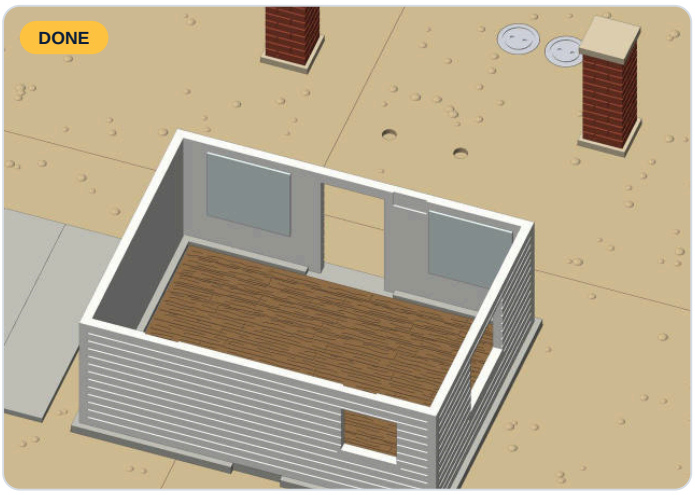


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7 Step 7

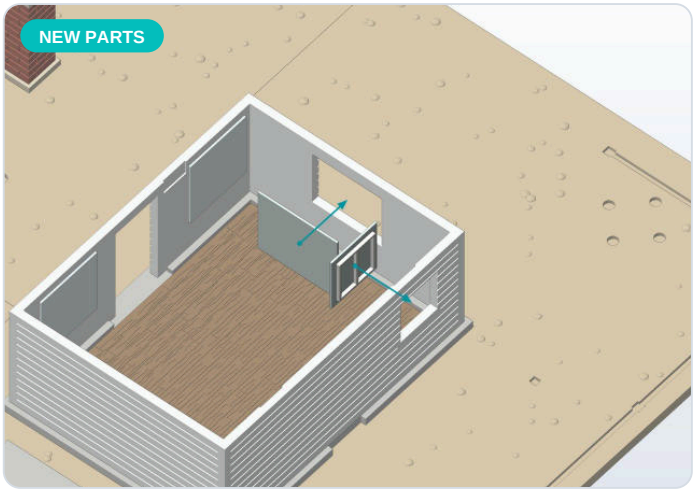
Seen from inside: slide the two front windows into the openings from the inside (pane with printed white frame, one part). Apply glue only to the projecting rim of the pane.

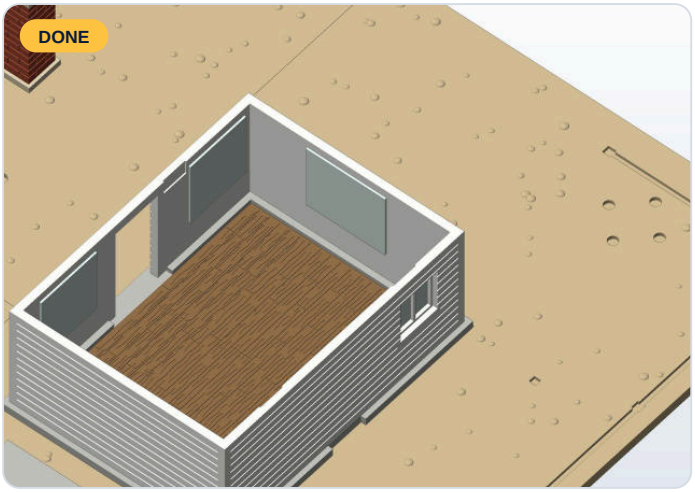




8 Step 8

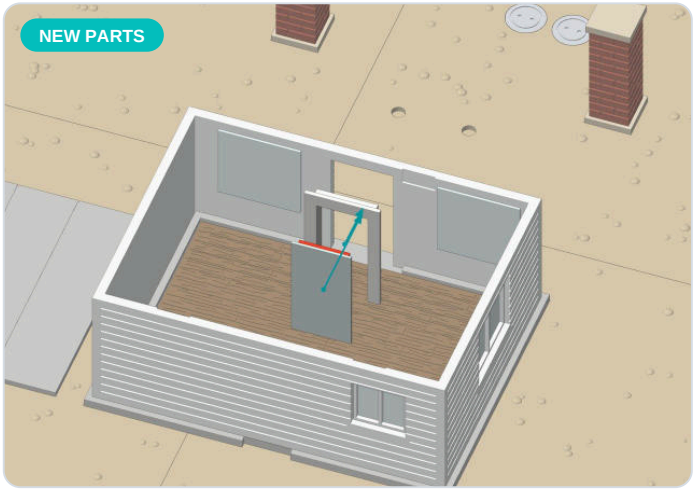
In the same way from the inside: the wide window into the left wall, the small window into the rear wall.





9 Step 9

Front door, from the inside: glue the white frame into the opening first, then the glazed door leaf behind it.



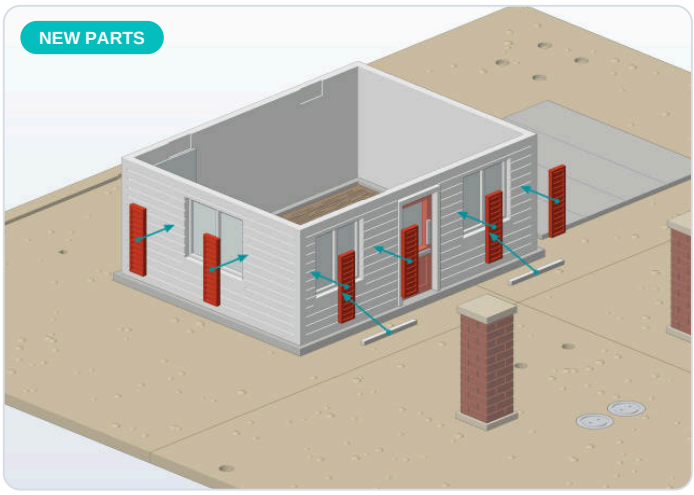


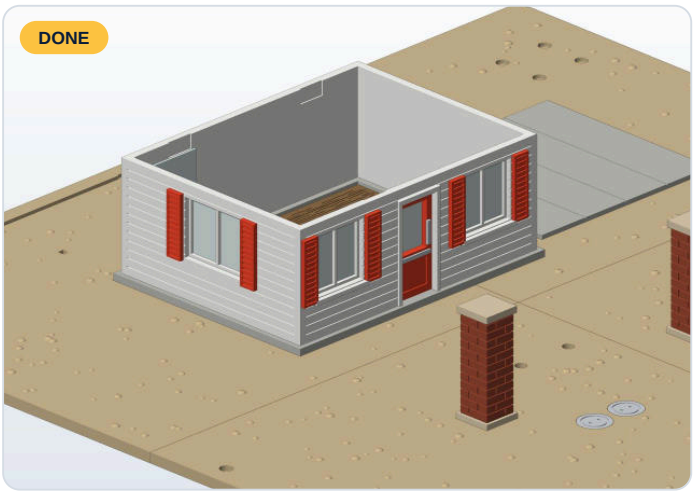
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10

Step 10

Outside: glue the six orange-red shutters to the left and right of the windows (four at the front, two on the left wall). The two white sills go under the front windows.

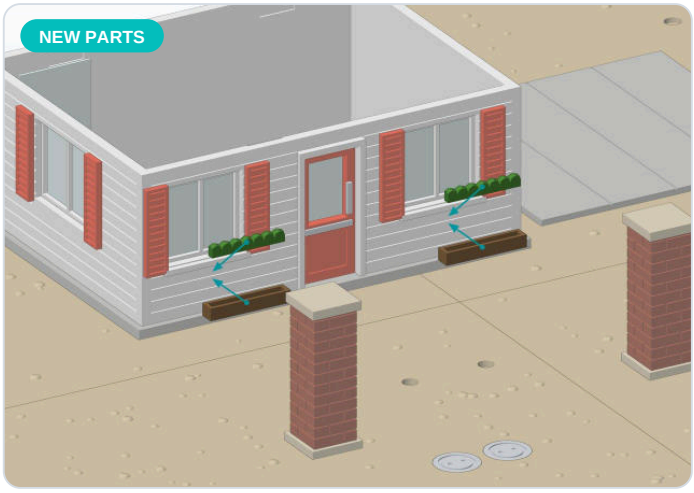




11

Step 11

Glue the two flower boxes under the sills and set the flowers into them.

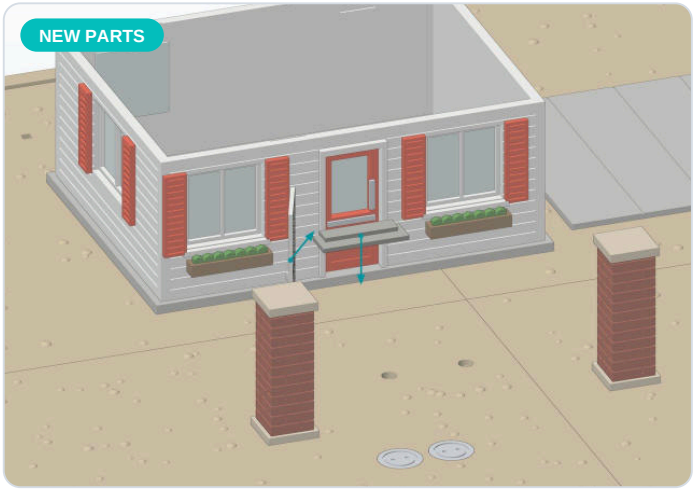




12

Step 12

Lay the door steps in front of the front door. The screen door stands open: glue its long edge to the left side of the door opening.

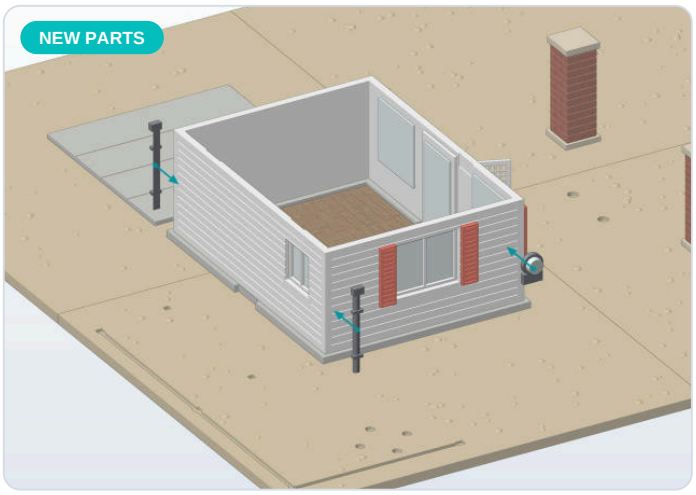


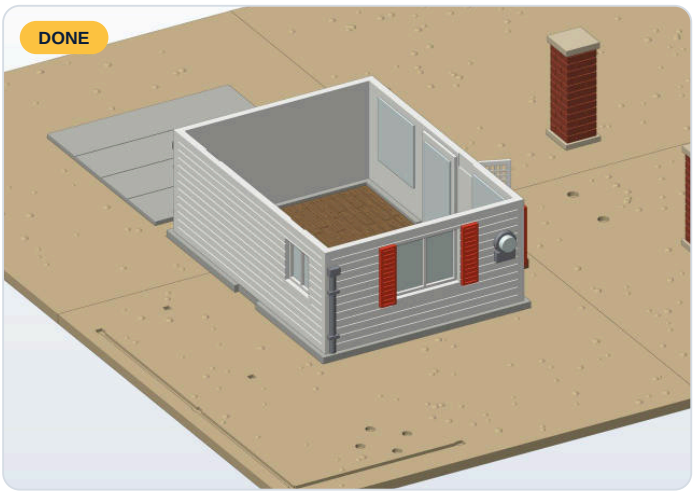


13

Step 13

Glue the electricity meter to the front of the left house wall. The two downpipes go at the rear corners: one on the left wall, one on the right wall.

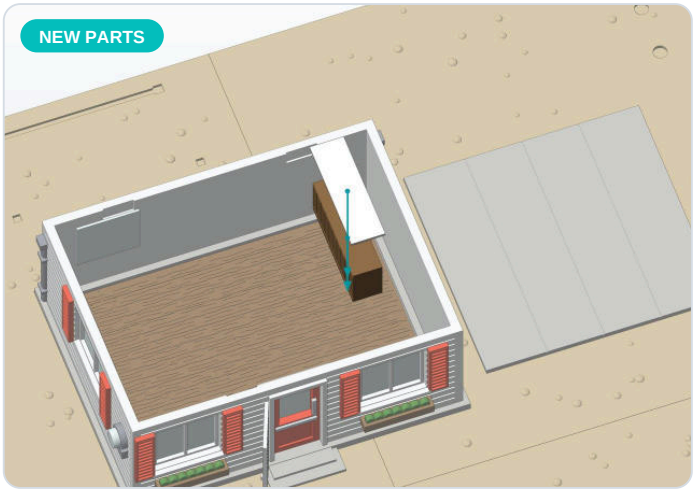




14

Step 14

The shop: stand the counter in front of the right wall, with the boarded front facing the room. Glue the white counter top onto it.

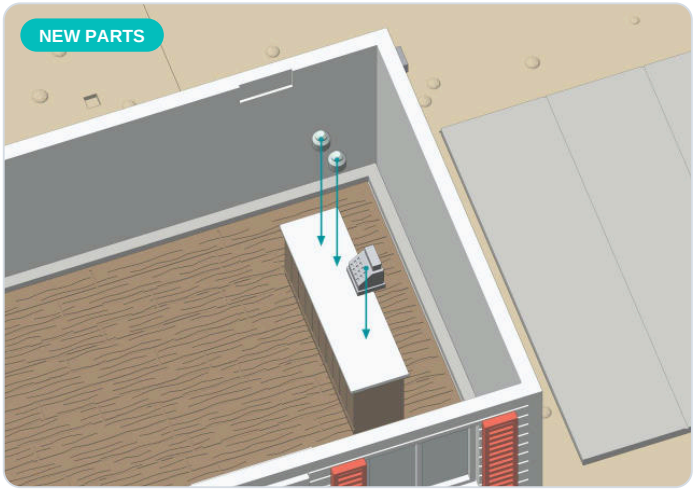


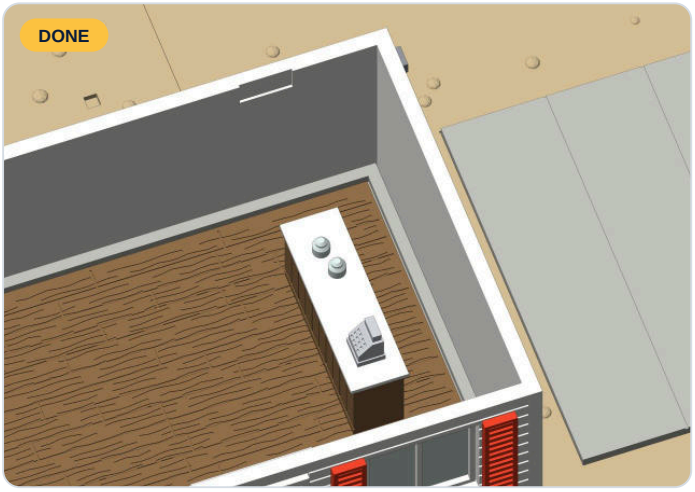


15

Step 15

Glue the cash register onto the front of the counter and the two candy jars behind it.



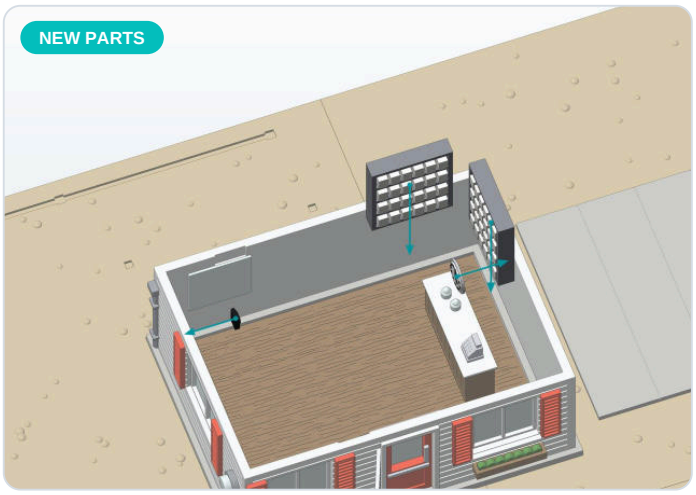


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16

Step 16

Two shelves with oil cans: one behind the counter on the right wall, one on the rear wall. The clock goes above the shelf on the right wall, the telephone on the left wall.

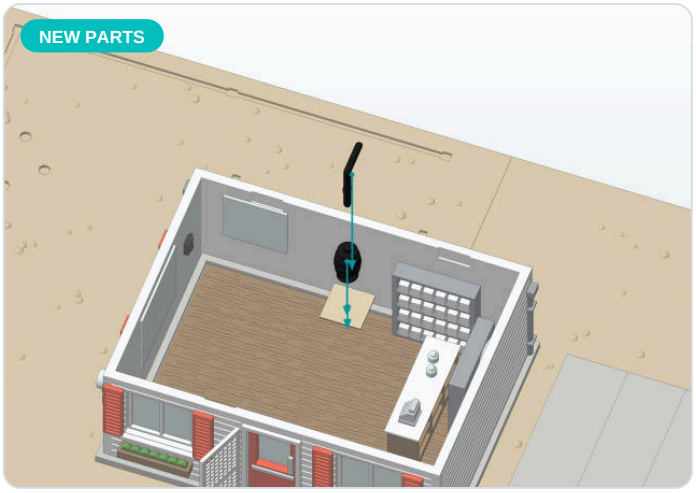


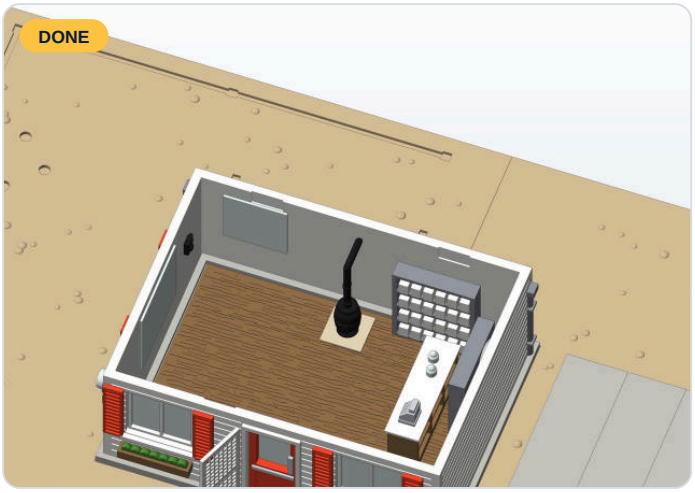


17

Step 17

Lay the stone slab in front of the rear wall and stand the pot-belly stove on it (fire door towards the front door). Glue the stovepipe onto the collar with the elbow pointing to the rear wall.

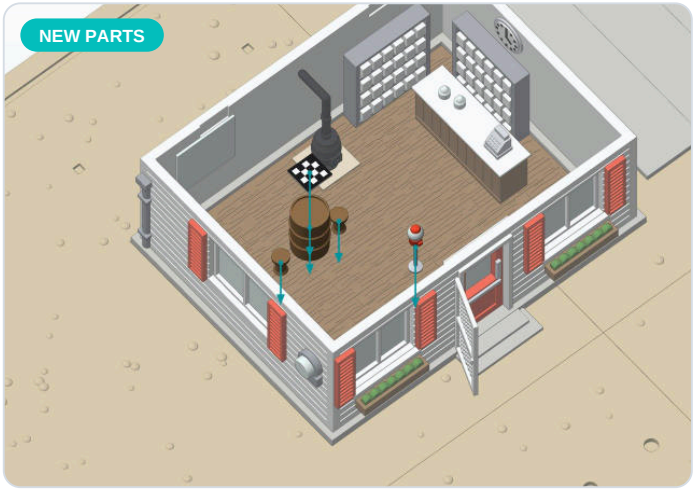


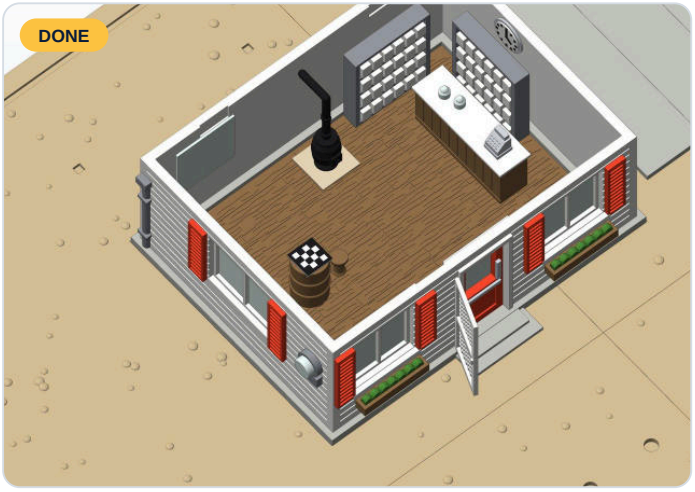


18

Step 18

Stand one barrel in the shop as a game table and glue the checkerboard onto it, with a stool on either side. The gumball machine stands inside next to the front door.



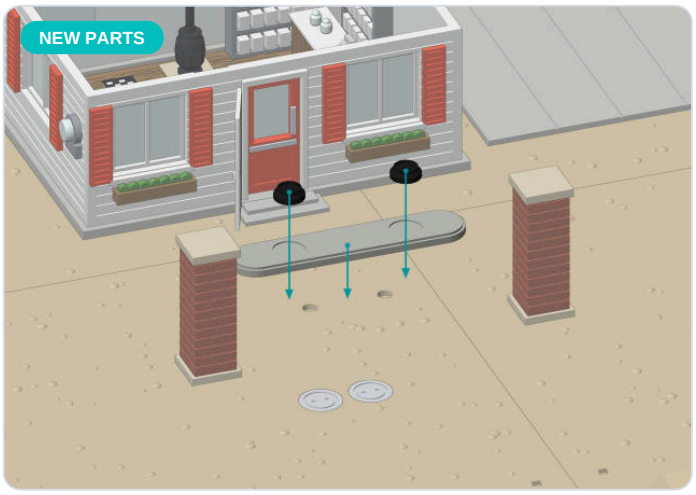


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19

Step 19

Glue the pump island into the holes between piers and house by its two pegs. Glue a black pump base into each round recess.

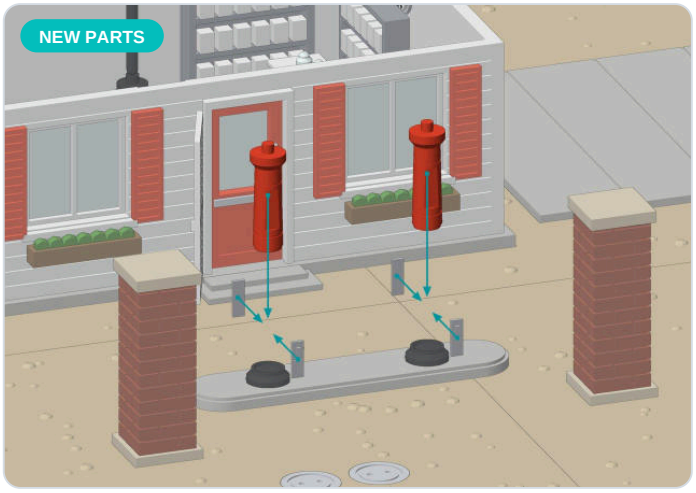




20

Step 20

Glue the pump bodies into the bases with the flat faces to front and rear. A chrome service hatch goes onto each flat face.

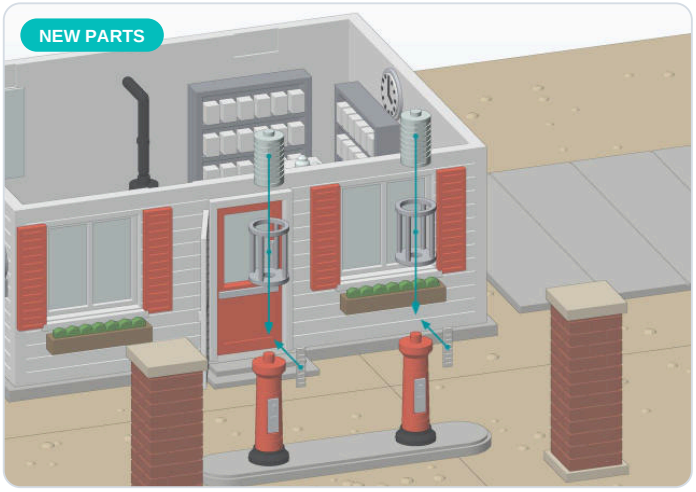


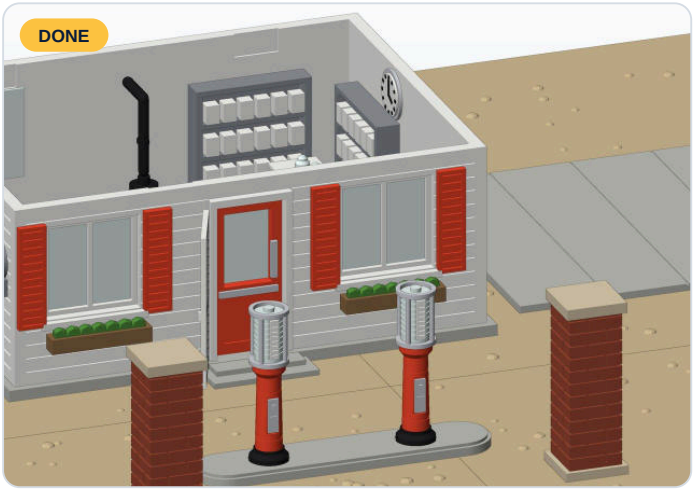


21

Step 21

Push the cylinder cage onto the peg of the body and stand the glass cylinder in it from above (flat face to the front). Glue the white scale strip onto the front of the glass cylinder.



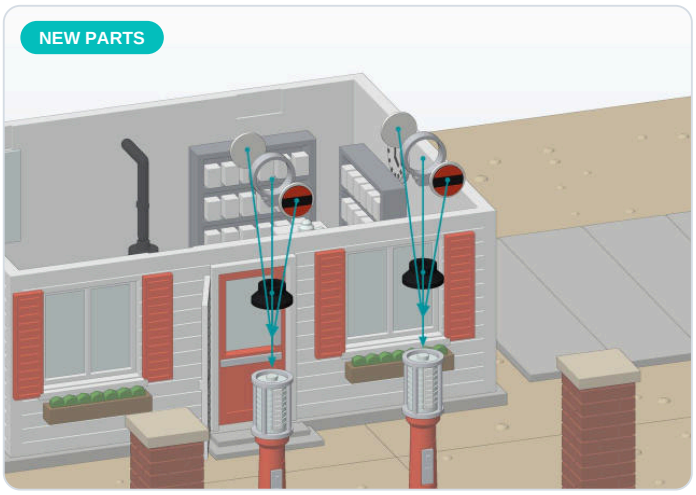


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22

Step 22

Glue the head onto the cylinder cage with the slot across the island. Push the chrome ring into the slot by its neck and glue a globe disc into it from the front and from the rear.

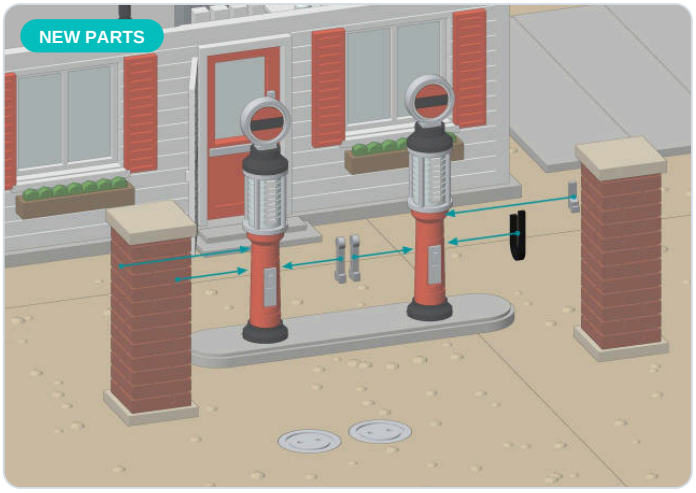




23

Step 23

Glue the hose to the outer side of each pump and the nozzle to its short end. The pump lever goes on the inner side of the body.

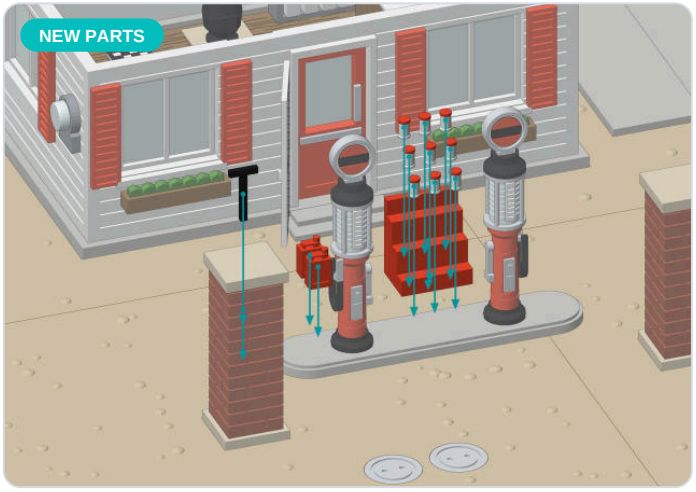


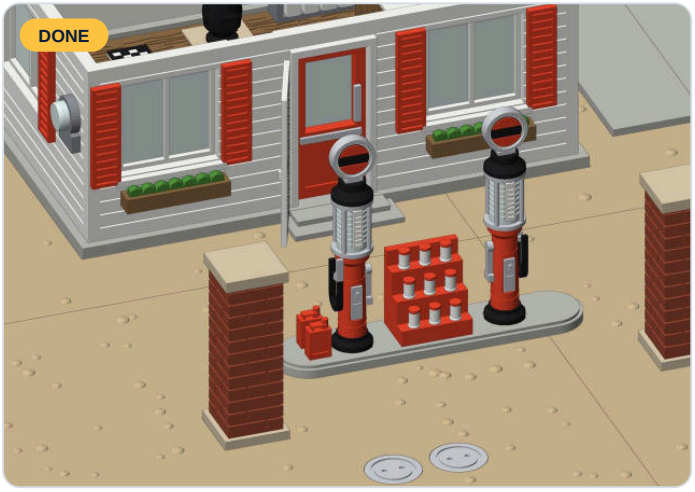


24

Step 24

The oil can stand goes in the middle of the island, with three cans on each of its three steps. The two jerry cans at the left end of the island, the bucket with the squeegee next to it.



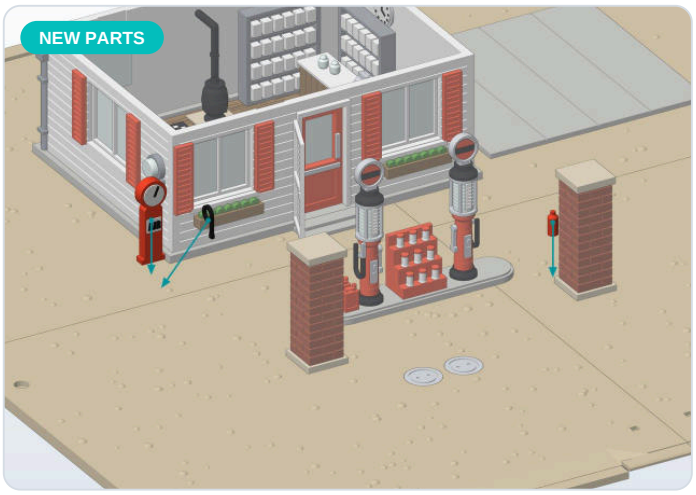


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25

Step 25

Stand one fire extinguisher at the right brick pier. The air tower goes to the left in front of the left pier, the air hose on its side.

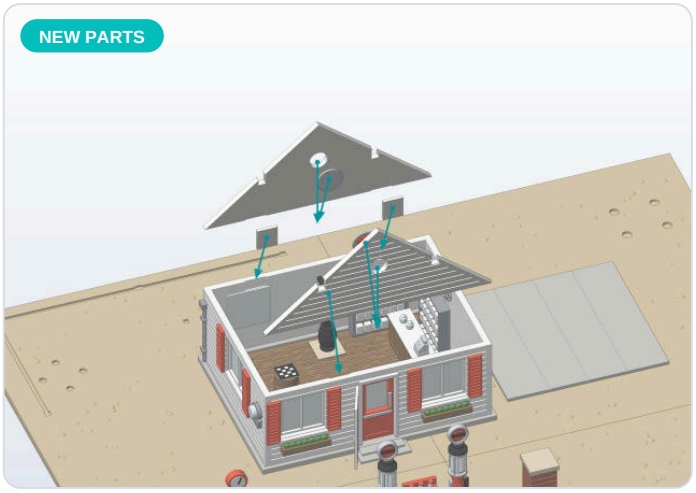




26

Step 26

The roof is removable. Glue a gable window behind the round hole of each house gable. Glue the three small plates into the grooves on the inside of the gables – NOT to the wall ring: they guide the roof when it is put on.

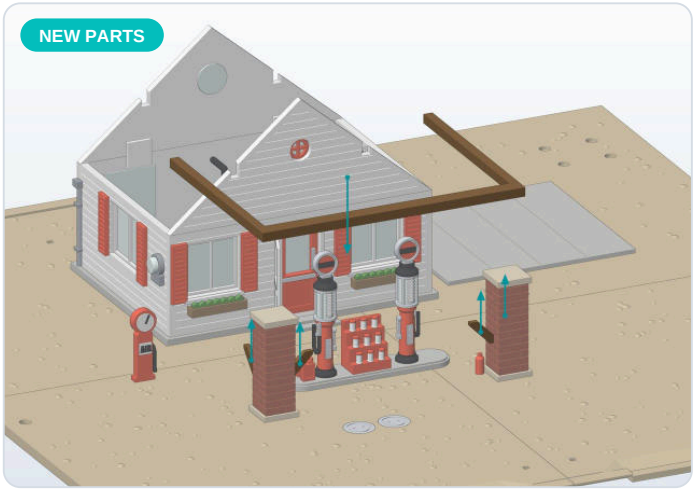




27

Step 27

Glue the canopy beam frame onto the two piers; at the back it butts against the house wall. Glue the four braces diagonally between pier and beam.





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Step 28

28

Stand the gable with the GAS lettering loosely on the front of the canopy beam. Glue the OPEN sign to the front of the beam by its two tabs.

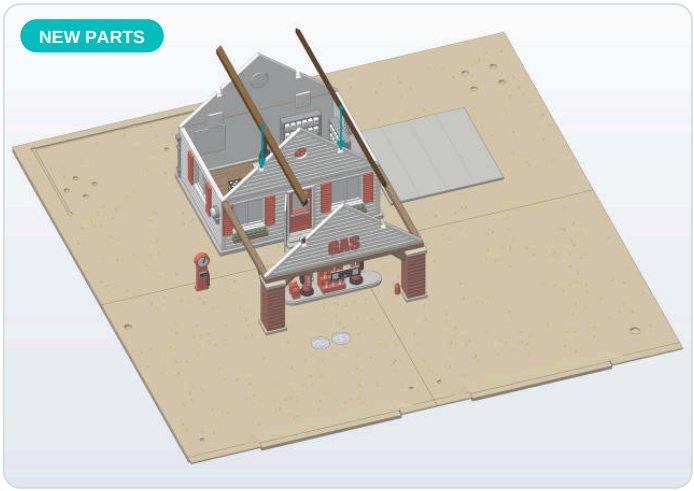




Step 29

29

Glue the two purlins into the notches of the three gables. They join the gables into one roof frame.

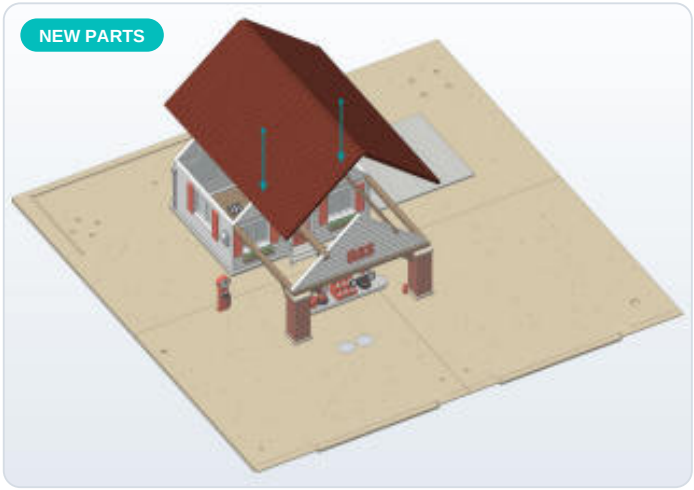




Step 30

30

Glue the two roof halves onto gables and purlins, shingles facing up. At the rear the roof finishes flush with the house wall.





31

Step 31

Glue the ridge cap over the ridge and the white bargeboard under the front roof edge in front of the gable. Set the weathercock onto the ridge with its saddle.

NEW PARTS



DONE



32

Step 32

Glue a strip with rafter ends under each roof overhang and a gutter below it on the outside, open side up.

NEW PARTS



DONE

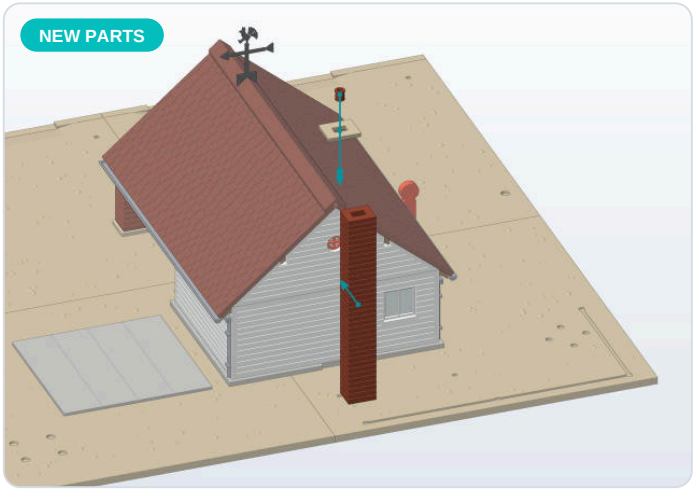


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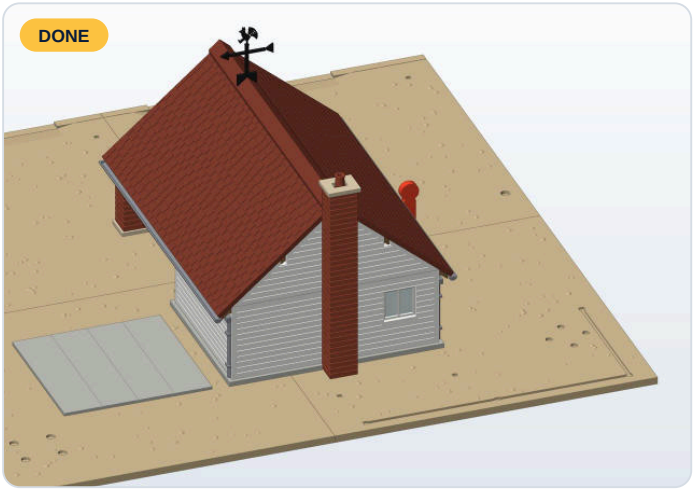
Step 33

Stand the brick chimney against the rear house wall and glue it only to the lot and the wall, not to the roof. Stone cap and clay pot go on top.

NEW PARTS



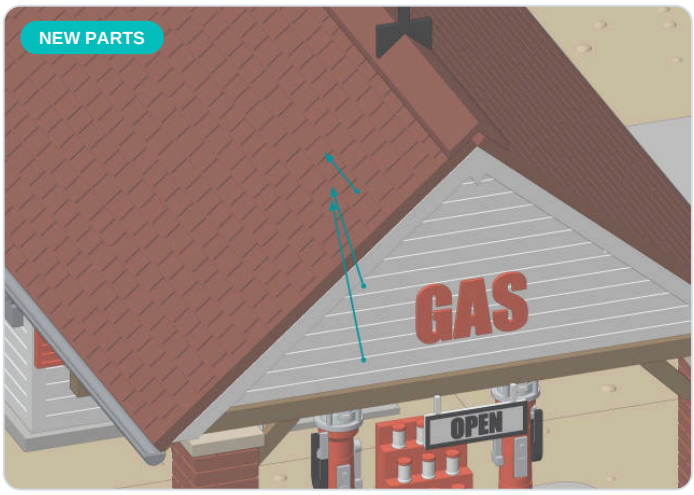
DONE



34

Step 34

The lamp above the front door: glue the arm to the house gable, the shade under its end and the glass bulb under the shade.

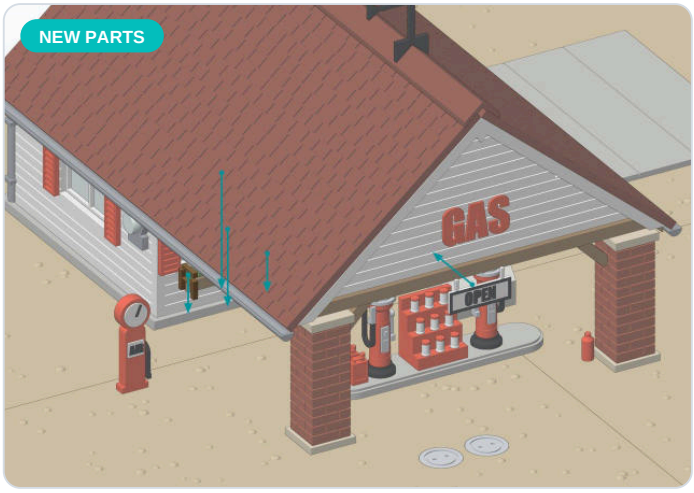




35

Step 35

The bench under the left window: glue seat and back into the slots of the two ends, the back stands against the wall. The ice chest goes to the right of the front door.

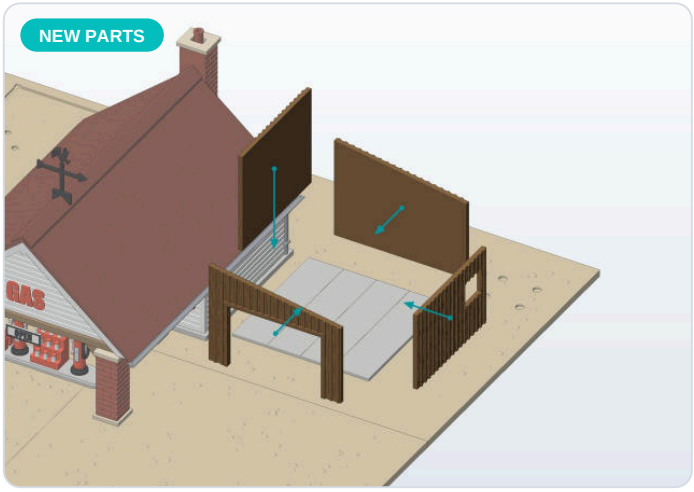


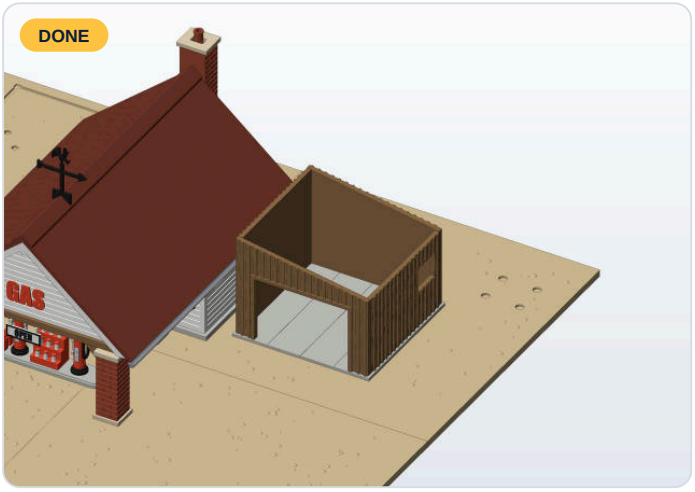


36

Step 36

The shed: glue the four board walls onto the shed floor, battens facing outwards. The wall with the doorway at the front, the one with the window on the right; the low side is on the right.



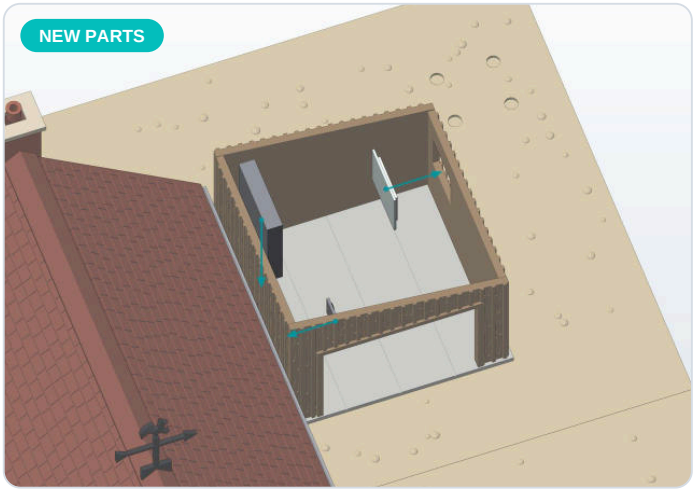


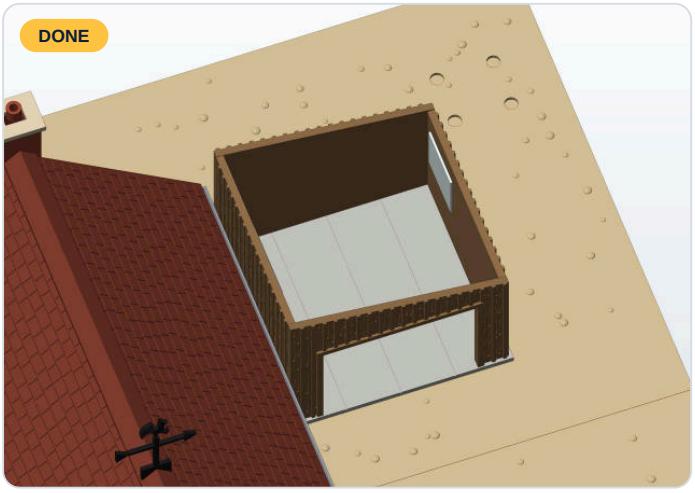
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37

Step 37

Glue the shed window behind the opening of the right wall from the inside. The third shelf goes on the left wall, the fan belt board above it towards the front.

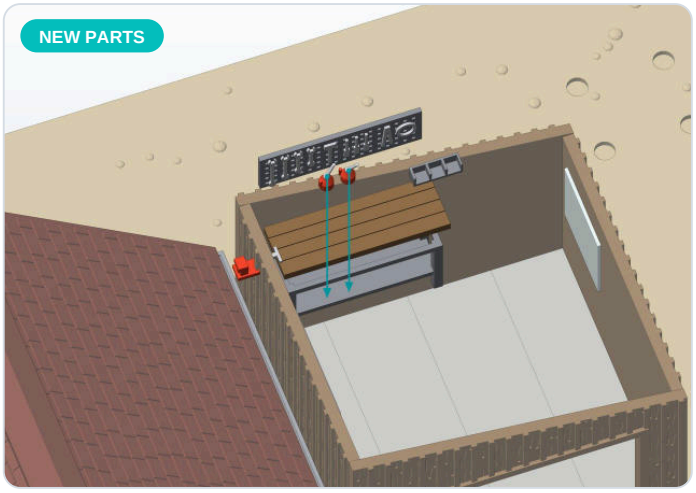


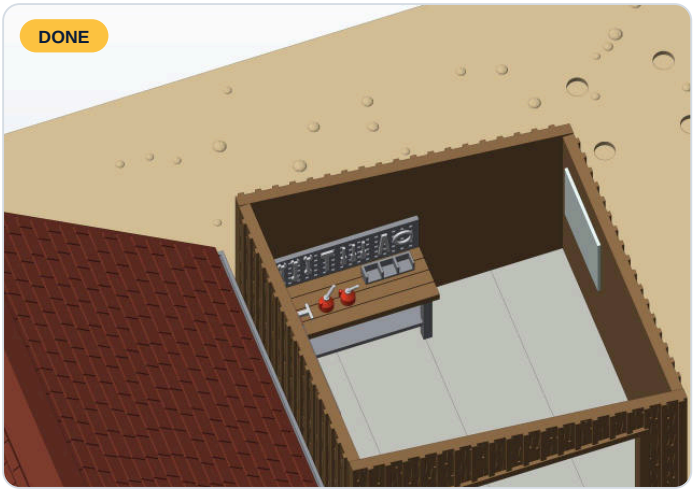


38

Step 38

Workbench at the rear wall: wooden top onto the frame, pegboard with tools behind it on the wall, vice and parts bins on the top. Add the two oil cans.

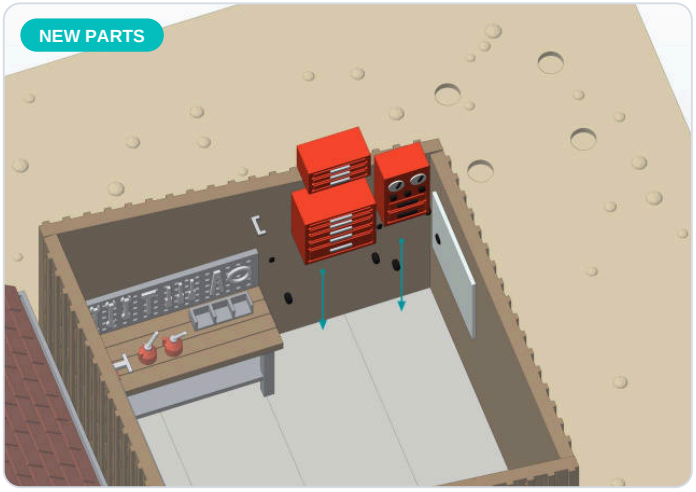


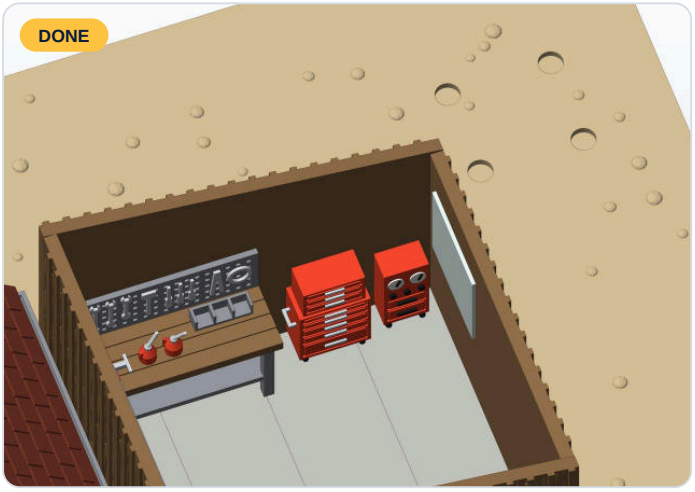


39

Step 39

To the right of the workbench: build the tool cabinet from base, top chest, side handle and four castors, and next to it the engine tester on its four castors.

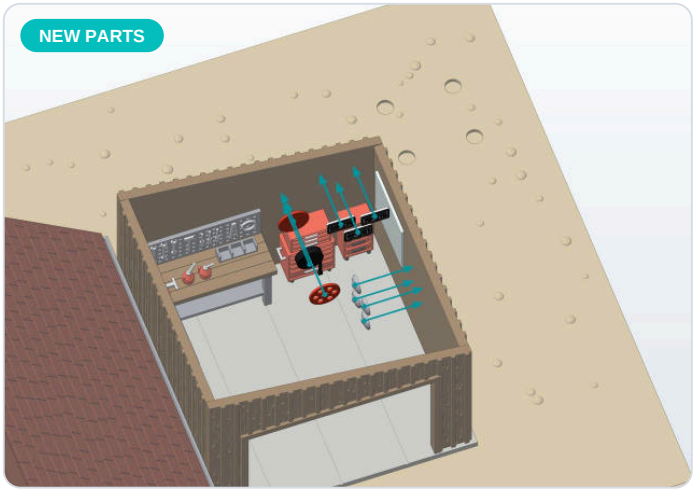


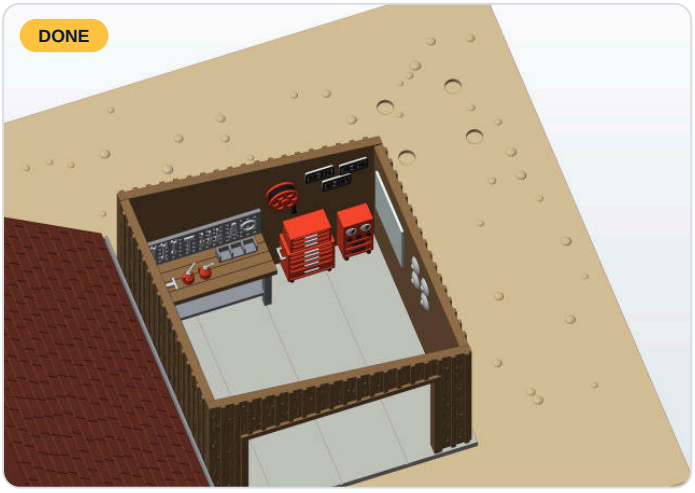


40

Step 40

On the rear wall: hose reel made of wall plate, hose coil and cover plate, with the three licence plates next to it. The four hub caps go on the right wall.

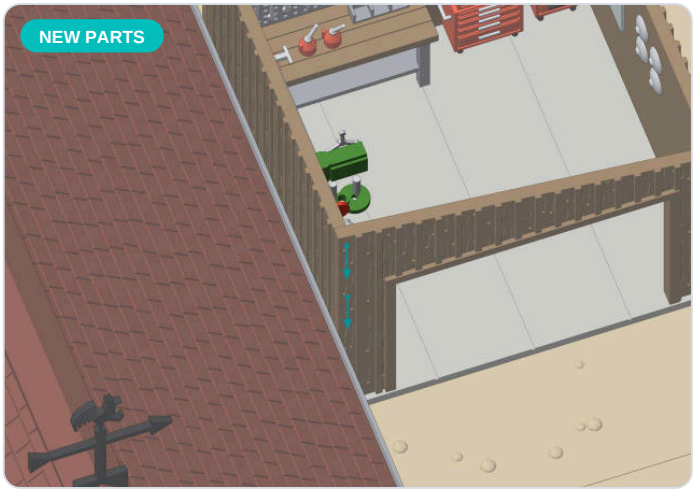




41

Step 41

On the left wall, at the front: the pillar drill (base, column, table, head, spindle, lever) and the bench grinder with two wheels.

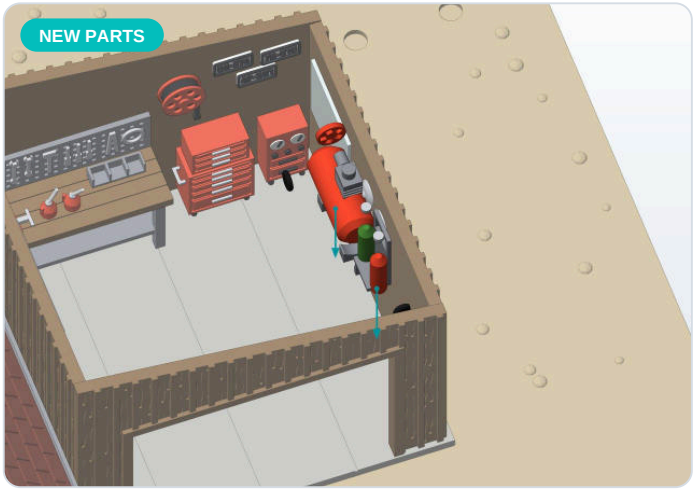


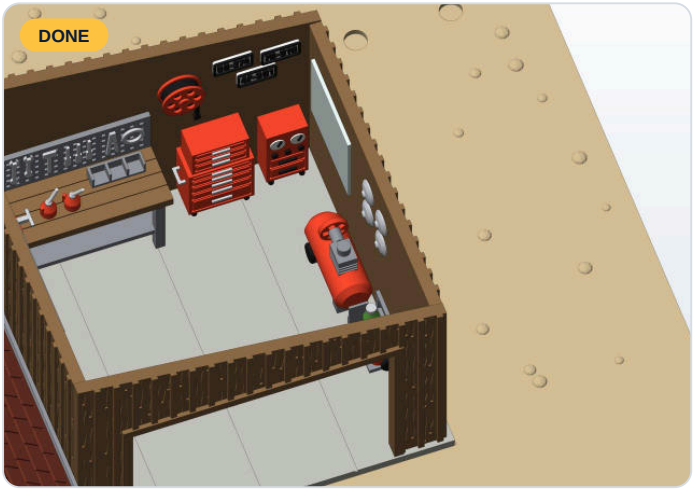


42

Step 42

On the right wall: the compressor (tank on chassis, motor, flywheel, two wheels) and the welding cart with two cylinders.



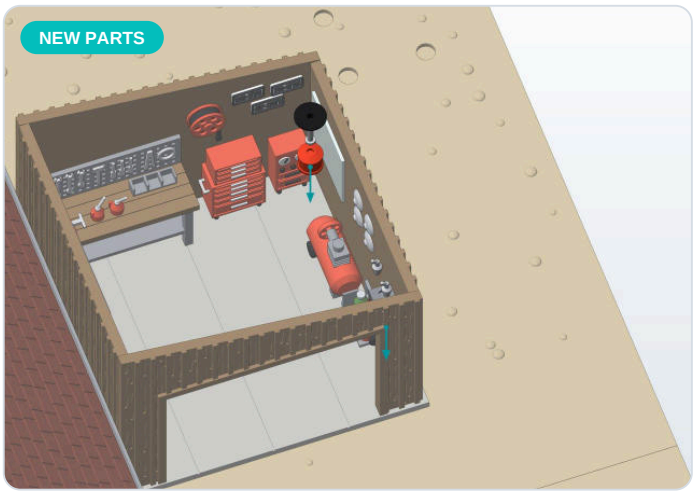


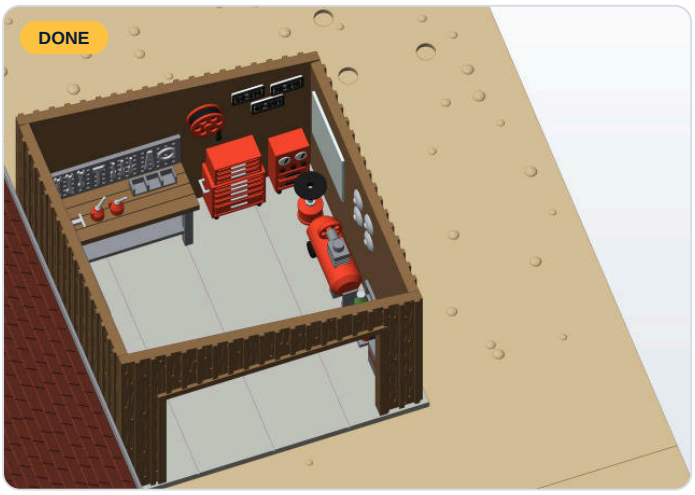
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43

Step 43

The oil bar with three hand pumps goes in the front right corner, the waste oil drainer at the rear right next to the engine tester.

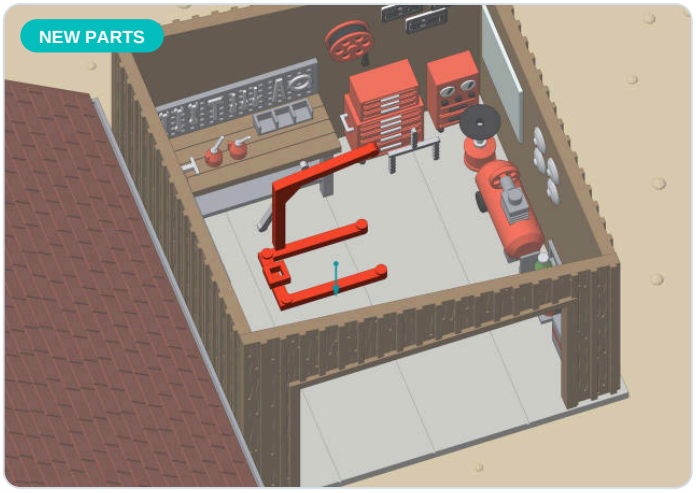


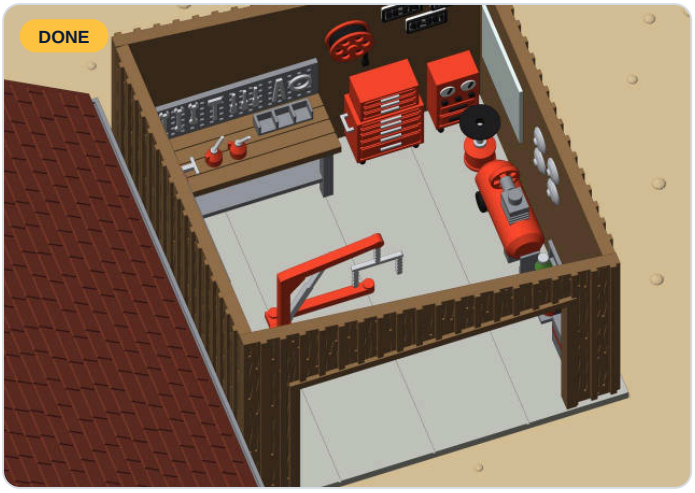


44

Step 44

Engine hoist in the middle of the shed: mast with jib onto the chassis, the hydraulic ram diagonally between them, the chain with spreader on the jib.

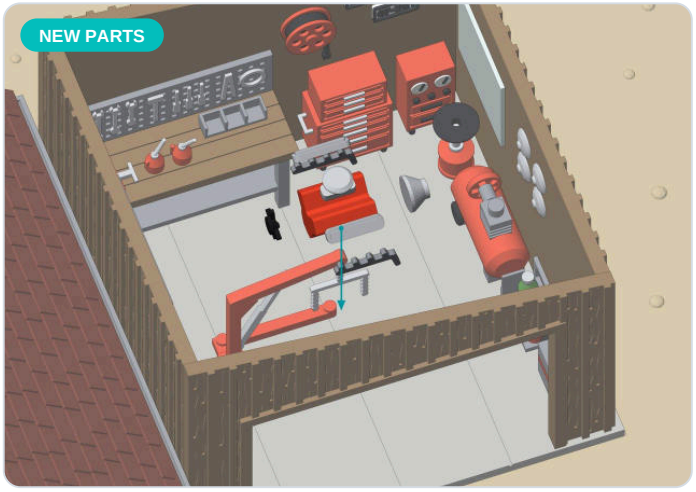


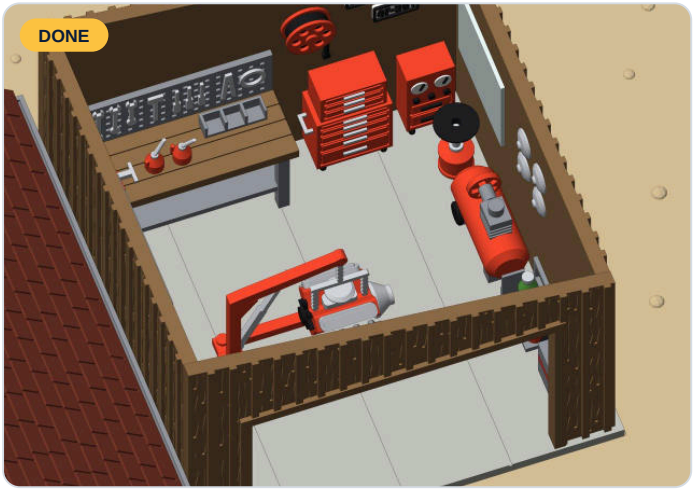


45

Step 45

The V8 engine hangs from the hoist: intake manifold with air cleaner onto the block, valve covers and exhaust manifolds at the sides, fan at the front, bell housing at the rear.



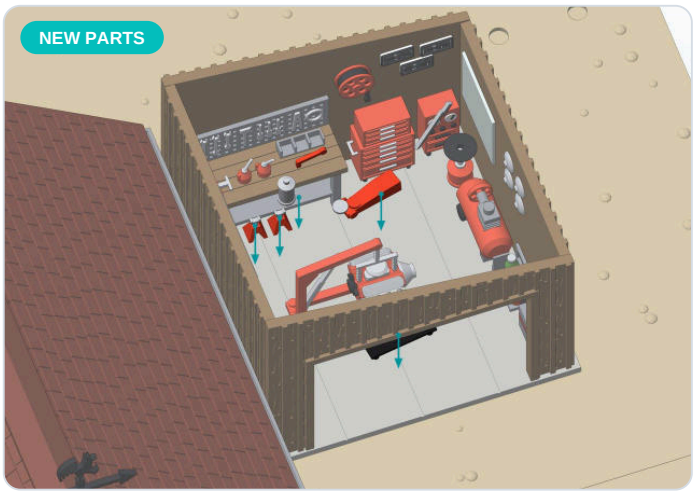


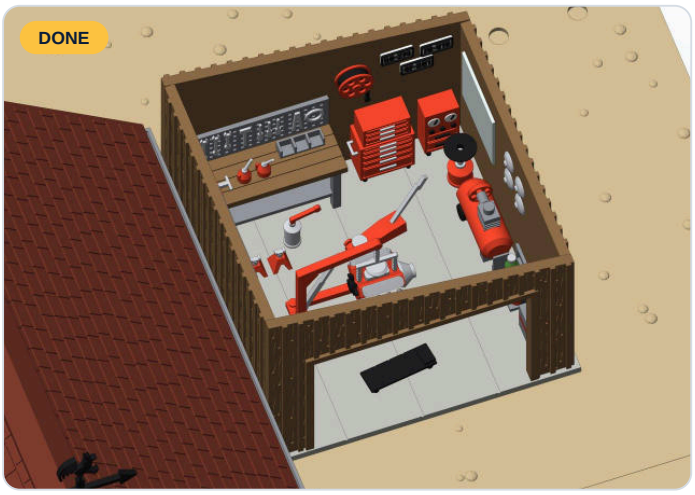
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46

Step 46

On the floor: trolley jack (body, handle, saddle), two axle stands, the creeper at the doorway and the grease gun in front of the workbench.

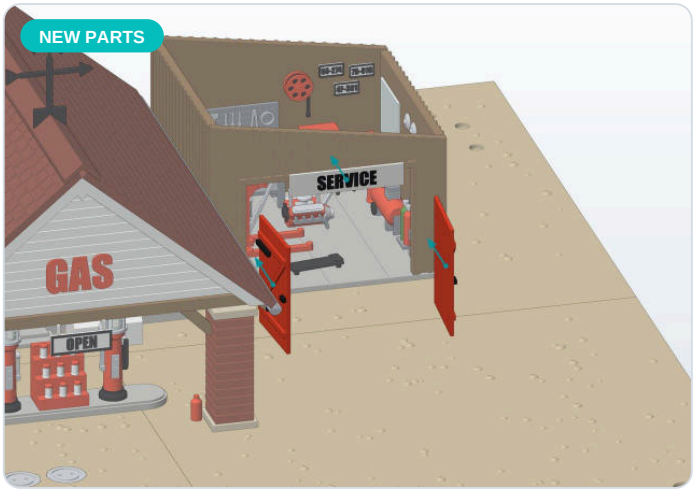


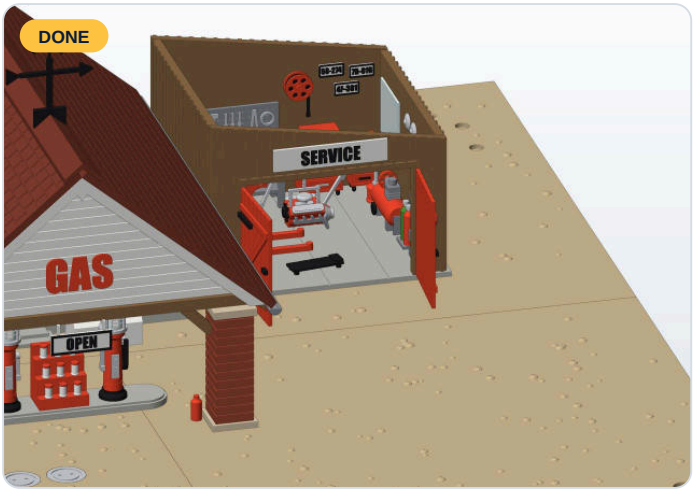


47

Step 47

Glue the two door leaves to the door frame standing open, black hinges facing outwards. The SERVICE sign goes above the doorway.

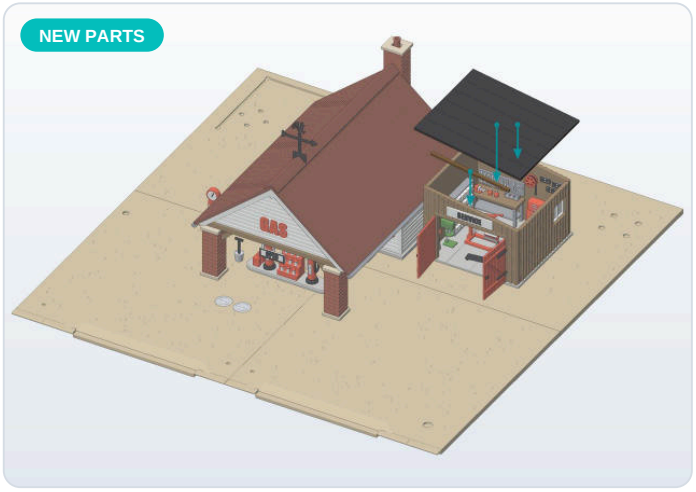




48

Step 48

The shed roof stays loose and removable: glue the two wooden strips under the roof so that they sit against the inside of the front and rear walls. Then lay the roof on.



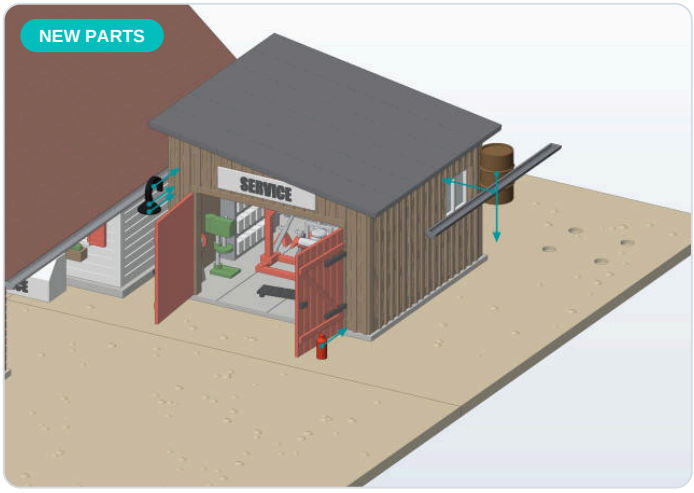


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49

Step 49

Glue the gutter under the low edge of the shed roof and stand a barrel under its rear end as a rain butt. The lamp (arm, shade, bulb) goes above the doorway on the left, a fire extinguisher to the right of it.

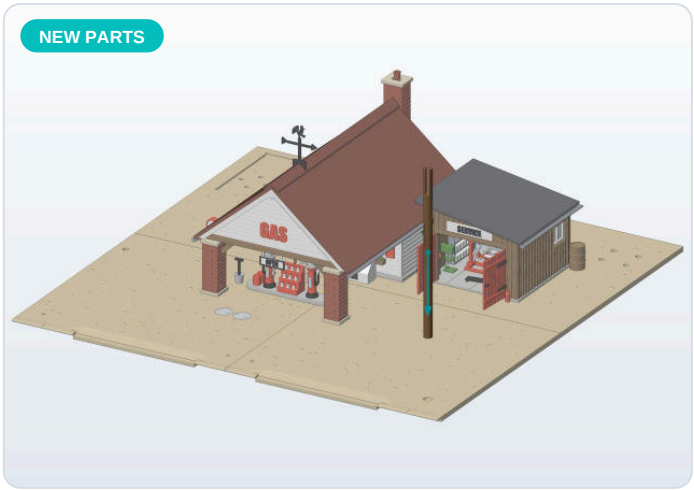




50

Step 50

Glue the tall wooden pole into the round hole at the front right by the street. The slot at the top points diagonally into the yard towards the pumps.

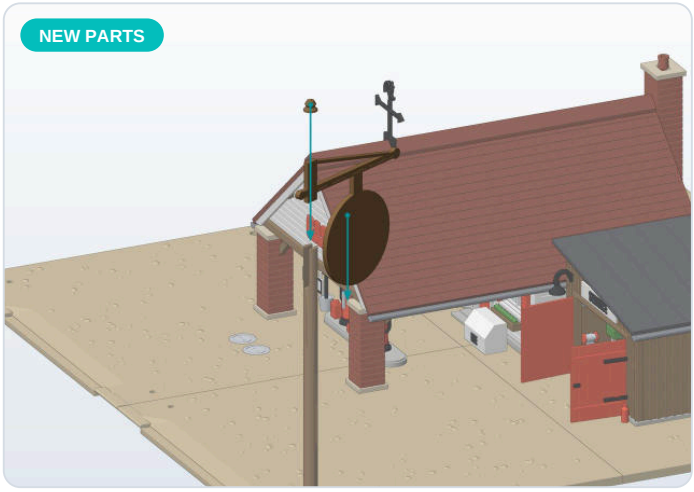


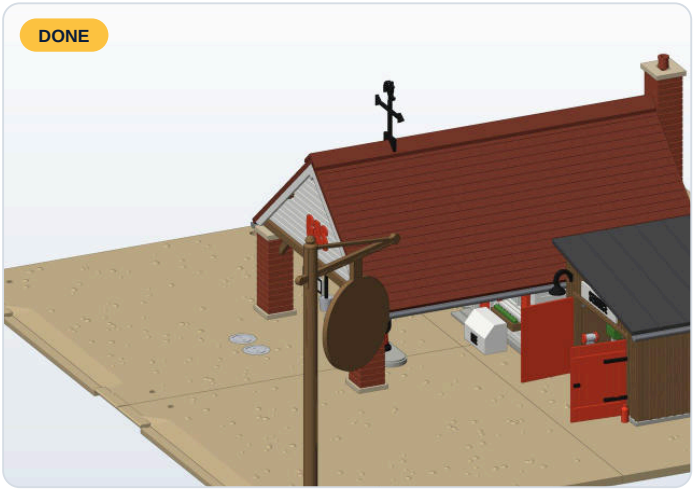


51

Step 51

Glue the jib into the slot of the pole from above by its web; the round disc hangs below the beam. The ball goes on top of the pole and closes the slot.



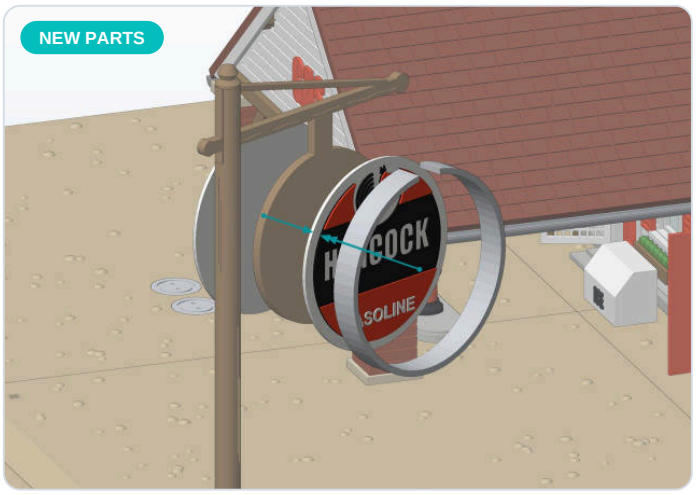


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52

Step 52

Glue the two round brand signs onto the carrier disc from both sides, rooster at the top. Then slide the chrome ring over them with the gap pointing up to the hanger.

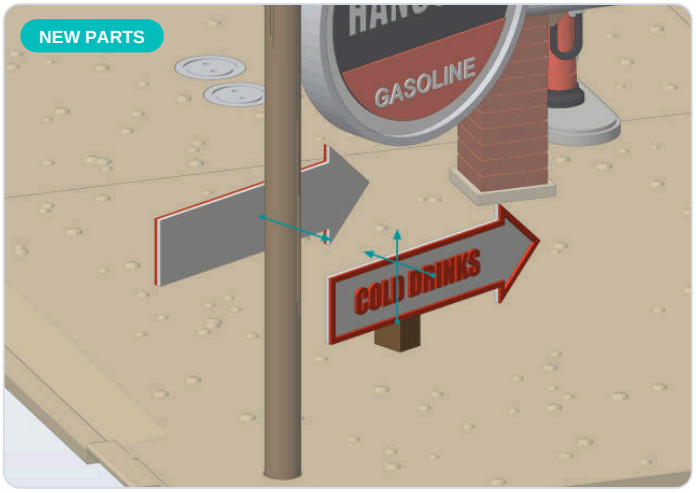




53

Step 53

Glue the two arrow signs to the pole from both sides, both arrows pointing to the house. Glue the spacer block between the signs just before the arrow head.





54

Step 54

Stretch the pennant string from the ball on the pole to the gable peak of the canopy. Glue it to the pole; at the gable just hook it on if the roof is to stay removable.





55

Step 55

Glue the two wooden posts into the square holes between the two driveways and the price board to their front.





56

Step 56

At the front left by the street: glue the US 66 shield to the top of its post. Lean the two boards of the A-frame sign together at the top and glue them.

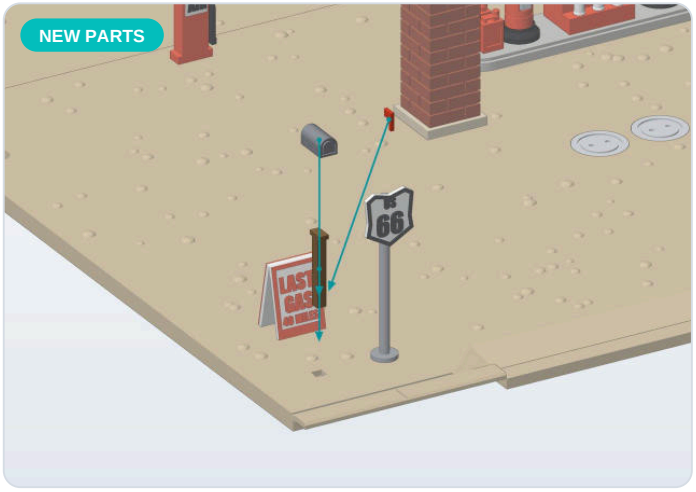


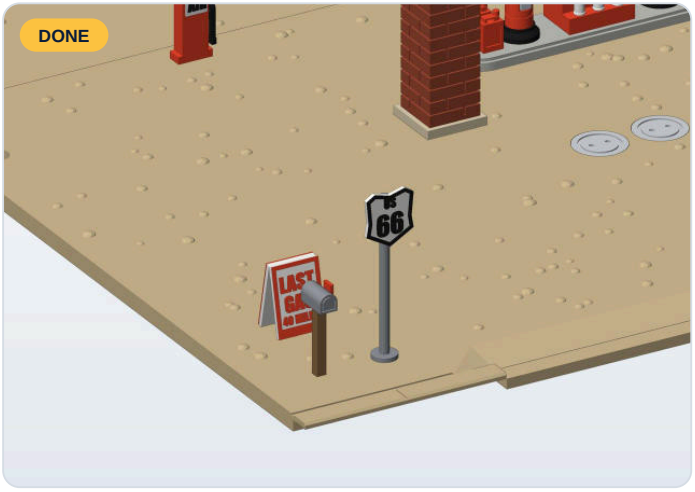


57

Step 57

Glue the mailbox post into the small square hole at the front left, the box on top (door to the street) and the flag on its right.

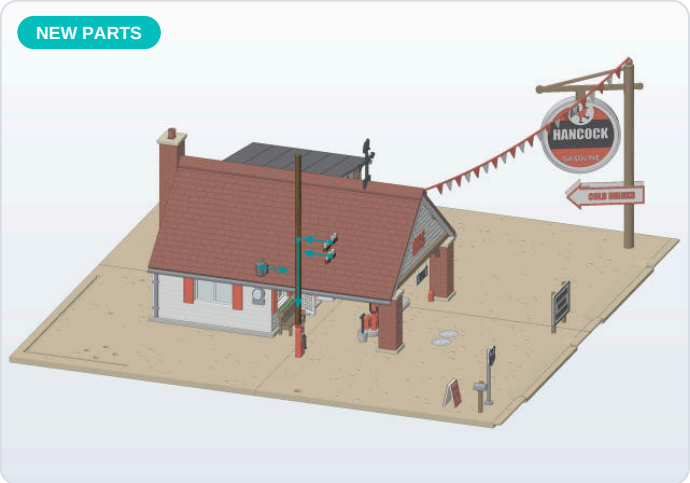




58

Step 58

Glue the utility pole into the hole at the left edge. The two crossarms with insulators go at the front, the long one on top. The transformer with its bracket goes at the back.

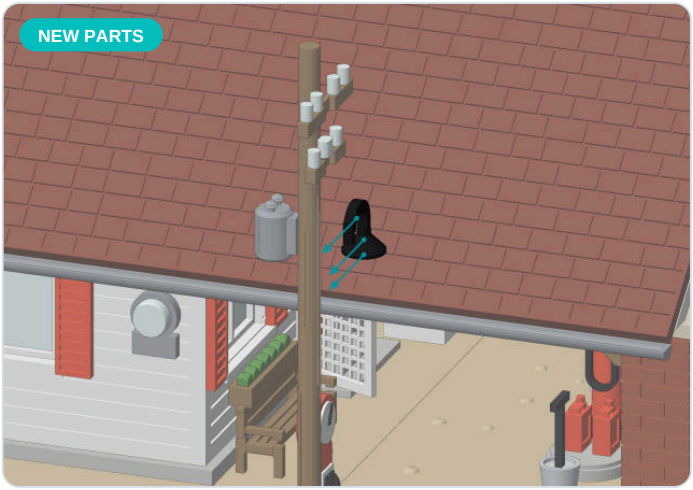


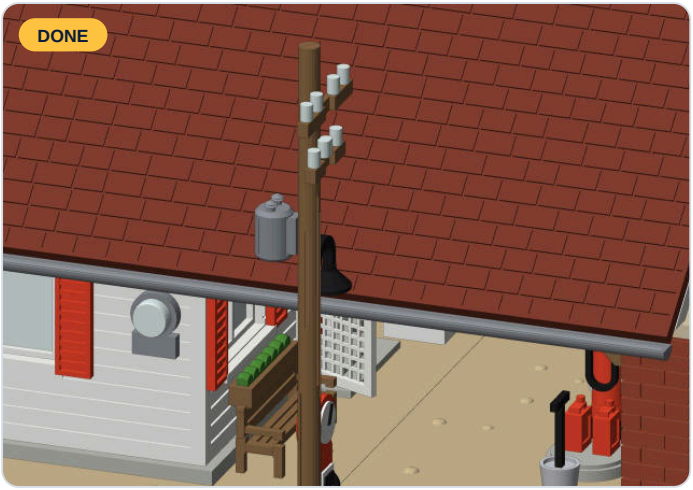


59

Step 59

Glue the third lamp to the utility pole with the arm pointing into the yard: arm, shade, bulb.

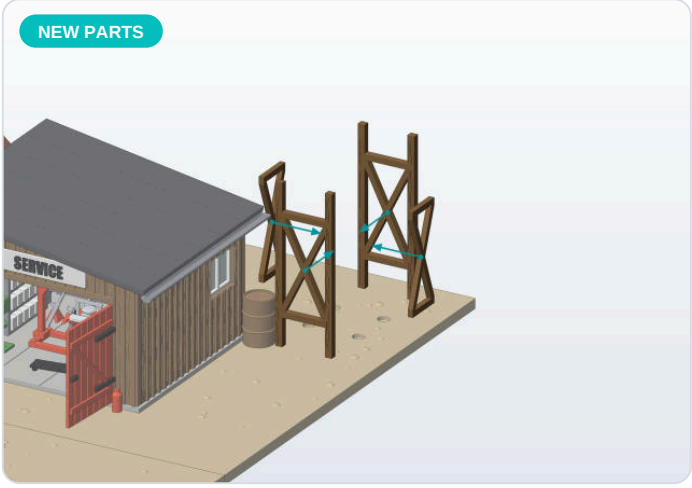


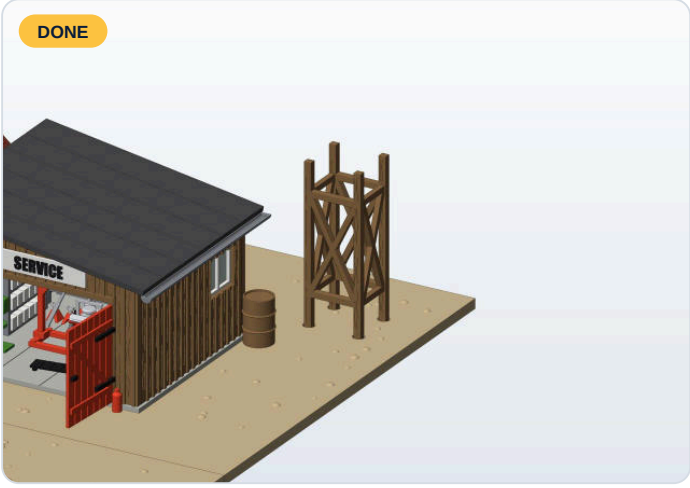


60

Step 60

Water tower behind the shed: glue the two side frames into the four holes by their legs and the two cross braces between them.





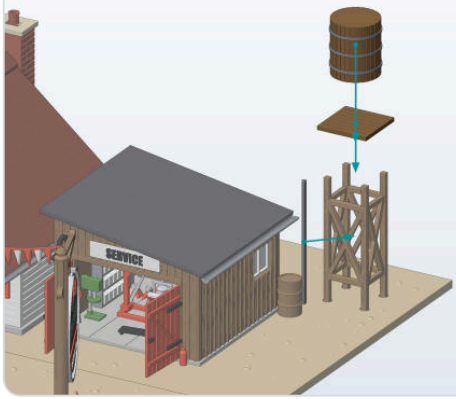
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61

Step 61

Stand the riser pipe vertically in the middle of the tower, glue the platform onto the frame and stand the tank on it.

NEW PARTS



DONE

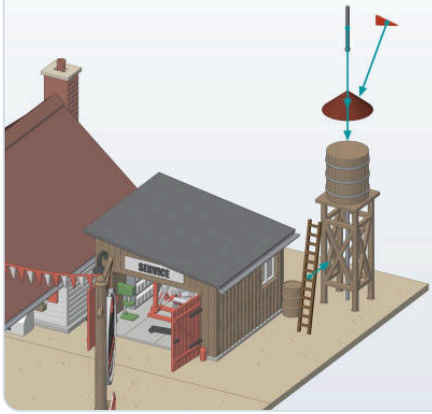


62

Step 62

The conical roof goes onto the tank, the flagstaff onto its tip and the pennant at the top. Lean the ladder against the platform.

NEW PARTS



DONE

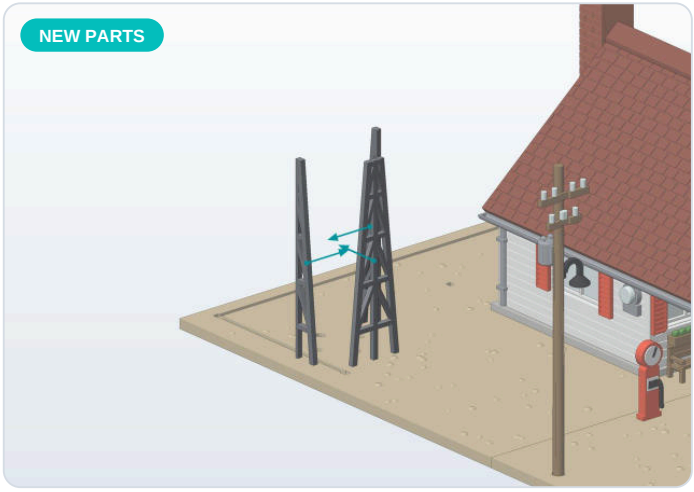


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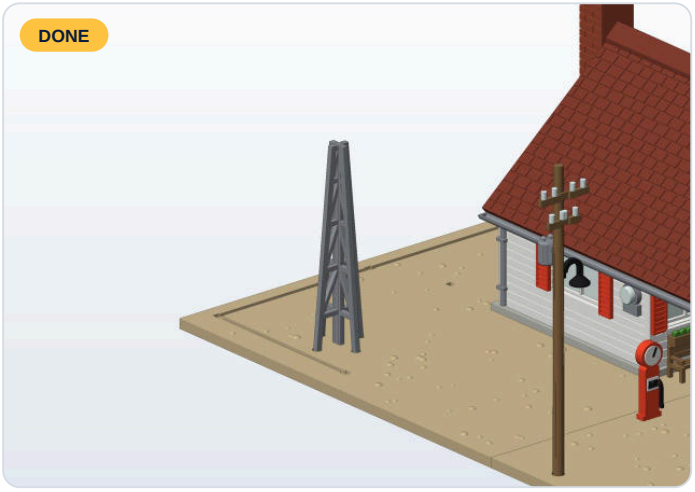
Step 63

Wind pump in the garden: glue the tower frame into the holes and the two tower halves butt against its centre post, their legs in the other two holes.

NEW PARTS

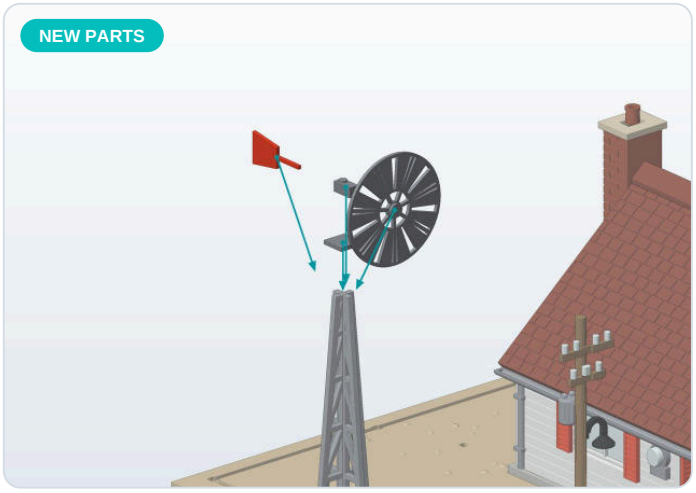


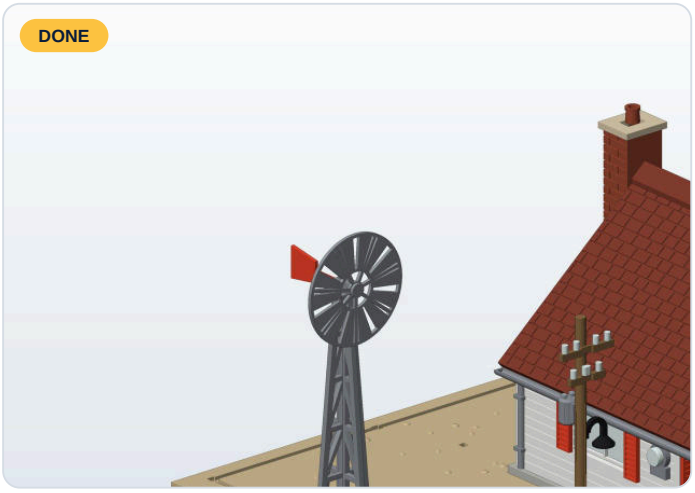
DONE



64 Step 64

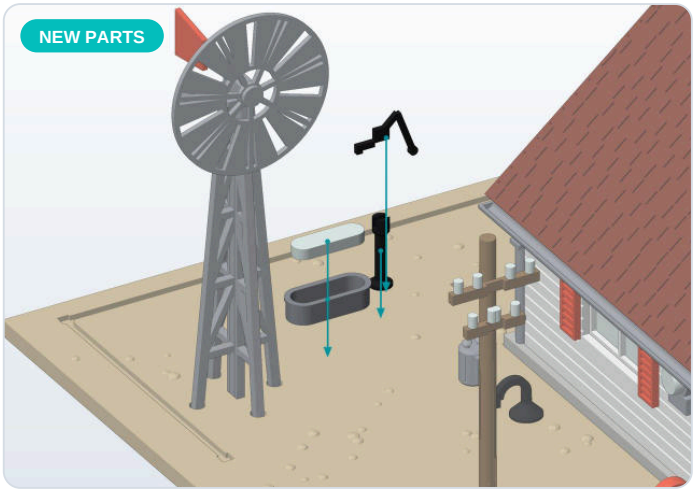
The platform goes onto the tower with the gearbox on it. Glue the wheel to the front of the gearbox and the orange-red tail to the rear.

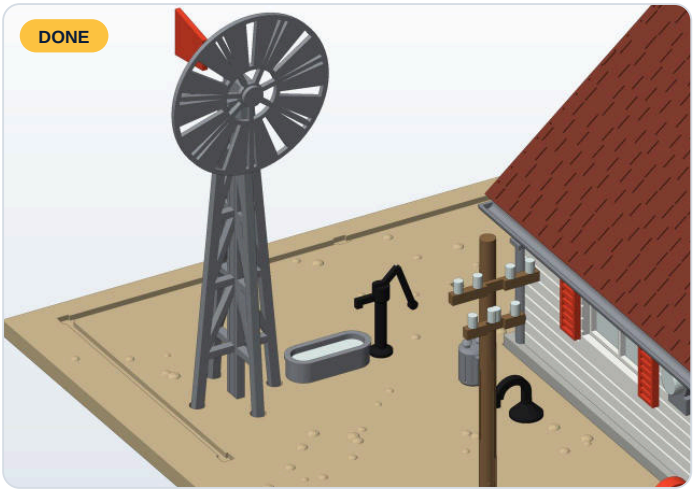




65 Step 65

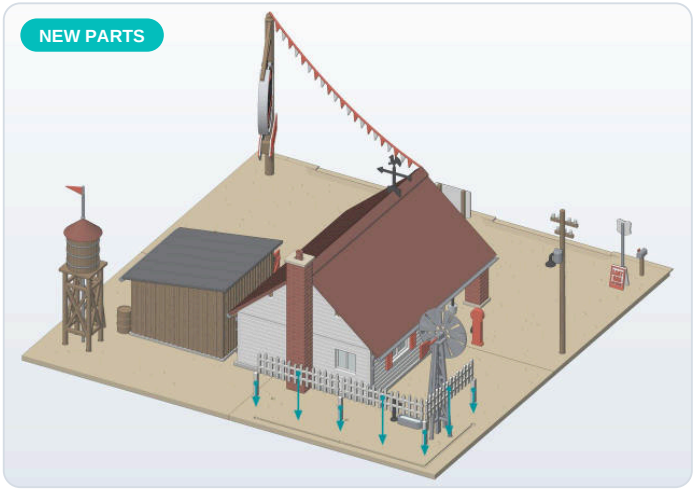
Stand the water trough next to the wind pump and lay the water into it. The pump column goes at the end of the trough, the handle in its slot – the spout points over the trough.





66 Step 66

The picket fence: glue the four posts into the square holes and the three fence panels into the groove between them.



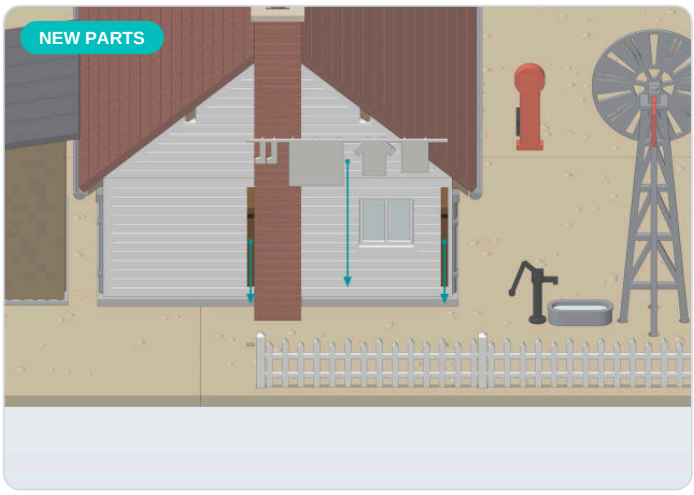


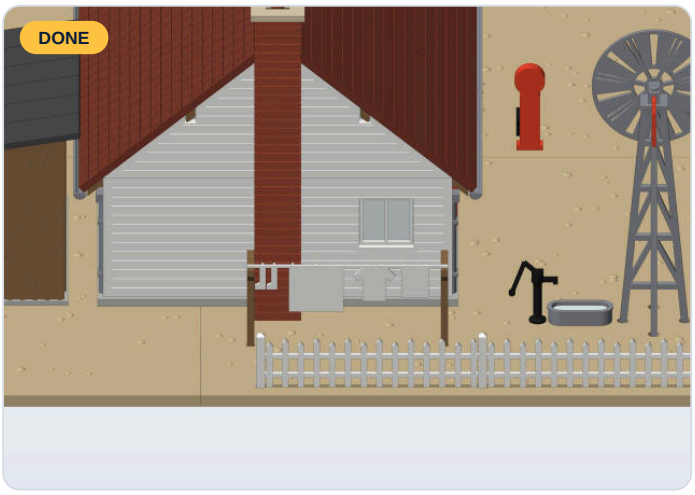
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67

Step 67

Glue the two clothes posts into the holes behind the house and the line with the washing onto the top of both posts.





68

Step 68

Stand the outhouse in the garden, roof on top, the door with the moon on its front. The two bushes go by the fence.

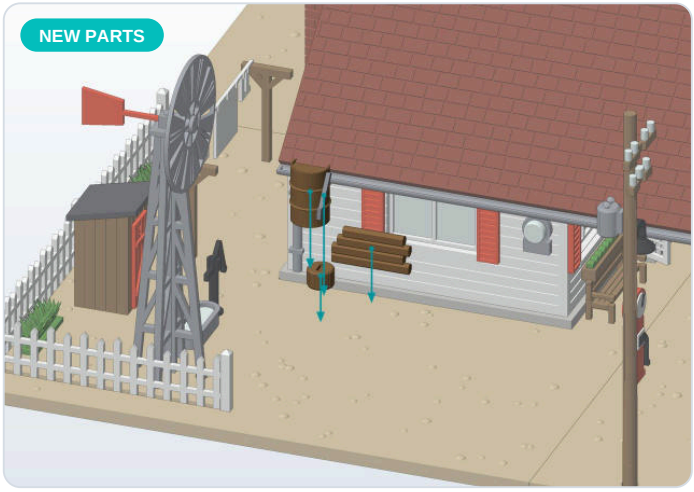




69

Step 69

On the left of the house: the wood pile against the wall, in front of it the chopping block with the axe in its slot. One barrel as a rain butt at the rear corner under the downpipe.





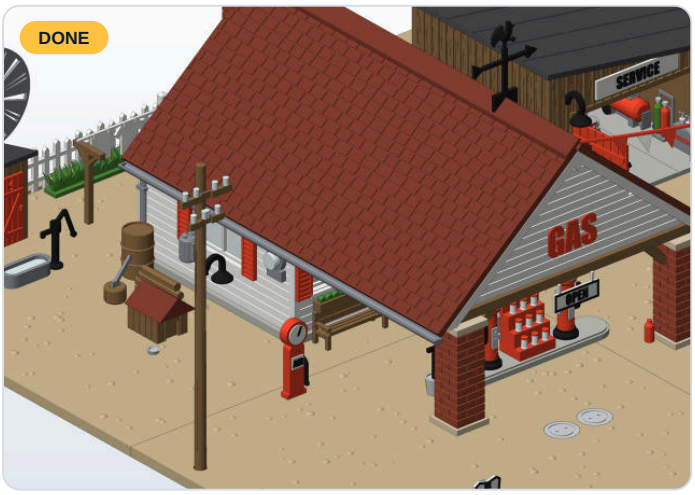
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70

Step 70

The dog kennel goes to the left of the house, glue its roof on and put the bowl in front. The bin goes between house and shed.

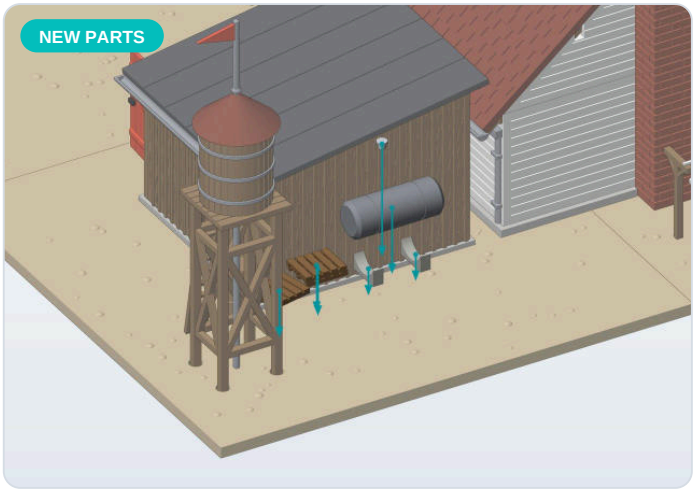


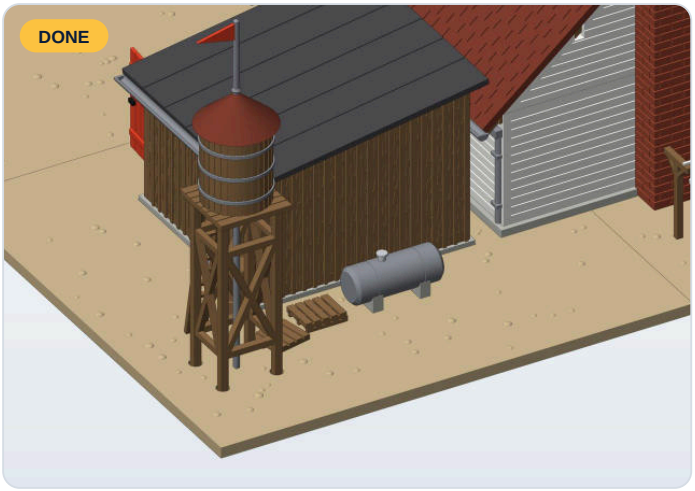


71

Step 71

Behind the shed: lay the waste oil tank onto the two concrete saddles with the filler on top. Next to it the three pallets, two of them stacked.

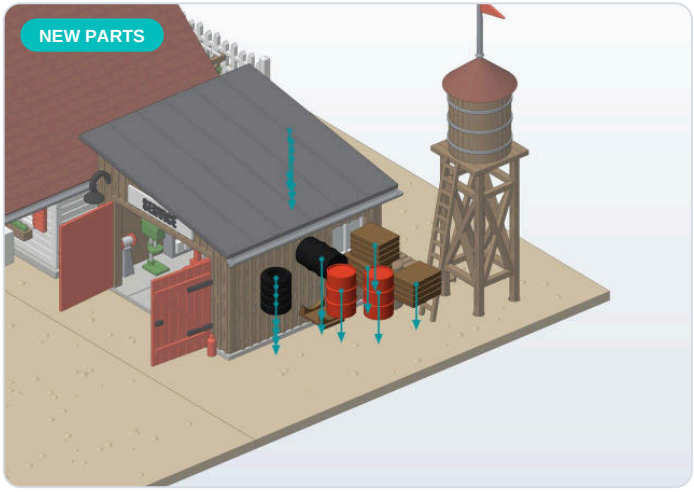




72

Step 72

Glue nine old tyres into three stacks: two behind the shed, one to its right. Also on the right: two oil drums, the cradle with the lying drum and three crates.





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73

Step 73

Finally: the two ramps to the right in front of the shed. The two cacti by the street, with one long and one short arm in the angled holes of each. Done – enjoy your gas station!

NEW PARTS



DONE

