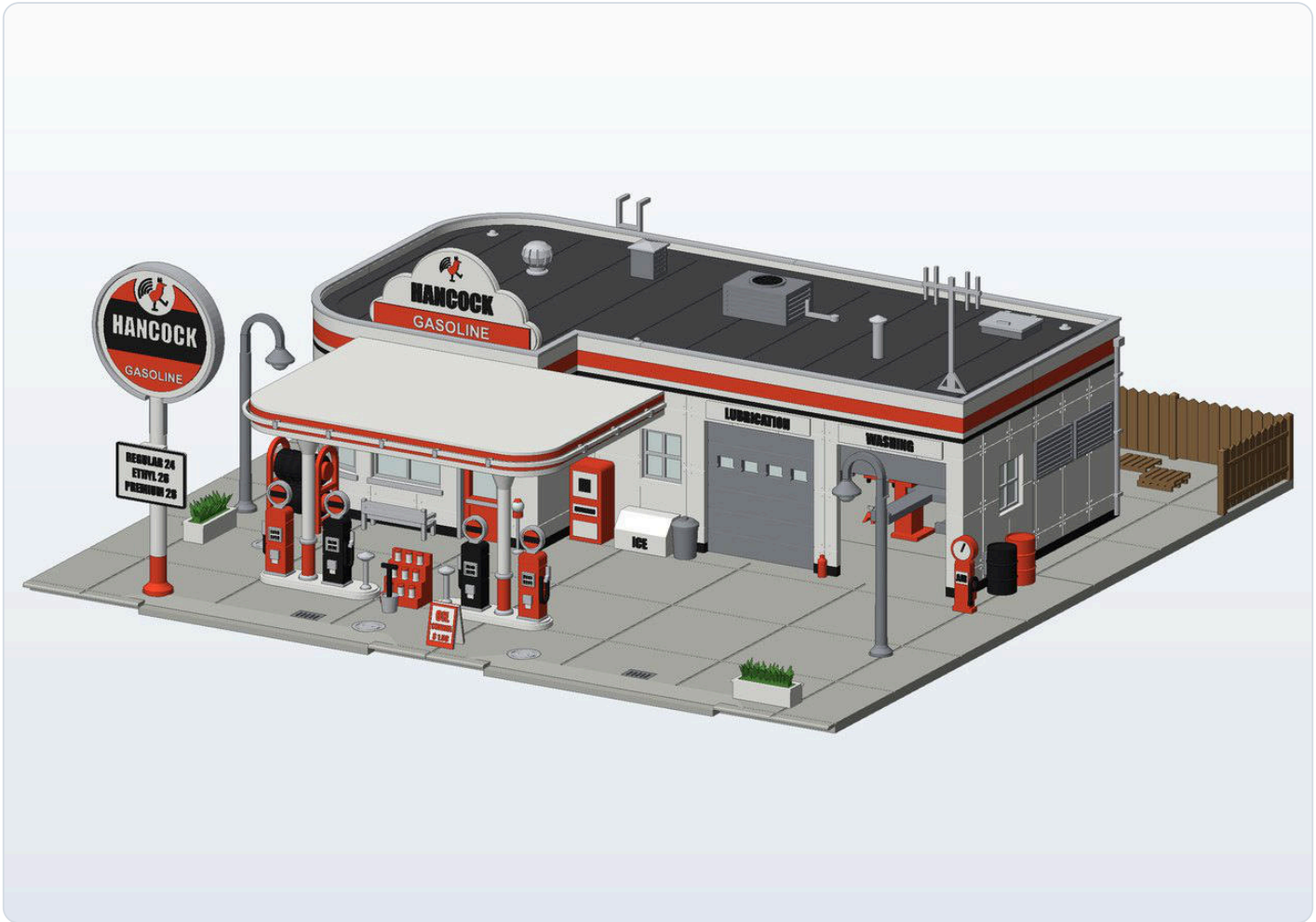
KreativVolt

ASSEMBLY INSTRUCTIONS

HANCOCK GAS STATION

Scale 1:64 · 3D Print Kit

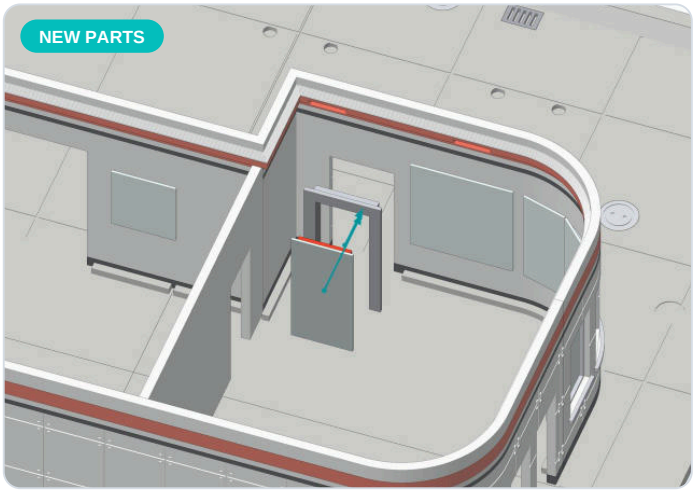


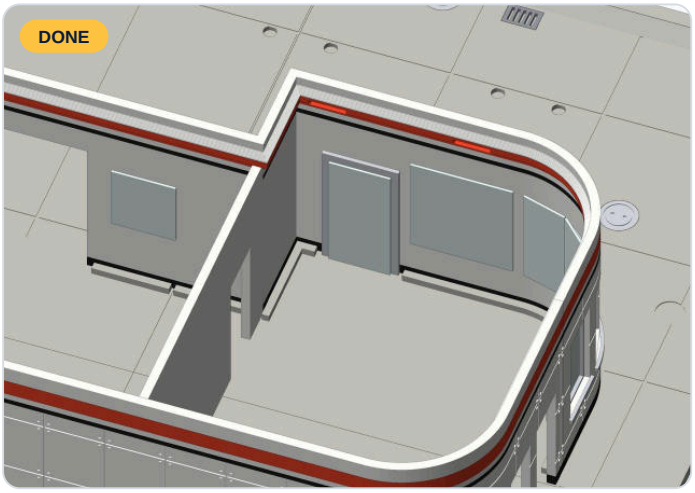
73	217	393	1:64	CA
Assembly steps	Different parts	Pieces	Scale	CA glue

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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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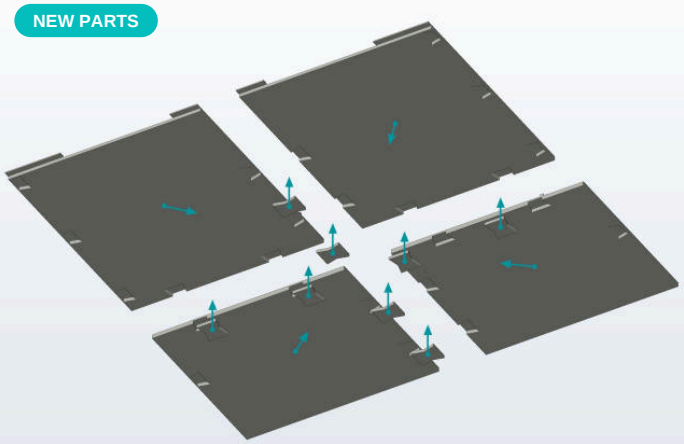
ASSEMBLY INSTRUCTIONS

Hancock Gas Station · Scale 1:64 · 3D Print Kit

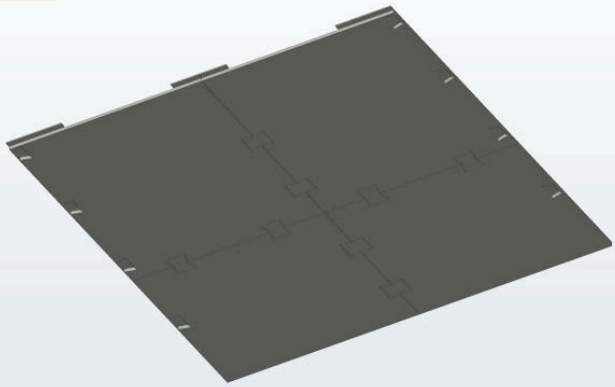
1 Step 1

The picture shows the underside. Push the four lot sections together and press the eight 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



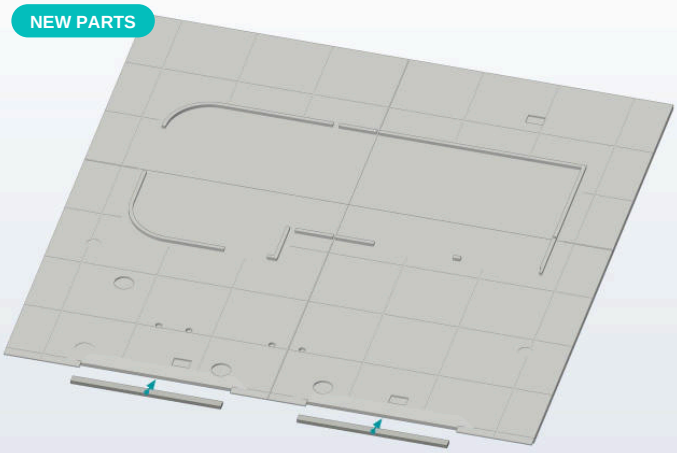
DONE



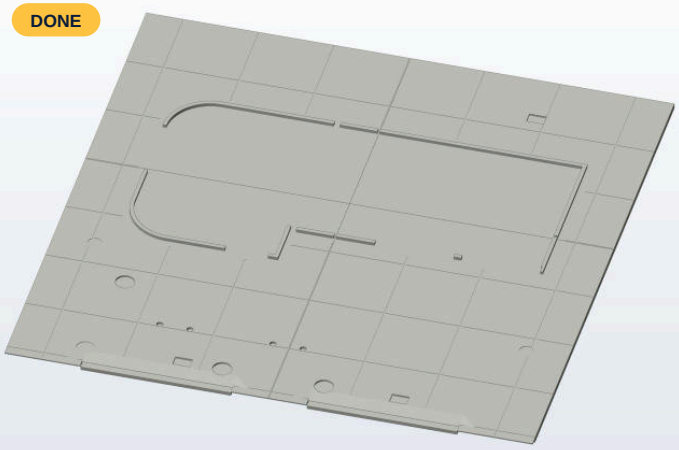
2 Step 2

Turn the lot over. Lay the two filler strips into the driveways at the curb. Leave them loose and remove them once a street section is placed in front.

NEW PARTS



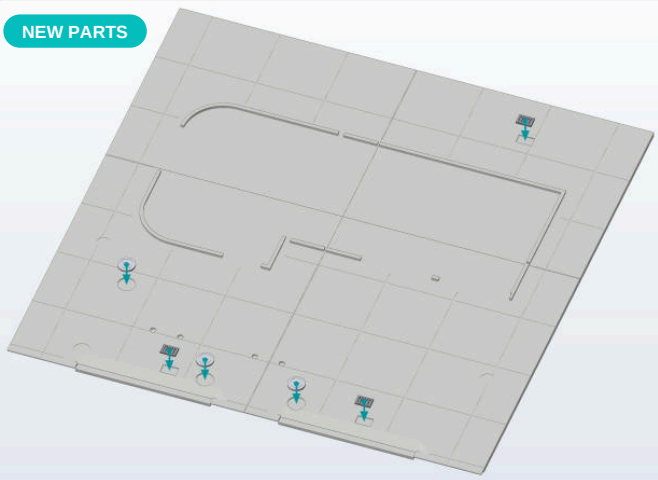
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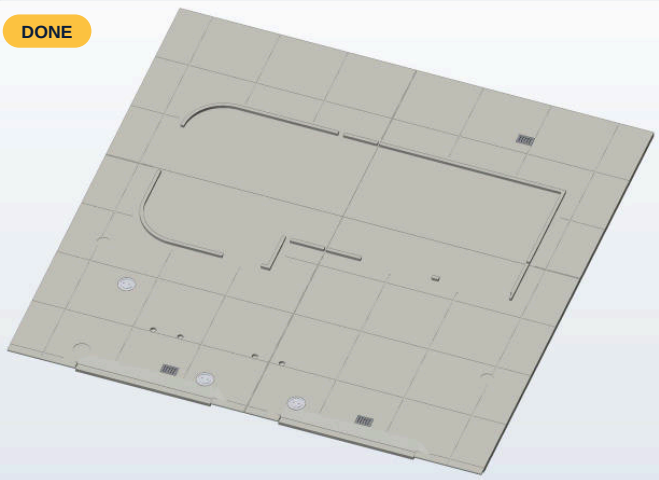
3 Step 3

Lay the three drain grates into the rectangular pockets and the three tank covers into the round pockets.

NEW PARTS



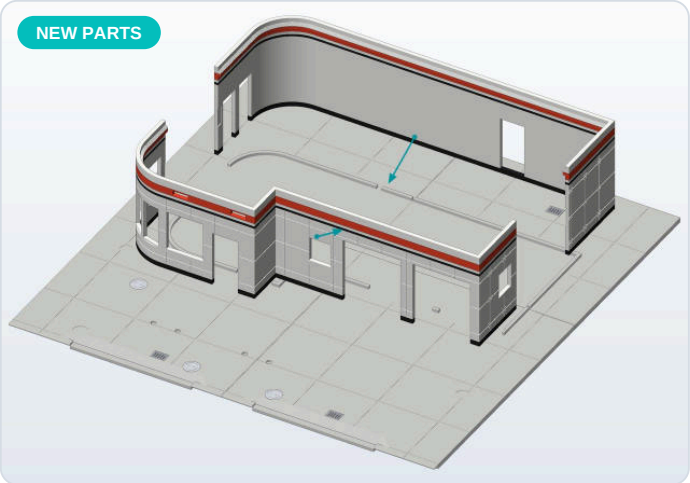
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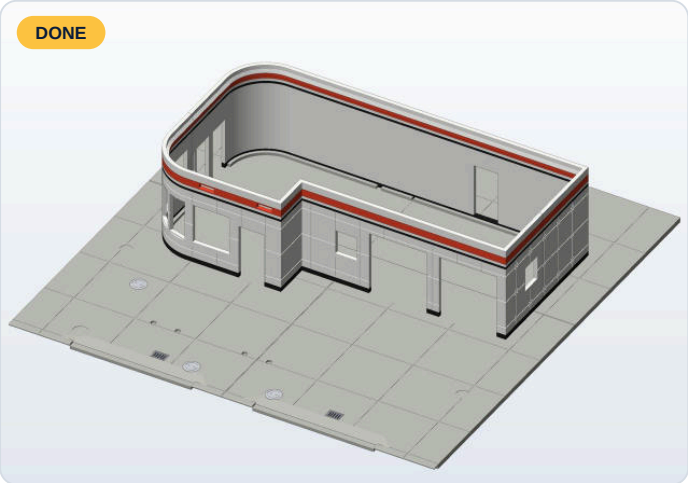


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4 Step 4

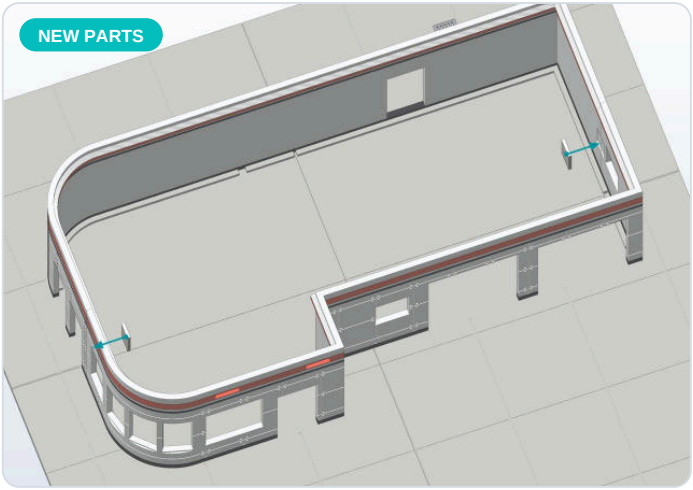
Place the two wall sections over the guide rim of the lot and glue them at both joints (left and right). The front section carries the rounded office corner.

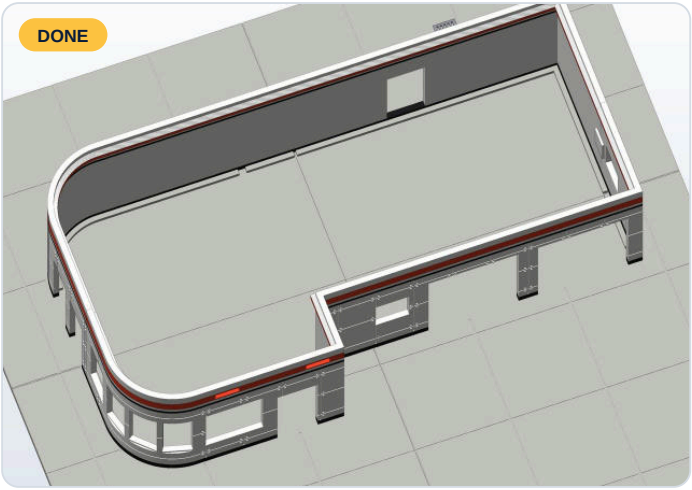




5 Step 5

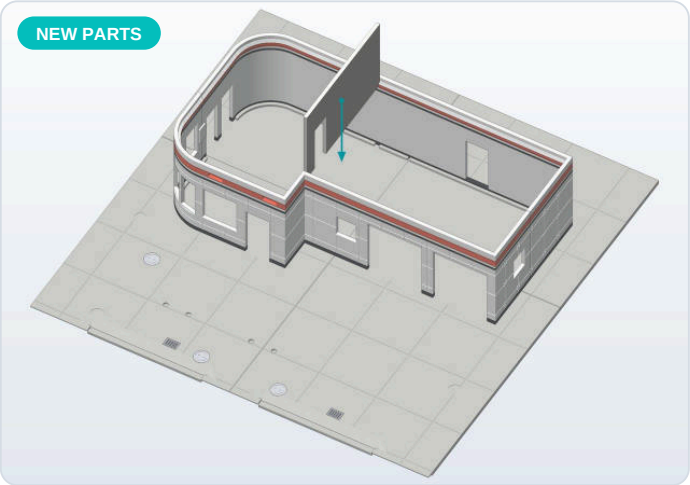
On the inside glue a joining plate into the groove across each of the two joints: the narrow one on the left in the office, the wide one on the right in the workshop.

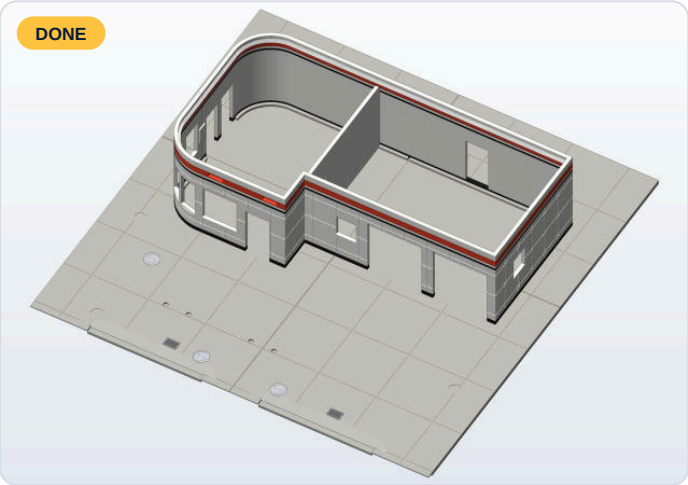




6 Step 6

Insert the partition between office and workshop from above, with the doorway towards the front.

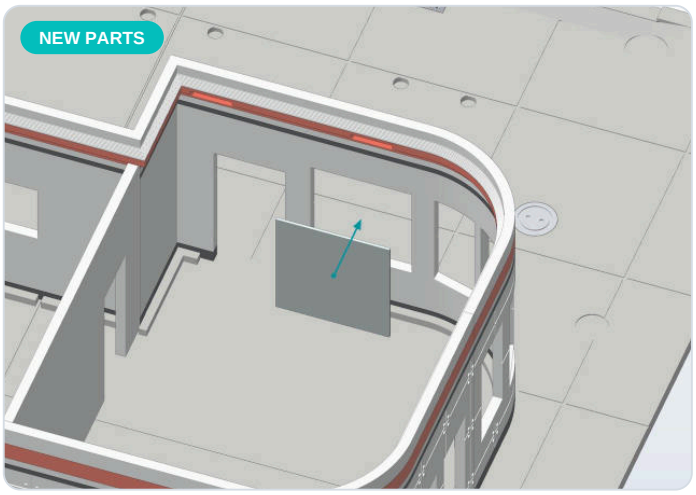


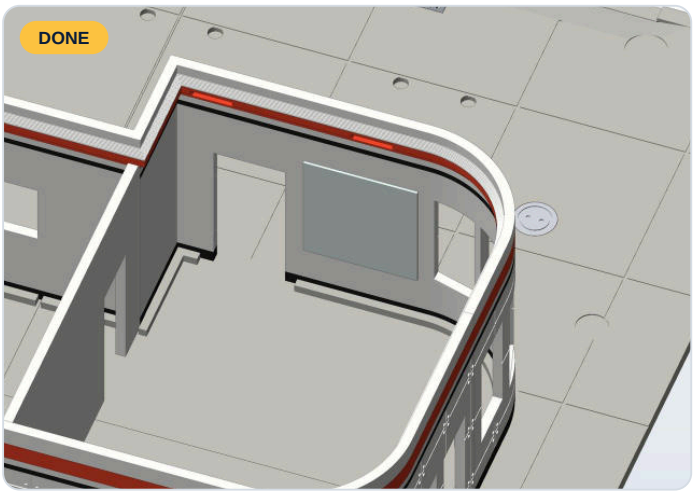


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Step 7

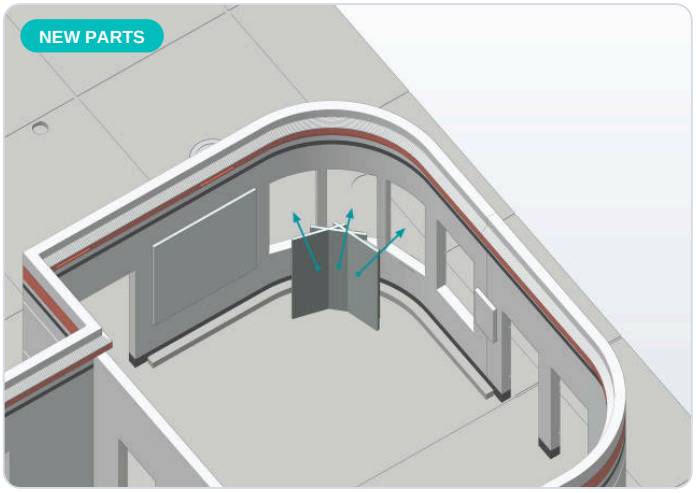
Seen from inside: slide the large office window into the front wall from the inside (pane with printed chrome frame, one part). Apply glue only to the projecting rim of the pane.

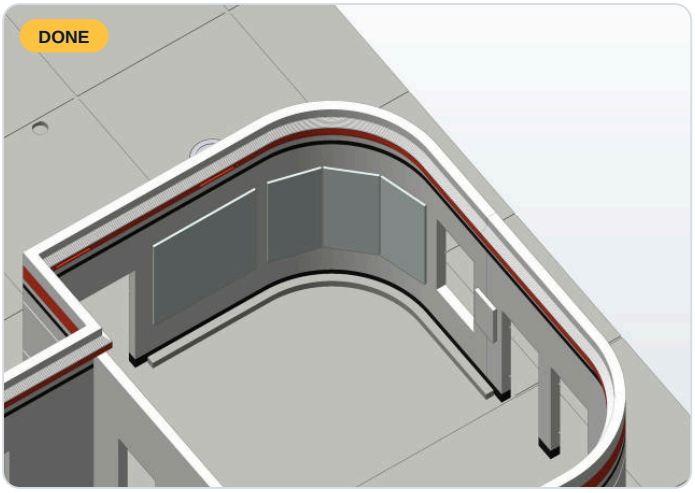




Step 8

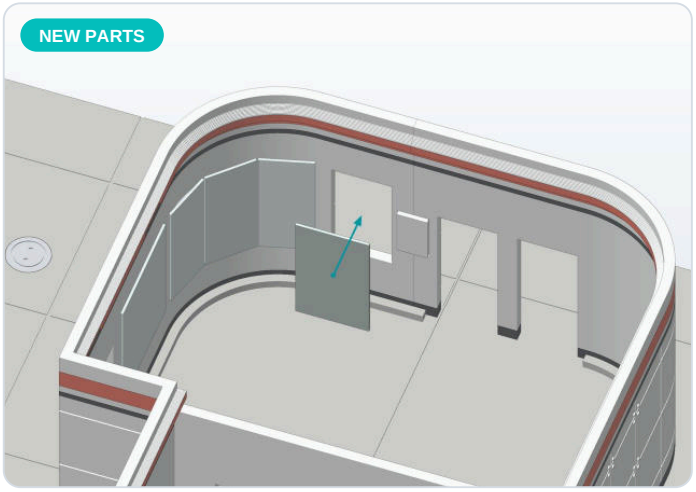
Slide the three panorama windows into the openings of the rounded office corner from the inside and glue them along the top and bottom rim of the pane.





Step 9

Slide the narrow side window into the left wall from the inside.



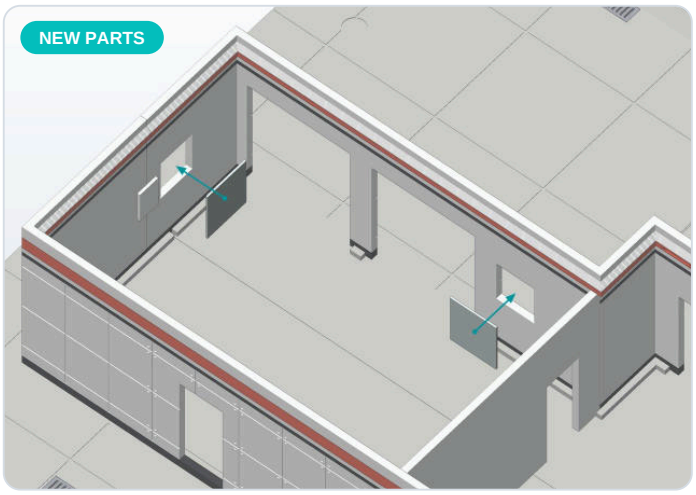


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10

Step 10

Seen from the rear: fit the two small windows from the inside – one into the recess next to the office, one into the right wall of the workshop.

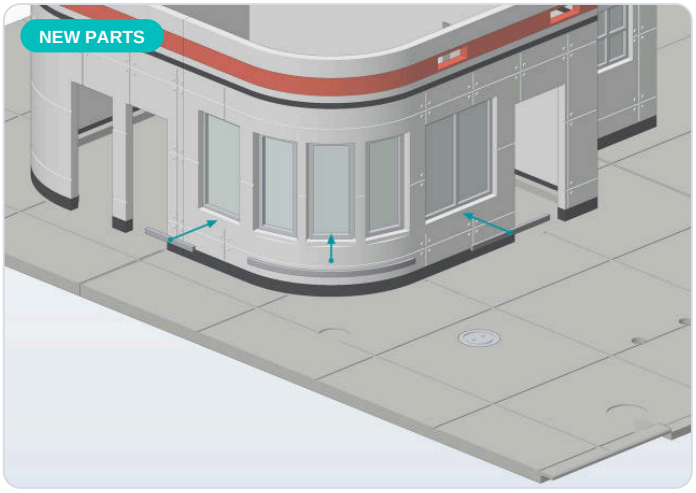


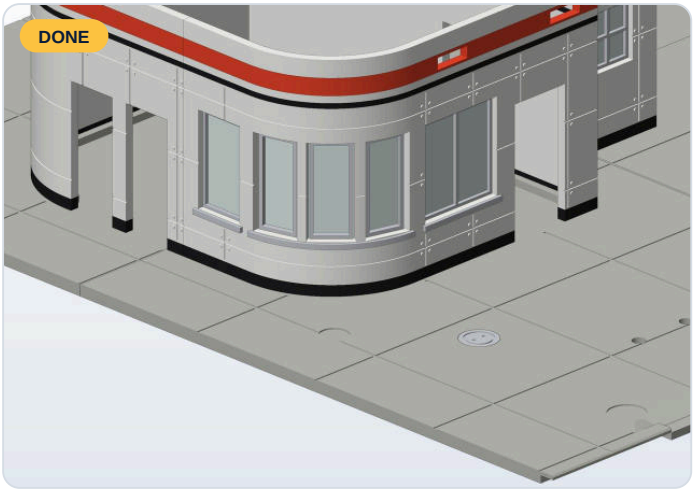


11

Step 11

Glue the three chrome sills on the outside: the curved one under the panorama windows, the long one under the office window, the short one under the side window.

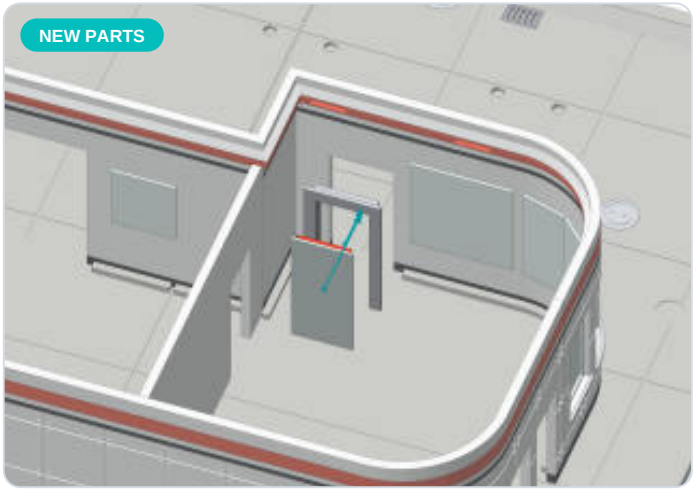


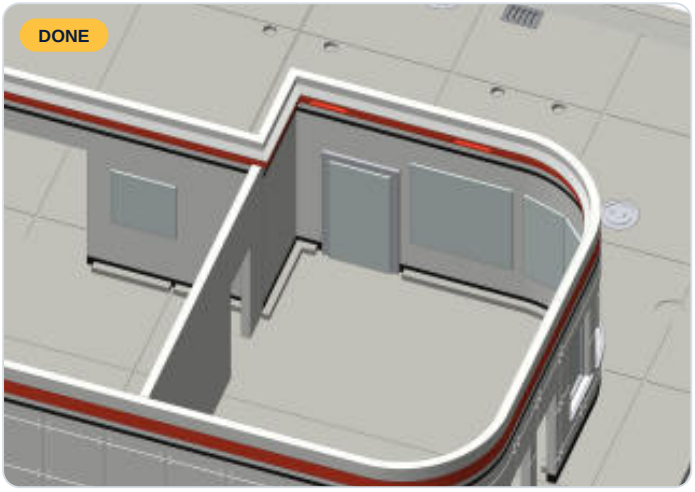


12

Step 12

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



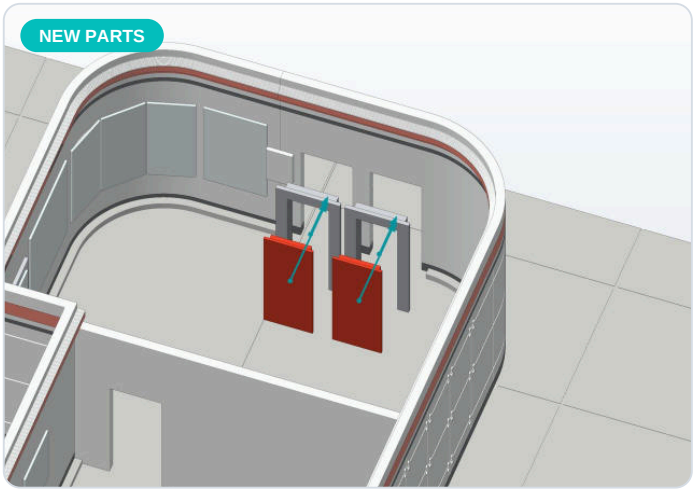


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13

Step 13

The two restroom doors in the left wall, from the inside: for each door the chrome frame into the opening first, then the door leaf behind it.

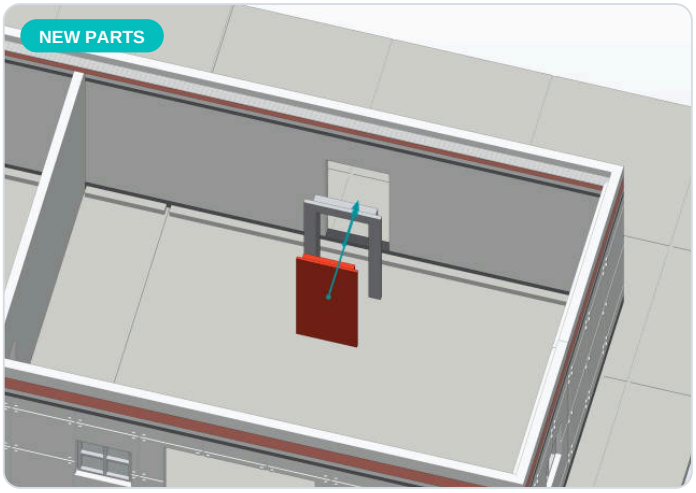


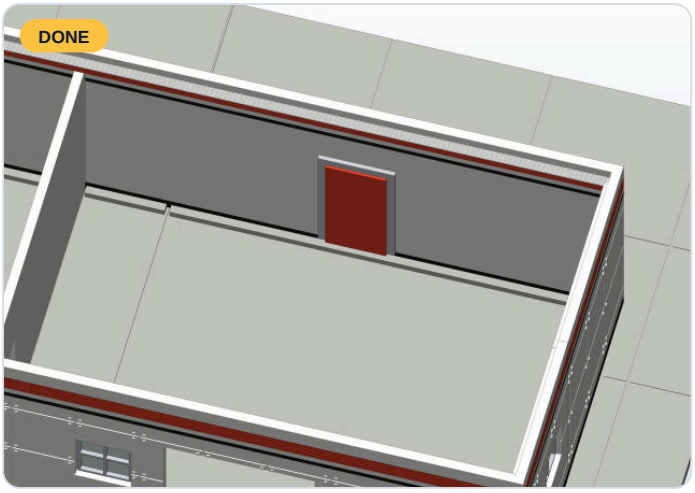


14

Step 14

Yard door in the rear wall of the workshop, from the inside: chrome frame into the opening, door leaf behind it.

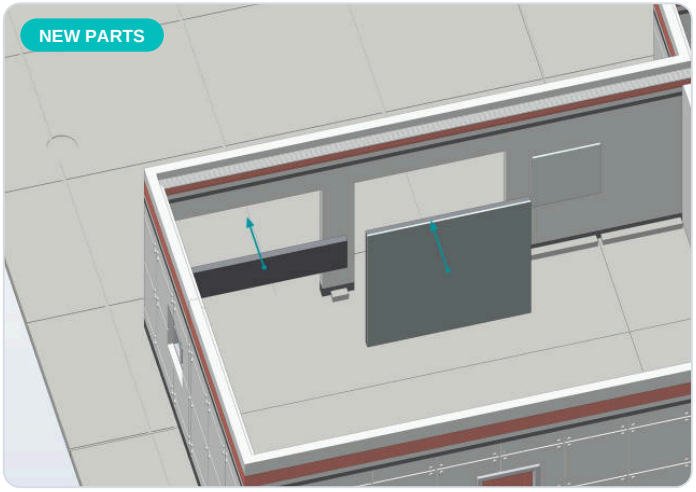


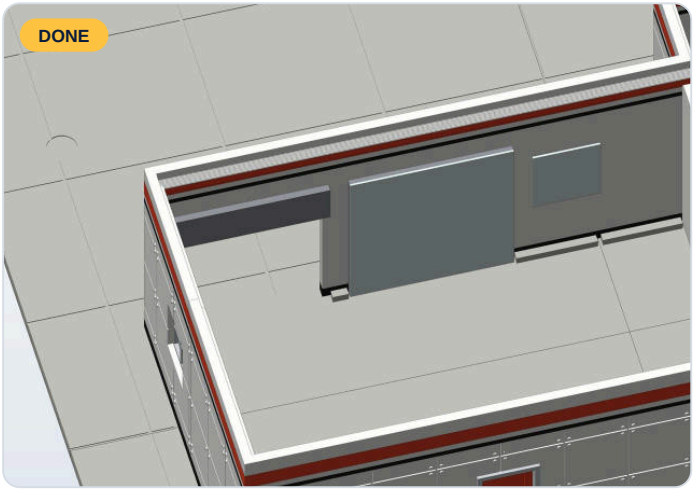


15

Step 15

Seen from inside: glue the closed workshop door and the strip of the raised door behind the door openings from the inside. You decide which bay is open – both doors are the same size.





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16

Step 16

On the outside glue the LUBRICATION and WASHING signs above the two doors and the clock above the office door.

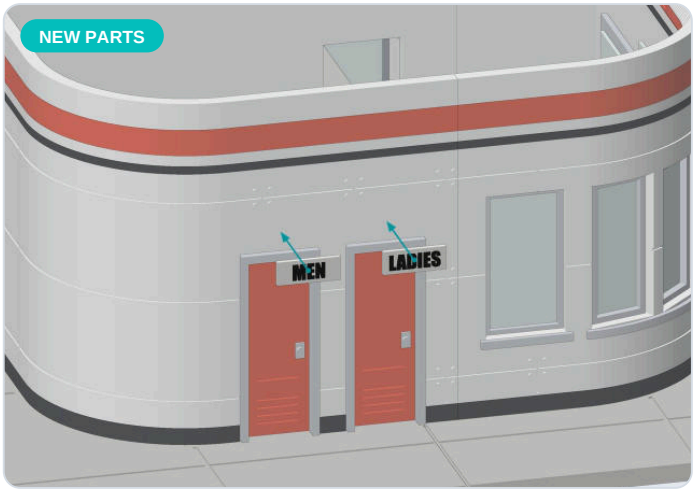




17

Step 17

Left side: glue the MEN and LADIES signs above the two restroom doors.

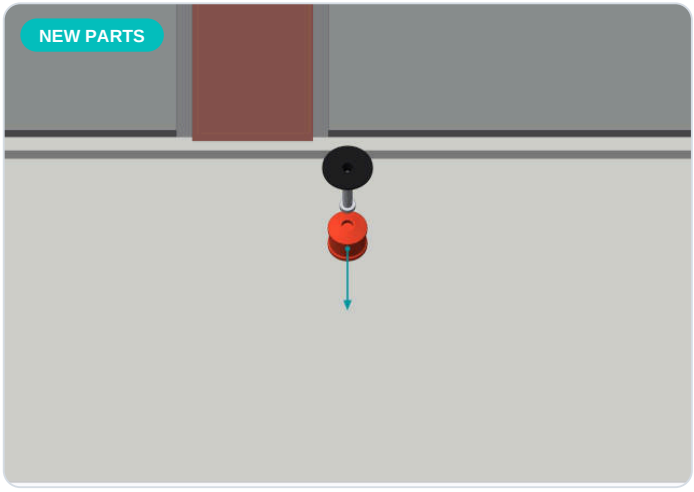


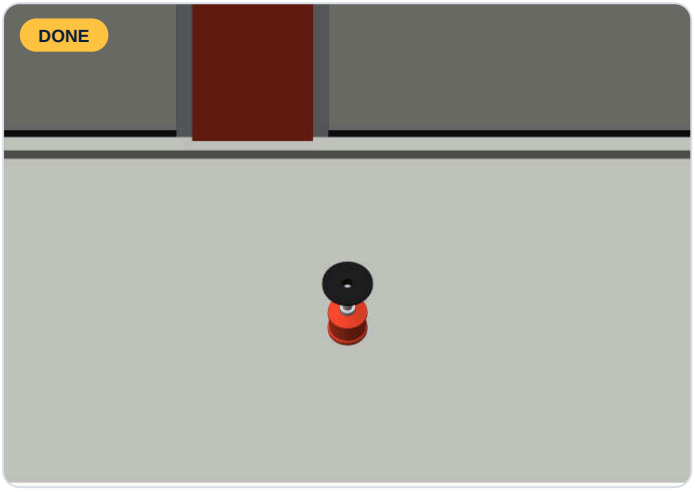


18

Step 18

Oil drain: push the riser into the orange tank and put the black funnel on top. Place it in the right bay – it will stand under the lift.



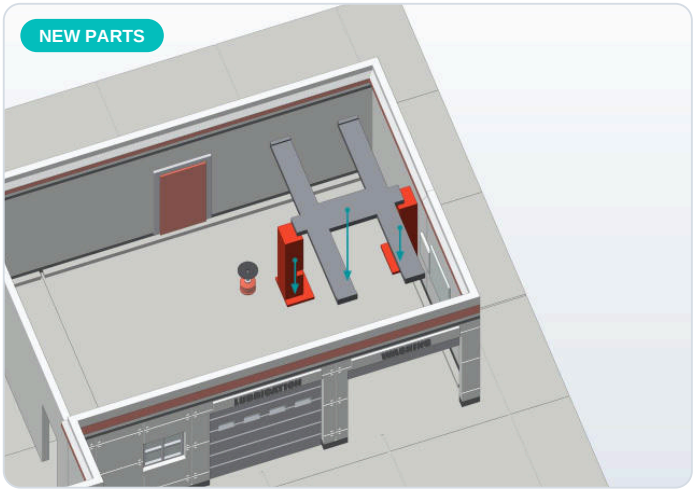


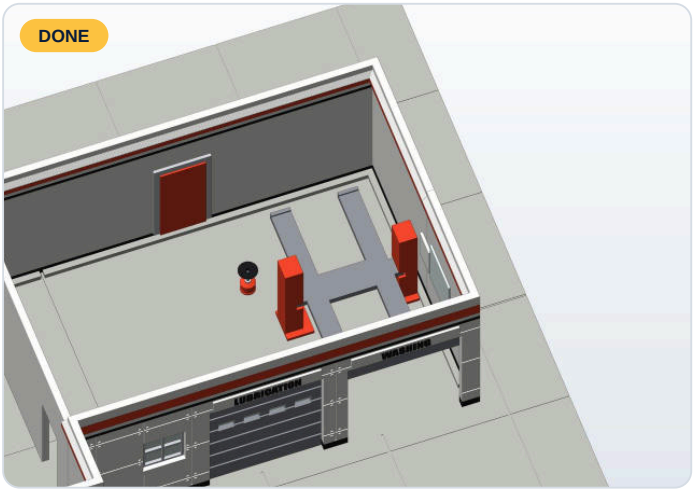
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19

Step 19

Lift: stand the two orange posts (groove facing the middle of the bay) and glue the runways with their two tongues into the grooves.

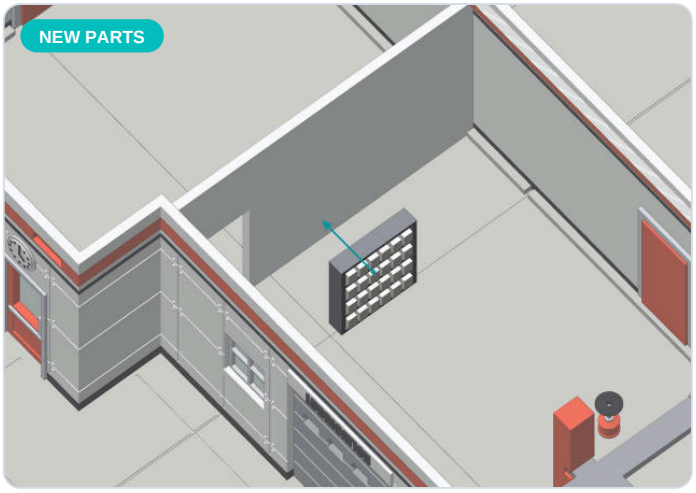


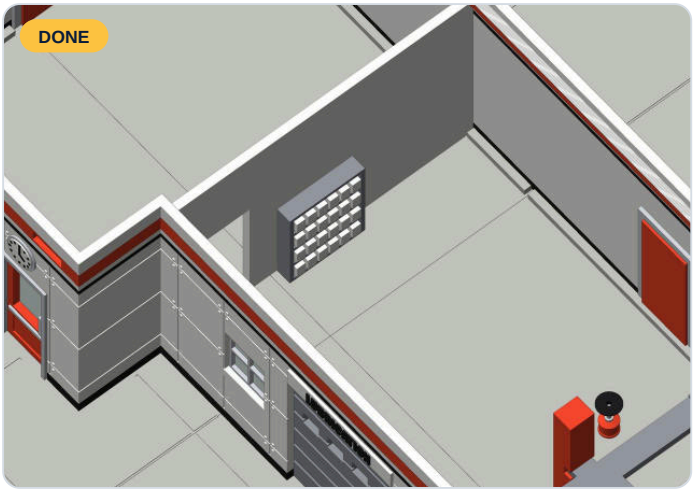


20

Step 20

Glue the shelf with oil cans to the partition in the workshop.

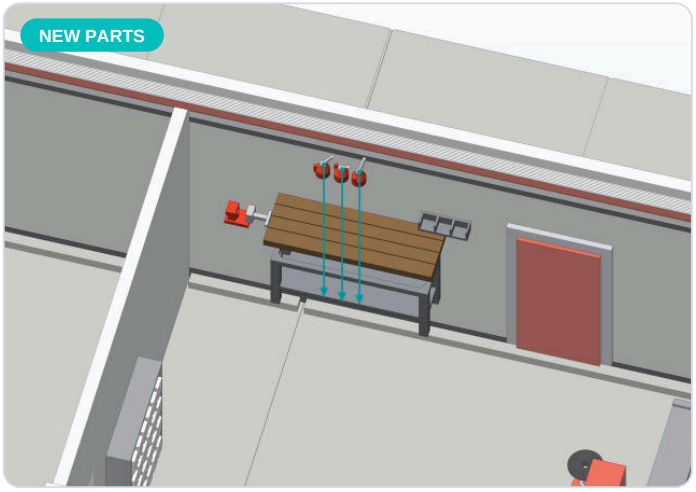




21

Step 21

Workbench on the rear wall: wooden top onto the grey frame, pegboard with tools above it on the wall, vice (body and spindle) and parts bins on the top, plus three oil cans.



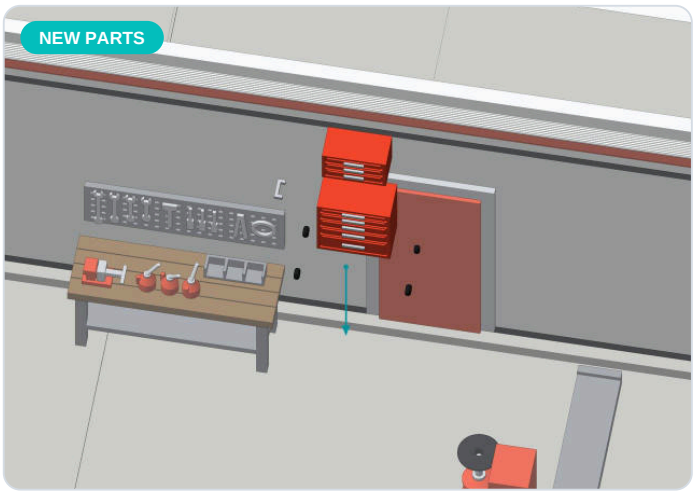


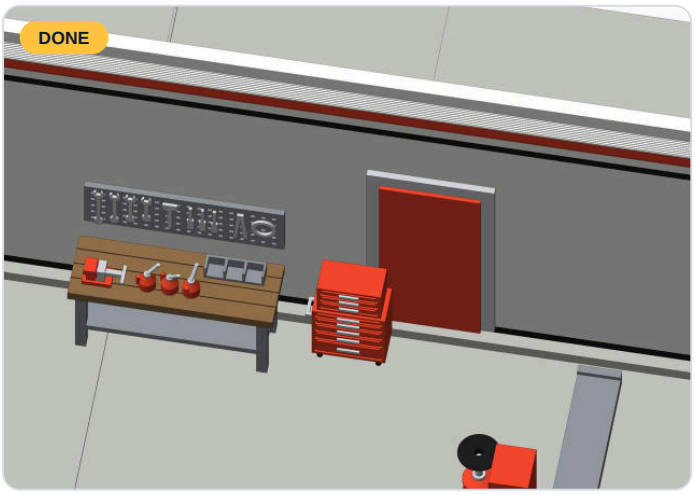
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22

Step 22

Tool cabinet: glue the top chest onto the base cabinet, four black casters underneath, the chrome handle on the side. Place it to the right of the workbench.

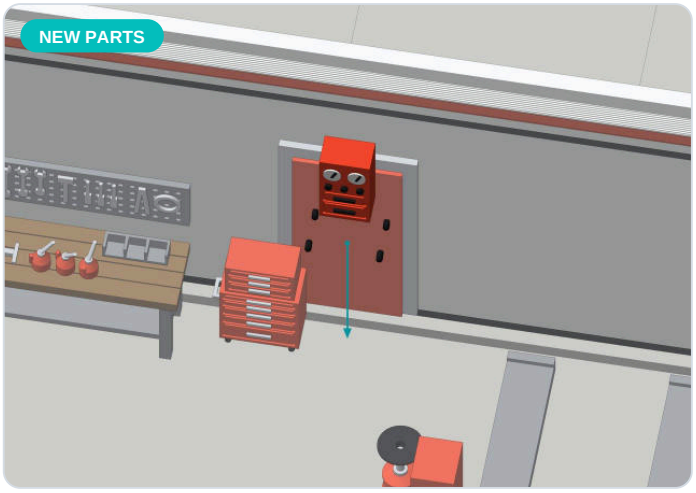


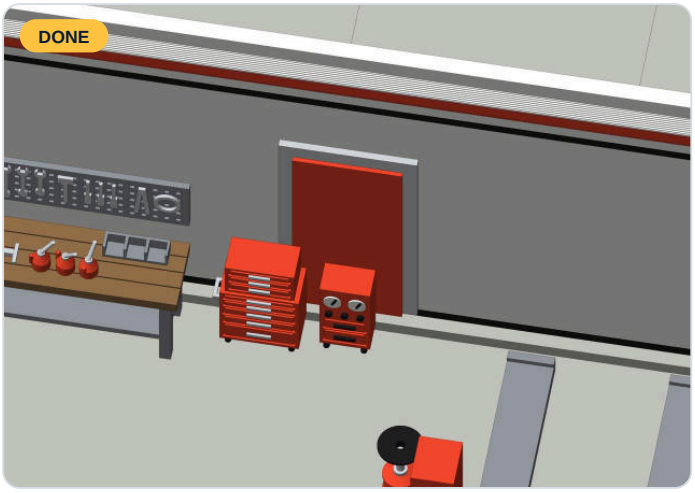


23

Step 23

Engine tester: glue four casters under the body and place it next to the tool cabinet on the rear wall.

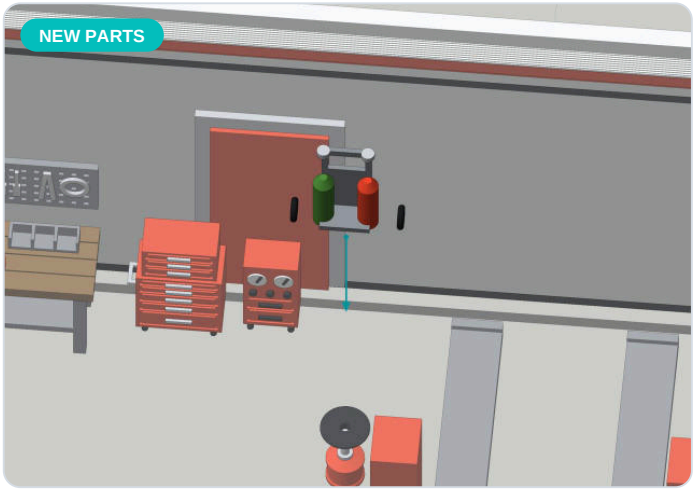


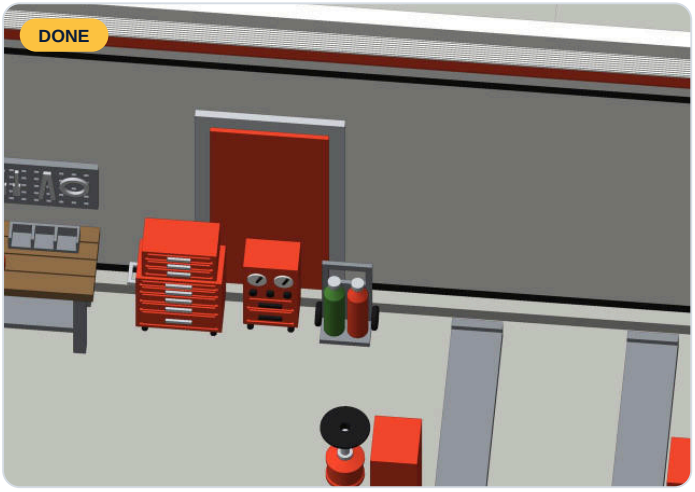


24

Step 24

Welding cart: stand the green and the orange cylinder on the cart, a chrome valve cap on each, two wheels on the axle.



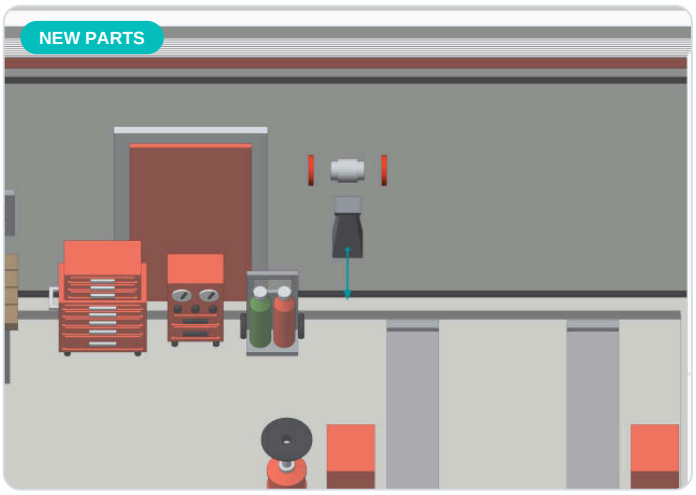


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25

Step 25

Bench grinder: chrome motor onto the grey pedestal, an orange grinding wheel on the left and right. Place it next to the welding cart.

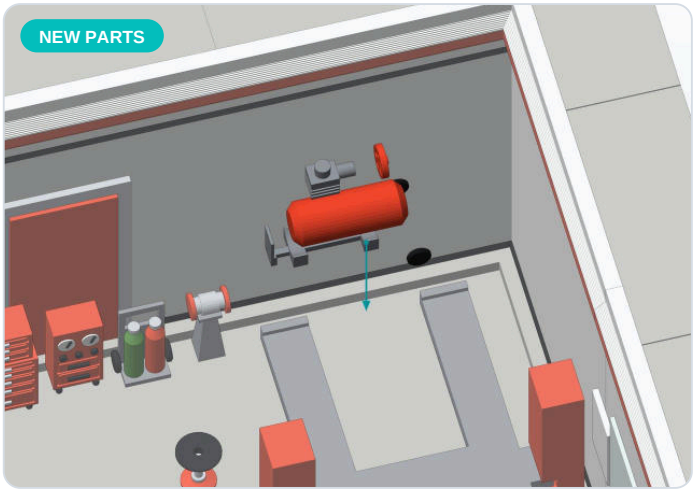


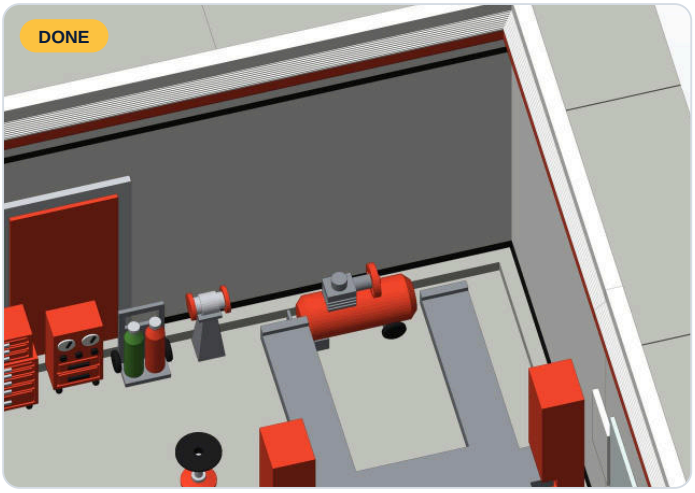


26

Step 26

Compressor: tank onto the chassis, motor and flywheel on top, two wheels on the axle. Place it at the rear right against the rear wall.

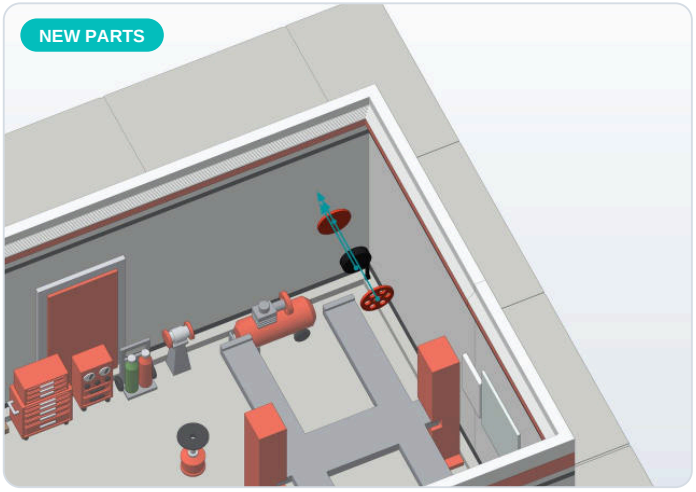


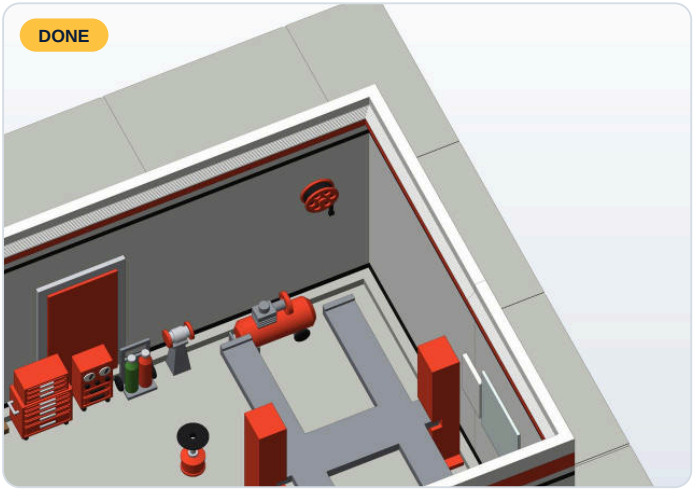


27

Step 27

Hose reel on the rear wall above the compressor: first the orange wall disc, then the black hose coil (the hose end hangs down), finally the cover disc.



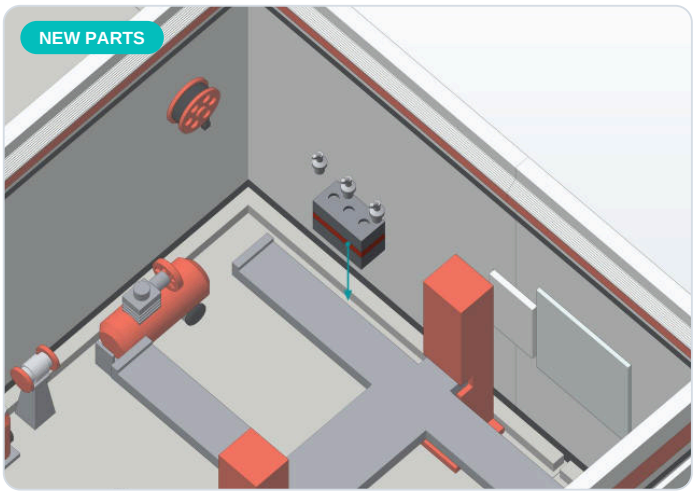


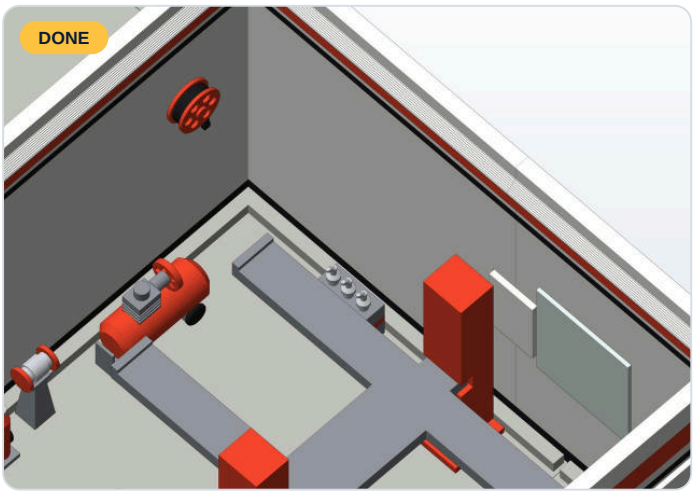
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28

Step 28

Oil bar: push the three chrome hand pumps into the holes of the cabinet and place it against the right wall.

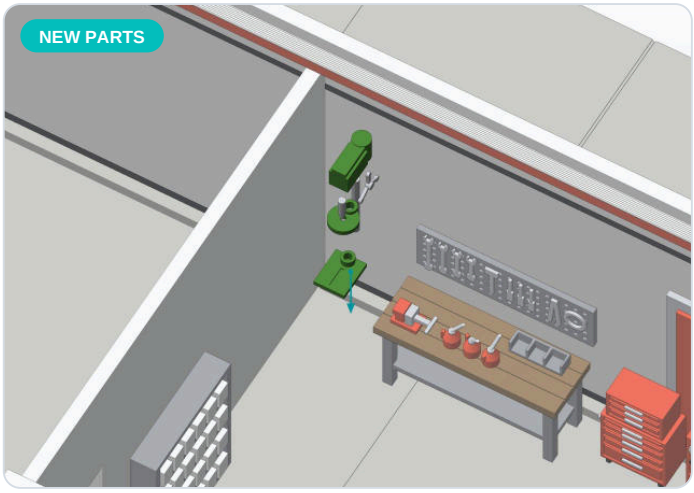


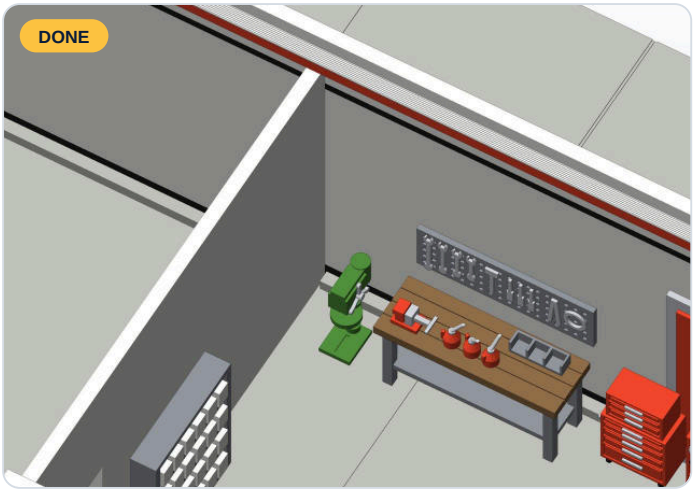


29

Step 29

Drill press: column into the base, slide table and head onto the column, spindle under the head, feed lever on the side. Place it to the left of the workbench.

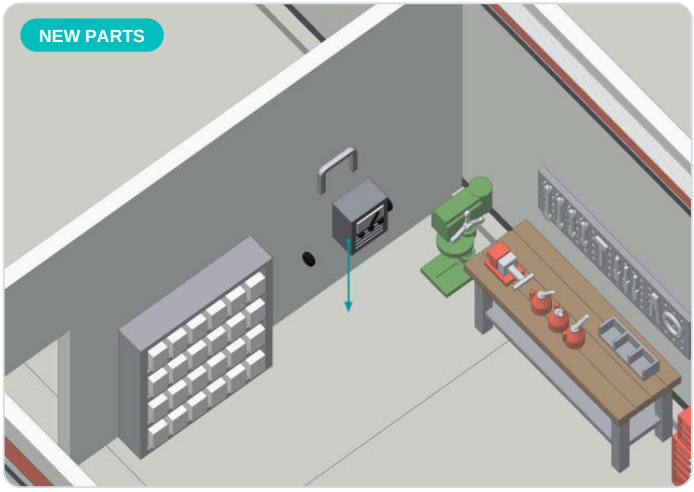


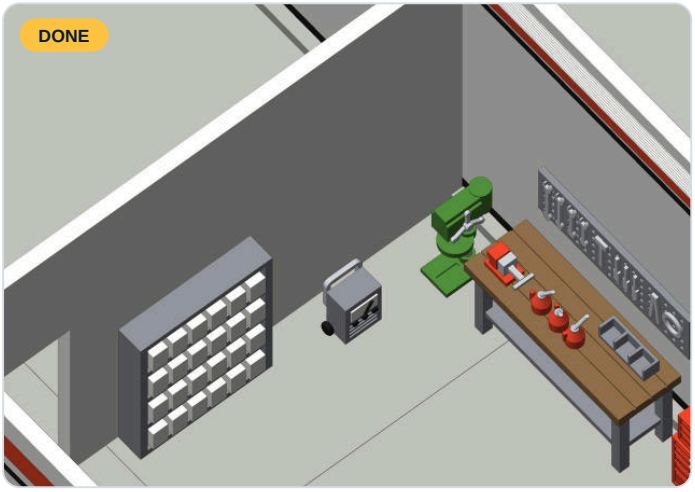


30

Step 30

Assemble the battery charger with carrying handle and two wheels and place it against the partition.



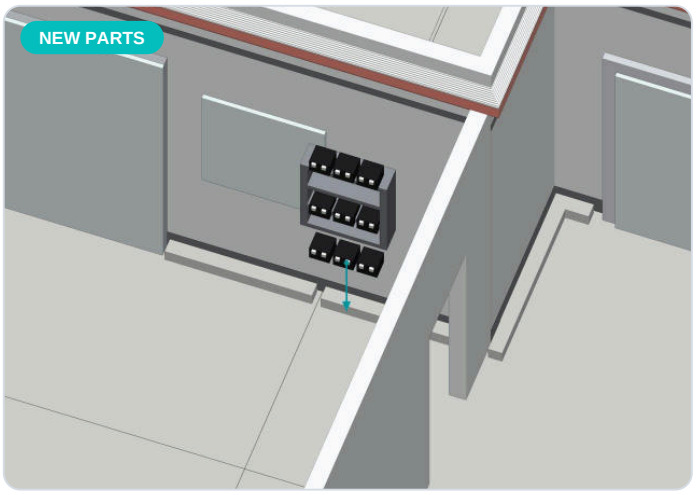


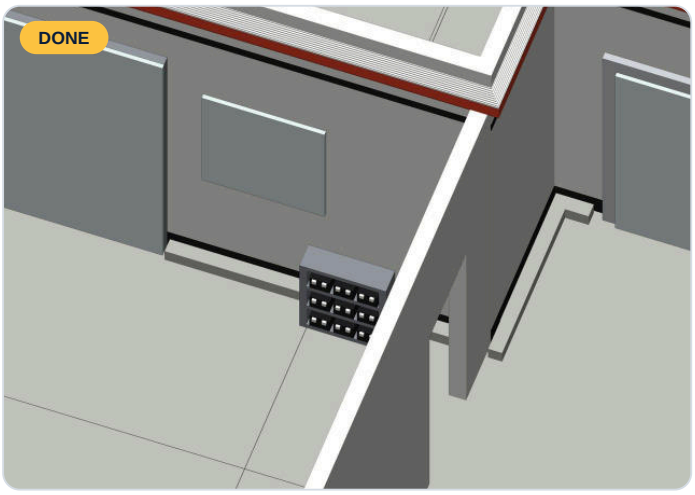
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31

Step 31

Seen from the rear: glue the three rows of batteries into the compartments of the grey frame and place the rack on the inside of the front wall of the workshop.

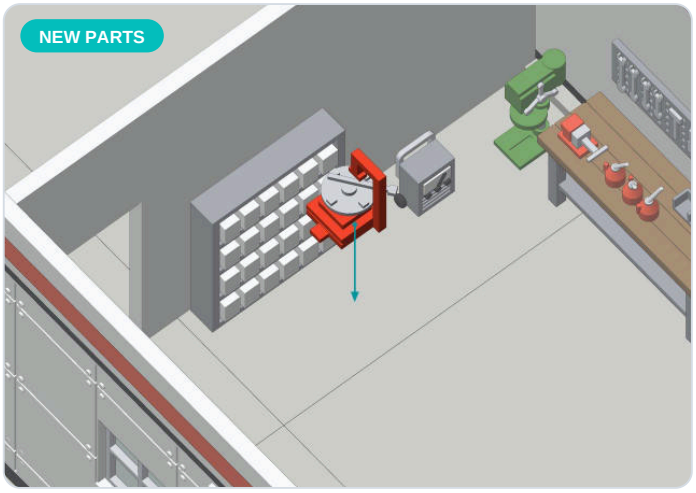


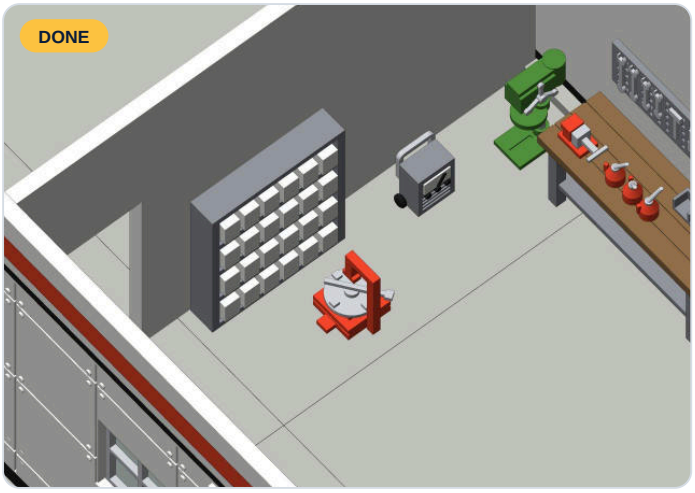


32

Step 32

Tyre changer: clamping plate onto the base, mounting arm on the side, tyre iron with it. Place it on the left of the workshop.

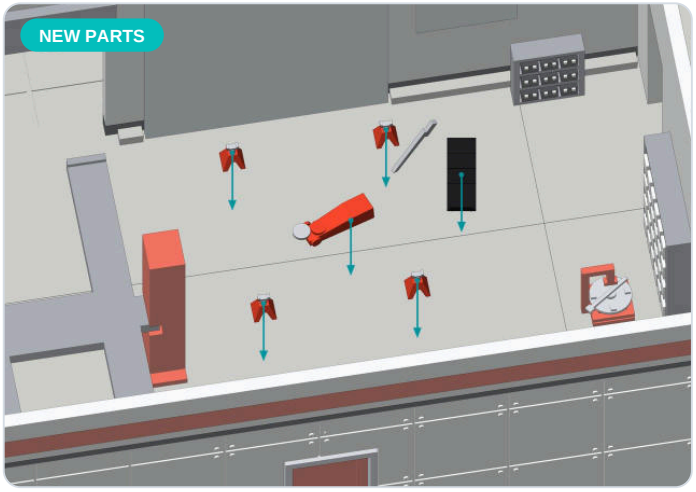


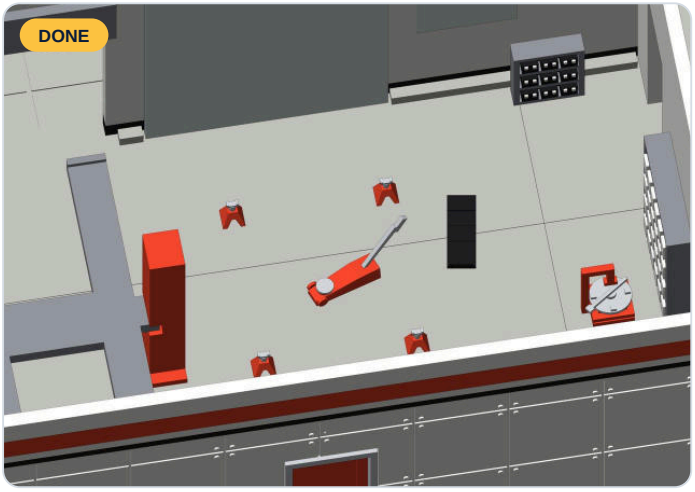


33

Step 33

Seen from the rear: assemble the floor jack from body, handle and saddle. Place four jack stands and the creeper in the left bay.



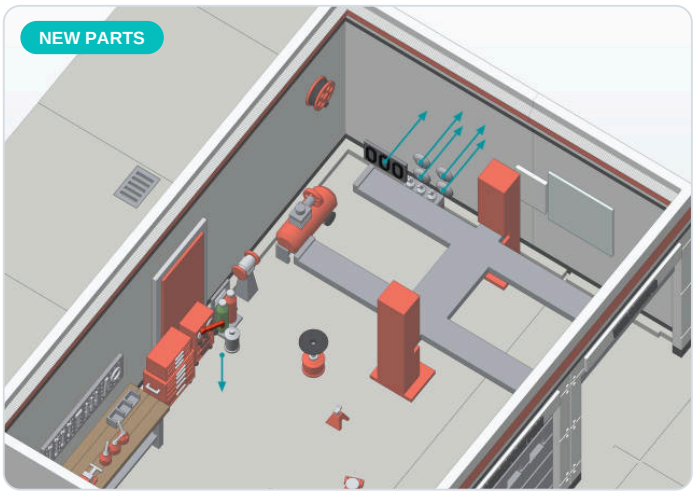


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34

Step 34

Grease pump: glue the lever onto the container and place it in front of the tool cabinet. Glue the four hub caps and the belt board to the inside of the right wall.

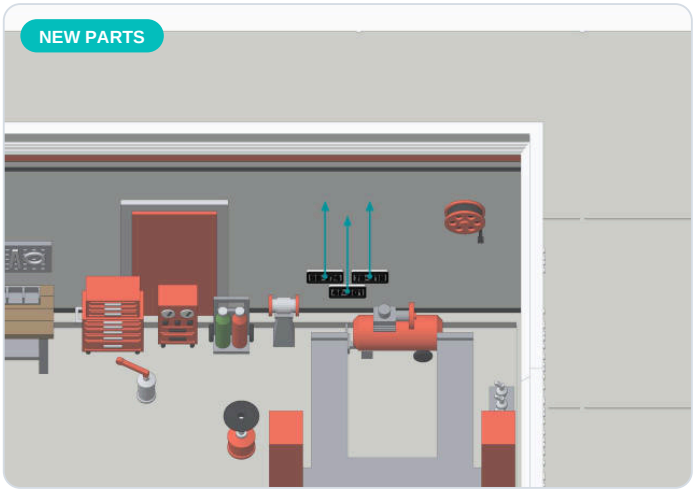




35

Step 35

Glue the three licence plates to the inside of the rear wall, on the right above the bench grinder.

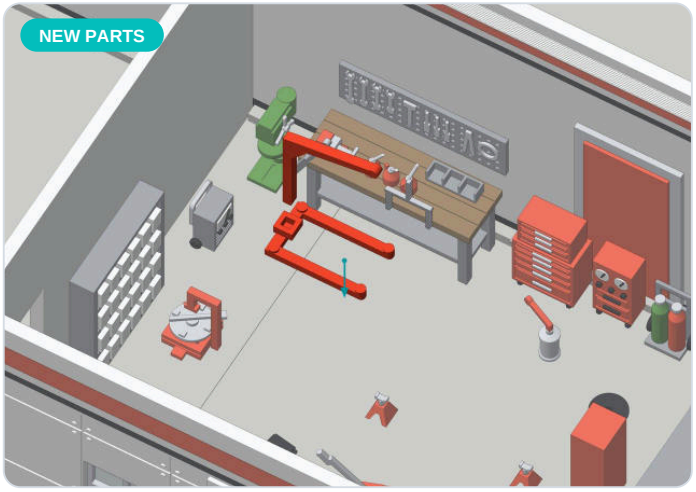


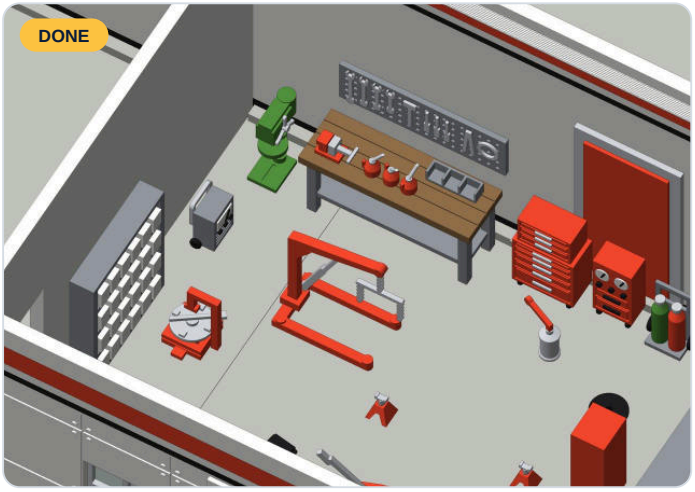


36

Step 36

Engine hoist: glue the mast with boom into the socket of the chassis and the hydraulic ram at an angle between them. Hang the chain with spreader bar into the eye of the boom. Place it in the left bay.



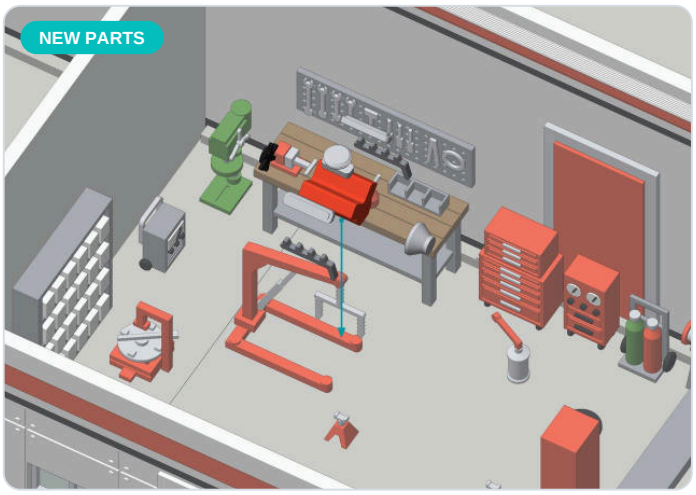


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37

Step 37

V8 engine: glue the two valve covers, the intake with air cleaner, the fan, the bell housing and the two exhaust manifolds to the block. Glue the engine under the spreader bar of the hoist.

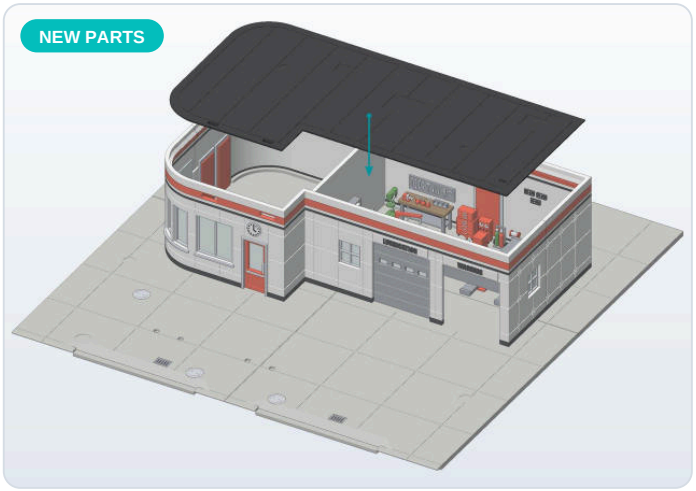




38

Step 38

Lay the roof plate onto the ledge of the walls from above. Do not glue it if the workshop should stay accessible.

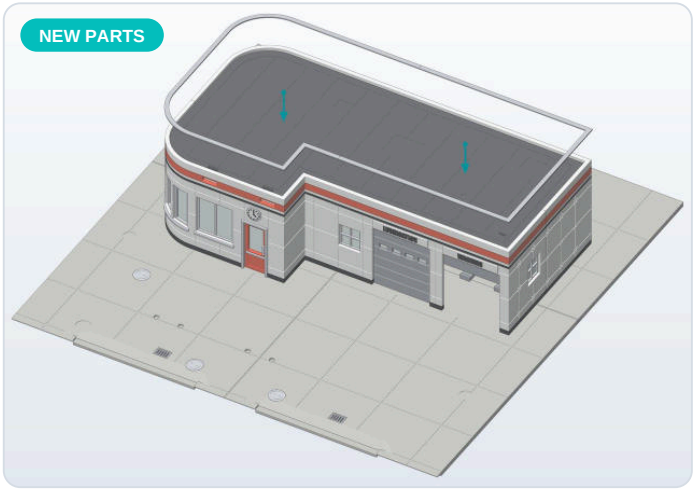




39

Step 39

Glue the two halves of the chrome coping onto the top of the wall, all around.



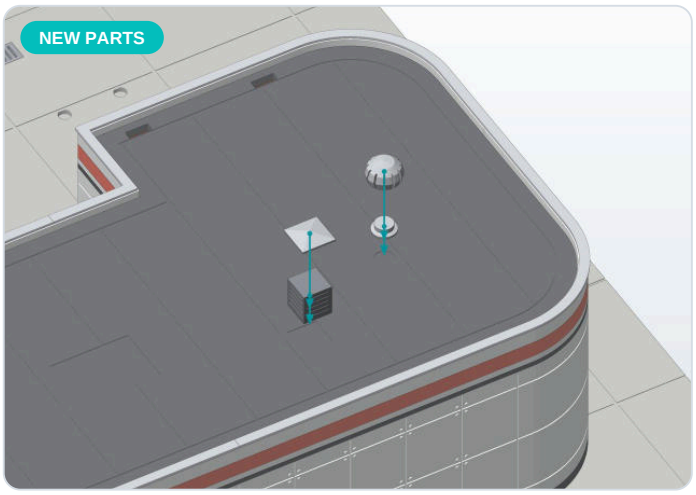


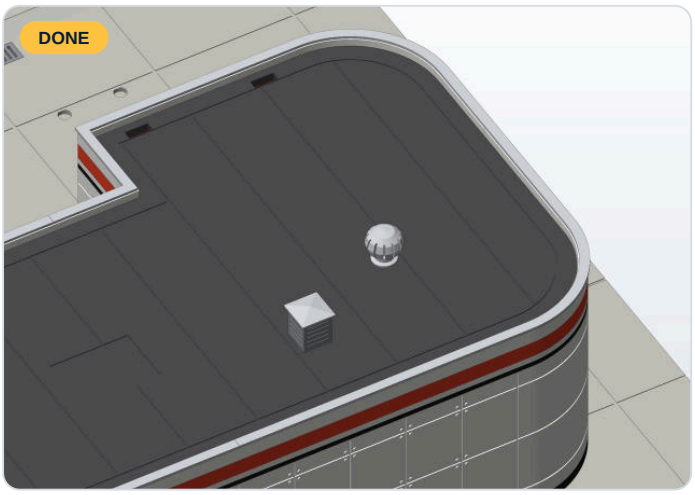
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40

Step 40

Seen from the rear: glue the base of the turbine vent into the round pocket of the roof plate and the head onto it. The box vent into the square pocket, its chrome cap on top.

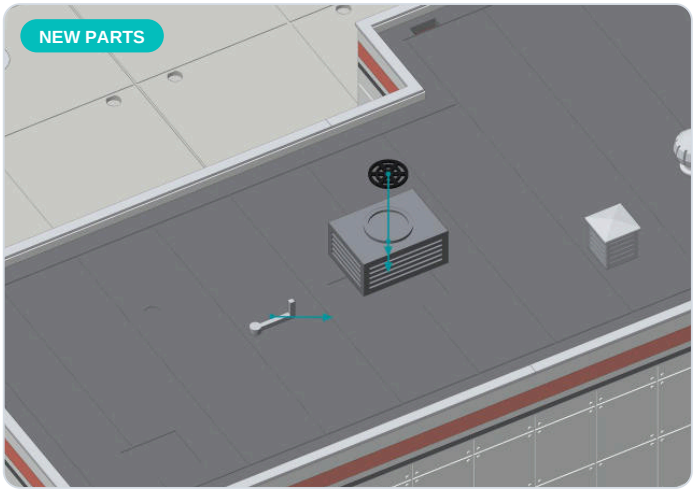


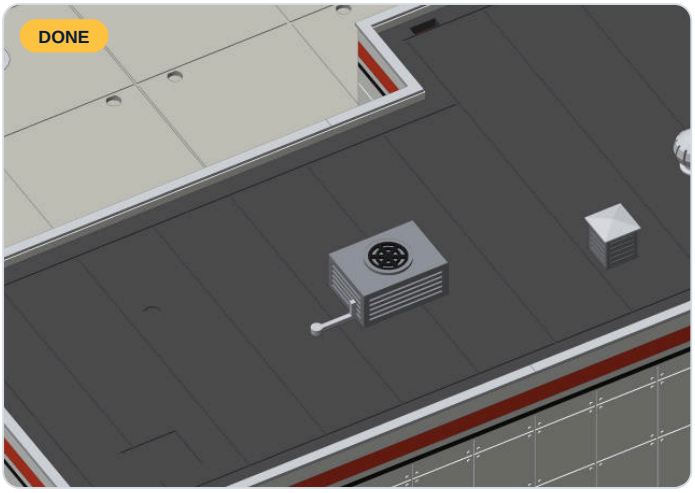


41

Step 41

Glue the air conditioner into the large pocket, the black fan grille into the ring on top and the chrome pipe to its side and onto the roof.

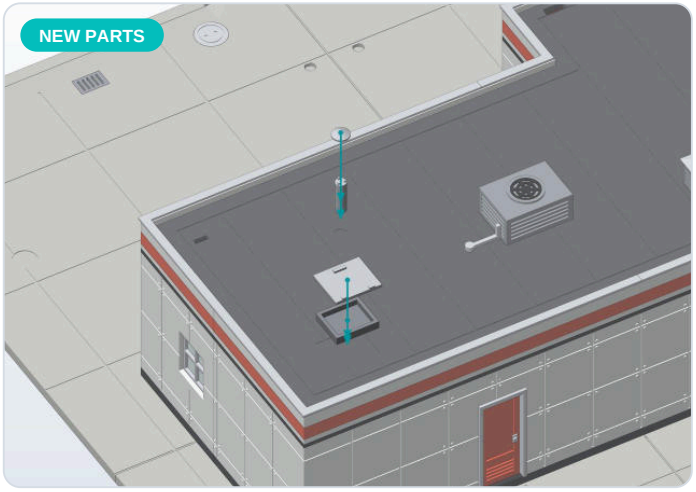


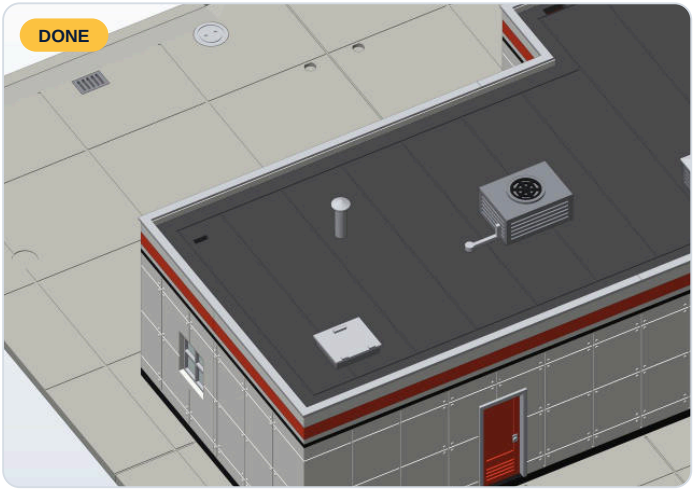


42

Step 42

Glue the exhaust pipe into its pocket and the rain cap onto the three webs. The frame of the roof hatch into its pocket, the lid onto it (handle to the front).



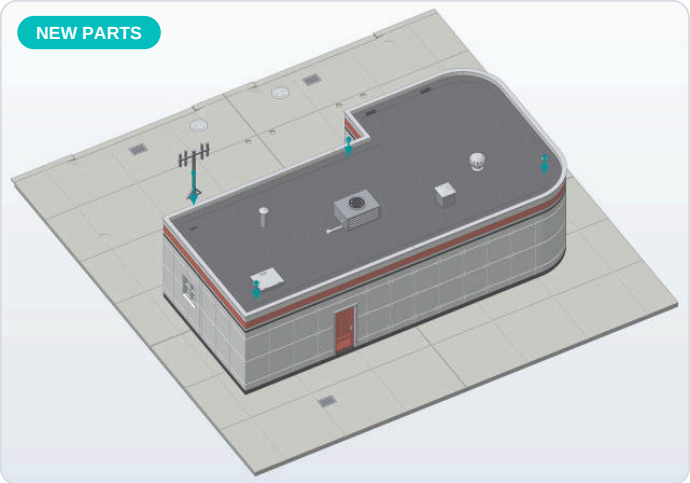


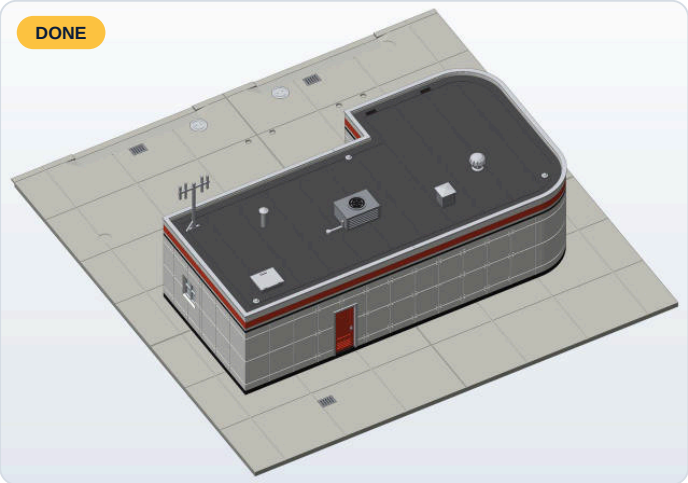
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43

Step 43

Glue the three roof drains onto the roof near the parapet. Push the antenna with its tab into the slot of the roof plate.





44

Step 44

Office sign: push the bracket with its two tabs into the slots of the roof plate, glue the sign onto the front and the two braces behind.

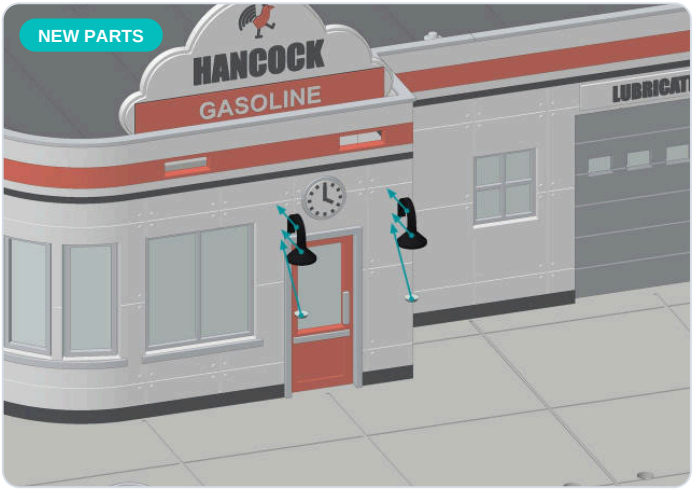




45

Step 45

Two wall lamps left and right of the office door: arm with its plate to the wall, shade under the end of the arm, glass bulb with its flat side under the shade.



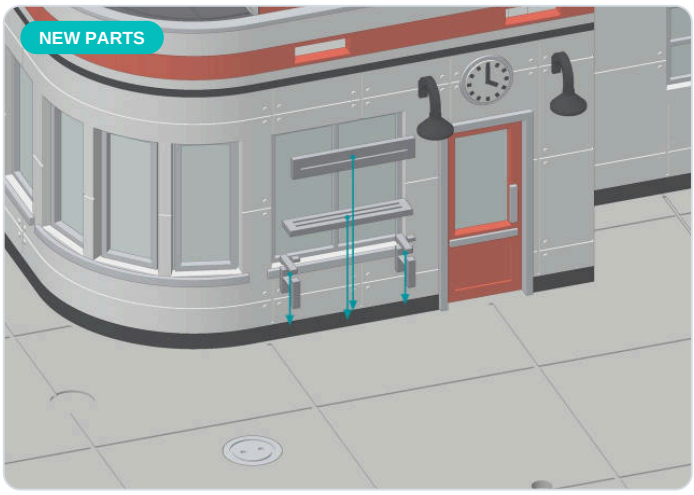


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46

Step 46

Bench in front of the office: glue seat and back into the slots of the two ends.

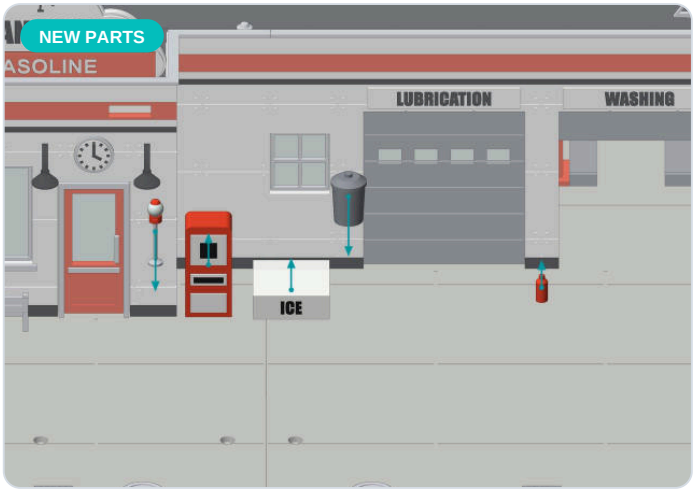


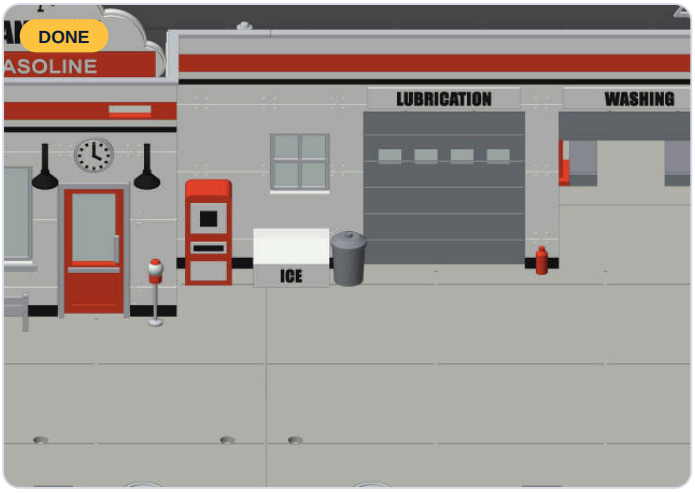


47

Step 47

Recess next to the office: stand the drinks machine and the ice chest against the wall, the bin next to them. A fire extinguisher between the doors, the gumball machine to the right of the office door.

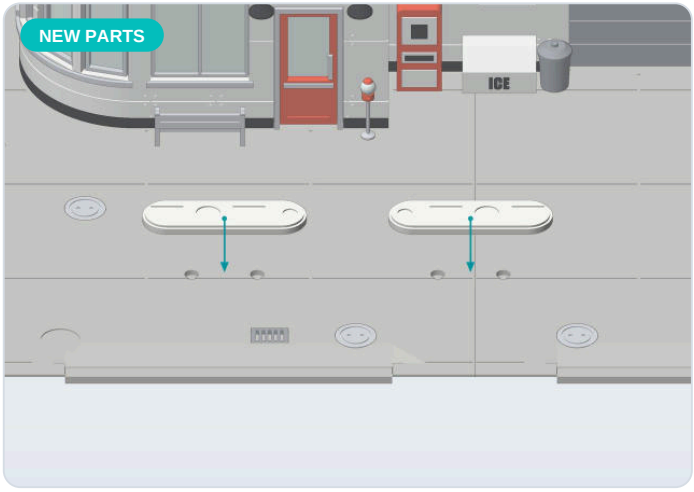


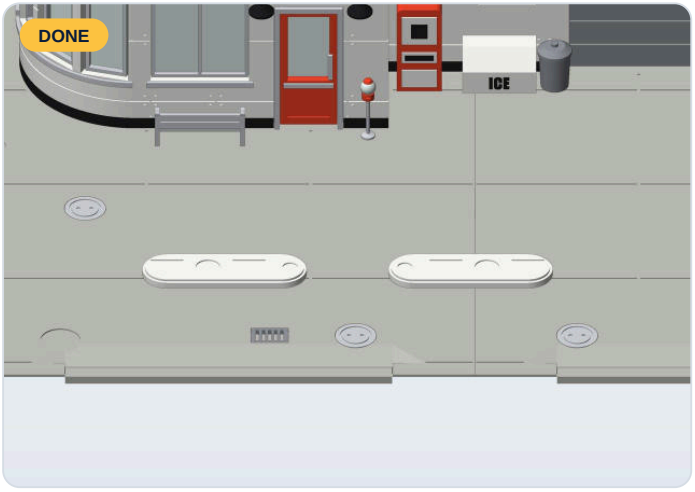


48

Step 48

Push the two pump islands with their two pegs each into the holes of the lot.





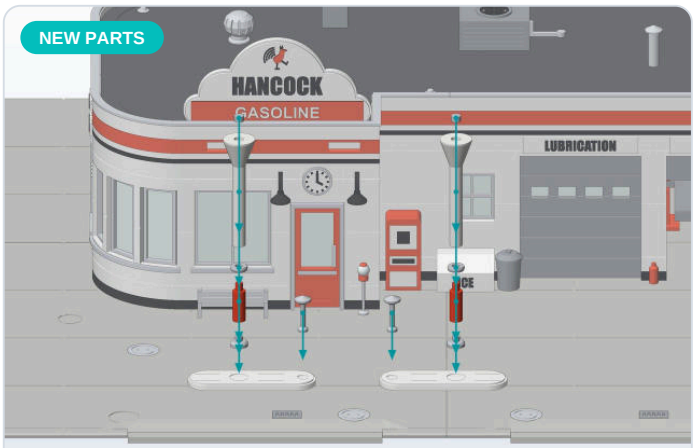
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49

Step 49

Two canopy columns, each from bottom to top: chrome foot into the island pocket, orange shaft, chrome ring, white shaft with capital, the pin on top. The island light goes into the small pocket at the end of the island.

NEW PARTS



DONE

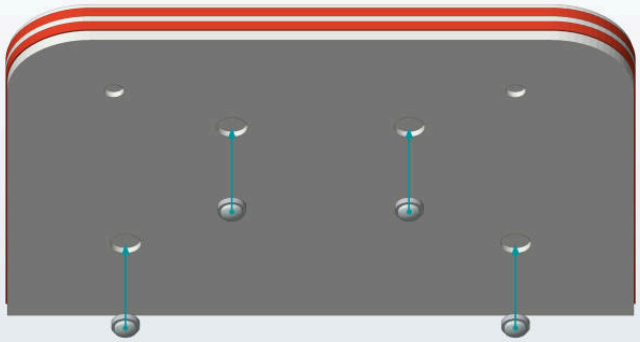


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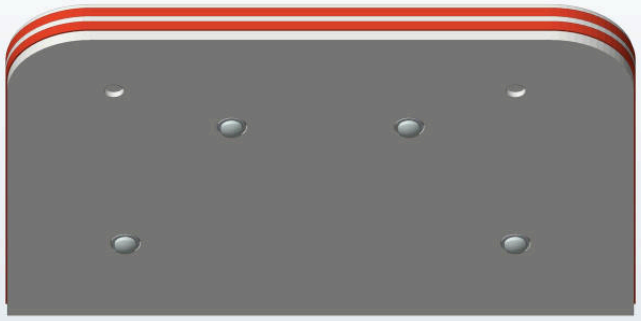
Step 50

The picture shows the canopy from below. Glue the four canopy lights with their flat side into the round pockets (chrome ring on the canopy, glass pointing down).

NEW PARTS



DONE

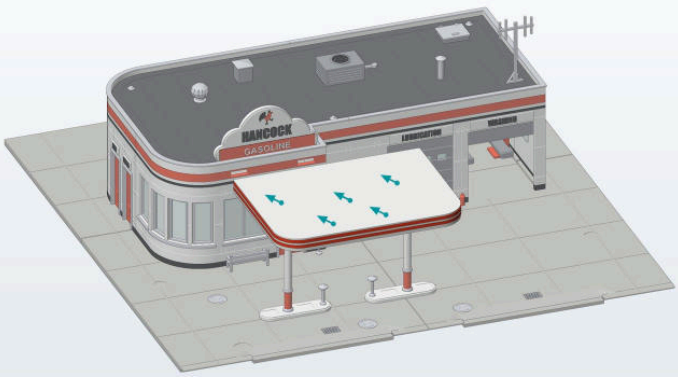


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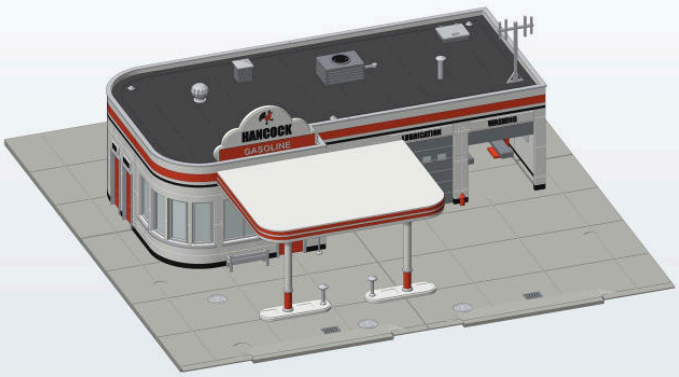
Step 51

Push the canopy with its two tabs into the slots of the office wall and rest it on the capitals of the two columns; the pins engage in the pockets under the canopy.

NEW PARTS



DONE

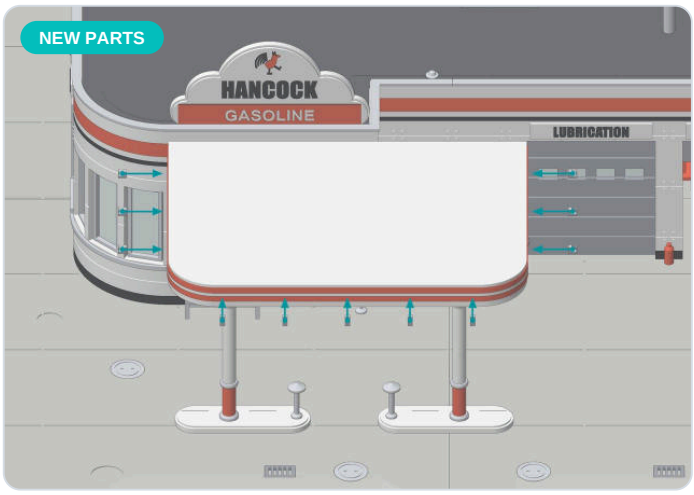


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52

Step 52

Glue the eleven chrome clips with their groove facing up to the white stripe of the canopy fascia: five at the front, three on each side.

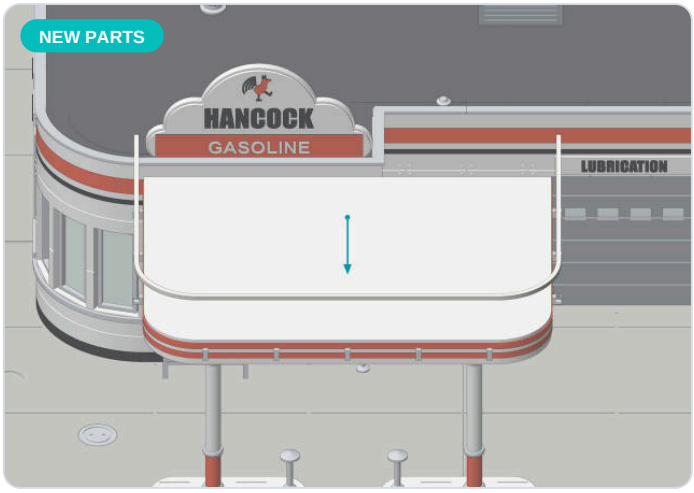


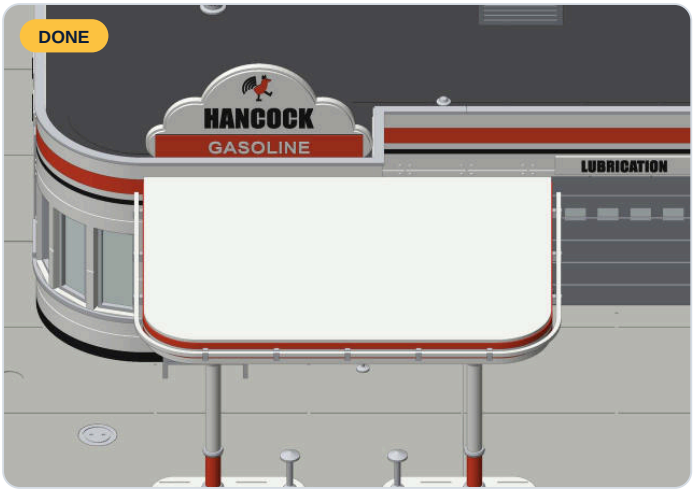


53

Step 53

Lay the neon tube into the open grooves of the eleven clips from above and secure it with a drop of glue.

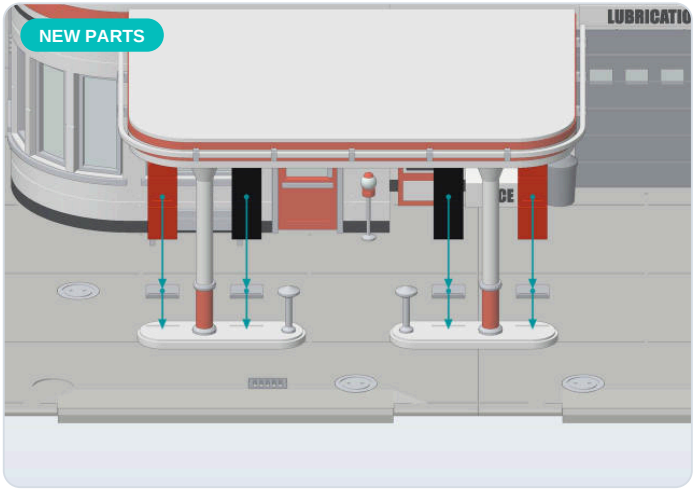


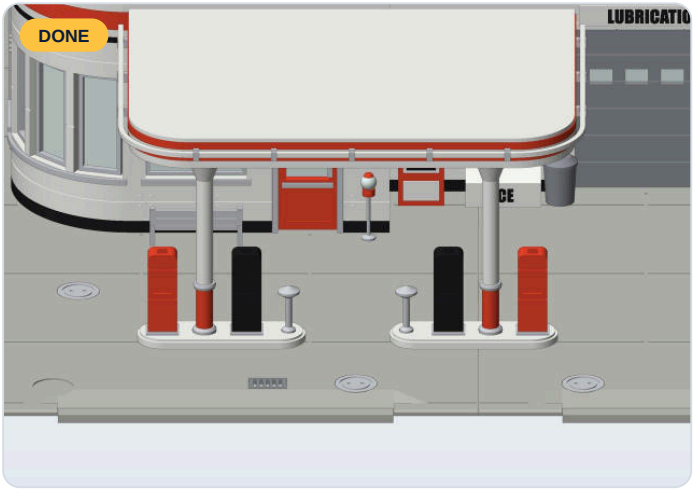


54

Step 54

Four pumps: glue a chrome base into each island pocket and the housing onto it – the orange ones outside, the black ones inside.



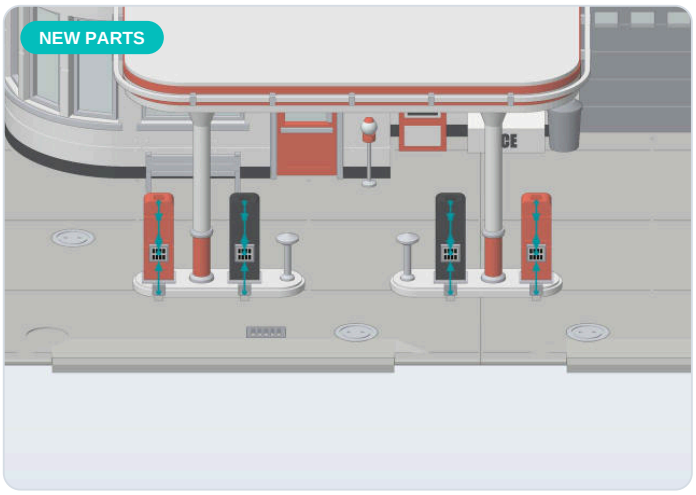


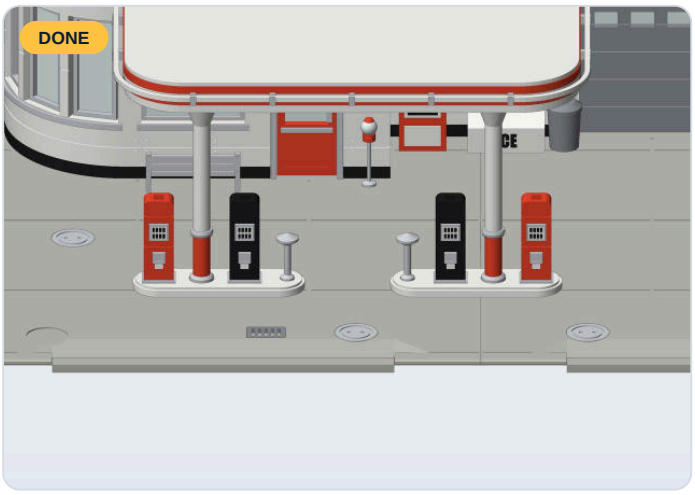
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55

Step 55

On each pump glue a meter into the pocket on front and back and a towel dispenser below it (the white towel hangs down).

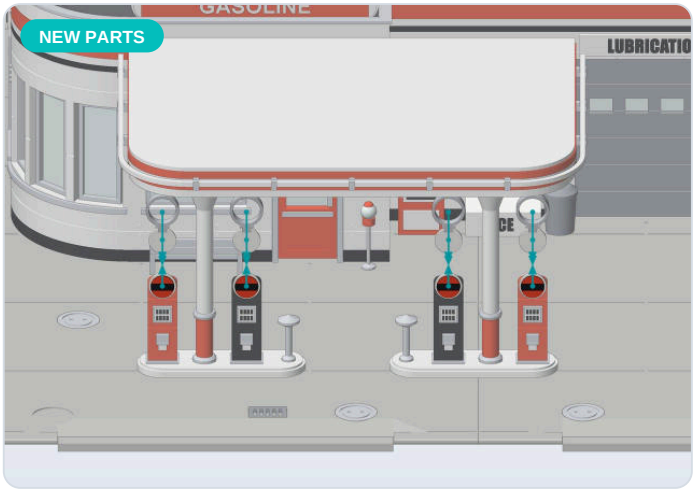


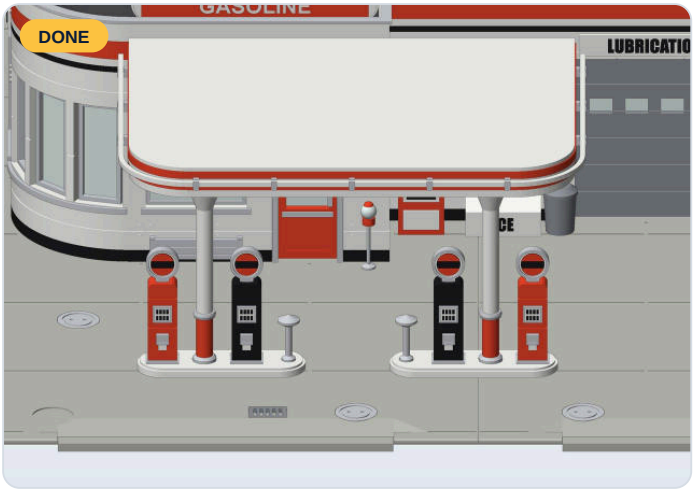


56

Step 56

Push the chrome ring with its neck into the slot on top of each pump and glue a globe face into it from the front and from the back.

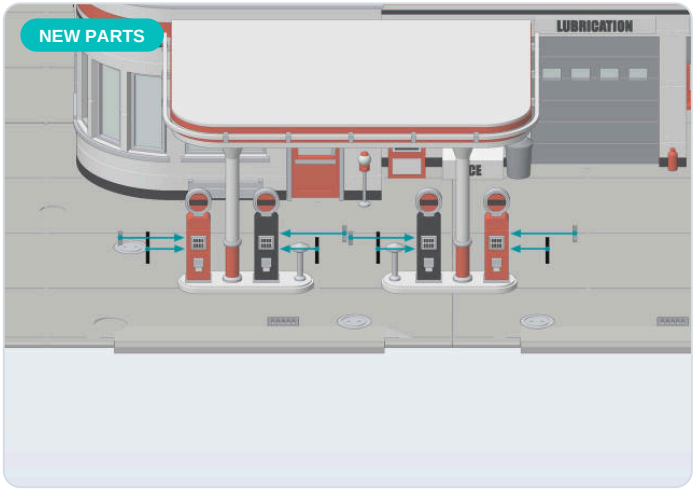


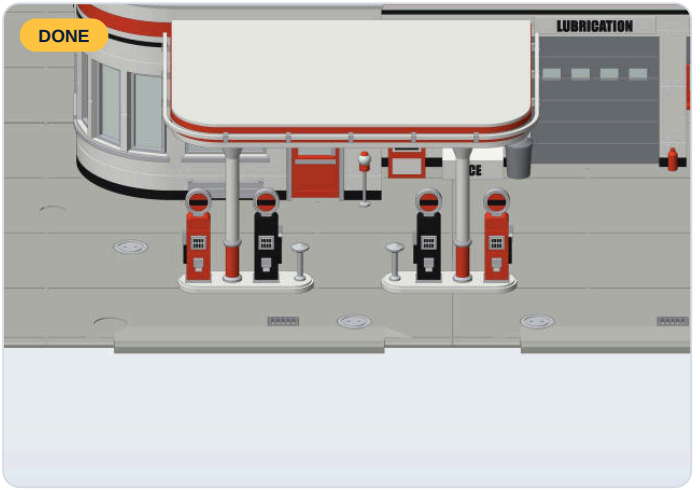


57

Step 57

Glue the black hose to the narrow side of each pump and the chrome nozzle to its short end.





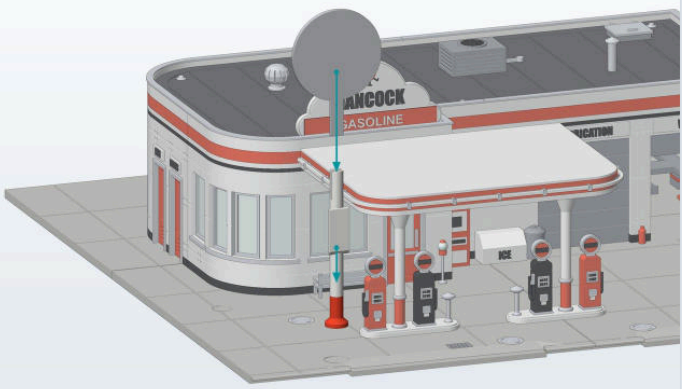
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58

Step 58

Push the sign mast into the round pocket at the front left (bracket facing the street) and the sign bracket with its tab into the slot on top.

NEW PARTS



DONE



59

Step 59

Glue a brand sign to the front and back of the bracket and slide the chrome ring over them (gap pointing down). Glue the price board onto the bracket of the mast.

NEW PARTS



DONE

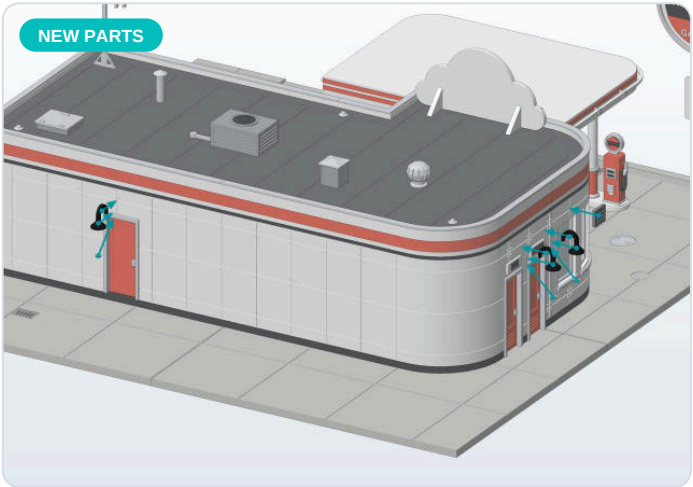


60

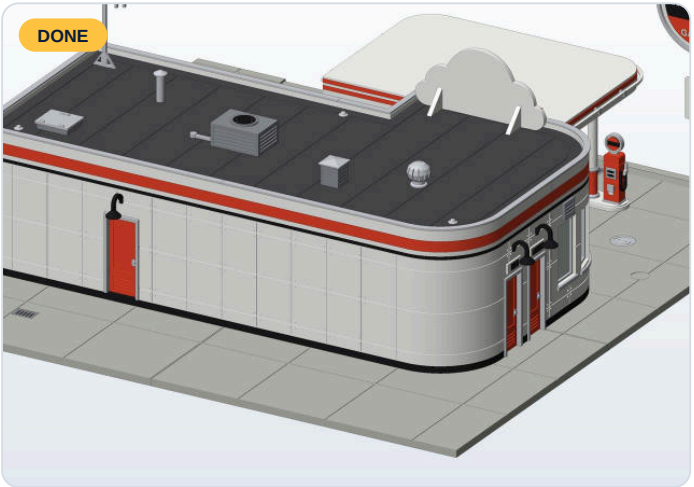
Step 60

Three more wall lamps in the same way: one above each of the two restroom doors, one above the yard door. Glue the small vent grille high onto the left wall.

NEW PARTS



DONE



61

Step 61

Two lamps: mast into the round pocket, arm with its peg into the slot on top, head under the end of the arm. The arms point towards the middle of the lot.

NEW PARTS



DONE



62

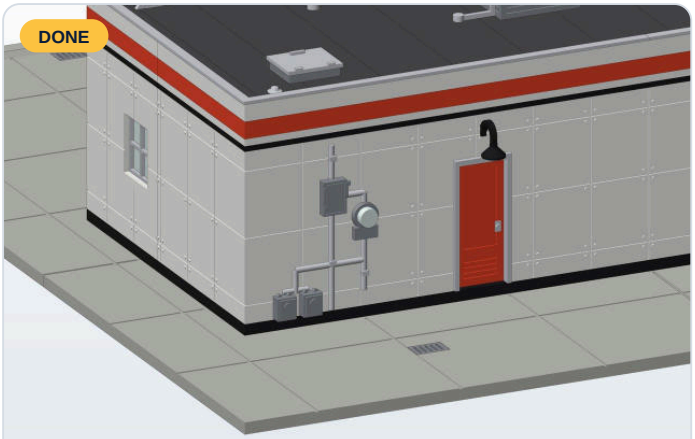
Step 62

Rear wall, right: glue on the conduit pipes and, into the gaps, the switch box, the electricity meter with glass dome and the two gas meters at the bottom.

NEW PARTS



DONE

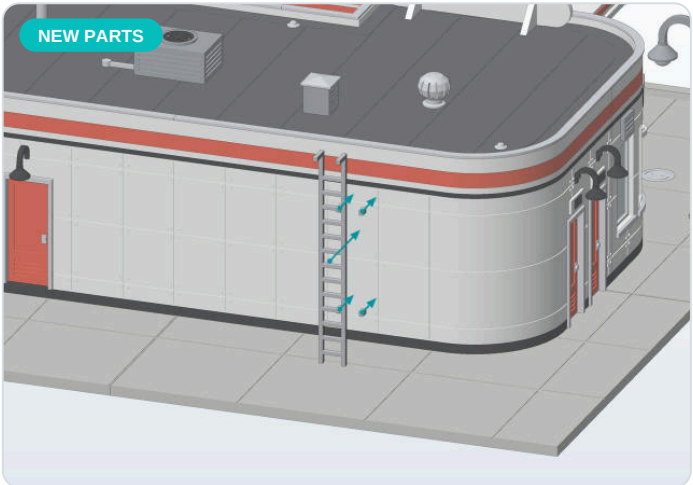


63

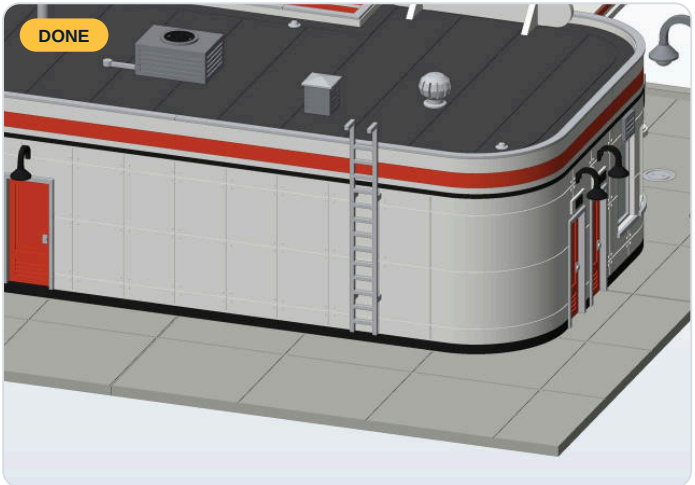
Step 63

Rear wall, left: glue the four ladder brackets to the wall and the ladder onto them; its hoops reach over the parapet.

NEW PARTS



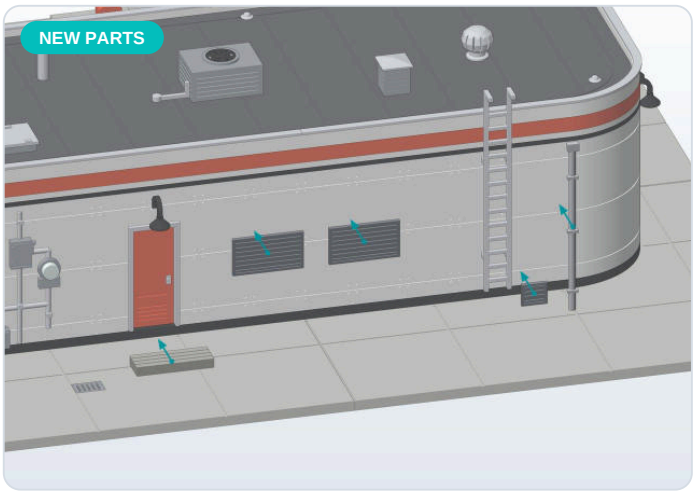
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64 Step 64

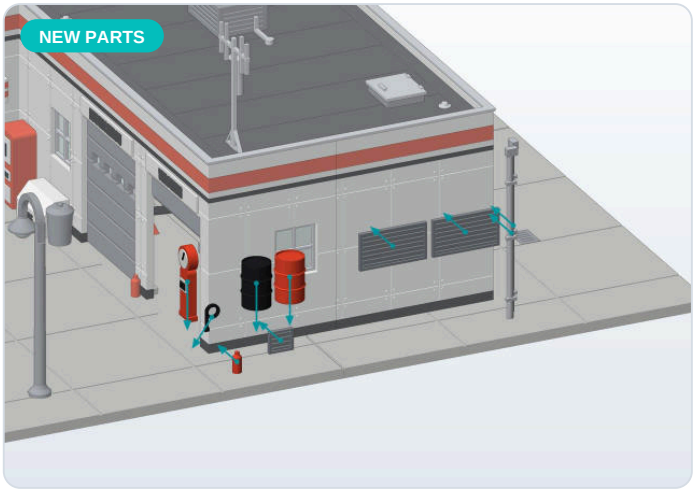
Rear wall: glue on two downpipes, two large vent grilles and a small one. The step goes in front of the back door.

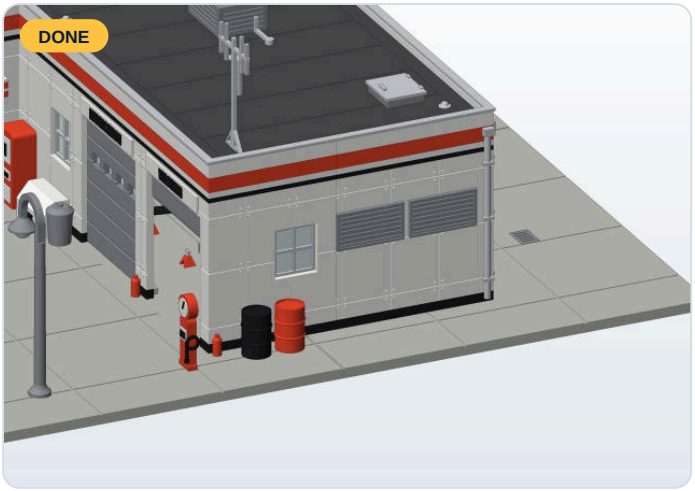




65 Step 65

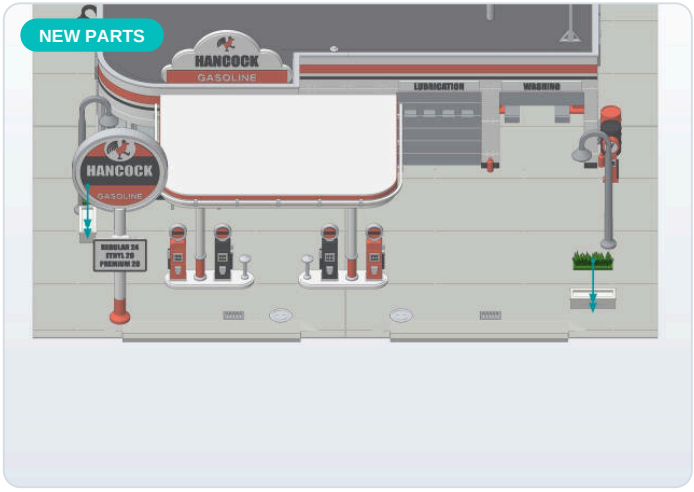
Right side: glue a downpipe, two large vent grilles, a small one and a fire extinguisher to the wall. Stand the air tower with its hose and two oil drums next to it.





66 Step 66

Set up the two planters – one on the left by the office, one on the right by the street – and glue a bush into each.



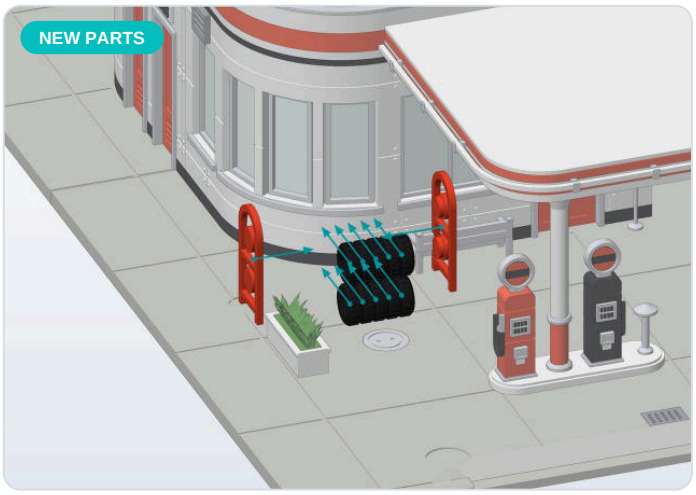


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67

Step 67

Tyre rack on the left in front of the office: push five tyres onto each of the two pegs of one side frame, then the second frame against them from the other side.

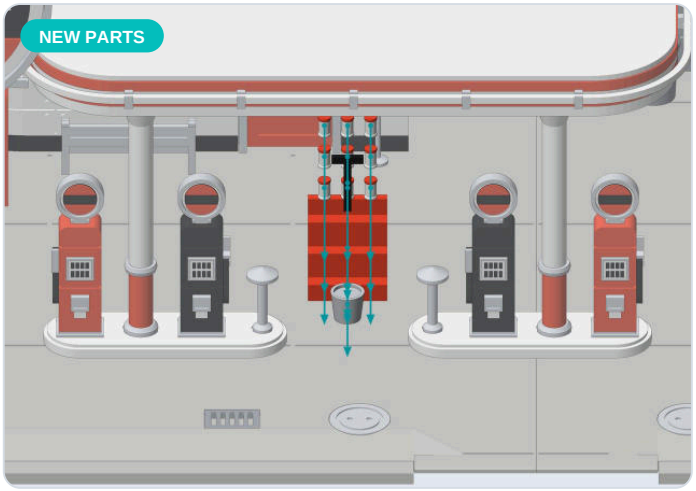


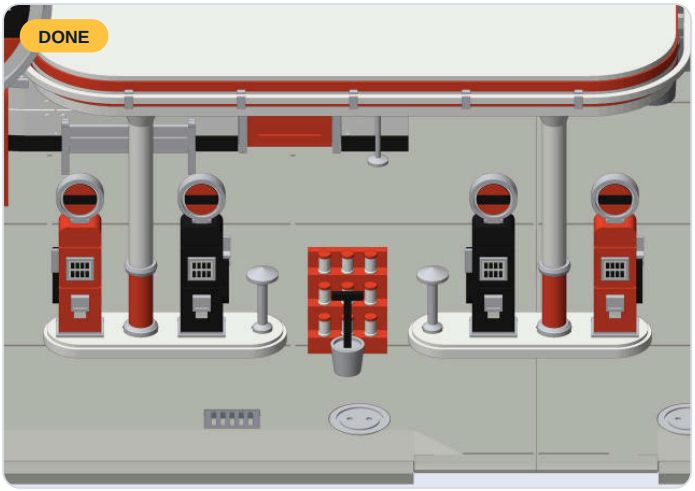


68

Step 68

Between the pump islands: set up the oil can stand and glue three cans onto each of its three steps. The bucket in front, the squeegee in the bucket.

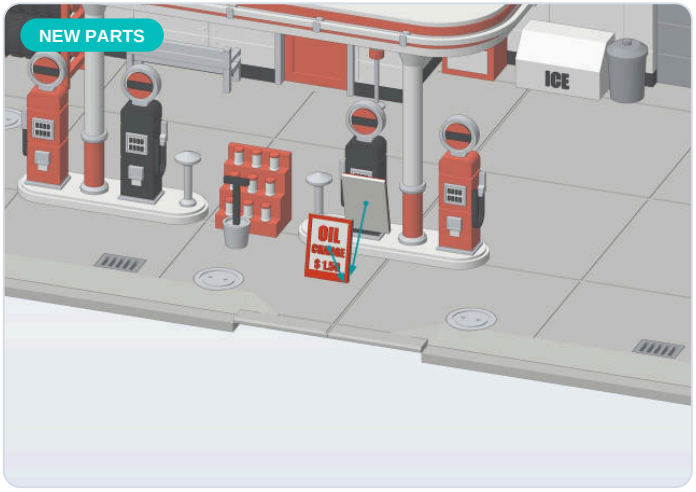


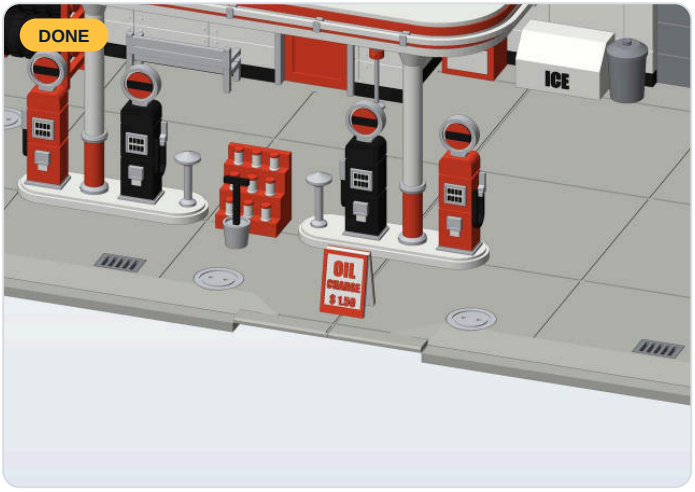


69

Step 69

Lean the two boards of the A-frame sign together at the top, glue them and place the sign at the curb between the driveways.



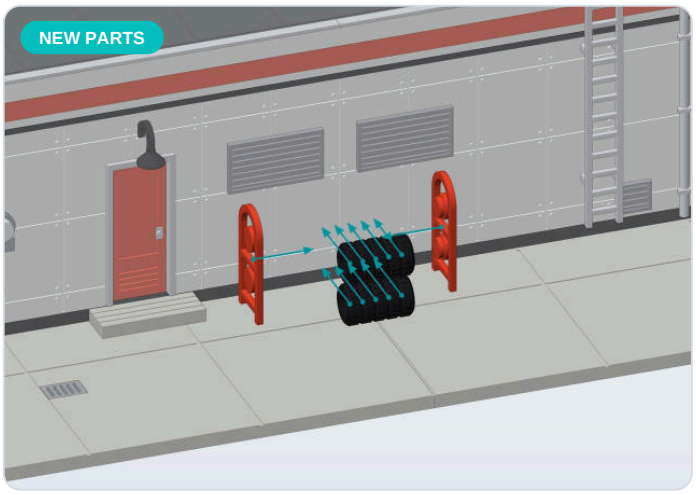


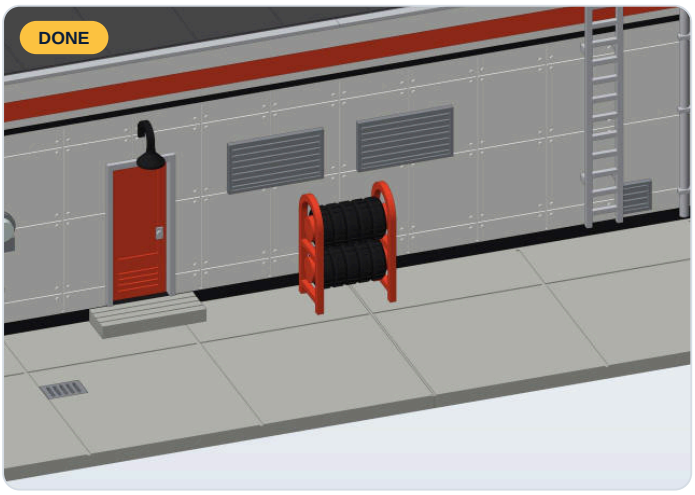
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70

Step 70

The second tyre rack stands behind the building: again five tyres on each of the two pegs, then the second frame against them.

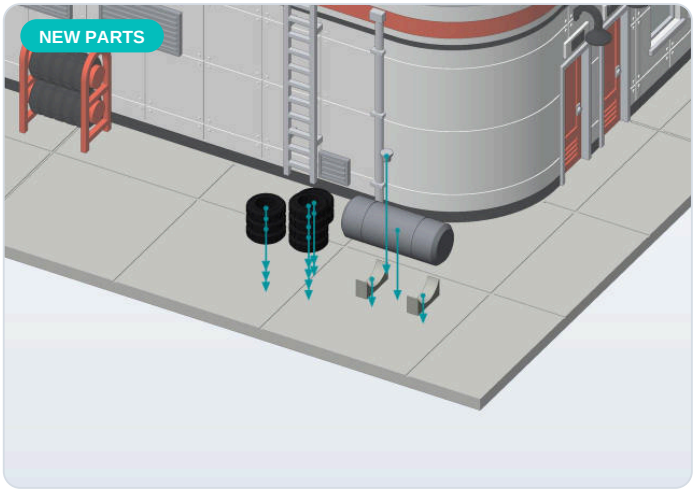


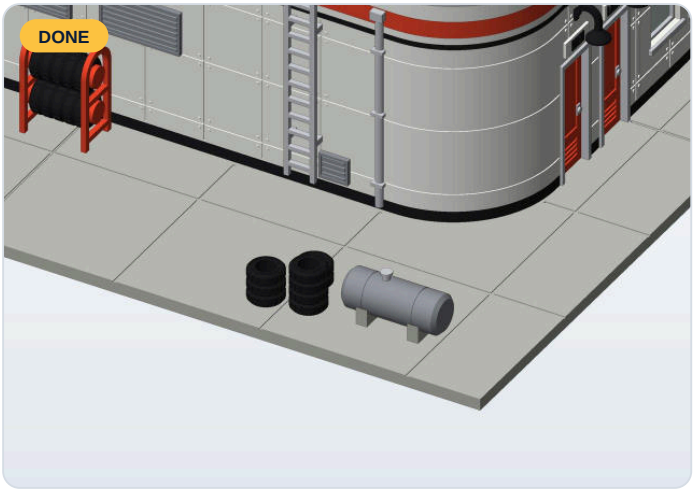


71

Step 71

Yard, waste oil tank at the rear left: lay the tank onto the two concrete saddles with the filler on top. Next to it glue nine old tyres into three stacks.



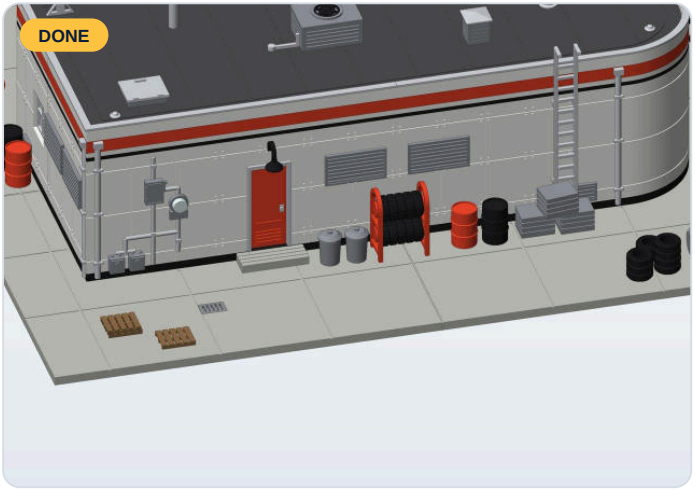


72

Step 72

Behind the building stand three crates, two bins and two oil drums against the rear wall. Lay the three pallets in the yard at the rear right.





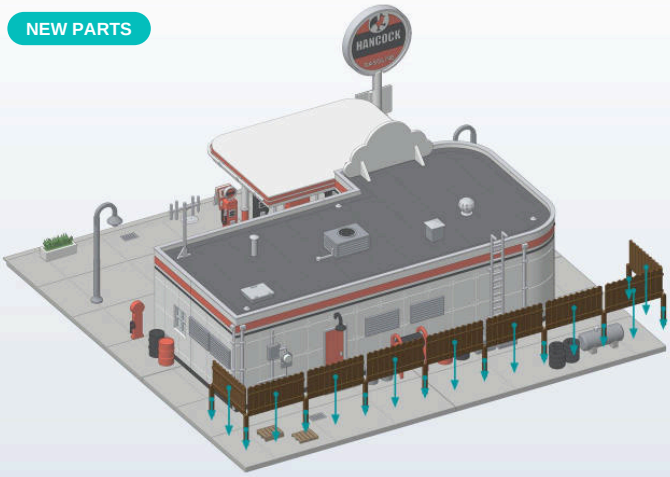
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73

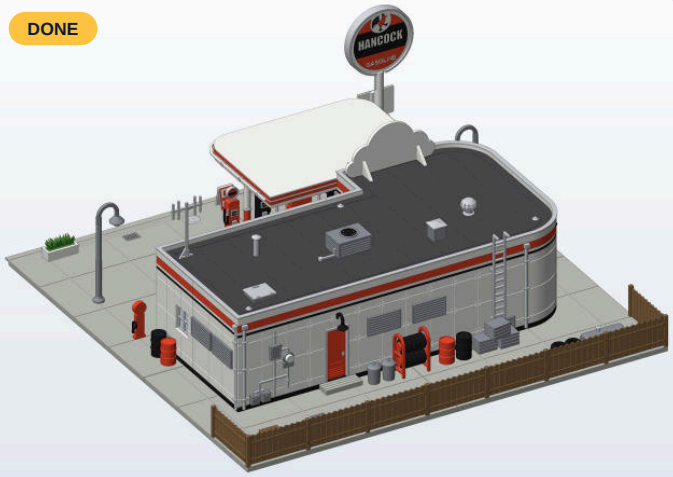
Step 73

Finally the board fence: stand the ten fence posts along the rear edge of the lot and glue the nine fence panels between them, boards facing inwards. Done – enjoy your gas station!

NEW PARTS



DONE



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