KreativVolt

ASSEMBLY INSTRUCTIONS

HANCOCK SERVICE STATION

Scale 1:64 · 3D Print Kit

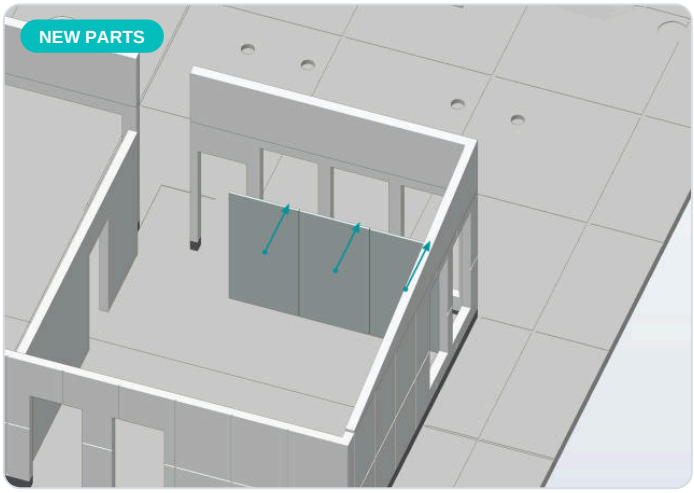


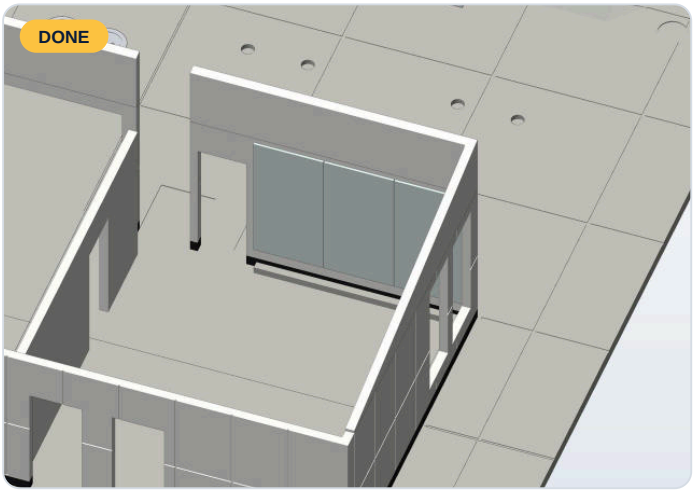
73	217	367	1:64	CA
Assembly steps	Different parts	Pieces	Scale	CA glue

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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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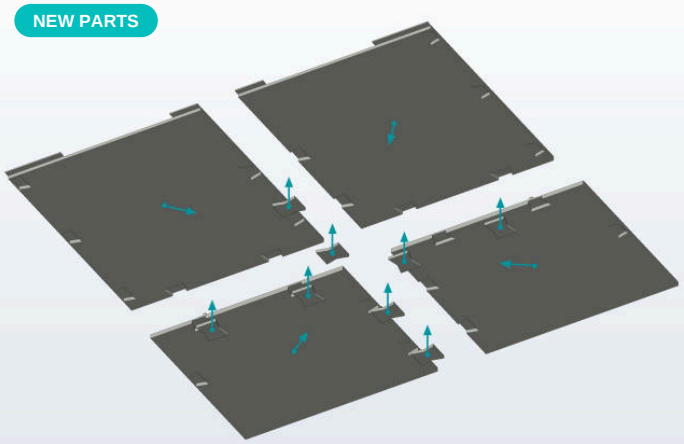
ASSEMBLY INSTRUCTIONS

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

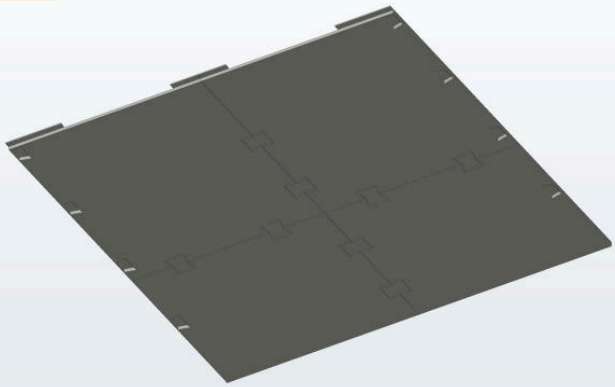
1 Step 1

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



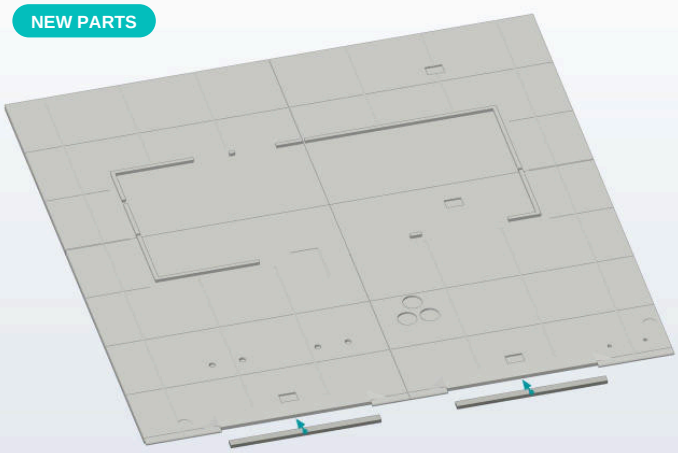
DONE



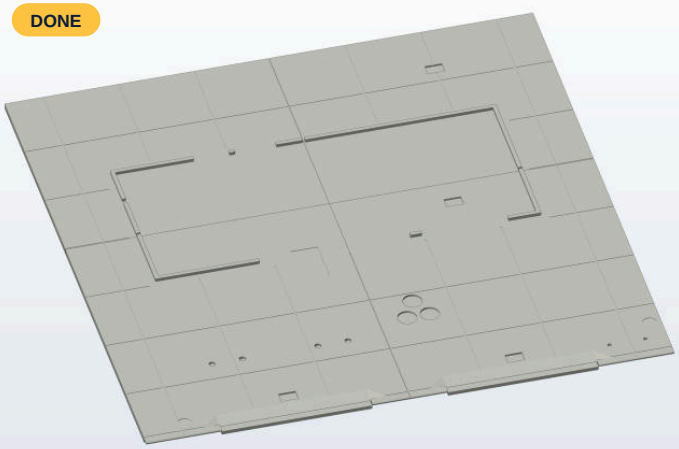
2 Step 2

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



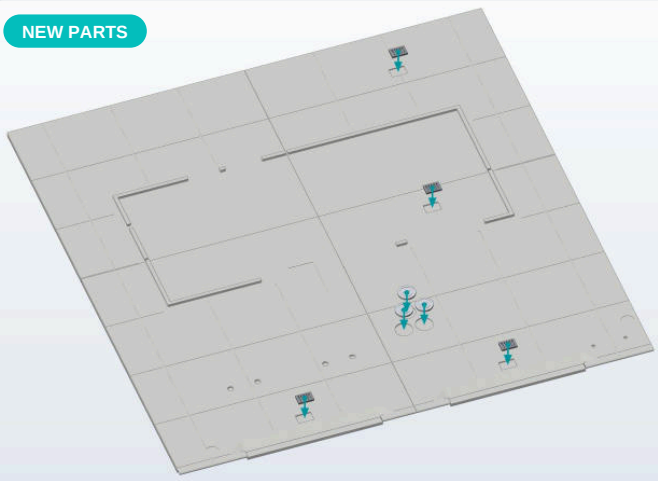
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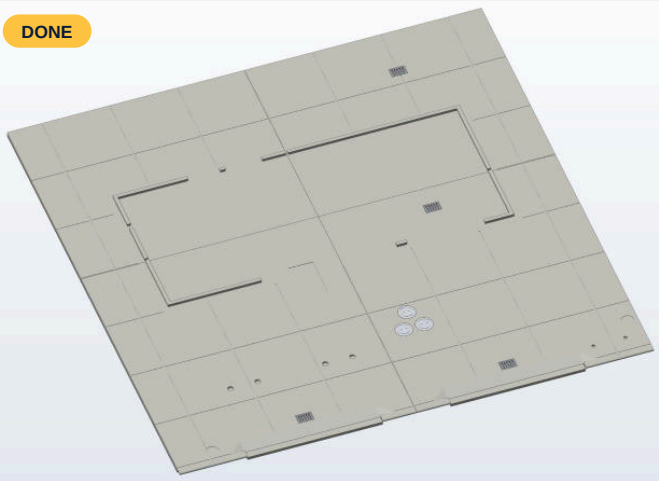
3 Step 3

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

NEW PARTS



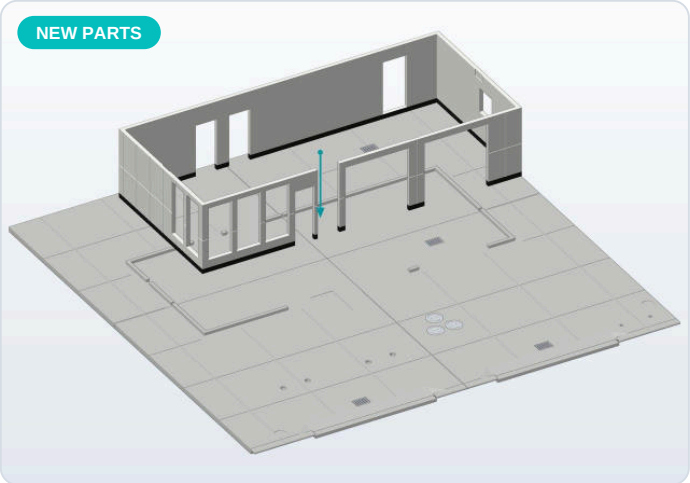
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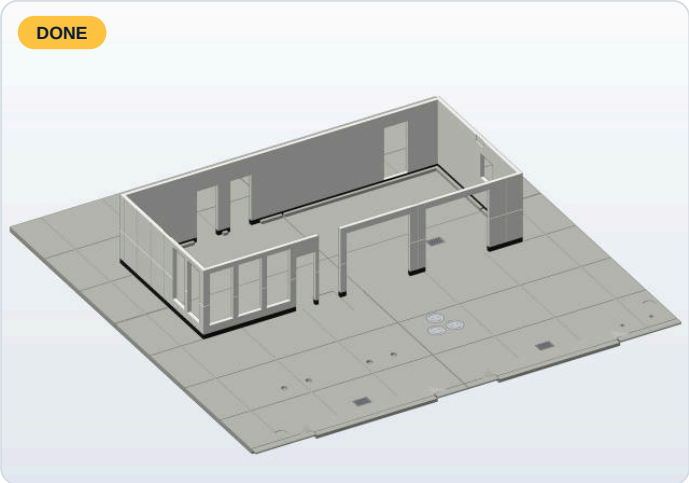


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Step 4

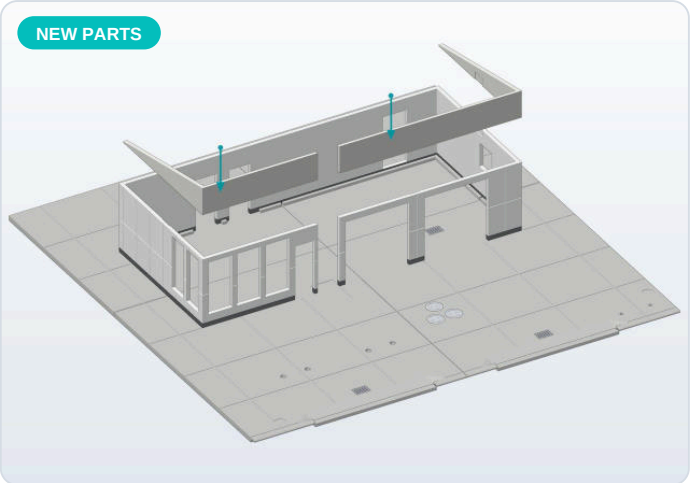
Place the wall ring over the guide rim of the lot from above and glue it along the rim. The glass front of the office faces the street.

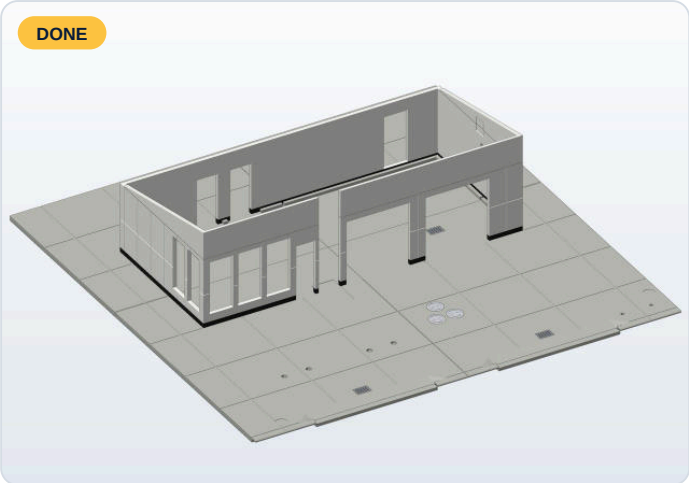




Step 5

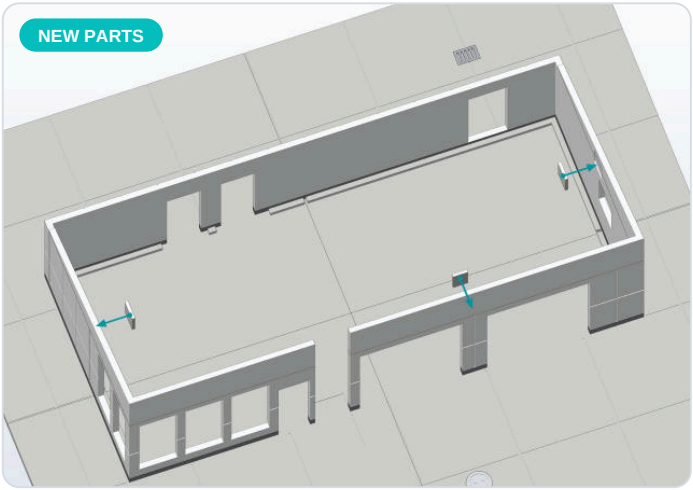
Glue the two roof wedges onto the level top edge of the wall ring: high at the front, tapering towards the rear. The cut-out for the pillar stays open between them.

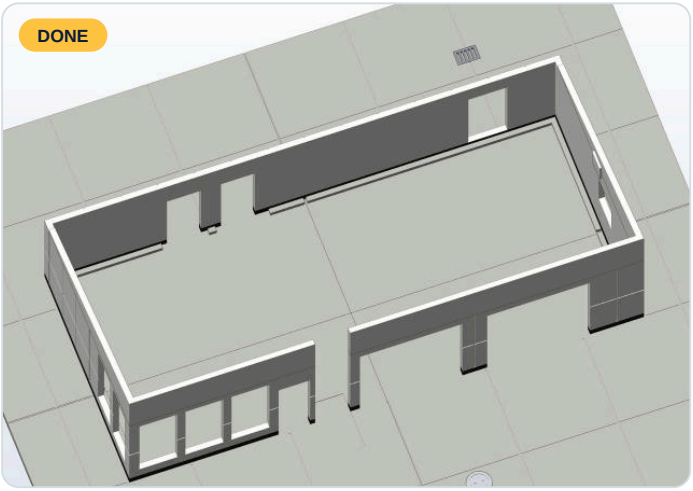




Step 6

On the inside glue three joining plates into the grooves across the joint between wall ring and roof wedge: one at the front between the doors, one each on the left and right.



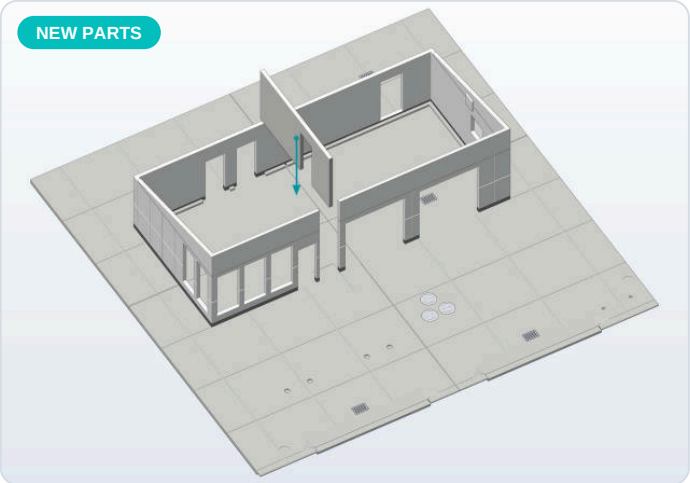


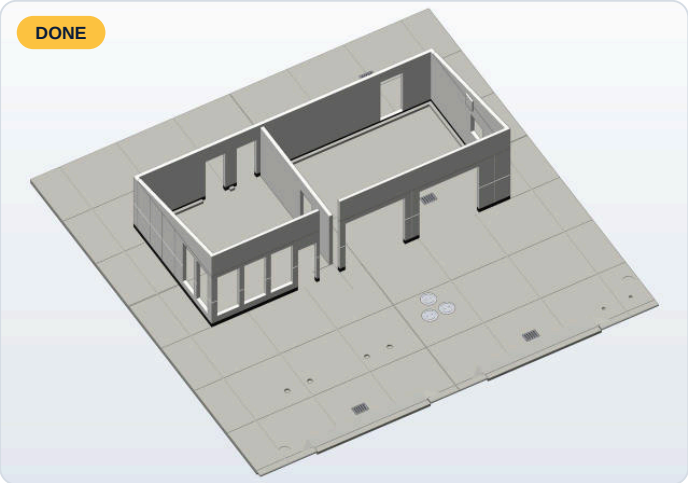
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7

Step 7

Insert the partition between office and workshop from above. It stands behind the pillar cut-out, with the doorway in the middle.

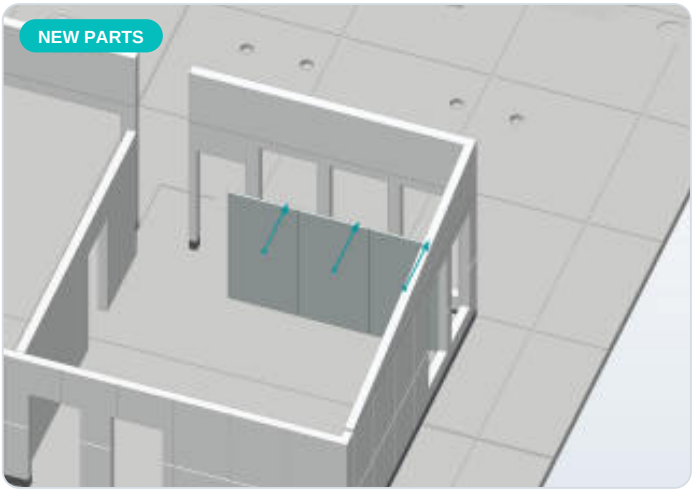




8

Step 8

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

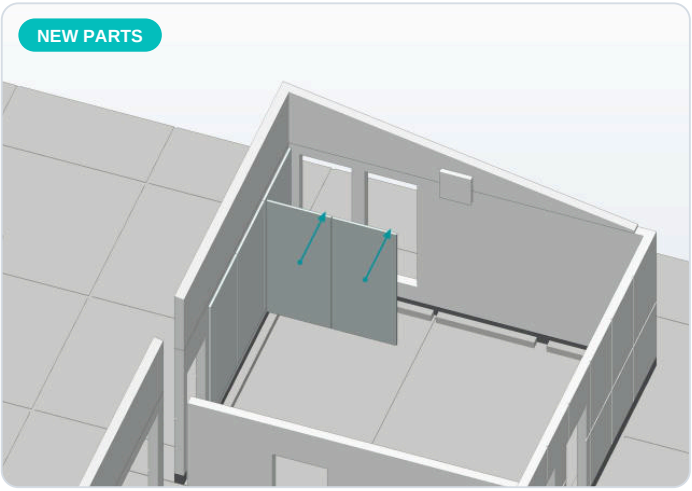


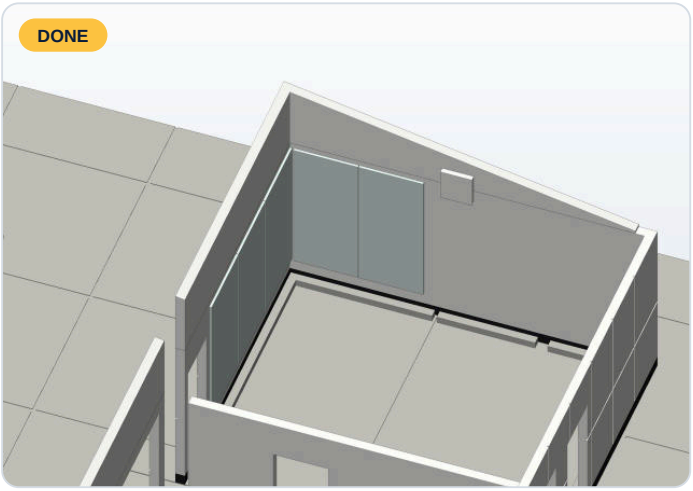


9

Step 9

Slide the two side windows of the office into the left wall from the inside in the same way.



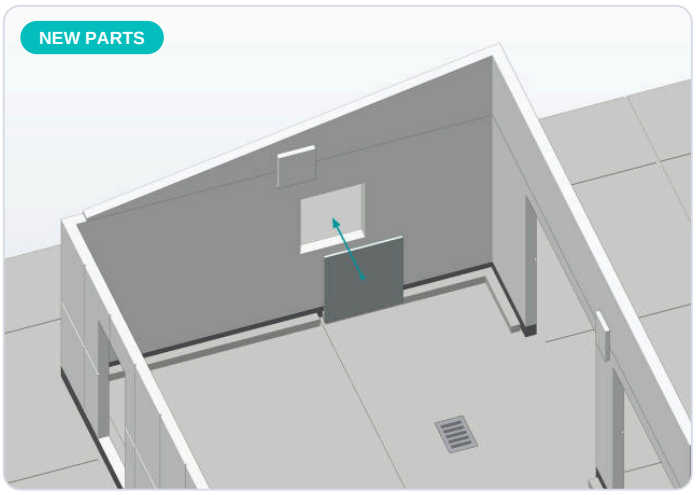


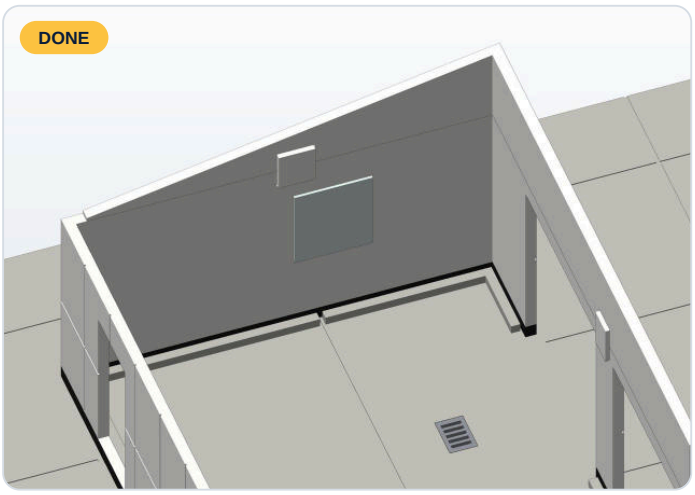
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10

Step 10

Slide the small workshop window into the right wall of the workshop from the inside.

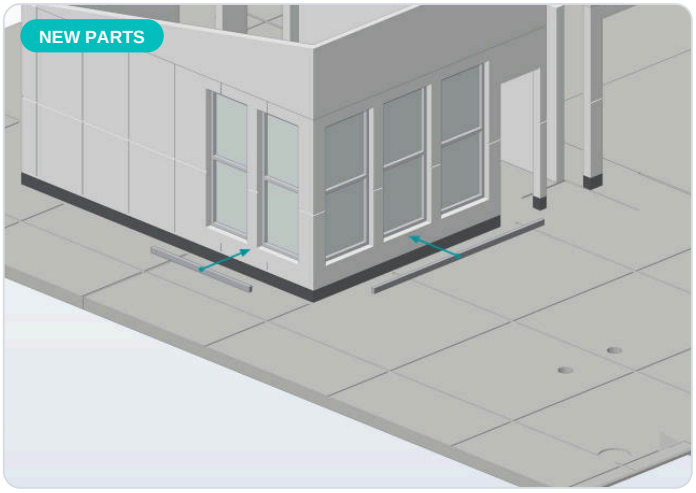


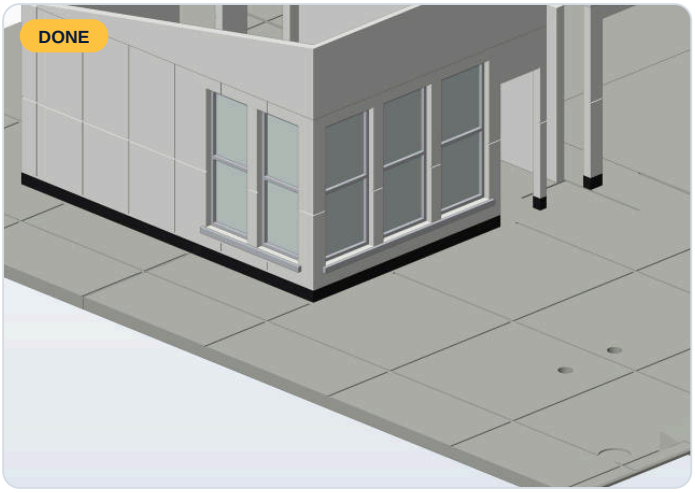


11

Step 11

On the outside glue the long chrome sill under the three shop windows and the shorter one under the two side windows.

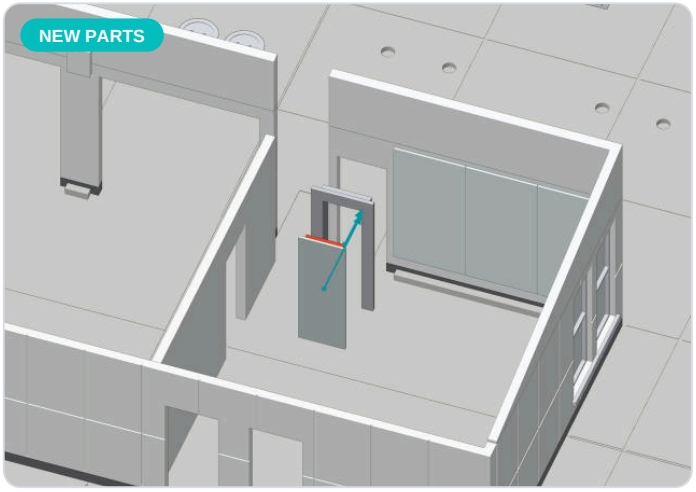




12

Step 12

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



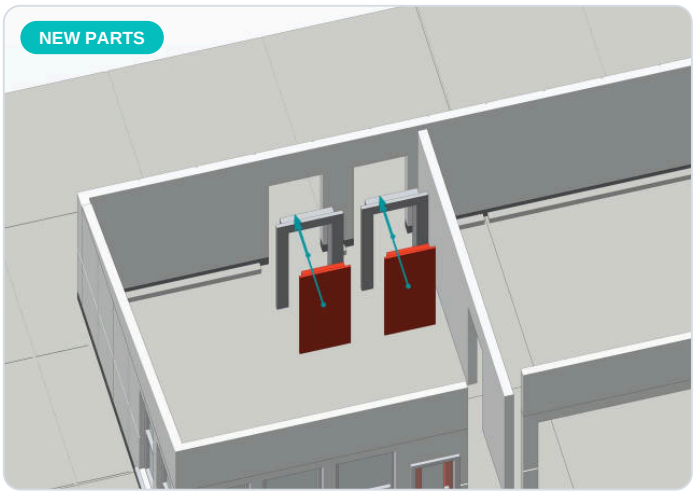


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13

Step 13

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

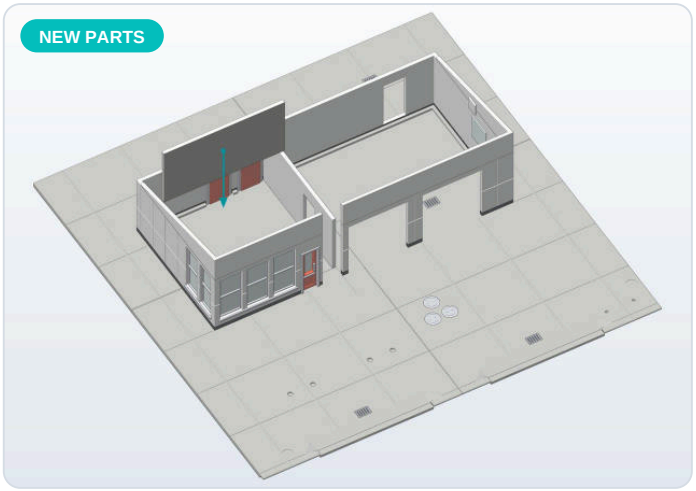


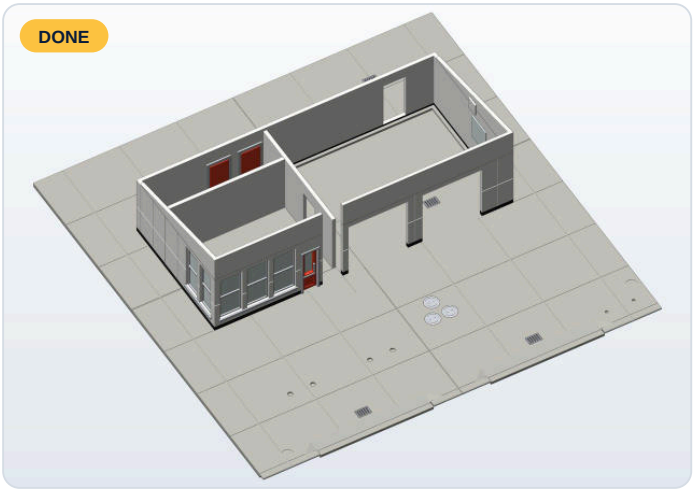


14

Step 14

Stand the cross wall in the office from above and glue it to the left outer wall and to the partition. The restrooms are behind it.

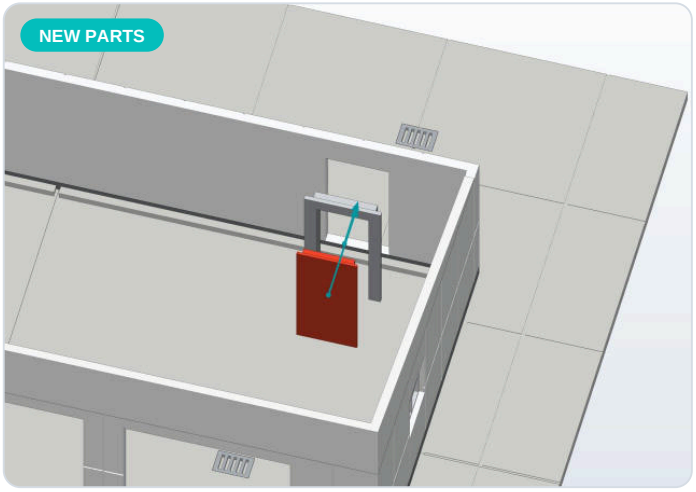


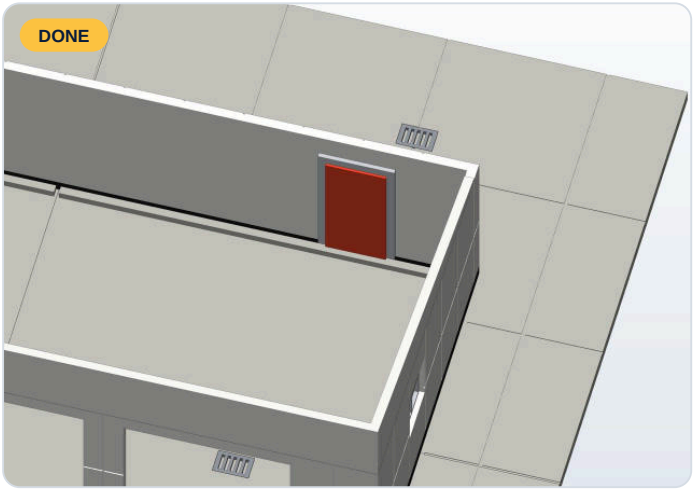


15

Step 15

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



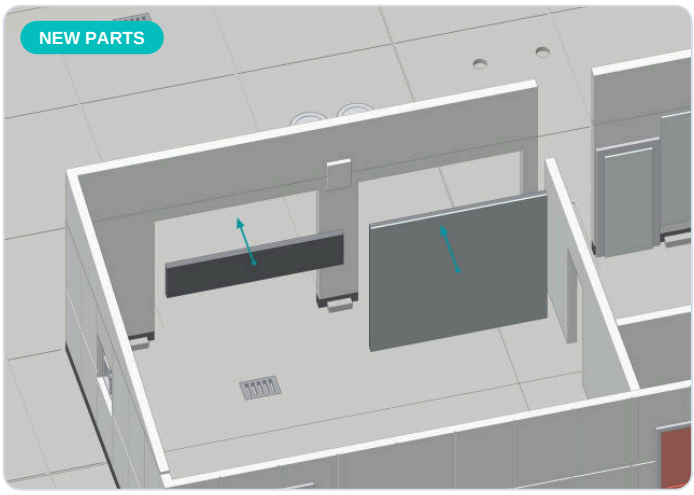


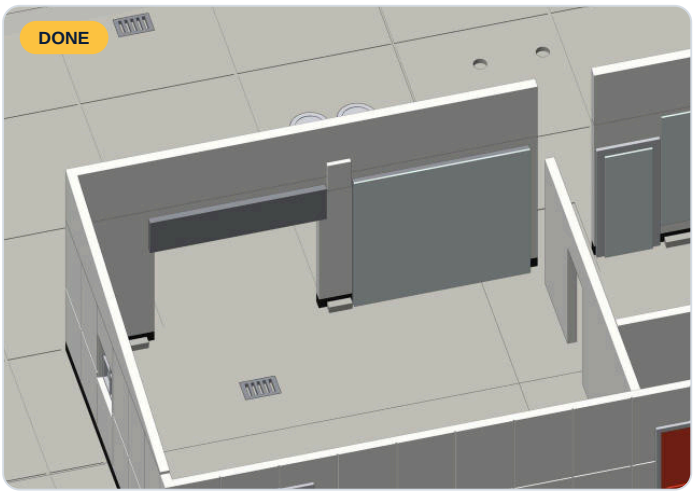
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16

Step 16

Seen from inside: glue the glazed 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.





17

Step 17

On the outside glue the orange LUBRICATION – TIRES BATTERIES band above the two doors and the clock above the office door.

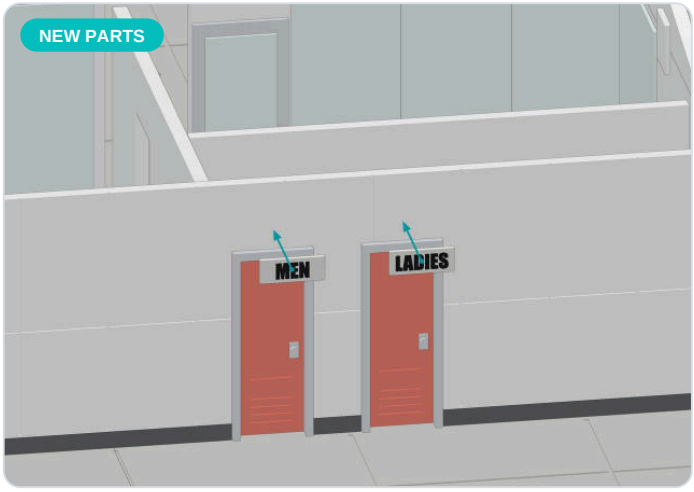


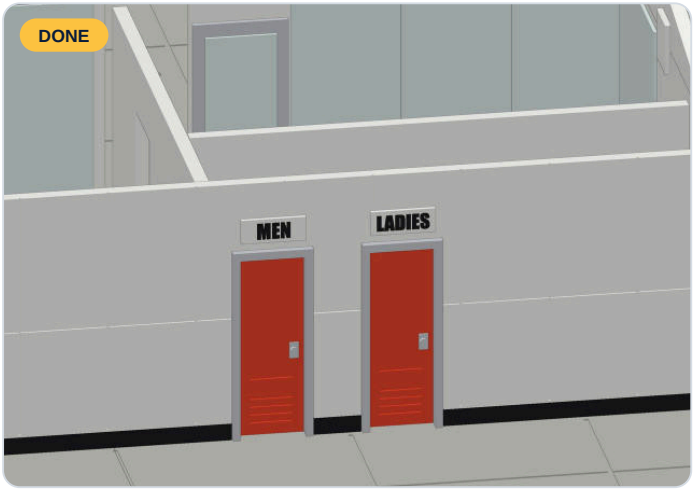


18

Step 18

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

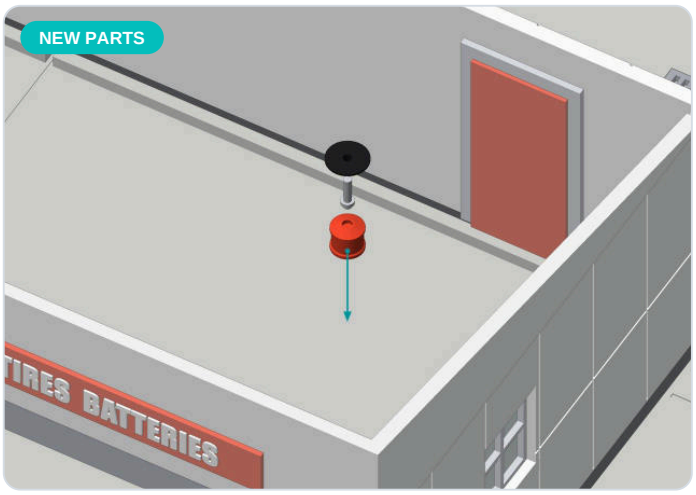


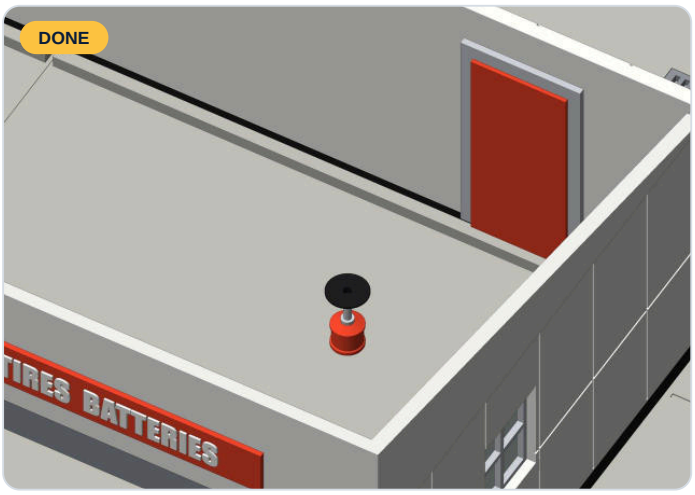


19

Step 19

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.

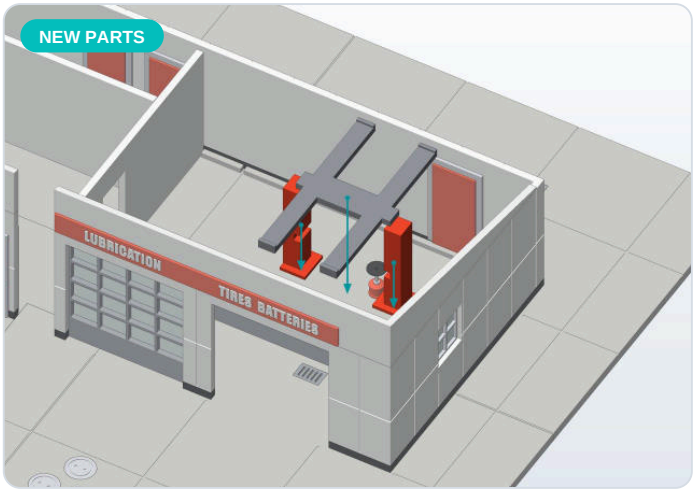




20

Step 20

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

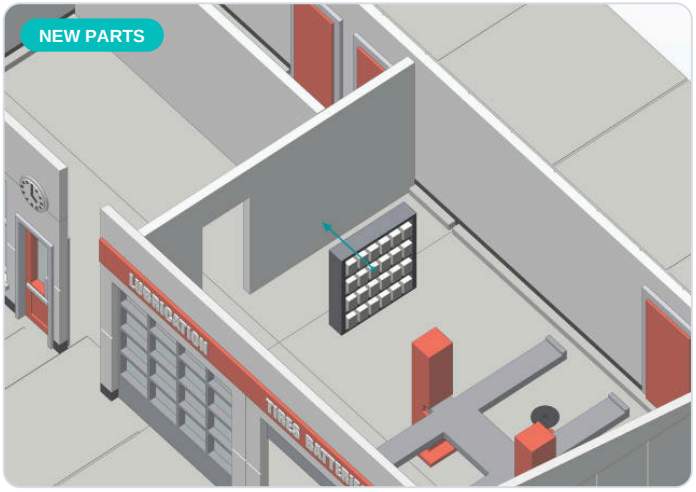


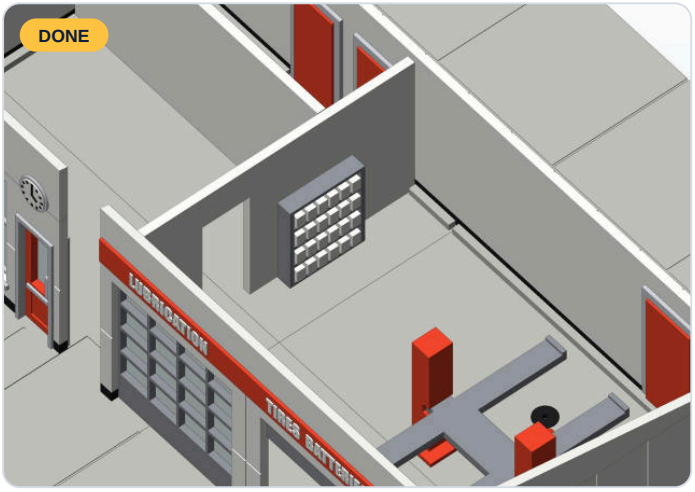


21

Step 21

Glue the first shelf with oil cans to the partition in the workshop, behind the doorway.

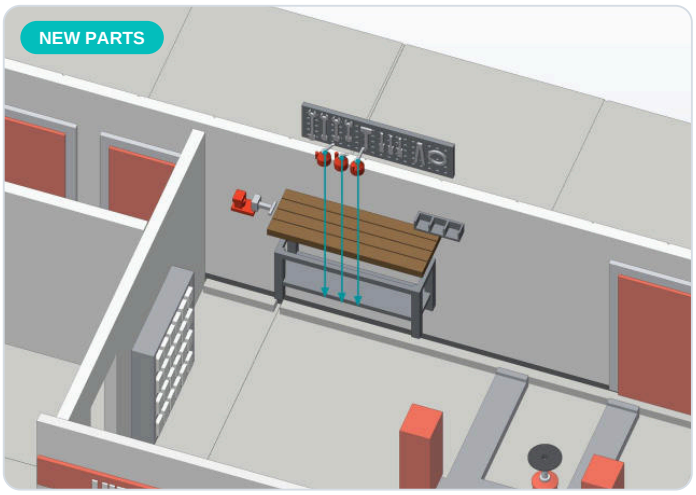




22

Step 22

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.

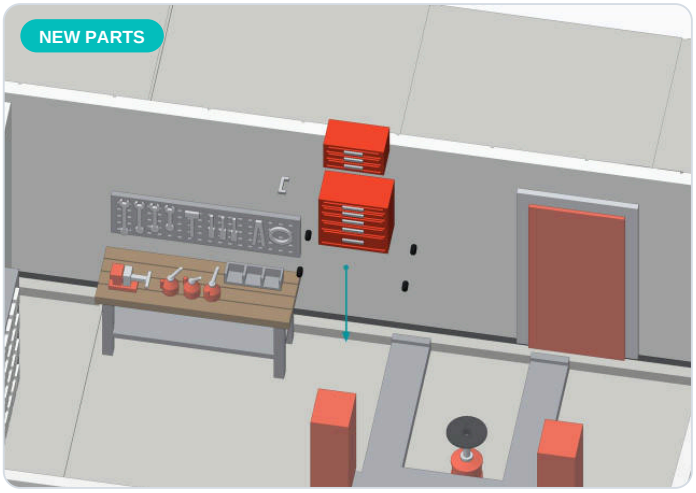


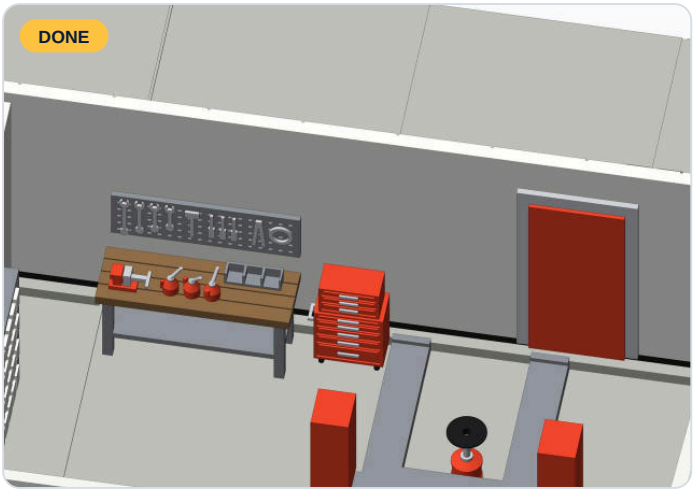


23

Step 23

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.

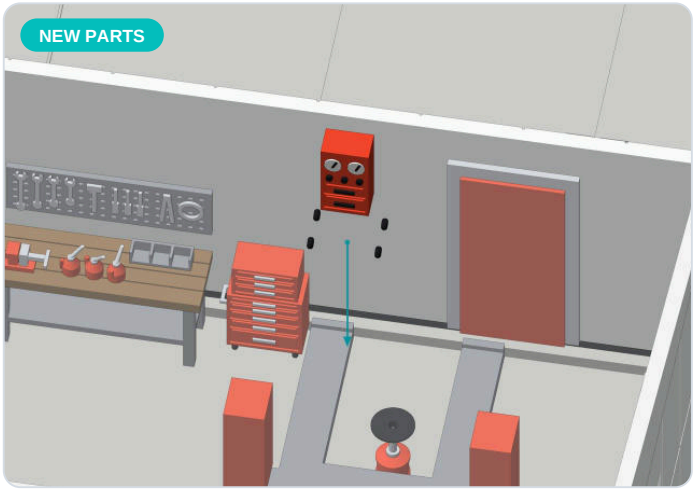


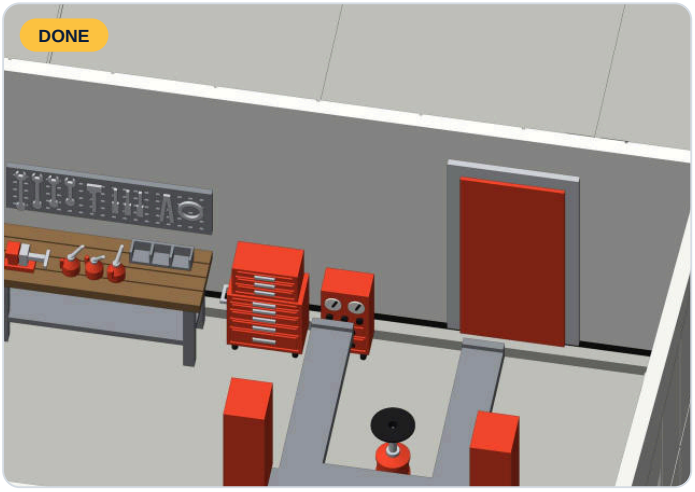


24

Step 24

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



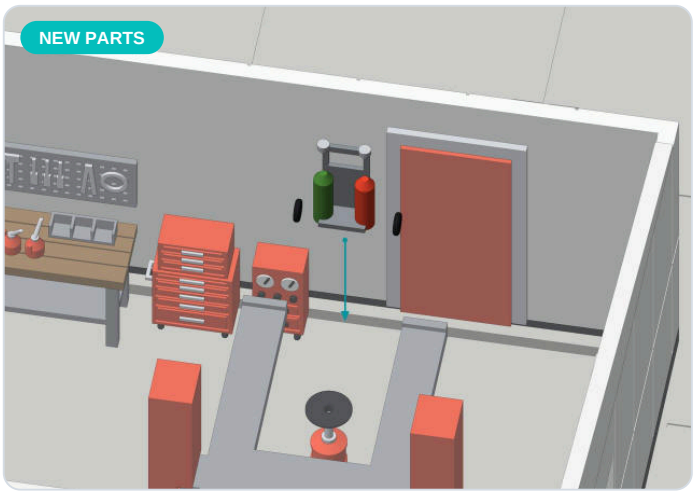


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25

Step 25

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

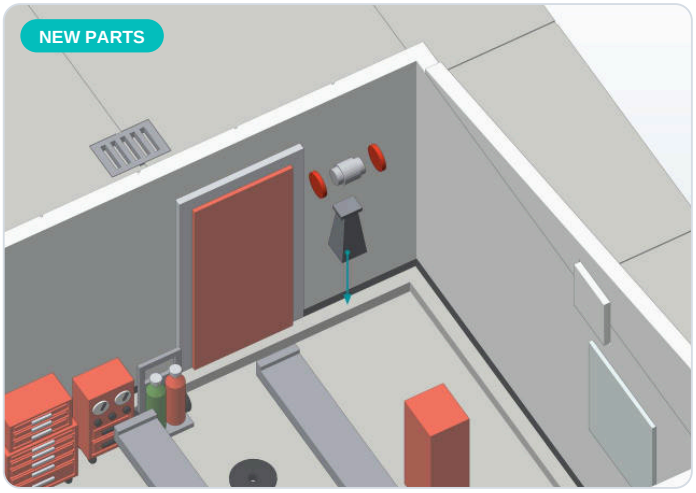


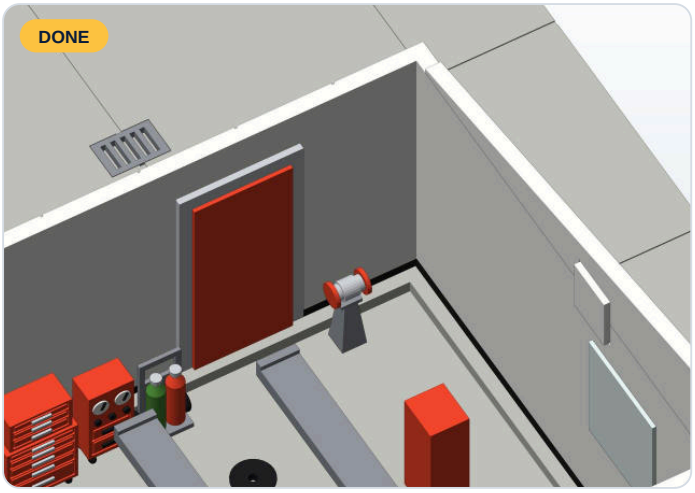


26

Step 26

Bench grinder: chrome motor onto the grey pedestal, an orange grinding wheel on the left and right. Place it to the right of the yard door.

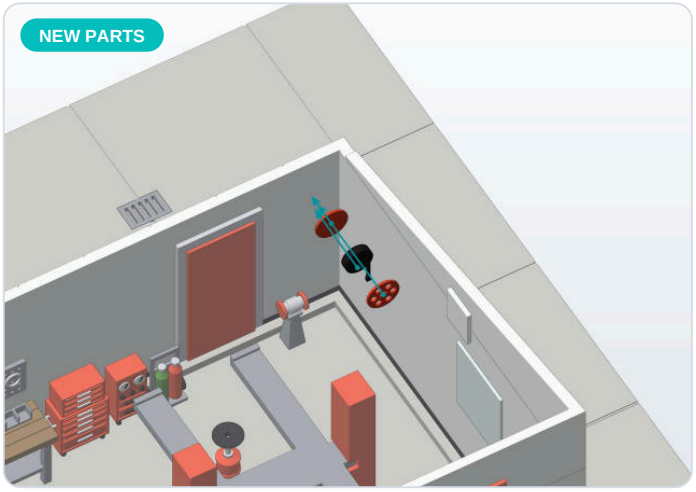


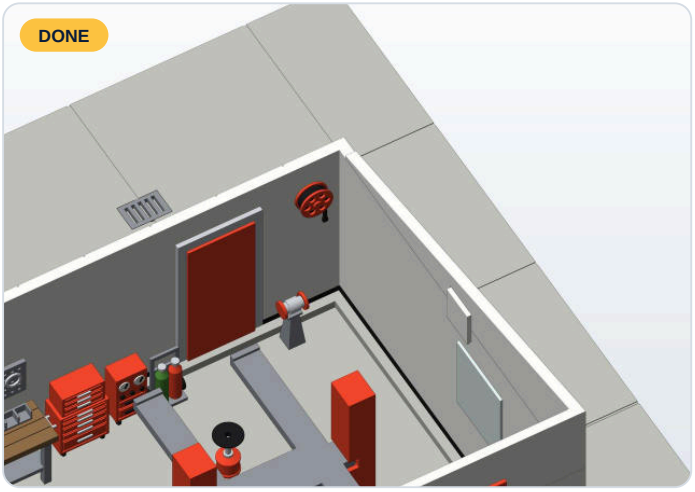


27

Step 27

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



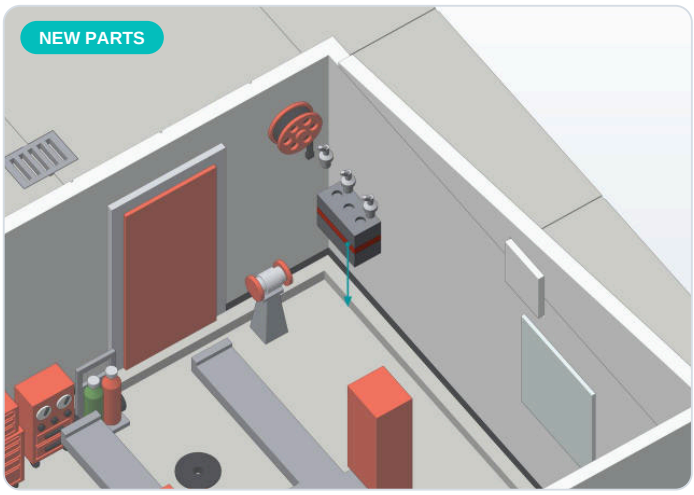


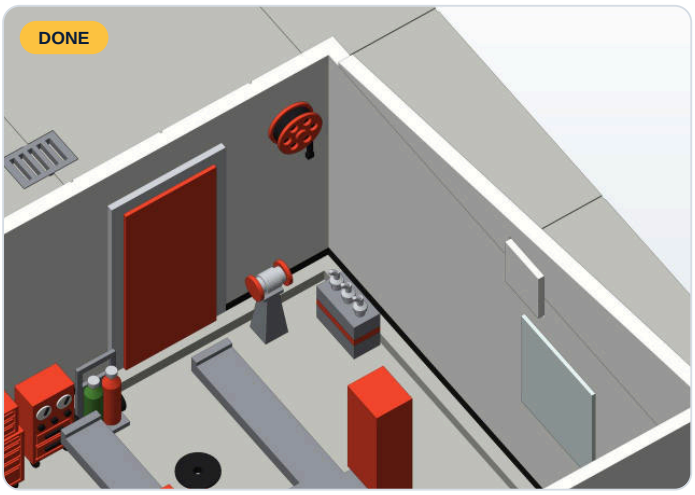
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Step 28

Oil bar: push the three chrome hand pumps into the holes of the cabinet. Place it against the right wall, below the hose reel.

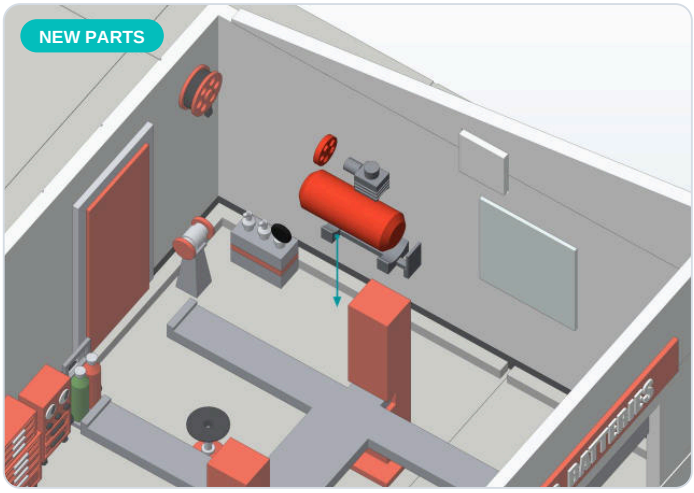


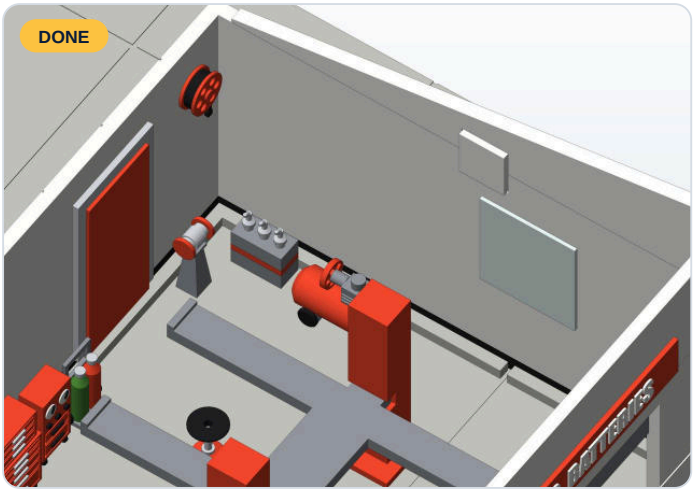


29

Step 29

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

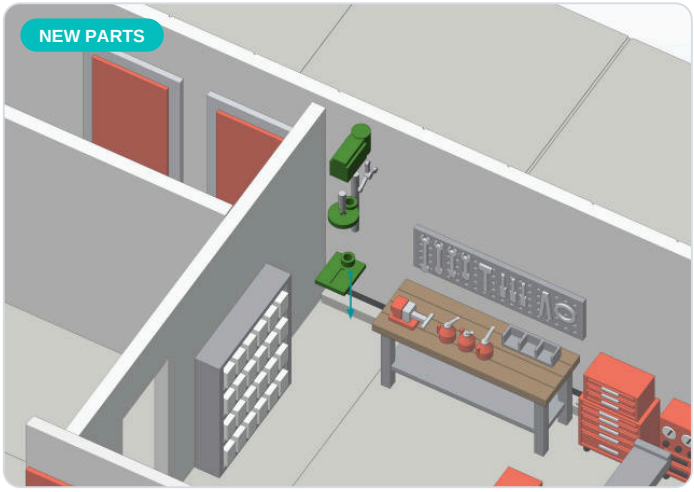


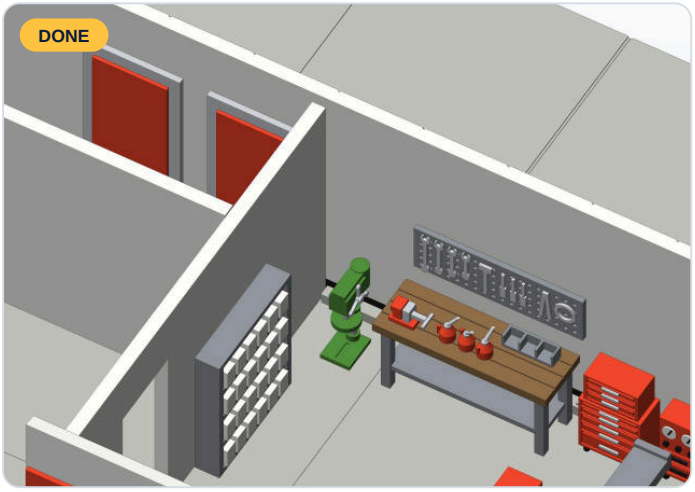


30

Step 30

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.



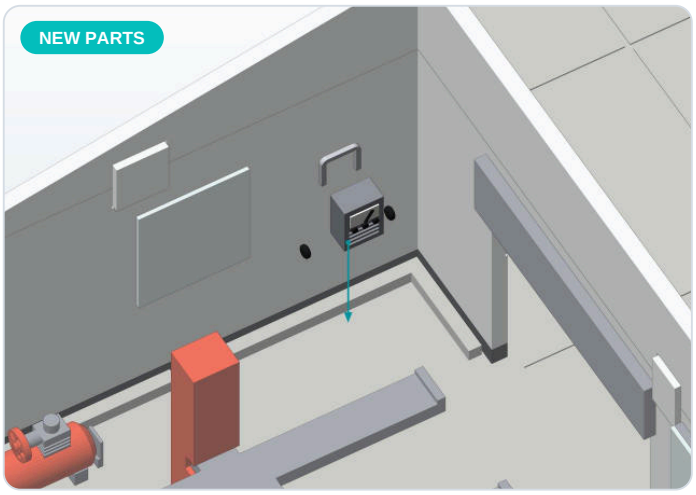


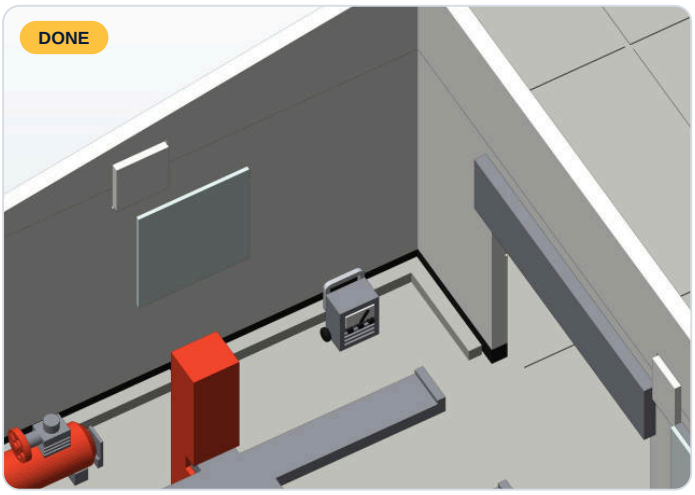
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31

Step 31

Seen from the rear: assemble the battery charger with carrying handle and two wheels and place it at the front against the right wall.

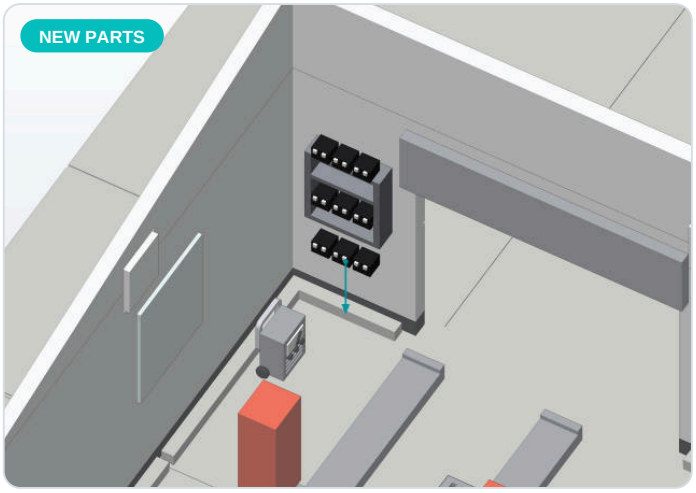


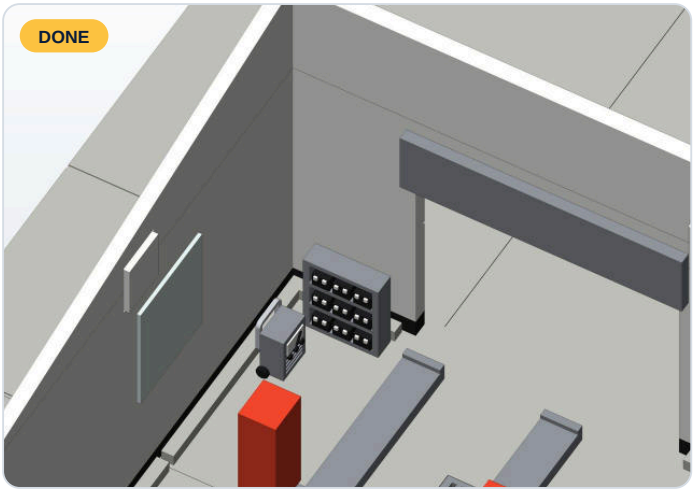


32

Step 32

Battery rack: glue the three rows of batteries into the compartments of the grey frame and place the rack on the inside of the front wall.

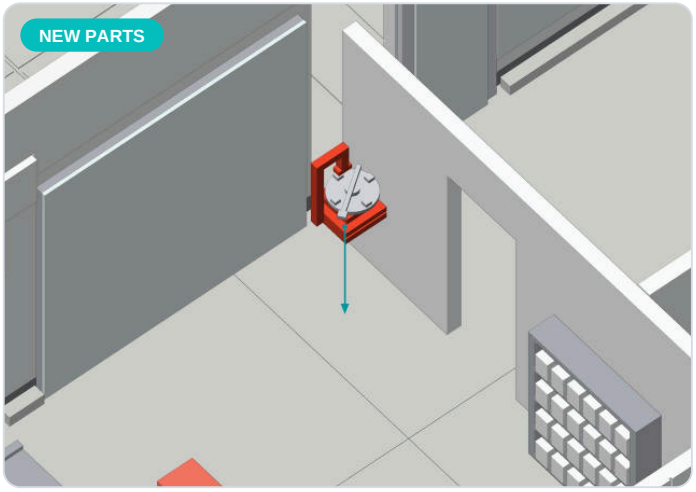




33

Step 33

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



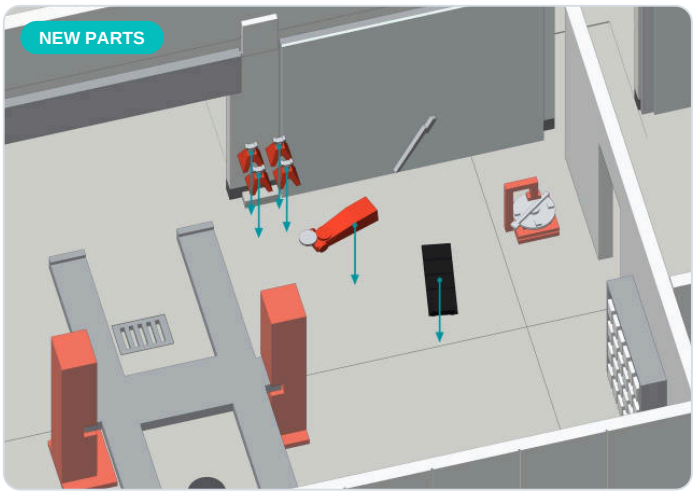


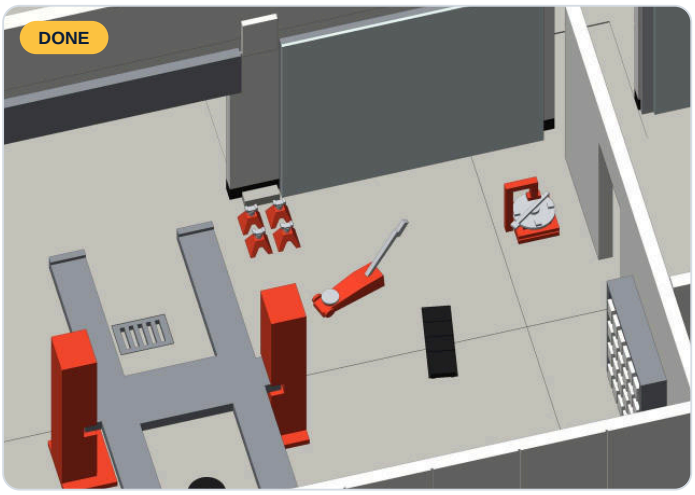
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34

Step 34

Assemble the floor jack from body, handle and saddle. Stand the four jack stands at the pier between the doors and lay the creeper in the left bay.

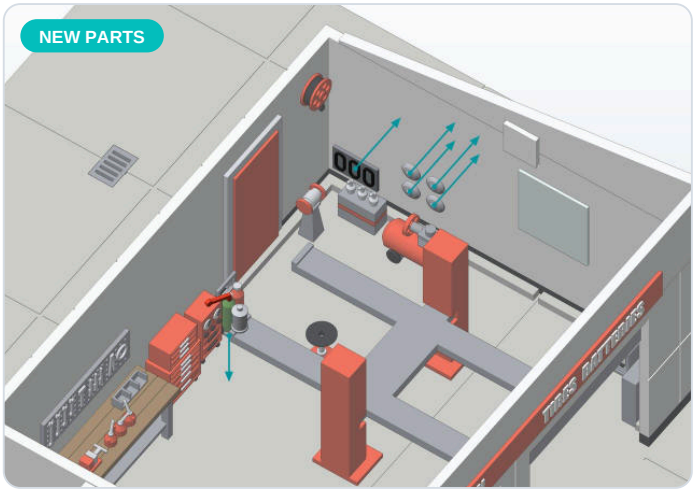




35

Step 35

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.

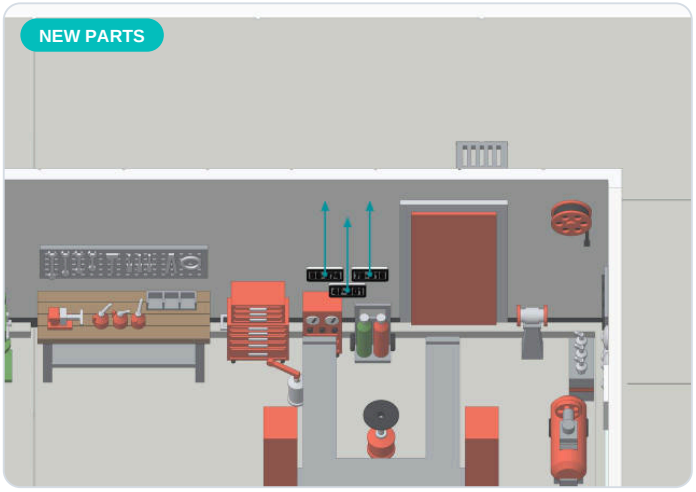


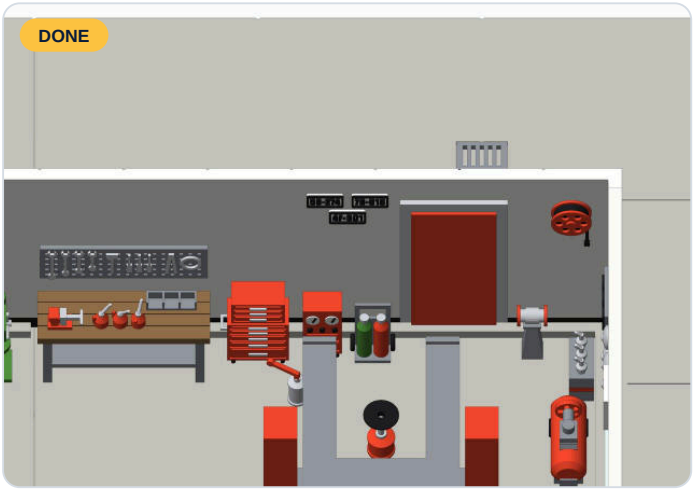


36

Step 36

Glue the three licence plates to the inside of the rear wall, above the engine tester and the welding cart.



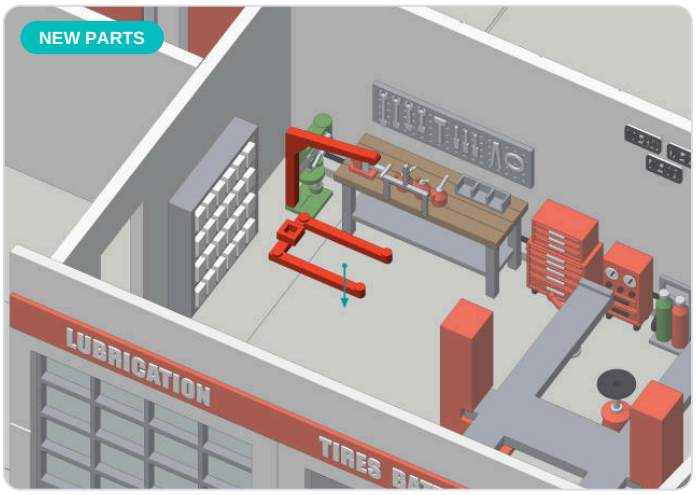


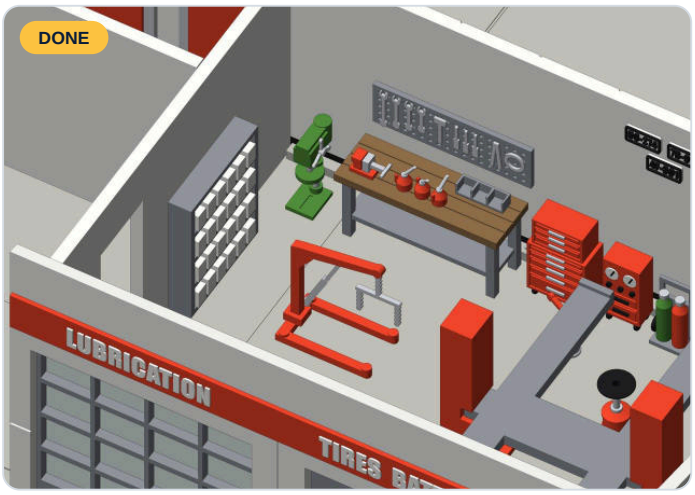
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37

Step 37

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.

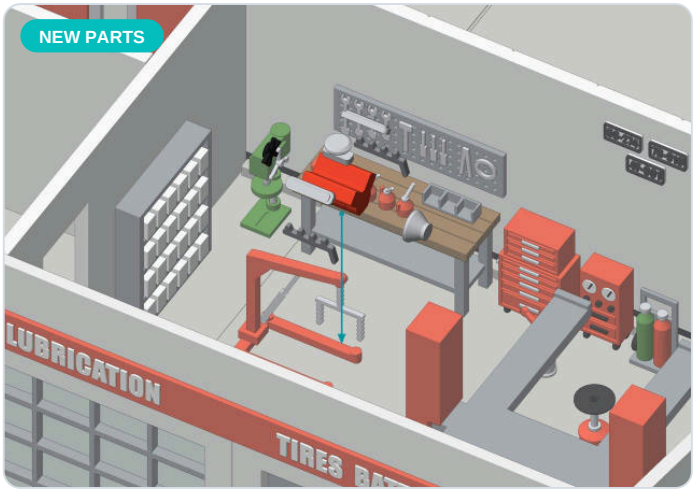


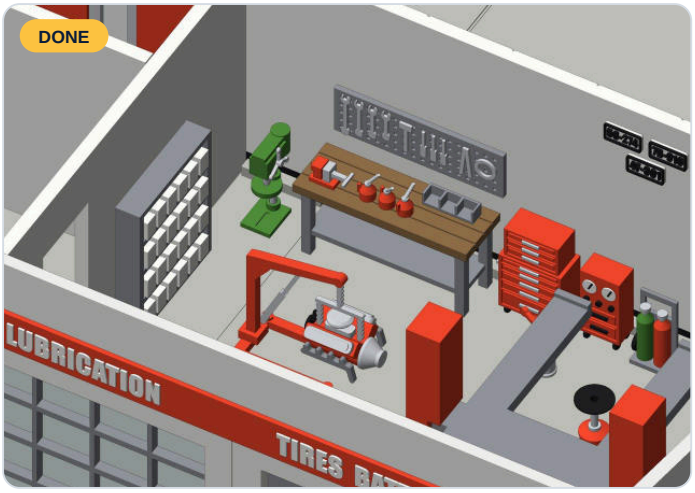


38

Step 38

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.

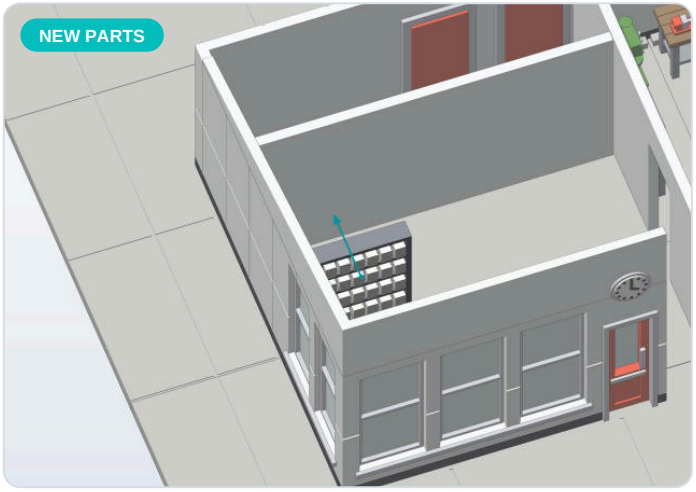


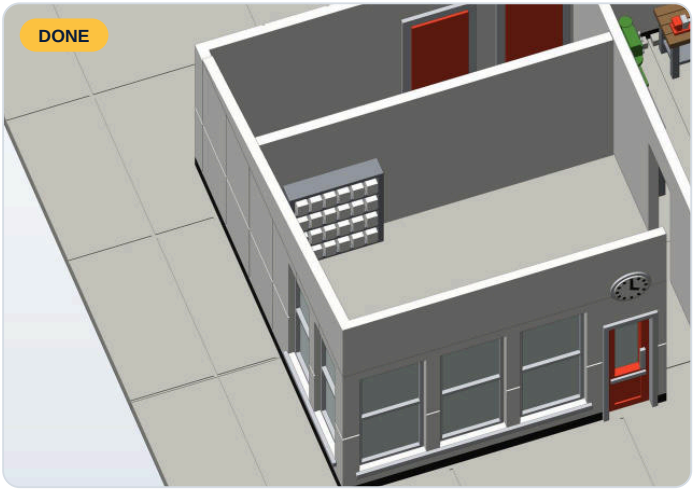


39

Step 39

Glue the second shelf with oil cans to the cross wall in the office.



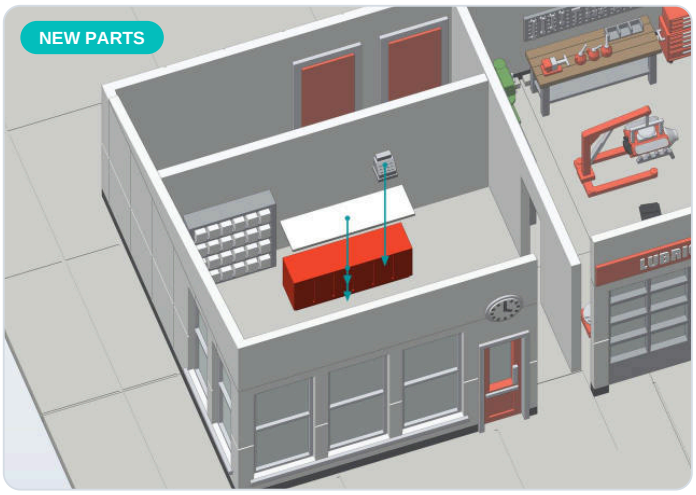


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40

Step 40

Place the counter in the office (grooves facing the glass front), glue the white top onto it and put the cash register on the right of the top.

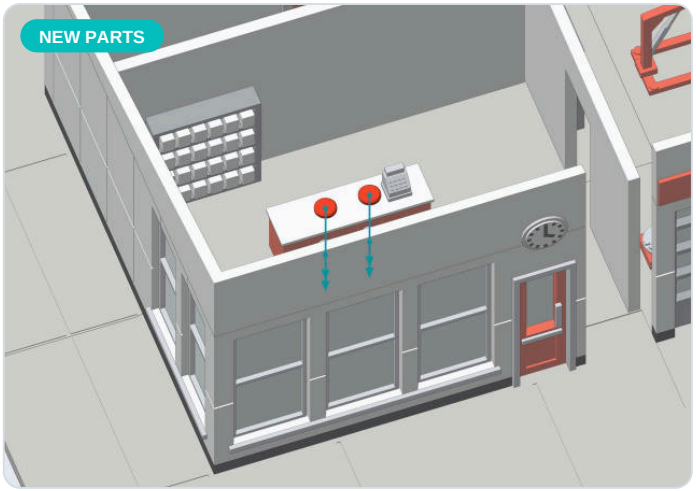




41

Step 41

Two stools: glue an orange seat onto each chrome base and place them in front of the counter.

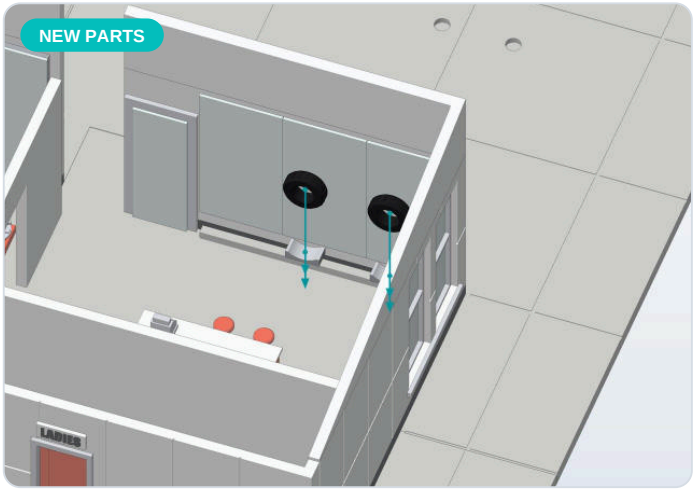


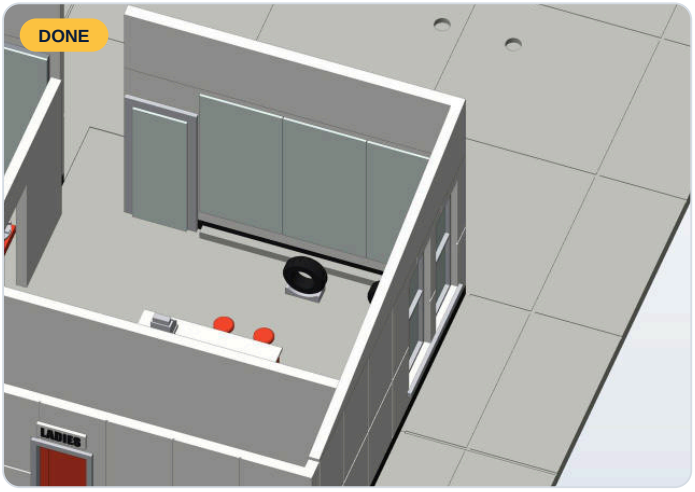


42

Step 42

Seen from inside: place the two chrome stands behind the glass front and glue one tyre upright into each cradle.



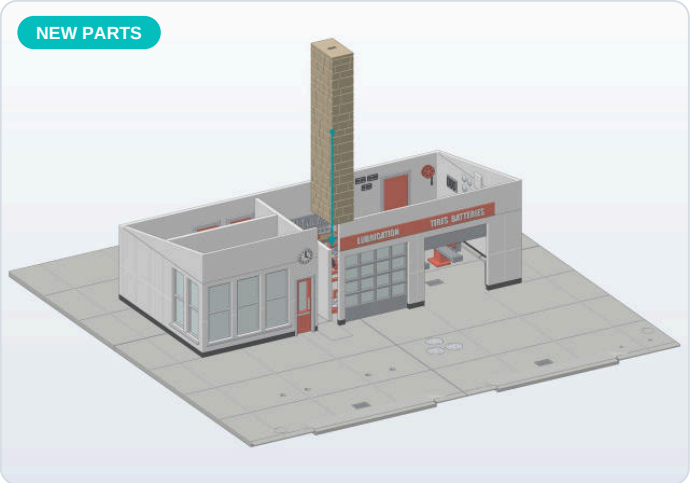


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43

Step 43

Stand the stone pillar in its pocket in the lot from above. It sits in the cut-out of the front wall between office door and workshop.

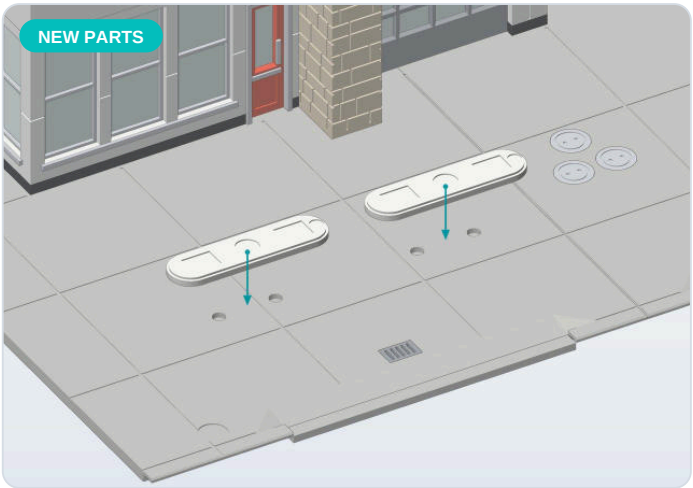


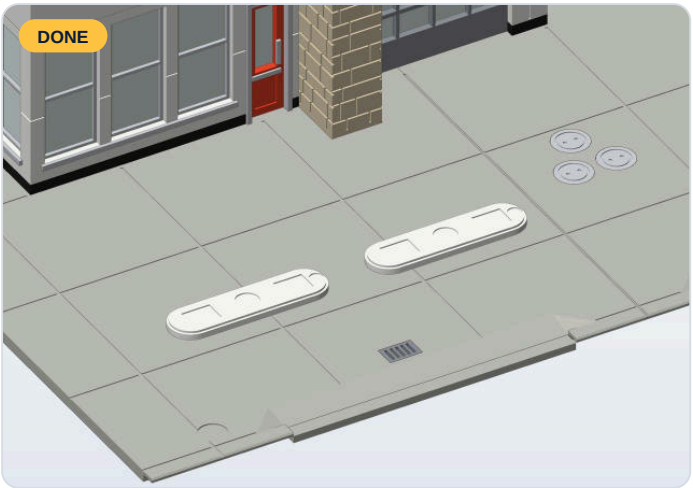


44

Step 44

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

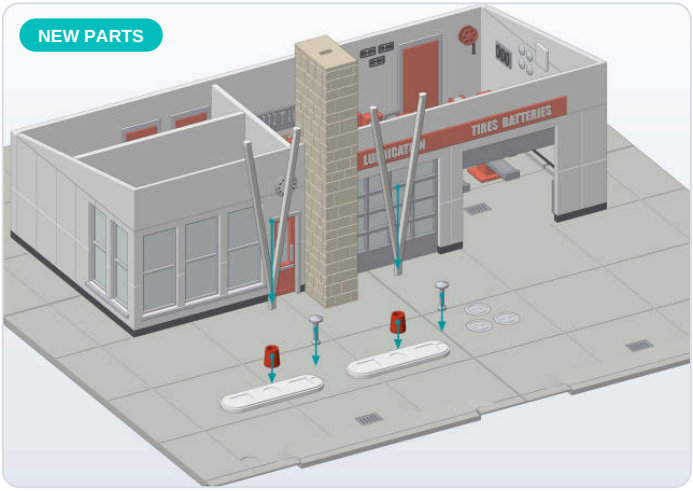




45

Step 45

On each island glue the orange cone foot into the round pocket (flat side of the hole facing the street) and push the peg of the V-column into it. The island light goes into the small pocket at the end of the island.





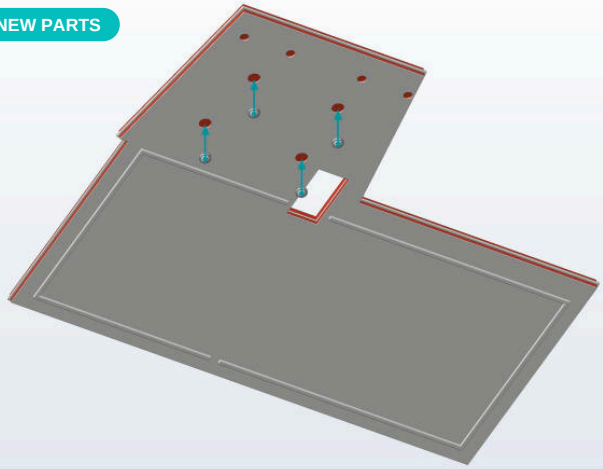
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46

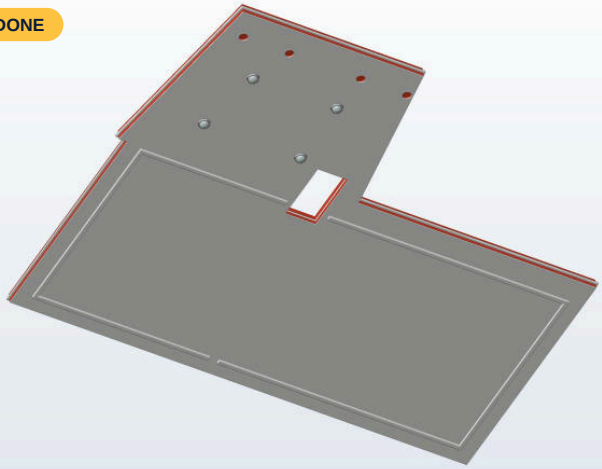
Step 46

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

NEW PARTS



DONE

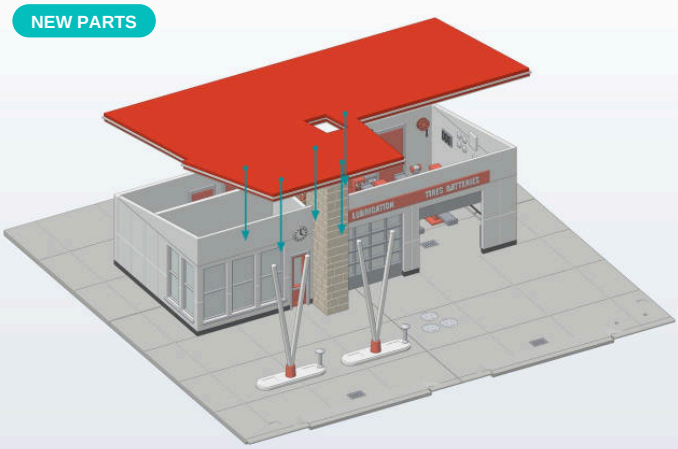


47

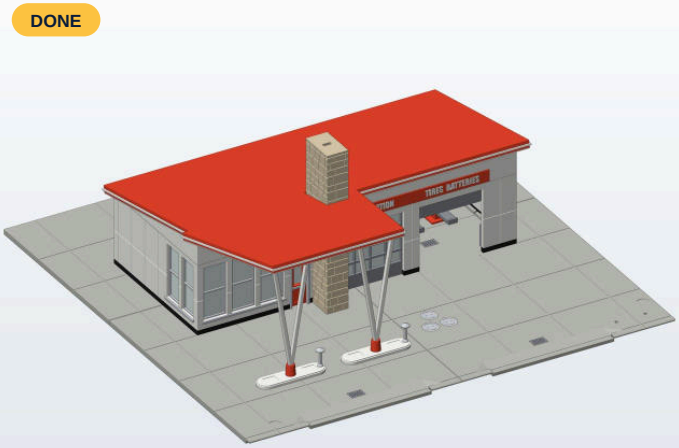
Step 47

Lower the roof plate over the pillar. The frame on its underside grips the walls and the heads of the V-columns sit in the pockets under the canopy. Do not glue it if workshop and office should stay accessible.

NEW PARTS



DONE

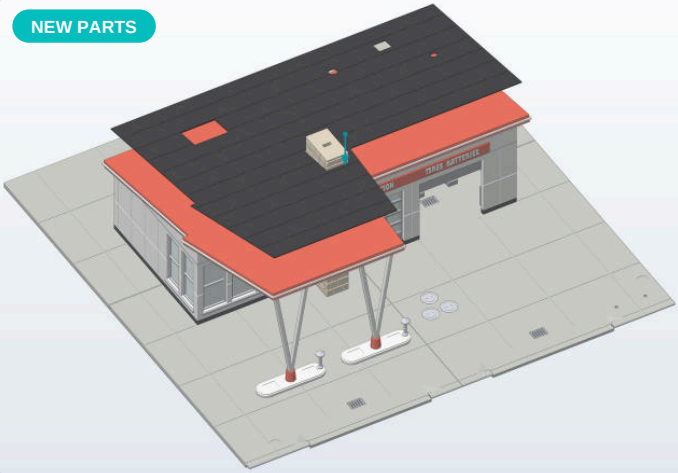


48

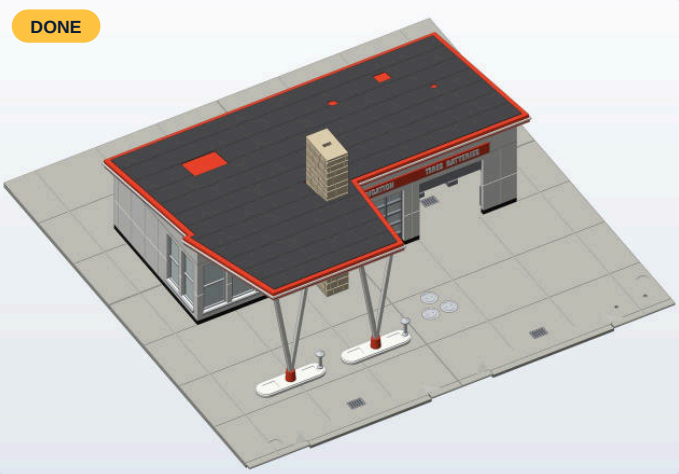
Step 48

Glue the dark roofing onto the top of the roof plate. An orange border of 3 mm stays free all around.

NEW PARTS



DONE

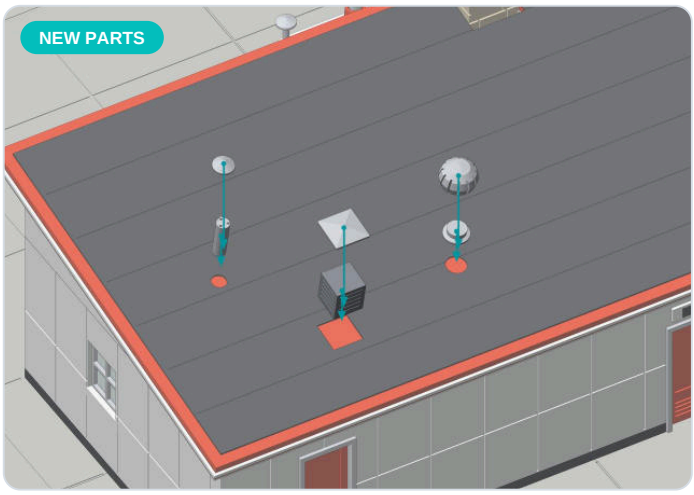


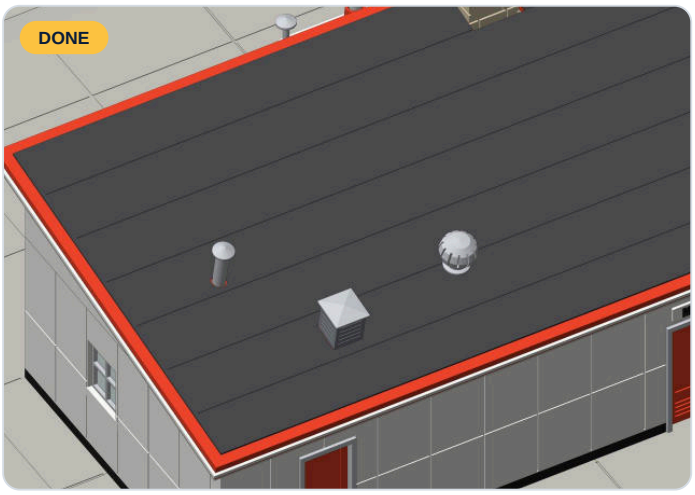
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49

Step 49

Seen from the rear: glue the turbine vent (head on base), the box vent with chrome cap and the exhaust pipe with rain cap into their cut-outs in the roofing. They stand perpendicular to the sloping roof.

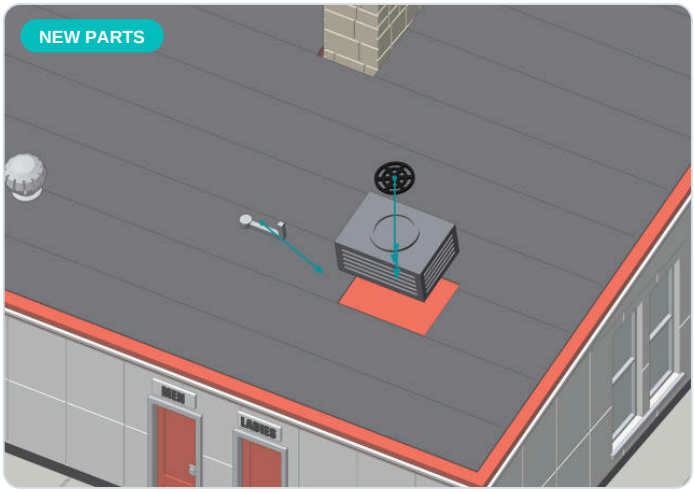


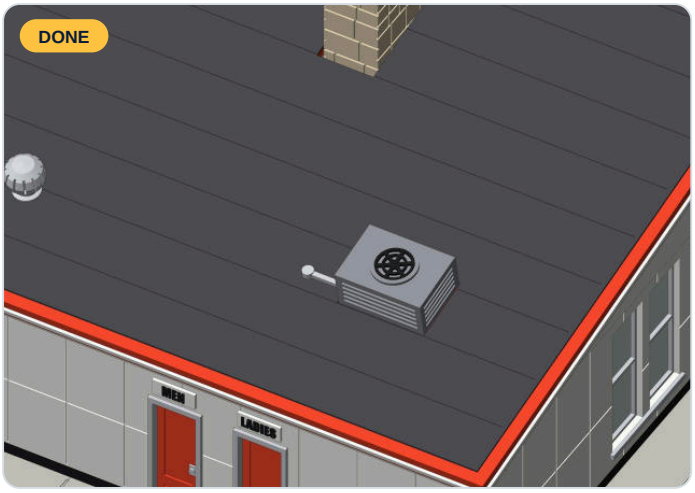


50

Step 50

Glue the air conditioner into the large cut-out of the roofing, the black fan grille into the ring on top and the chrome pipe to its side and onto the roof.

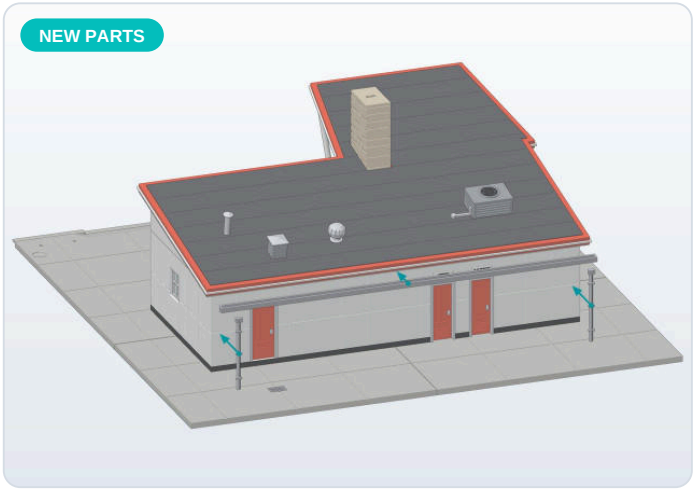


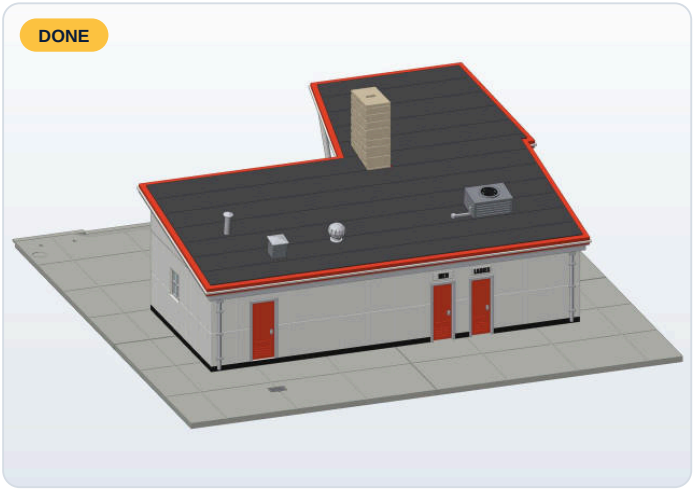


51

Step 51

Rear: glue the gutter under the rear edge of the roof and a downpipe to the rear wall below it at both corners of the building.



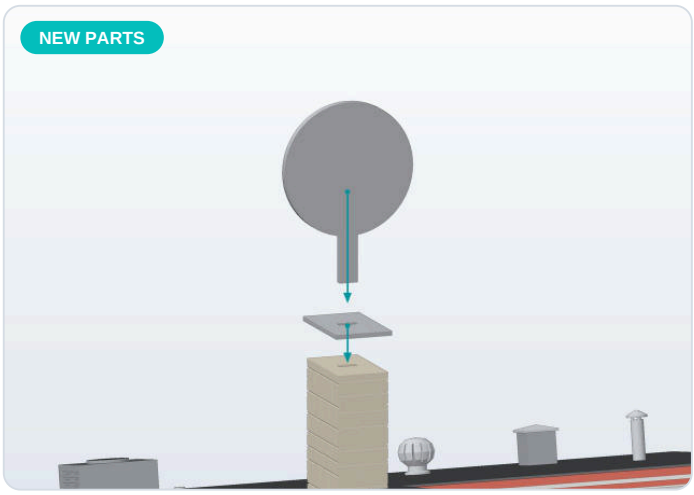


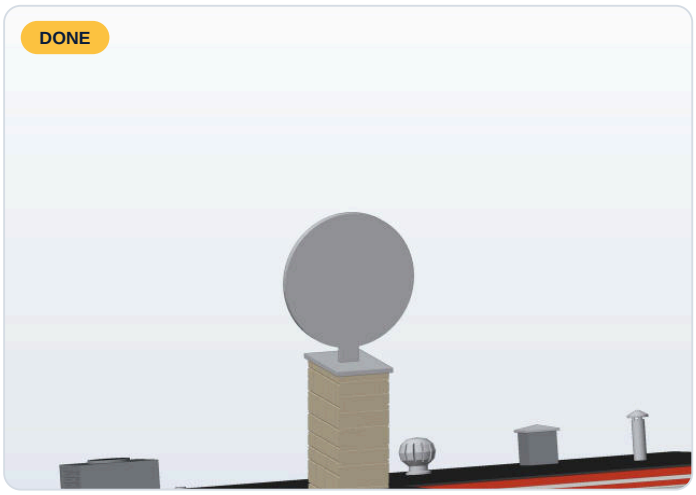
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52

Step 52

Glue the chrome cap onto the top of the pillar and push the sign bracket with its tab through the cap into the slot of the pillar.



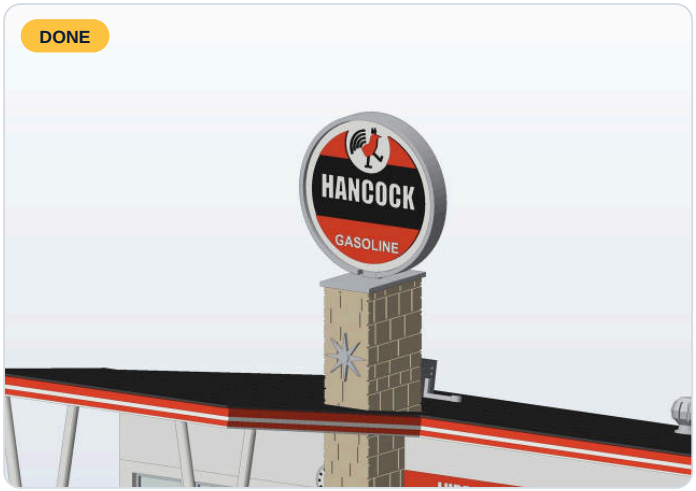


53

Step 53

Glue a brand sign to the front and back of the bracket and slide the chrome ring over them (gap pointing down). Glue the chrome star to the front of the pillar.

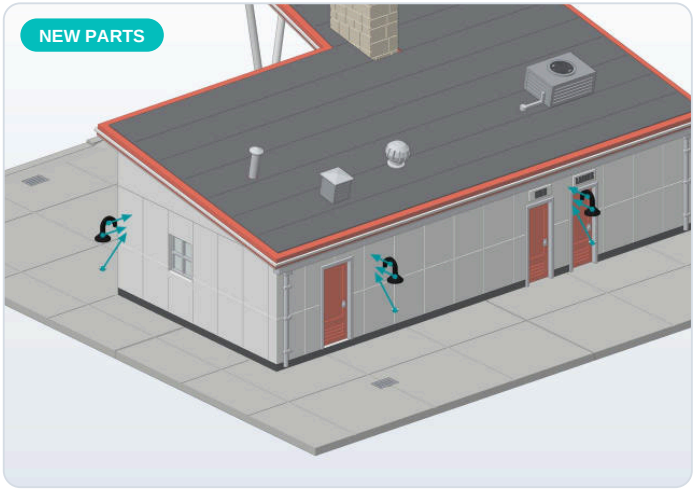


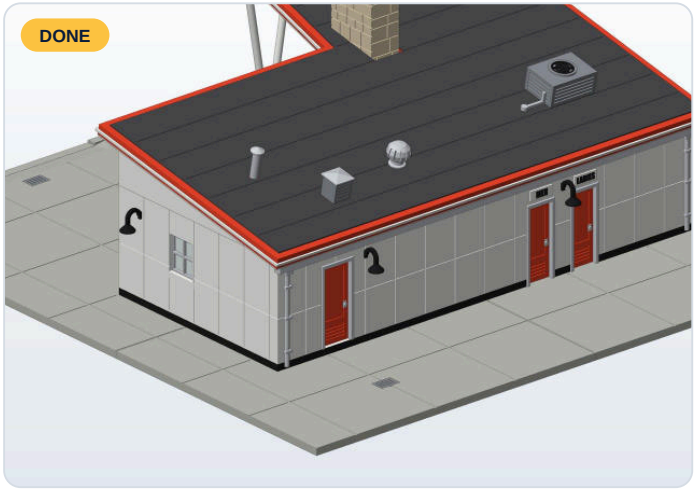


54

Step 54

Three wall lamps on the rear and right wall: arm with its plate to the wall, shade under the end of the arm, glass bulb with its flat side under the shade.



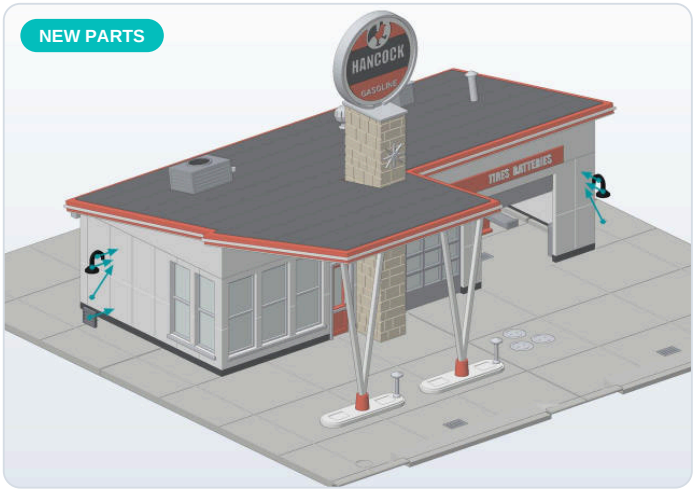


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55

Step 55

Two more wall lamps in the same way: one at the front right next to the open door, one on the left wall. Glue the small vent grille low onto the left wall.

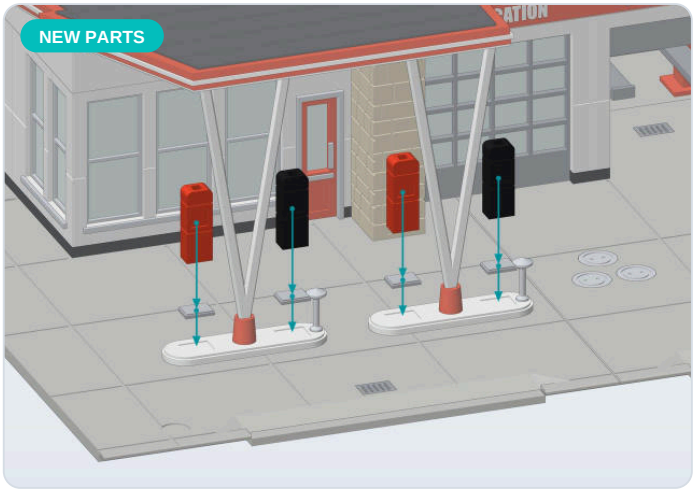


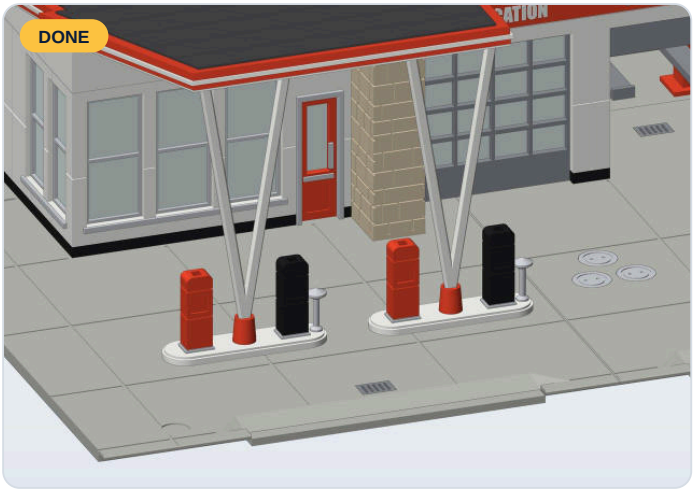


56

Step 56

Four pumps: glue a chrome base into each island pocket and the housing onto it – on each island an orange one on the left and a black one on the right.

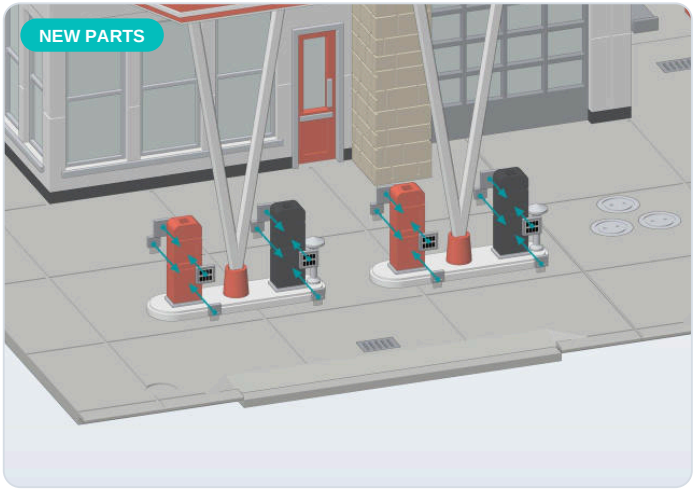




57

Step 57

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



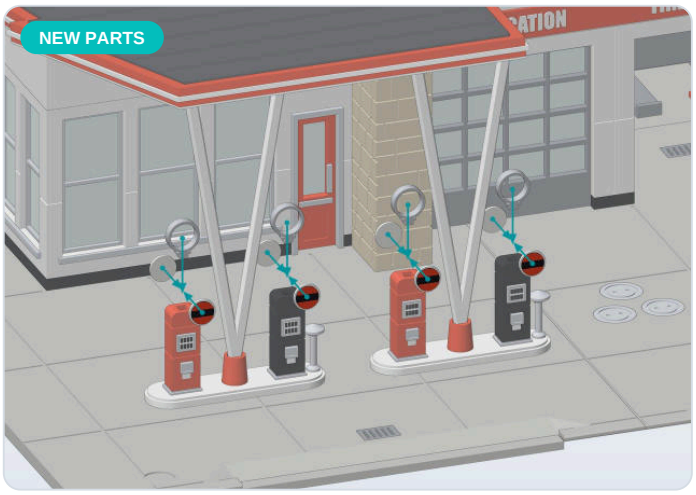


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58

Step 58

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.

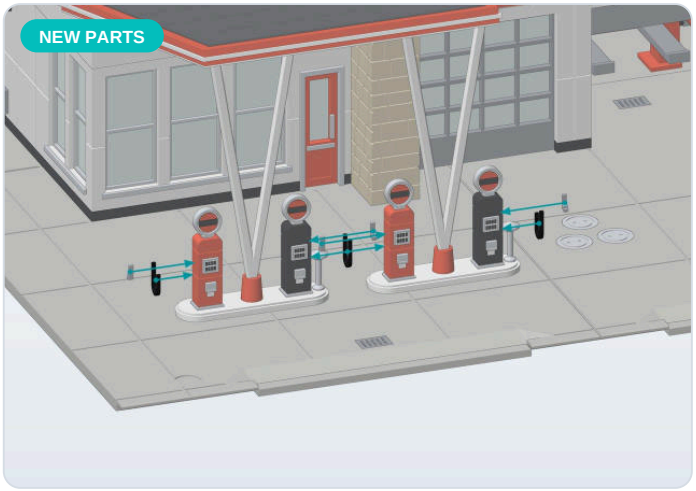




59

Step 59

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

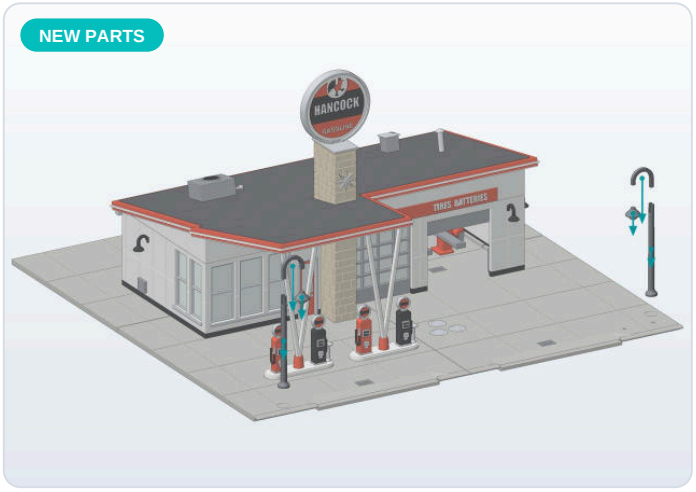




60

Step 60

Two street lamps by the road: 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.



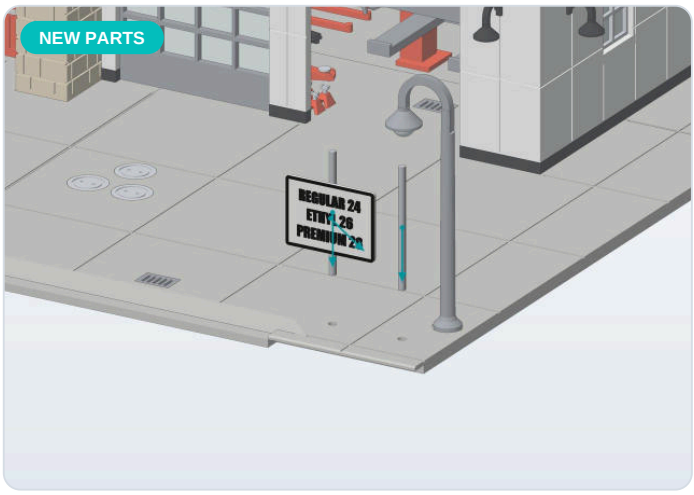


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61

Step 61

Price board: glue the two chrome posts into the holes on the right by the street and the board to the front of the posts.





62

Step 62

Stretch the pennant line from the pillar to the right street lamp and glue it at both ends.

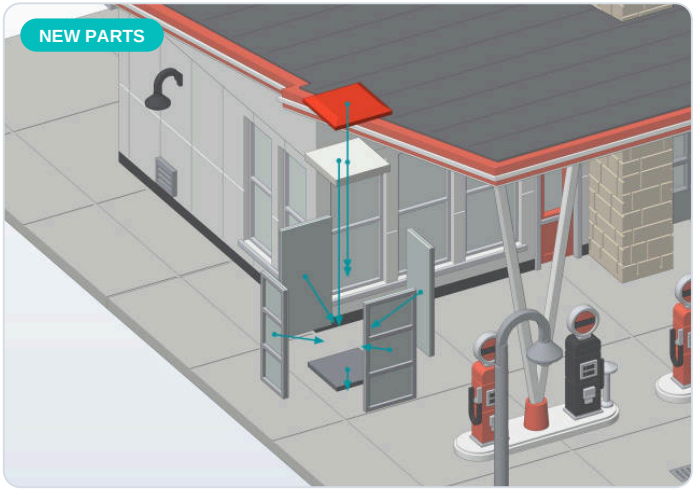




63

Step 63

Phone booth: glue three walls onto the base, the telephone to the inside of the rear wall, then the fourth wall. On top the white roof band and the orange cap.

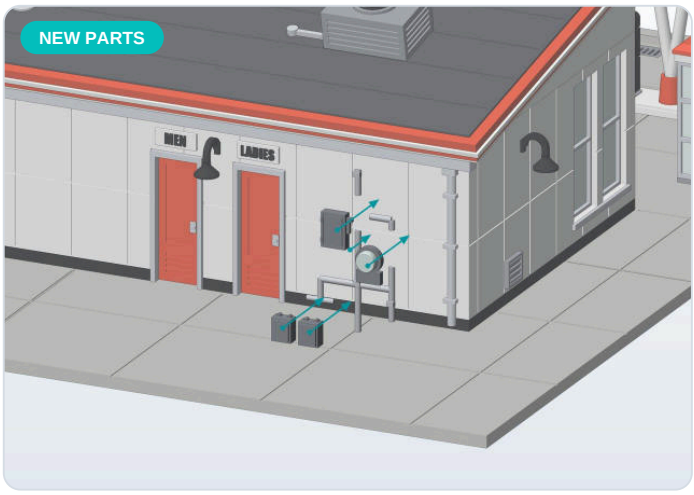


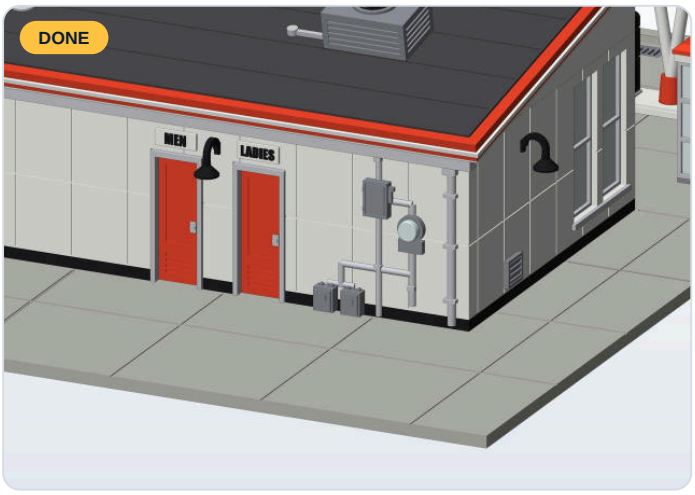


64

Step 64

Rear wall, left: 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.

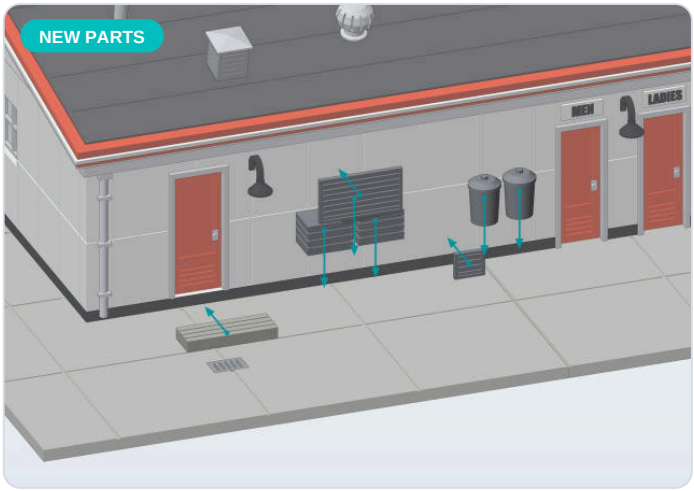


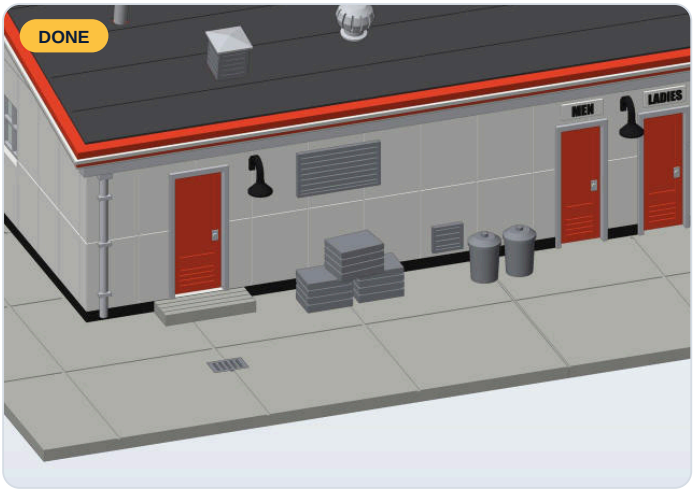


65

Step 65

Rear wall: glue on one large and one small vent grille and the step in front of the back door. Stand three crates and two bins against the wall.

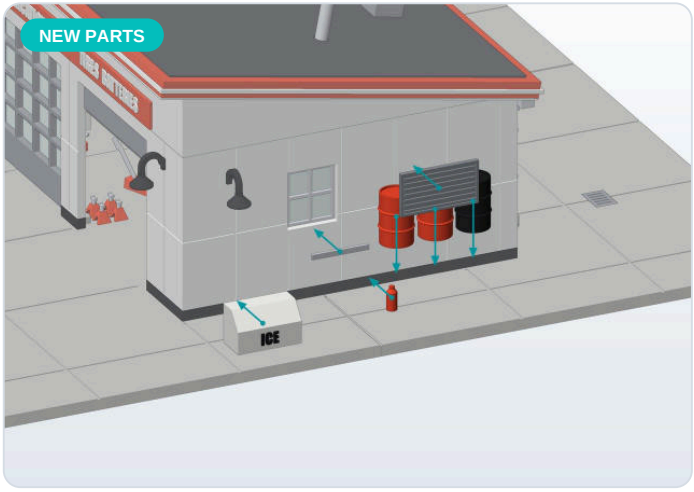




66

Step 66

Right side: stand the ice chest against the wall, sill under the workshop window, the large vent grille and a fire extinguisher on the wall. Stand three oil drums next to them.



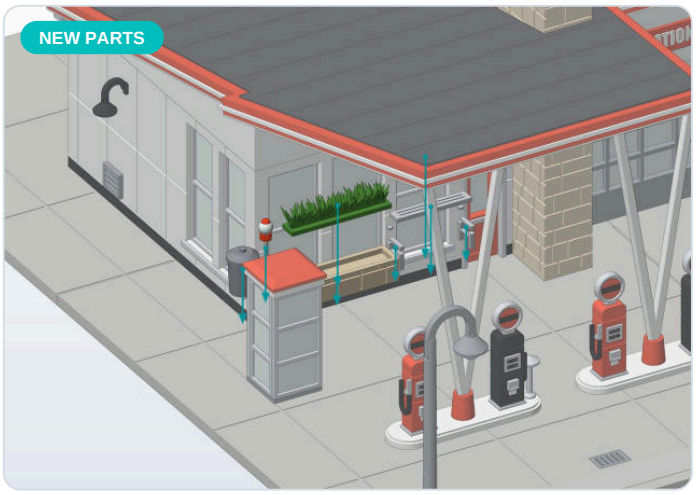


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67

Step 67

In front of the office: stone planter with bush under the shop windows. Bench next to it: seat and back into the slots of the two ends, the back stands against the wall. Gumball machine and bin at the corner of the building.

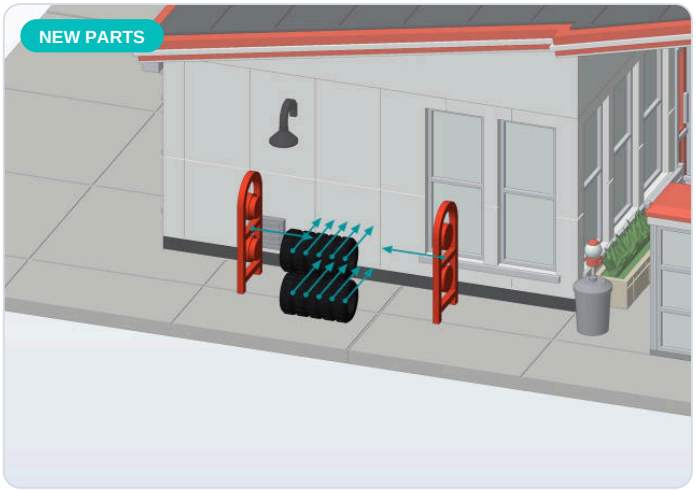


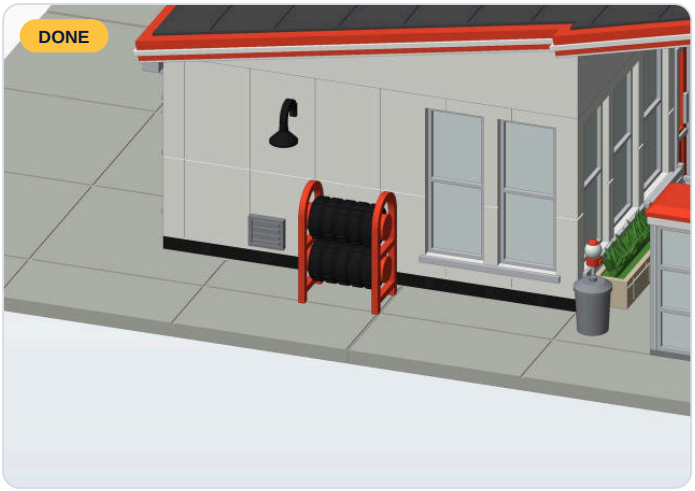


68

Step 68

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

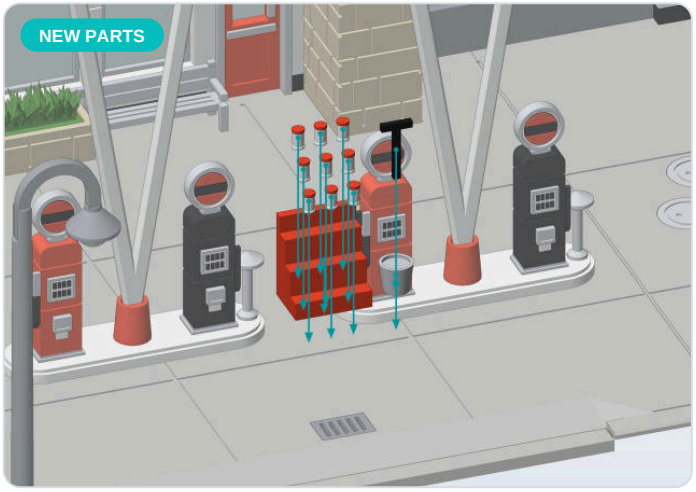




69

Step 69

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





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70

Step 70

Drinks machine and fire extinguisher at the right pier of the workshop. Air tower on the forecourt, the air hose on its side. Lean the two boards of the A-frame sign together at the top and place it at the curb.

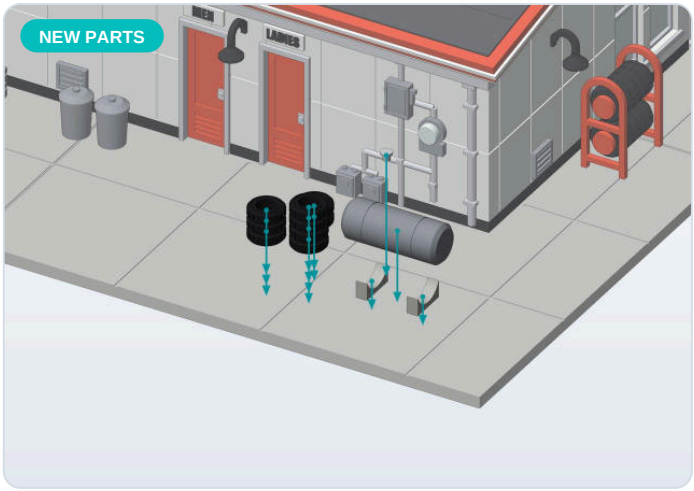


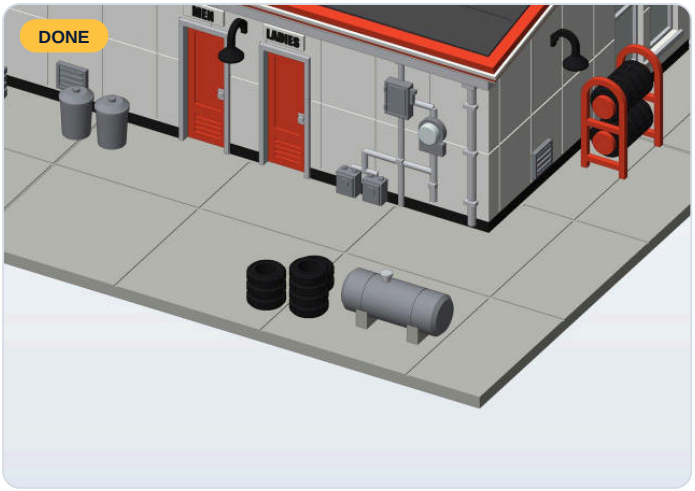


71

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.

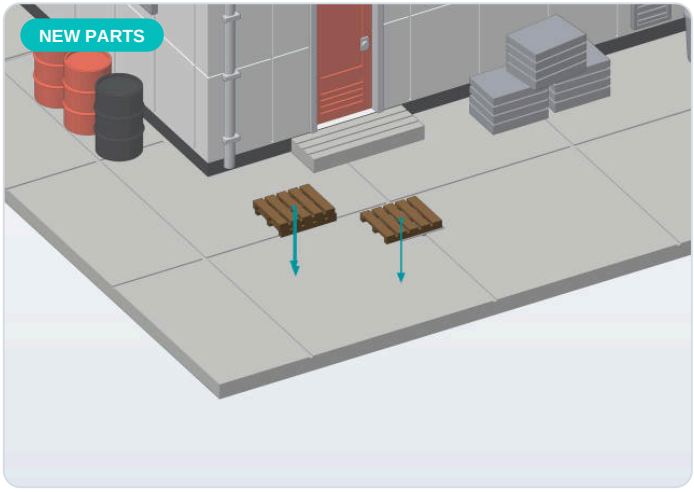


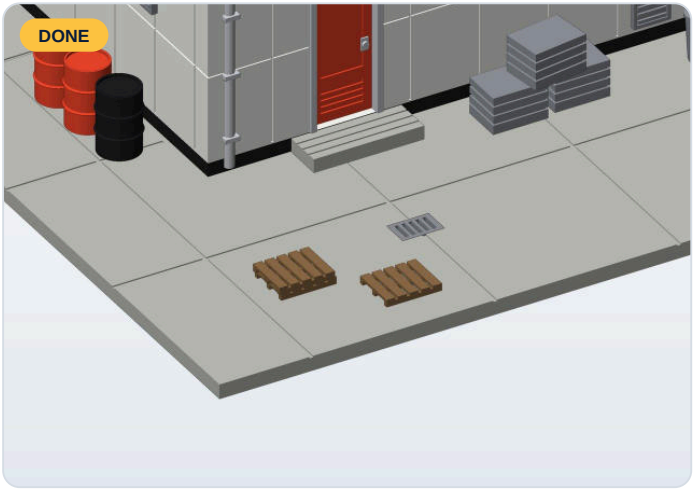


72

Step 72

Lay the three pallets in the yard at the rear right, two of them stacked.



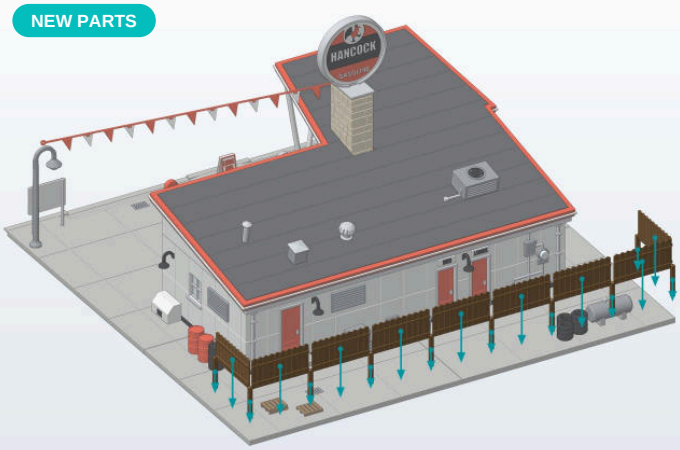


73

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 service station!

NEW PARTS



DONE



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