

## **76922 BMW M4 GT3 & BMW M Hybrid V8 Race Cars**

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Boys and girls aged 9+ will love to own this fantastic double pack of buildable LEGO® Speed Champions BMW vehicle toys: the M4 GT3 and the M Hybrid V8 (76922). The LEGO car building set with 2 detailed models is perfect for both kids and adult collectors to build, display and stage amazing races.

The BMW M4 GT3 and BMW M Hybrid V8 replica models both include authentic design details from the real-life versions, including tailpipes, diffusers, rear wings, the BMW M Motorsport livery and interior features. The toy race cars both come with a removable roof and a driver minifigure for kids to place inside for racing action.

Speed Champions sets let kids and passionate car fans build replica versions of some of the world's most iconic vehicles. They will be thrilled to create high-quality models from LEGO bricks, featuring distinctive details. Each car toy can be created with the LEGO Builder app, which guides you and your child on an easy and intuitive building adventure.

- 2 BMW toy vehicles for kids – LEGO® Speed Champions BMW M4 GT3 & BMW M Hybrid V8 Race Cars for boys and girls aged 9+ and adult car-model collectors
- 2 minifigures – Each of the set's BMW buildable cars comes with a driver minifigure with a helmet, wig and a wrench for kids to place behind the wheel and race around the track.
- Authentic BMW M Motorsport design – Each LEGO® BMW toy car features details from the real-life versions, including tailpipes, diffusers, rear wings, the BMW M Motorsport livery and interior features.
- Display models – After kids have taken their buildable models for a drive around the track, they can proudly display them on a shelf or bedside table.
- Car gifts – Buildable car kit provides a fun build-and-play experience and is a car gift for kids aged 9+ or adult car-model collectors.
- Bigger racing adventures – Discover more LEGO® Speed Champions cars, sets sold separately.
- Play-and-display iconic car models – LEGO® Speed Champions sets let kids and passionate car fans build replica versions of some of the world's most iconic vehicles.
- Measurements – This 676-piece building set features the BMW M4 GT3 model, which measures over 2.5 in. (6 cm) high, 6.5 in. (16 cm) long and 2.5 in. (7 cm) wide.

On the front of the box, there's a racetrack. In the background, there are blurry stands with people watching, and the sky on the right looks red, like a sunset!

At the top left, there's the LEGO logo with the words SPEED and CHAMPIONS in white. On the right, there's the round BMW logo and the word Motorsport!

In the middle, over the track, are two race cars: the BMW M4 GT3 and the BMW M Hybrid V8 Race Cars!

On the back of the box, there are different pictures. The largest one at the top shows two cars from behind on the track!

On the right side, with a black background, there's the BMW and Motorsport logo and two cars, one below the other seen from the side. We can see the front and the driver's side! Below the big picture, there's a box showing the seat and steering wheel of the BMW M4 GT3 car. Next to it, we can see the BMW M Hybrid V8 from the front!

The building set is 676 pieces in total and is for ages 9+.

Bag 1 includes the pieces for the first driver and the BMW M4 GT3 car

Bag 2 includes the pieces for the BMW M4 GT3 car

Bag 3 includes the pieces for the BMW M4 GT3 car

Bag 4 includes the pieces for the BMW M4 GT3 car

Bag 5 includes the pieces for the second driver and the BMW M Hybrid V8 car

Bag 6 includes the pieces for the BMW M Hybrid V8 car

Bag 7 includes the pieces for the BMW M Hybrid V8 car

Welcome to text-based instructions from Bricks for the Blind. Before you start building, here are some terms we'll be using:

- In Front of/Front: towards you.
- Behind/Back: away from you.
- Up: towards the ceiling.
- Down: towards the floor.
- Stud: the bump on a LEGO brick. Example: A 2x1 brick has two studs on it.
- Vertically: with the longest side going from front to back
- Horizontally: with the longest side going from left to right.
- Upright: pointing up towards the ceiling.
- Standing upright: The piece is perpendicular to the ground, like a wall.
- Lying flat: The piece is parallel to the ground, like a piece of toast which fell off the table.
- That one/ppp: previously placed piece.
- Plate: piece with studs.
- Tile: smooth piece without studs (unless otherwise specified)
- A jumper plate is a 1x2 plate with a single stud on top, or a 1x3 plate with only two studs on top.
- "Anti-stud" is a term for the portion of a LEGO piece which accepts studs, like the bottom of a plate or brick.
- Symmetrically: a mirror image. Example: If you place a 2x1 brick with technic connector on the front wall at the right, connector to the front, and then place another such piece symmetrically on the back wall, at the right, the technic connector of the second piece should point to the back, since it will be placed symmetrically.
- Centered-vertically: even amount of space in front of and behind piece
- Centered-horizontally: even amount of space left and right of piece.
- Row: studs lined up horizontally (left to right/side to side).
- Column: studs lined up upright or vertically (top to bottom/back to front).

A note on LEGO Technic™ part names. These parts are somewhat different from regular LEGO bricks. Here are some definitions in case the builder or helper is not familiar with LEGO Technic™.

**Axles** - An axle is a connector which has an X shaped cross-section. Because their cross section is not round, anything connected to an axle using an axle-hole will rotate with that axle. Axles are longer than they are wide, and the length of an axle corresponds with how many bricks long it is. Aka a 3L axle is three bricks long. Axles come in a variety of lengths, with a 2L axle being the shortest available. They may be combined with pins, or have circular stops on them. A stop prevents the axle from sliding through an axle-hole at a specific point on the axle.

**Pins** - A pin is a connector which has a circular cross section and a flanged notch out of one or both ends. This flanged notch allows them to click into bricks with a pin-hole. Pins come with and without friction ridges, which are small bumps on the pin which prevent them from rotating freely. For standard pins, black is a high friction pin, and gray is a low friction pin. A standard length pin is two brick lengths long, with a stop in the middle. This prevents a brick from being pushed from one side of the pin to the other. A 1L pin is one brick long and still retains the stop, however it also includes a hollow stud at the other end. A 3L pin is three bricks long, and only contains a stop at one side, allowing two bricks to be pushed onto the other side of the pin. Pins may also have one side which is an axle.

**Technic brick** - a brick which contains one or more holes which accept technic pins.

**Lift-arms** - A lift-arm is a basic structural element, similar to a brick or a plate, but usually without any studs. It is a beam with rounded ends and with holes in it, with the same spacing as the studs on a LEGO brick. lift-arms come in a variety of lengths, including a 1x1 lift-arm which looks like a cylinder. Thick lift- arms are as wide as a LEGO brick, and thin lift-arms are half as wide as a LEGO brick, but not the same thickness as a LEGO plate! The holes in a lift-arm arm may accept axles or pins. They also come in a variety of shapes, including tees, ells and triangles.

**Gears** - A gear is a functional element. They are typically discs with teeth on the outside, there are also worm gears which look like a spiraling cylinder! Gears connected by axles transmit or even transform rotational motion!

**Axle and Pin Connectors** - These elements are typically smaller than lift-arms and are used to connect some combination of pins or axles. They might have pins or axles, as well as axle or pin-holes. They have a lot of different angle combinations! The simplest just connects two axles or pins together in a straight line.

**Bushes/Bushings** - LEGO Technic™ uses bushes largely as spacers, but they also can reduce friction between rotating parts, or can form useful elements such as handles. Bushes are typically light gray, generally cylindrical, and have an axle-hole running through the middle. They have a flange at the front and back to make them easier to pull on and off

For builders with low vision, or a sighted building partner who may want to follow along with the printed visual instructions that come with each kit, PDF versions are always online at LEGO.com: (<https://www.lego.com/en-us/service/building-instructions/76922>). As low vision users may benefit from viewing the instructions on a personal device where they can zoom in on content and use assistive technologies to enhance the visuals.

#### Sorting the pieces:

To begin a successful build, it helps to sort the pieces into groups, bags or small containers. Have a sighted friend or family member do this in advance following the instructions below. You will see that the pieces should be sorted into groups according to the building steps in the set. Doing this in advance makes locating the pieces easier. See below on how to sort the pieces to correspond to the steps in this set. Number the containers using letters A-Z, numbers or meaningful names. The parts will be collected into a small number from steps in the instructions. Example: Steps 1-3 means collecting all the parts used in steps 1, 2 and 3, and putting them in one container. This set comes with 7 labelled bags, 2 instruction booklets and 2 sheets of stickers. The first instruction booklet contains the instructions to build the BMW M4 GT3 race car, and the second instructions booklet contains the instructions to build the BMW M Hybrid V8 race car. Note that the steps begin again from 1 upon completion of each race car.

Sort the pieces into groups as described below. Note that where there are multiple colors of the same brick in a step, the colors will be split across two groups to make telling the difference easier for the builder!

LEGO includes a few spareparts in case you lose something. Set these into their own group away from the rest, in case you need them later.

#### Book 1: BMW M4 GT3

##### Bag 1

Group 1: driver minifigure pages 4 and 5.

Group 2: steps 1-7

Group 3: steps 8-10

Group 4: steps 11-12

Group 5: steps 13-16

Group 6: steps 17-21.

Group 7: step 22.

Group 8: steps 23-26.

##### Bag 2

Group 9: steps 27-29.

Group 10: steps 30-42.

Group 11: steps 43-44.

Group 12: step 45.

Group 13: steps 46-50.

Group 14: steps 51-52.

Group 15: steps 53-57.

Group 16: step 58.

Group 17: steps 59-60.

Group 18: steps 61-62.

Bag 3

Group 19: steps 63-64.

Group 20: steps 65-78.

Group 21: steps 79-87.

Group 22: steps 88-93.

Group 23: step 94.

Group 24: steps 95-99, includes pieces from bag 3 and 4.

Bag 4

Group 25: steps 100-121.

Group 26: step 122.

Group 27: steps 23-29.

Group 28: step 30.

Group 29: step 131.

Group 30: steps 132-136.

Group 31: step 137.

Group 32: step 138.

Book 2: BMW M Hybrid V8

Bag 5

Group 33: driver minifigure pages 2 and 3.

Group 34: steps 1-13.

Group 35: steps 14-20.

Group 36: 21-30.

Group 37: step 31.

Group 38: steps 32-33.

Group 39: step 34.

Group 40: steps 35-46.

Group 41: step 47.

Bag 6

Group 42: steps 48-60.

Group 43: steps 61-72.

Group 44: steps 73-74.

Group 45: steps 75-76.

Group 46: steps 77-81.

Group 47: steps 82-98.

Group 48: steps 99-102.

group 49: steps 103-104.

Bag 7

Group 50: steps 105-113.

Group 51: steps 114-117.

Group 52: steps 118-120.

Group 53: steps 121-122.

Group 54: steps 123-128.

Group 55: steps 129-131.

Group 56: steps 132-135.

Group 57: step 136.

Let's get to building!

Building Instructions (Bag 1, Book 1):

Group 1 – driver: The driver is wearing pants with one leg in blue and the other in black. He has an official BMW t-shirt with a blue background, black stripes, and the BMW logo. His hair is black, and he's wearing a black helmet with a transparent visor. In his left hand, he's holding a wrench. On the back of the t-shirt, 'Motorsport' is written along with the BMW logo.

Sub-build 1: Locate a pair of pants with one leg in blue and the other in black, a torso printed with an official BMW t-shirt with a blue background, black stripes, and the BMW logo, a yellow head printed with eyes and lips, a black helmet with a transparent visor, and a grey wrench. Assemble the minifigure. Next build the helmet, the visor needs to be attached to the helmet making sure the open part of the helmet faces the front. When attaching the helmet to the minifigure make sure the visor is in the front. Then attach the wrench to his left hand. There is also a black hair part which you can switch later for the helmet if you want.

The driver minifigure is now ready to hit the road!

Car 1 BMW M4 GT3

Group 2: Car's chassis.

1.1 Horizontally place a 12x6 car base in front of you. This part has a 5x6 area of recessed studs in the center. We will refer to it as the recessed area.

1.2. We'll start by placing some pieces on the recessed area of the ppp. Vertically place a red 1x3 jumper plate on the 1st 2nd and 3rd rows starting from the front on the 4<sup>th</sup> column from the right. Then vertically place a blue 1x2 rounded plate behind the ppp.

2.1 Place a grey 1x1 half cylinder brick on the back row on the fifth column from the right with the flat sides facing right and left. Place a second grey half cylinder brick to the left of the ppp with the flat sides facing right and left.

2.2 place 2 grey 1x1 half cylinder bricks in front of both of the ppps so the flat sides face left and right.

2.3 Place a white 1x1 round plate with open stud to the left of the ppps. Place a grey half cylinder brick behind the ppp with the flat sides facing right and left. Horizontally place a blue 1x2 rounded plate to the left of the ppp. Then place a white 1x1 round plate in front of the left stud of the ppp.

3.1 Place a black 2x2 tile with 2 studs on the 1<sup>st</sup> and 2<sup>nd</sup> rows from the front on the 5<sup>th</sup> and 6<sup>th</sup> columns to the left of the red 1x3 jumper plate from step 1.2 located on the front right of the recessed area with the studs facing to the left. Place a second black 2x2 tile with 2 studs to the left of the ppp with the studs facing to the left.

3.2 Vertically place a blue 1x2 rounded plate to the left of the ppp. Now there is a free remaining row with studs behind the ppps which is the 3<sup>rd</sup> row starting from the front. Horizontally place a black 1x3 tile on the 3<sup>rd</sup> row on the 4<sup>th</sup> 5<sup>th</sup> and 6<sup>th</sup> columns from the left. Then horizontally place a black 1x2 tile to the right of the ppp. The tiles go on the 3<sup>rd</sup> row from the front.

4.1 Locate two grey 1x3 rounded plates. Place the first plate vertically on the fourth column from the left which is the leftmost column of the recessed area, covering the first and second rows. The plate should overhang by one row to the front, covering the gap between the recessed area and the front wall. Repeat symmetrically to the back.

4.2 Place a blue 1x1 round plate on the front row of the 1<sup>st</sup> plate on the 4<sup>th</sup> column from the left. Repeat symmetrically to the back.

5. Place a white 1x1 plate with 1 side stud hanging down on the back row to the left of the ppp so the side stud faces the back. Repeat symmetrically to the front. Place 2 more 1x1 plates with 1x1 side stud hanging down symmetrically to the right.

6. Turn the build upside down. Vertically place a grey 1x4 plate on the second column of anti studs from the right. Repeat symmetrically to the left. Turn the build right side up so it is horizontal with the red 1x3 jumper plate from step 1.2 on the 1<sup>st</sup> 2<sup>nd</sup> and 3<sup>rd</sup> rows from the front and on the 4<sup>th</sup> column from the right as before.

7.1 Let's make a part! Horizontally place a black 1x4 rounded plate in front of you. Horizontally place a white 1x2 plate with upright 1x2 side studs on the 2 left columns so the side studs face the front.

7.2 Horizontally place a white 1x2 grille tile on the side studs of the ppp. Horizontally place a second white 1x2 grille tile on the 2 right columns of the black 1x4 plate.

7.3 Rotate the sub build 90 degrees clockwise. Keeping this position vertically attach it on the back four rows on the 4<sup>th</sup> column from the right on the recessed area so that the upright grill tile faces the left.

Group 3: Rear wheel bearing and rear wheel axles.

8.1 Let's make a part! Place a grey 2x4 plate with a 1x2 brick with axle hole on each end horizontally in front of you. Place a blue 2x2 plate horizontally on the ppp so that it is centered horizontally.

8.2 Insert the axle end of a gray 2l pin axle into the left facing axle hole so the pin faces the left. Repeat symmetrically to the right. Then place a red 1x1 round plate with horizontal bar to the right of the 2x2 plate so the bar faces the front. Repeat symmetrically to the left. Rotate the sub build 90 degrees counter clockwise so the bars face the right. Place the leftmost column of the sub build underneath the rightmost column of the main build so the left column of the 2x2 plate fits in the cutout.

9. Horizontally place 2 blue 2x4 bricks, one in front of the other, on the 4 rightmost columns so together they are centered vertically.

10.1 Horizontally place a black 1x2 left wedge tile on the 3<sup>rd</sup> row from the back on the 3<sup>rd</sup> and 4<sup>th</sup> columns from the right with the point to the right. To check if it is a left wedge tile place the

angled side to the front, position the narrow side to the left, and ensure the slope rises from right to left.

10.2 Place a red 1x2 right wedge tile symmetrically to the front. Both wedge points should face the right. In order to distinguish it from a left wedge tile, place the angled side to the front, position the narrow side to the right, and ensure the slope rises from left to right.

Group 4: Under-seat vent structure and touch screen control.

11.1 Let's make a part! Let's make the under-seat vent structure. Place a black 1x2 plate horizontally in front of you. Then place a red 1x1 round plate with open stud on the left stud of the ppp.

11.2 Place a white 1x1 round plate with open stud underneath the right column of the black 1x2 plate. Place a grey 1x1 plate with upright 1x2 side studs to the left of the ppp, so the side studs face the front.

11.3 Horizontally place a blue 1x2 rounded plate on the bottom front facing side stud so it overhangs to the right. Horizontally place a white 1x2 grille tile on the ppp.

11.4 Rotate the sub build 90 degrees clockwise so that the white 1x2 grille tile faces to the left. Place the sub build vertically on the front 2 rows of the fifth column from the right so it sits on 1 stud.

12.1 Place a white 1x1 round plate on the back row on the 5<sup>th</sup> column from the left.

12.2 Let's make a part! Let's make the touch screen control. Attach a gray 1x1 tile printed with a keyboard onto a black 1x1 round plate attached to an angled bar. Place the part on the 4<sup>th</sup> row from the front and the 6<sup>th</sup> column from the left, with the keyboard pointing to the front.

Group 5: Passenger's panel and grab bar.

13.1 Let's make a part! Let's build the passenger panel which includes the passenger's printed door. Horizontally place a black 2x6 wall of upright side studs attached to 2 1x1 plates in front of you so the side studs face the front. Place a white 1x2 curved sloped tile horizontally on the bottom leftmost front facing side stud so it overhangs 1 column to the left.

13.2 Horizontally place a blue 1x2 tile with sticker on the top row of front facing side studs on the 2<sup>nd</sup> and 3<sup>rd</sup> columns from the left. Horizontally place a white 1x2 tile below the ppp.

13.3 Skip this step if you have already placed your sticker! Ask a helper to place sticker 5 on the blue 1x2 tile. This sticker has three horizontal stripes in the shape of a triangle. The bottom stripe is white, the middle stripe is red, and the top stripe is blue.

13.4 Place a white 2x2 tile with sticker to the right of the ppp.

13.5 Skip this step if you have already placed your sticker! Ask a helper to place sticker 18 on the white 2x2 tile. This sticker has a black background with a white number 1 in the center. The top border is red, and the bottom border is white. Above the number 1, there is a white stripe with bmw-m.com written above it. Below the number 1, there is another white stripe with three diagonal stripes and M4GT3 shaded in red below it.

13.6 Place a white 1x1 tile on the bottom row on the rightmost column of front facing side studs. Then rotate the sub build 180 degrees so the side with sticker faces to the back. Attach it in this position to the back row so the left stud is on the 4<sup>th</sup> column from the left and the right stud is on the 5<sup>th</sup> column from the right.

14.1 Let's make a part! Let's build the grab bar! Place a white 1x1 round plate with open stud on a black 1L bar with angled hollow stud.



14.2 Insert a white 4L bar into the ppp. Place the sub build using the angled bar at the bottom on the white 1x1 round plate with open stud located on the back row on the 5<sup>th</sup> column from the left. The 4L bar should be tilted to the right.

15. Vertically place a grey 2x4 plate on the 3<sup>rd</sup> and 4<sup>th</sup> columns from the left so it is centered vertically. Place a grey 1x1 round plate to the left of the front row of the ppp. Place a second grey 1x1 round plate symmetrically to the back.

16. Vertically place a black short panel with 3 walls on the 1<sup>st</sup> and 2<sup>nd</sup> rows from the front and on the 5<sup>th</sup> column from the left, with the long wall facing left. It goes on the left black 2x2 tile with 2 studs from step 3.

Group 6: Center divider, second touch screen control and steering wheel.

17.1 Let's make a part! Let's build the center divider! Place a grey 1x2 plate with a long stud holder so that the plate is positioned vertically, pointing upward with the studs facing forward, and the long stud holder is oriented to the left. Then attach a grey 1x1 plate with 1x2 upright side studs to the ppp by attaching the side studs to the anti studs of the 1x2 plate of the ppp.

17.2 Place a red 1x1 round plate with open stud on the end of the holder.

17.3 Vertically attach a gray 1x2 jumper plate to the left facing anti stud.

17.4 Attach a grey 1x1 plate with 1x2 upright side studs to the ppp. Attach the side studs vertically to the ppp so the 1x1 plate is on the bottom and overhangs to the left.

17.5 Place a blue 1x1 brick with axle hole on the leftmost column with the axle hole facing left and right. The right axle hole won't be visible.

17.6 Place a white 1x2x1 short panel vertically upright on the front-facing side studs with the wall facing the left. Place the leftmost column of the sub build on the 4<sup>th</sup> row from the front on the 4<sup>th</sup> column from the left. The rightmost column goes on the 4<sup>th</sup> row from the front on the 5<sup>th</sup> column from the right. The central divider sub build should cross the recessed area and should horizontally cross above the touch screen controller. This can be tricky to place.

18. Vertically place a blue 1x2 rounded plate on the 2<sup>nd</sup> and 3<sup>rd</sup> rows from the front and on the 4<sup>th</sup> column from the left to the left of the short panel with 3 walls from step 16.

19. Let's make the second touch screen control! Locate 2 grey 1x1 bricks with side stud and bottom lip. Place the first on the back stud of the ppp with the side stud facing right. Then place the second on the same column on the 5<sup>th</sup> row from the front behind the leftmost column of the central divider sub build attached in step 17 so the side stud faces right. Place a black 1x1 tile with rounded side on the side stud of the ppp with the round side facing up. Now place a grey 1x1 tile printed with a keyboard on the side stud of the 1x1 brick with side stud and bottom lip that is in front of the leftmost column of the central divider on the 2<sup>nd</sup> row from the front and 4<sup>th</sup> column from the left.

20. Let's build the steering wheel! Place a black 1x1 short, rounded brick with side stud on the 2<sup>nd</sup> row from the front and on the 4<sup>th</sup> column from the left, in front of the first gray 1x1 brick with keyboard and lip, with the side stud facing right. Place a 1x1 tile with 2 angled extensions on the side stud of the ppp.

21. Horizontally place a blue 1x2 brick to the left of the ppps on the 2<sup>nd</sup> row from the front and on the 2<sup>nd</sup> and 3<sup>rd</sup> columns from the left. Vertically place a red 1x2 brick centered vertically on the 3<sup>rd</sup> column from the left. Place a second blue 1x2 brick horizontally behind the ppp on the 5<sup>th</sup> row from the front on the 2<sup>nd</sup> and 3<sup>rd</sup> columns from the left.

Group 7: Driver side panel.

22.1 Let's make a part! Horizontally place a black 2x6 wall of upright side studs attached to 2 1x1 plates in front of you with the side studs facing the front. Place a white 1x2 curved sloped

tile horizontally on the bottom rightmost front facing side stud so it overhangs 1 column to the right.

22.2 Horizontally place a blue 1x2 tile with sticker on the top row of front facing side studs on the 2<sup>nd</sup> and 3<sup>rd</sup> columns from the right.

22.3 Skip this step if you have already placed your sticker! Ask a helper to place sticker 7 on the blue 1x2 tile. The bottom half of the sticker has a horizontal white stripe. The top half is divided, with the right side in blue and the left side in a lighter blue.

22.4 Horizontally place a white 1x2 tile below the ppp and to the left of the white 1x2 curved sloped tile.

22.5 Place a white 2x2 tile with sticker to the left of the ppps.

22.6 Skip this step if you have already placed your sticker! Ask a helper to place sticker 21 on the white 2x2 tile. This sticker has a black background with a white number 1 in the center. The top border is red, and the bottom border is white. Above the number 1, there is a white stripe with bmw-m.com written above it. Below the number 1, there is another white stripe with three diagonal stripes and M4GT3 shaded in red below it.

22.7 Place a black 1x1 tile on the bottom row of front facing side studs on the leftmost column.

22.8 Horizontally place your part on the front row of the main build so it is symmetrical to the passenger panel. The left column should sit on the 4<sup>th</sup> column from the left and the right column should sit on the 5<sup>th</sup> column from the right.

Group 8: Seat.

23.1 Let's make 2 identical parts. Place a grey 1x1 brick with side stud and lower lip in front of you so the side stud faces left.

Place a white 1x1 tile on the left facing side stud. Now you should have 2 identical parts.

23.2 Locate 2 black 1x2 plates and place them vertically in front of you. Place the first part on the back stud of the 1<sup>st</sup> black 1x2 plate with the tile facing left. Place the 2<sup>nd</sup> part on the front stud of the 2<sup>nd</sup> plate with the tile facing left.

23.3 Place the first sub build vertically on the 1<sup>st</sup> and 2<sup>nd</sup> rows from the back and on the 5<sup>th</sup> column from the right. Place the second sub build symmetrically to the front.

24.1 Locate 2 black 1x2 plates. Horizontally place the first on the 3<sup>rd</sup> row from the back on the 4<sup>th</sup> and 5<sup>th</sup> columns from the right. Place the second plate horizontally in front of the ppp.

24.2 Place a grey 1x1 round plate on the leftmost column of the back black 1x2 plate on the 3<sup>rd</sup> row from the back on the 5<sup>th</sup> column from the right of the build. Then place a grey 1x1 plate with 1x2 upright side studs on the 4<sup>th</sup> row from the back on the 5<sup>th</sup> column from the right, on the leftmost column of the front black 1x2 plate, with the side studs facing to the left.

25. Let's make a part! Horizontally place a blue 1x2 rounded plate in front of you. Place the higher side of a black 2x2 curved sloped tile on the 1x2 rounded plate so it slopes to the front. Attach it to the previously placed part. It is placed upright on the left facing bottom side stud, so it slopes up. Attach it by the top row of antistuds of the part.

26. Place a black 1x1 tile with rounded side on the top left facing side stud of the 1x2 upright side studs above the ppp with the rounded side pointing up.

Building Instructions (Bag 2, Book 1):

Group 9: rear structure and rear car body.

27. Vertically place a black 1x6 plate on the 4<sup>th</sup> column from the right. It should attach to the right column of the 2 black 1x2 plates from step 24. Then vertically place a blue 1x2 tile on the ppp so it is centered vertically.

28. Place a black 1x1 plate with 1 side stud hanging down on the front row of the black 1x6 plate from the previous step, with the side stud facing the front. Repeat symmetrically to the back.

29.1 Let's make a part! Place a red 1x1 plate in front of you. Place the highest part of a red 1x2 curved sloped tile with sticker vertically on the 1x1 plate so it overhangs and slopes to the front.

29.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 4 on the red 1x2 curved sloped tile. This sticker has a large horizontal white stripe at the bottom, and the rest is red.

29.3 Place the part on the 2 rightmost columns of the top row of front facing side studs, attach the part horizontally to the front side stud of the 1x1 plate with 1x1 side stud hanging down from the previous step so that it slopes to the left.

29.4 Let's make a part! Place a blue 1x1 plate in front of you. Place the highest part of a blue 1x2 curved sloped tile with sticker vertically on the 1x1 plate so it overhangs and slopes to the front.

29.5 Skip this step if you have already placed your sticker! Ask a helper to place sticker 1 on the blue 1x2 curved sloped tile. This sticker has a small horizontal white stripe and the rest is blue.

29.6 Attach the second part horizontally to the 2 rightmost columns of the top row of back facing side studs, so that it slopes to the left.

#### Group 10: Diffuser

30. Let's make a part! Horizontally place a black 1x4 rounded plate in front of you.

31. Horizontally place a gray 1x3 round plate on the 2 leftmost columns of the ppp so that it overhangs by one column to the left. Repeat symmetrically to the right.

32.1 Horizontally place a black 1x2 brick with 2 side studs on the 2 right columns of the ppp so the side studs face the front. Repeat symmetrically to the left.

32.2 Horizontally place a blue 1x2 brick with side studs to the right of the ppp so the side studs face the front.

33. Horizontally place a black 1x6 plate on top of the ppps.

34. Horizontally place a 1x2x1 short panel on the ppp so it is centered horizontally, and the wall faces the front. Horizontally place a black 1x2x1 short panel with 3 walls to the left of the ppp with the long wall facing the front. Repeat symmetrically to the right.

35.1 Rotate the sub build 90 degrees counter clockwise so the side studs face the right. Then flip the part on its side so the side studs face up and the anti studs face the right.

35.2 Place a black 1x1 short, rounded brick with side stud on the front stud so the side stud faces the left. Repeat symmetrically to the back. Then place the left column of 2 blue 2x2 plates with 1x2 upright side studs between the 2 ppp so the side studs face the left. They should align with the other side studs.

36. Vertically place a grey 1x4 plate on the right column of the ppps.

37.1 Place a gray 1x1 plate with 1 side stud hanging down on the front row so the side stud faces the front. Repeat symmetrically to the back.

37.2 Horizontally place a gray 1x2 plate with stud and upright clip on the 3<sup>rd</sup> row from the front so the clip faces the right. Place another horizontally behind the ppp.

38. Vertically place a blue 1x2 rounded plate on the ppps to the left of the clips.

39.1 Let's make a part! Horizontally place a grey 1x4 plate in front of you. Place a white 1x2 plate with 1x2 upright side studs horizontally underneath the 2 rightmost columns of the ppp, with the side studs facing the front.

39.2 Horizontally place a red 1x2 plate with 1x2 upright side studs to the left of the ppp so the side studs face the front.

39.3 Place 2 black 1x2 slope tiles horizontally on the grey 1x4 plate so that they slope to the back. Rotate the sub build 90 degrees counter clockwise so it is vertical, and the side studs face the right.

39.4 Now flip your part on its side so the side studs face up and the antistuds face the right. Attach it to the left facing side studs of your previous part so it is centered vertically and slopes down.

40.1 Place a black 1x1 plate with 1x1 upright side stud on the back left facing side stud so its side stud faces up, behind the attached sub build. Place a black 1x1 slope tile on the left facing stud of the ppp so it slopes to the back.

40.2 Repeat the previous step symmetrically to the front.

41.1 Place a grey 1x1 round plate on the front facing side stud. Horizontally place the right column of a black 2x1 curved left wedge tile on the ppp so that it overhangs one column to the left with the point to the left.

41.2 Repeat the previous step symmetrically to the back.

42. Rotate the main build 180 degrees so the front and back facing pins are on the left. Attach the right facing anti studs of the sub build vertically to the 2 left facing horizontal bars so the part is centered vertically.

#### Group 11: Rear structure.

43. Rotate your main build 180 degrees so the front and back facing pins are on the right. Horizontally place a gray 1x4 plate on the second row from the back on the 2<sup>nd</sup> through 5<sup>th</sup> columns from the right. The 2 right columns should sit behind the 1x2 plate with stud and clip. Repeat symmetrically to the front.

44.1. Place a white 2x2 curved sloped wedge tile on the 5<sup>th</sup> and 6<sup>th</sup> columns from the right and the 2<sup>nd</sup> and 3<sup>rd</sup> rows from the front so the tip faces the back right and it slopes to the back, the right stud of the front row of this part should sit on the ppp.

44.2 Place a blue 2x2 curved sloped wedge tile on the 5<sup>th</sup> and 6<sup>th</sup> columns from the right and the 2<sup>nd</sup> and 3<sup>rd</sup> rows from the back so the tip faces the front right and it slopes to the front, the right stud of the back row of this part should sit on the 1x4 plate that is on the 2<sup>nd</sup> row from the back.

#### Group 12: Rear mudguards.

45.1 Horizontally place a black 2x4 mudguard on the front row to the left of the front facing 1x2 curved sloped wedge tile so it overhangs to the front and the arch faces the front. Repeat symmetrically to the back.

45.2 Place a white 1x1 tile on the front row on the 4<sup>th</sup> column from the right. It should sit on the leftmost stud of the mudguard. Place a blue 1x1 plate behind the ppp.

45.3 Place a 1x1 blue plate on the back row on the 4<sup>th</sup> column from the right.

45.4 Place a red 1x1 plate in front of the ppp.

#### Group 13: Rear structure.

46.1 Vertically place a white 1x3 plate on the front 3 rows on the 3<sup>rd</sup> column from the right, in front of the front clip. Vertically place a blue 1x3 plate symmetrically to the back.

46.2 Locate 2 red 1x1 round plates with open stud. The first goes on the 3<sup>rd</sup> row from the back on the 4<sup>th</sup> column from the right to the left of the front row of the ppp. Repeat symmetrically to the front.

47. Vertically place a white 1x2 tile with an upright handle on the gap between the ppps on the 4<sup>th</sup> and 5<sup>th</sup> rows from the back on the 4<sup>th</sup> column from the right so that it slopes to the right.

48. Horizontally place a white 1x6 plate on the 3<sup>rd</sup> row from the front on the 3<sup>rd</sup> through 8<sup>th</sup> columns from the right. The rightmost stud of this piece should sit on the white 1x3 plate. Place a grey 1x1 round plate in front of the rightmost column of the ppp. Repeat both placements symmetrically to the back.

49. Place a red 1x1 plate on the 2<sup>nd</sup> row from the front on the 6<sup>th</sup> column from the right. It should sit behind the 1x1 white tile. Repeat symmetrically to the back using a blue 1x1 tile.

50. Vertically place a black 1x4 plate on the 8<sup>th</sup> column from the right so it is centered vertically.

#### Group 14: Car body

51.1 Let's make a part! Horizontally place a white 1x3 plate in front of you. Place a white 1x2 curved sloped tile with sticker horizontally on the leftmost column so it slopes and overhangs to the left.

51.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 10 on the white 1x2 curved slope. This sticker has a vertical diagonal stripe on the left side in white and the right side in red.

51.3 Place a white 1x2 tile to the right of the white 1x2 curved slope.

51.4 Horizontally place the part on the 4 rightmost columns of the front row so that it slopes to the left covering the white 1x1 tile.

52.1 Let's make a part! Horizontally place a blue 1x3 plate in front of you. Place a blue 1x2 curved sloped tile with sticker horizontally on the leftmost column so it slopes and overhangs 1 row to the left.

52.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 9 on the blue 1x2 curved sloped tile. This sticker has a vertical diagonal stripe on the left side in light blue and the right side in blue.

52.3 Place a blue 1x2 tile to the right of the blue 1x2 curved slope.

52.4 Horizontally place the part on the back row symmetrically to the part you placed in the previous step so that it slopes to the left.

#### Group 15: Rear structure

53.1 Horizontally place a blue 1x2 brick on the 2<sup>nd</sup> row from the back on the 4<sup>th</sup> and 5<sup>th</sup> columns from the right.

53.2 Horizontally place a red 1x2 brick on the 2<sup>nd</sup> row from the front on the 4<sup>th</sup> and 5<sup>th</sup> columns from the right.

54. Horizontally place a blue 1x2 rounded plate behind the ppp. Repeat symmetrically to the back.

55.1 Horizontally place a blue 2x2 plate on the 2<sup>nd</sup> and 3<sup>rd</sup> rows from the back on the 4<sup>th</sup> and 5<sup>th</sup> columns from the right.

55.2 Place a red 2x2 plate symmetrically to the front.

56. Vertically place a white 1x3 jumper plate on the 2<sup>nd</sup> column from the right on the back 2 rows. The back row of the plate sits on an upright brick. Repeat symmetrically to the front.

57.1 Place a white 1x2 left wedge tile vertically to the right of the ppp on the front row on the rightmost column with the point to the front. Place a white 1x1 tile behind the ppp.

57.2 Vertically place a red 1x3 jumper plate behind the ppp.

57.3 Then vertically place a 1x2 right wedge tile with the point to the back behind the ppp on the back row.

Group 16: Brake lights.

58.1 Vertically place a red 1x3 jumper plate on the rightmost column so it is centered vertically. Horizontally place a transparent 1x2 tile behind the ppp. It will only attach by its left column. Then place a transparent red 1x2 left wedge tile behind the ppp so the point is on the right. This will only attach by its left column.

58.2 Horizontally place a transparent red 1x2 tile in front of the red 1x3 jumper plate. Then place a transparent red 1x2 right wedge tile in front of the ppp, with the point to the right.

Group 17: Rear structure

59. Vertically place a black 1x2 tile with upright handle on the second column from the right so it is centered vertically and slopes to the left.

60.1 Vertically place a red 1x2 plate on the 3<sup>rd</sup> and 4<sup>th</sup> rows from the front on the rightmost column, to the right of the ppp on top of the 1x3 jumper plate from step 58.1.

60.2 Place a white 3x3 wedge plate with cut off corners on the rightmost column of studs on the front 2 rows so the right angle faces the back left.

60.3 Repeat the previous step symmetrically to the back.

Group 18: Car body

61.1 Place a red 1x1 slope tile from the front on the 2<sup>nd</sup> row on the 2<sup>nd</sup> column from the right so it slopes to the right.

61.2 Place a black 1x1 slope tile behind the ppp, so that it slopes to the right. Place 2 black 1x1 slope tiles symmetrically to the back.

62.1 Vertically place a red 1x2 slope tile on the second column from the right so it is centered vertically.

62.2 Place a black 1x1 round tile with upright bar on the 2<sup>nd</sup> row from the front on the 2<sup>nd</sup> column from the right. Repeat symmetrically to the back.

Building Instructions (Bag 3, Book 1):

Group 19: Rear structure.

63. Place a grey 1x1 cone brick on each of the following rows: on the 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup>, and 5<sup>th</sup> rows from the front on the 8<sup>th</sup> column from the right.

64. Place a white 1x1 tile on top of the front grey cone. Repeat symmetrically to the back. Then vertically place a black 1x2 jumper plate on top of the cones located in the center.

Group 20: Car body.

65. Horizontally place a black 1x2 sloped grill tile on the 2<sup>nd</sup> row of studs from the front on the 4<sup>th</sup> and 5<sup>th</sup> columns from the right so it slopes to the right. Repeat symmetrically to the back.

66. Let's make a part! Vertically place a black 1x2 brick with hole in front of you. Insert a grey 4L axle with stop into the hole of the ppp, with the axle stop to the left.

67. Push a red bush through the grey 4L axle so it goes all the way in.

68. Attach a blue 1x1 brick with axle hole to the right facing axle so it goes all the way in and touches the ppp. The stud of this brick should face the front.

69. Attach the bush of a gray 3l axle with bush to the right facing axle. Then attach a 1l gray pin connector to the right facing axle.

70. Vertically attach a black 1x2 brick with pin hole to the right facing axle so the studs face up.

71. Locate a blue 1x2 plate with 2x4 side studs hanging down. Attach the left stud of the 1x2 plate to the front facing stud of the sub build so that the 2x4 side studs face up.

72.1 Horizontally place a white 2x4 tile with sticker on the ppp on the side which faces up.

72.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 11 on the white 2x4 tile. This sticker has a white background. On the left, there is a white triangle, followed by a black stripe, then a smaller white stripe. The sticker also has an inverted triangle with the bottom part in light blue and the top part in blue.

73. Horizontally place a grey 1x2 plate with rail on the front facing studs, with rail on the top.

74. Rotate the sub build 90 degrees counter clockwise so the side studs face the right. Vertically place your part on the 6<sup>th</sup> and 7<sup>th</sup> columns from the right so it is centered vertically. It should sit to the right of the cones.

75.1 Let's make 2 identical parts! Horizontally place the left column of a black 1x2 plate on a transparent black 1x1 brick. Place a blue 1x1 tile on the leftmost stud of the ppp. Now you should have 2 identical parts.

75.2 Horizontally place one part on the 7<sup>th</sup> and 8<sup>th</sup> columns from the right so the transparent black brick sits in front of the cones that are on column 8. Repeat symmetrically to the back.

76.1 Horizontally place a blue 1x4 curved sloped tile with sticker on the front row of studs on the 4<sup>th</sup> through 7<sup>th</sup> columns from the right so it slopes to the right.

76.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 12 on the blue 1x4 curved sloped tile. This sticker has a small light blue triangle on the inner side near the driver. The rest of the sticker is blue.

76.3 Place a second blue 1x4 curved sloped tile with sticker symmetrically to the back.

76.4 Skip this step if you have already placed your stickers! Ask a helper to place sticker 14 on the second blue 1x4 curved sloped tile. This sticker has three diagonal stripes. The one closest to the front of the car is light blue, the middle, larger stripe is white, and the last stripe is black.

77.1 Let's make a part! Let's make the rear window! Place a black 1x2 plate with bar on the long side horizontally in front of you so the bar faces the front. Horizontally place a black 1x2 plate on top. Place 2 1x1 transparent black bricks on the ppp.

77.2 Horizontally place a transparent black 1x2 short panel on the top of the part with the wall should face the back.

77.3 Rotate the rear window sub build 90 degrees clockwise. Then you need to flip it, so the bar faces down. Locate the clips on the 4<sup>th</sup> and 5<sup>th</sup> rows from the front on the 3<sup>rd</sup> column from the right and attach the rear window by clipping the bar into the clips.

78. Rotate the main build 90 degrees in a clockwise direction so that the rear window is now at the front. Locate the left black 1x1 round plate with bar on the 2<sup>nd</sup> row from the front, then attach a bar holder with clip to it, with the hands of the clip facing front and back. Repeat symmetrically to the right.

#### Group 21: Rear wing

79. Let's make a part! Let's build the rear wing! Horizontally place a black 2x4 inverted tile in front of you.

80. Place a black 1x4 tile horizontally on the right 2 columns of the front row so it overhangs 2 columns to the right.

81. Horizontally place the 2 left columns of the front row of a 2x4 inverted tile underneath the right overhang.

82.1 Horizontally place a black 1x8 tile with sticker on the back row.

82.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 6 on the black 1x8 tile. This sticker is black, and on the left, there is the round BMW logo. There is a space, followed by three diagonal stripes: the first stripe is light blue, the second stripe is blue, and the third stripe is red. After the stripes, there is a white letter M followed by the word Motorsport in white.

83. Place a black 1x1 plate with 1x1 side stud hanging down on the front row, on the leftmost column with the side stud facing left. Then place a black 1x1 plate to the right of the ppp. Repeat both placements symmetrically to the right.

84. Vertically place a black 1x2 wedge tile on the left facing side stud so the angled side overhangs 1 row to the bottom. Repeat symmetrically to the right.

85.1 Turn the rear wing sub build upside down. Stick stickers number 3 and 2 on the sub build.

85.2 Skip this step if you have already placed your stickers! Ask a helper to place sticker 3 and 2 on the black 2x4 tiles. Sticker number 3 has a black background with the BMW logo. There are three diagonal stripes: two in blue and one in red. Next to the stripes, there's a white letter M followed by the word PERFOR in white. Sticker 2 follows sticker 3. It has a black background with the white letters MANCE PARTS.

86. Turn the rear wing sub build right side up. Place a black 1x1 round plate with horizontal bar on the front row on the second column from the left, with the horizontal bar facing to the front. Repeat symmetrically to the right.

87. Attach the rear wing sub build to the main build by clipping the upright clips on the 2<sup>nd</sup> row from the front on the 2<sup>nd</sup> column from the left and on the 2<sup>nd</sup> column from the right to the bars of the sub build. When attaching the sub build, make sure the studs of the wing face the back. Then push the rear wing forward so that the studs on the sub build are pointing up.

#### Group 22: Side skirts

88.1 Let's make a part! Let's make the right-side skirt. Horizontally place a black 1x2 plate with 1x2 upright side studs in front of you, with the side studs to the front. Vertically place a black 1x2 right wedge tile on the left column of the ppp with the point to the back. Then place a black 1x2 curved sloped tile to the right of the ppp, with the slope sloping to the right and the highest part covering the ppp.



88.2 Rotate the car 90 degrees in a counterclockwise direction so that the rear wing faces left. The part goes on the 2 leftmost columns of the bottom row of front facing studs with the wedge pointing up and the side studs facing down.

89. Horizontally place 3 black 1x2 plates with 1x2 upright side studs to the right of the sub build from the previous step, with the side studs facing down.

90. Let's cover the ppps! Horizontally place a black 1x3 tile on the left 3 front side studs of the ppps. Horizontally place a black 1x2 tile to the right of the ppp. Place a grey 1L pin connector to the right of the ppp on the rightmost stud.

91.1 Let's make a part! Let's make the left side skirt! Horizontally place a black 1x2 plate with 1x2 upright side studs in front of you, with the side studs to the front. Vertically place a black 1x2 left wedge tile with the point to the back on the rightmost column. Then place a black 1x2 curved slope to the left of the ppp with the slope sloping to the left and the highest part covering the ppp.

91.2 Rotate the main build 180 degrees so the rear wing faces the right.

Attach your part to the right 2 columns of the bottom row of front facing studs so the tip faces up and the side studs face down.

92. Horizontally place 3 black 1x2 plates with 1x2 upright side studs to the left of the sub build from the previous step, with the side studs facing down.

93. Let's cover the ppps by placing 2 black 1x3 tiles horizontally on the 6 left columns of the bottom row of front facing side studs.

#### Group 23: Front wheels

94.1 Let's make a part! Place a grey 2x4 plate with a 1x2 brick with axle hole on each end vertically in front of you. Place a blue 1x1 round tile with an upright bar on the 3<sup>rd</sup> row of the ppp from the front on the leftmost column. Place a red 1x1 round plate to the right of the ppp. Repeat both placements symmetrically to the back.

94.2 Insert the axle end of a gray 2l pin axle into the front facing axle hole so the pin faces the front. Repeat symmetrically to the back.

94.3 Attach a black wheel with pin hole to each side of the sub build by attaching the wheels to the pins. Make sure to position the wheels so that the flat side faces inward, and the deeper side (rim) faces outward.

94.4 Let's attach the sub-build keeping this direction to the left side of the main build. Place the rightmost column of the sub build underneath the leftmost column of the main build so the right column of the 2<sup>nd</sup> and 3<sup>rd</sup> rows of the plate with a 1x2 brick with hole on each end fits in the cutout.

#### Group 24: Front structure

95. Rotate the car 90 degrees counterclockwise so that the front end of the car is pointing to the front. Vertically place a blue 1x2 curved sloped tile on the 1<sup>st</sup> and 2<sup>nd</sup> rows from the front on the 2<sup>nd</sup> column from the right so that it slopes to the front. Place a red one symmetrically to the left.

96. Place a black 2x2 tile with 2 studs on the 2<sup>nd</sup> and 3<sup>rd</sup> rows from the front so it is centered horizontally, and the studs are in the back. Then place a blue 1x2 brick with 2 side studs on the ppp so the side studs face the front.

97. Place a black 2x2 tile with 2 studs on the ppp with the studs facing forward. Place a black 1x1 round quarter tile on the left stud of the ppp with the right angle facing left and front. Repeat symmetrically to the right stud.

Building Instructions (Bag 4, Book 1):

98.1 Let's make a part! Horizontally place a black 3x4 tile with 4 studs in the center upside down in front of you.

98.2 Horizontally place a black 1x2 plate centered horizontally on the back row. Place 2 black 1x1 plates with clips one to the right of the other on the ppp so the clips face the back.

98.3 Without turning the sub build right side up, attach the sub build to the front end of the car by attaching the clips to the upright bars of the blue 1x1 round tiles with upright bar located on the front row of the main build. The studs should face down and it should overhang 2 rows to the front.

99.1 Let's make a part! Horizontally place a black 1x2 jumper plate in front of you. Place a grey 1x1 short brick with open stud on the ppp.

99.2 Place a black 1x1 plate with upright 1x2 side studs on the left anti stud of the black 1x2 jumper plate from the previous step with the side studs facing left. Repeat symmetrically to the right.

99.3 Place a red 1x1 slope tile on the bottom left facing side stud so it slopes down. Then place a blue 1x1 round tile with an upright bar on the top left facing side stud. Repeat both parts symmetrically to the right.

99.4 Attach a black candle stick to the open stud in the center of the sub build so it is horizontally centered. Then insert the short end of a hose nozzle into the top hole of the ppp, with the long bar facing forward.

99.5 Flip the sub build so that the candle points forward and the nozzle's long bar faces down. Keeping this position attach it to the front facing side studs of the main build. The blue bars that are pointing outwards to the left and right sides should be aligned with the bricks with axle hole from the wheel bearing.

Group 25: Front car body

100. Let's make a part! Place a black 2x2 left wedge plate in front of you with the point to the left. The studs should be vertical. This plate has a cut corner. Place a white 1x1 round quarter tile on the back row with the right angle to the front right.

101. Place a black 1x1 short, rounded brick with side stud in front of the ppp with the side stud facing forward.

102. Horizontally place a black 1x2 plate upright on the front facing side stud so it overhangs one column to the right.

103. Attach the side stud of a black 1x1 short brick with side stud to the right anti stud of the ppp. Then place a black 1x1 plate underneath the ppp.

104. Horizontally place a transparent clear 1x2 plate on top of the 1x1 short, rounded bricks with side stud.

105. Place a white 1x1 plate with 1x1 side stud hanging down on the leftmost column of the ppp with the side stud facing back. Then place a white 1x1 slope tile on the back facing side stud of the ppp, so that it slopes to the left.

106. Vertically place a transparent yellow 1x2 left wedge tile on the top of the 1x1 plate with 1x1 side stud hanging down with the point to the back.

107. Place a white 1x1 slope tile on the left front facing side stud so it slopes up.

108. Vertically and upright place a grey 1x2 rounded plate to the right of the ppp. Horizontally attach the right stud of a white 1x2 plate with clip on the short side to the upper antistud of the

ppp, with the clip facing to the right. Place a black 1x1 tile on the left stud of the ppp. The 1x2 plate with clip should have its left column sitting above the white 1x1 slope tile.

109. Horizontally place the long edge of a white 1x2 tile between the bottom and top side studs of the grey 1x2 rounded plate from the previous step, it is not attached to any stud. It overhangs to the front like a shelf and the smooth side of the tile faces up.

110. Rotate the sub build 90 degrees counterclockwise so that the clip points to the back. In this position, clip it to the left-facing bar at the front end of the car which is aligned with the front stud of the left brick with axle hole of the wheel baring.

111. Let's make a part! Place a black 2x2 right wedge plate in front of you with the point to the right. The studs should be vertical. This plate has a cut corner. Place a black 1x1 round quarter tile on the back row with the right angle to the front and left.

112. Place a black 1x1 short, rounded brick with side stud in front of the ppp with the side stud facing forward.

113. Horizontally upright place a black 1x2 plate on the side stud of the ppp, the left stud of the 1x2 plate should overhang to the left.

114. Attach the side stud of a black 1x1 short brick with side stud to the left anti stud of the ppp. Then place a black 1x1 plate underneath the ppp.

115. Horizontally place a transparent clear 1x2 plate on top of the 1x1 short, round bricks with side stud.

116. Place a white 1x1 plate with 1x1 side stud hanging down on the rightmost column of the ppp with the side stud facing back. Then place a black 1x1 slope tile on the back facing side stud of the ppp, so that it slopes to the right.

117. Vertically place a transparent yellow 1x2 right wedge tile on the top of the 1x1 plate with 1x1 side stud hanging down from the previous step, with the point to the back.

118. Place a white 1x1 slope on the right front facing side stud so it slopes up.

119. Vertically and upright place a grey 1x2 rounded plate to the left of the ppp. Horizontally attach the left stud of a white 1x2 plate with clip on the short side to the upper antistud of the ppp, with the clip facing to the left. Then place a black 1x1 tile on the right stud of the ppp.

120. Horizontally place the long edge of a white 1x2 tile between the bottom and top side studs of the grey 1x2 rounded plate from the previous step, it doesn't attach to any studs. It overhangs to the front like a shelf and the smooth side of the tile faces up.

121. Rotate the sub build 90 degrees in a clockwise direction so that the clip points to the back. In this position, clip it to the right-facing bar at the front end of the car which is aligned with the front stud of the right brick with axle hole of the wheel baring.

#### Group 26: Front mudguards

122.1 Let's cover the left wheel! Vertically place a white 2x4x2 mudguard with a round arch on the leftmost column of studs so it sits on 3 studs and overhangs to the left.

122.2 Let's cover the right wheel! Vertically place a white 2x4x2 mudguard with a round arch. This is placed vertically on the rightmost column, so it sits on 3 studs and overhangs to the right.

#### Group 27: Front structure

123. Let's secure the previous steps. Place a black 3x3 corner plate on the 4<sup>th</sup> 5<sup>th</sup> and 6<sup>th</sup> rows from the front on the 3<sup>rd</sup> and 2<sup>nd</sup> columns from the right. The tip of the black 3x3 corner plate should face to the front left on the 4<sup>th</sup> row on the 3<sup>rd</sup> column from the right so that the 2 leftmost

columns of the black 3x3 corner plate sit on the 4<sup>th</sup> row from the front. Place a white 3x3 corner plate symmetrically to the left of the build securing the left wheel structure.

124. Place a black 1x2 tile with upright handle horizontally on the 5<sup>th</sup> row from the front on the 2 right columns so it slopes to the back.

125. Let's make a part! Place a grey 1x1 brick with side stud and bottom lip in front of you. Place a black 1x1 slope on the front side stud of the ppp so it slopes down. Attach this part to the stud on the 6<sup>th</sup> row from the front behind the black tile with upright handle with the slope facing the front.

126. Let's make a part! Stack a grey 1x1 round tile on a grey 1x1 round plate. Then place it between the tile and the bar handle of a white 1x2 tile with upright handle. Place the assembly on the 5<sup>th</sup> row from the front on the 2 leftmost columns. It goes symmetrically to the one you placed in step 124.

127. Place a black 1x1 short, rounded brick with side stud behind the ppps. The front side stud should point to the right gap between the tile and the bar handle to the right of the stacked pieces.

128. Vertically place the front row of a 1x2 jumper plate on the ppp so that the back row overhangs to the back.

129.1 Let's make a part! Place a black 2x6 plate vertically in front of you. Vertically place a black 1x2 slope tile on the right column so it is centered vertically, and it slopes to the left.

129.2 Rotate the main build 90 degrees clockwise so that the car's front end points to the left. Attach the part vertically to the 5<sup>th</sup> and 6<sup>th</sup> columns from the left so the slope slopes to the left.

#### Group 28: side mirrors

130. Place a black 1x1 plate with upright 1x1 side stud on the front facing side stud to the right of the left mudguard so the side stud faces up. Place a red 1x1 plate with upright 1x1 side stud symmetrically to the back.

Place a black 1x1 tile with a rounded side on the top facing studs of each of the ppp so the rounded sides face the left.

#### Group 29: Windshield

131.1 Let's make a part! Place a black 2x6 tile with sticker vertically in front of you.

131.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 13 on the black 2x6 tile. This sticker has a rectangular shape with a design consisting of diagonal stripes in three colors: blue, white, and black. The stripes are arranged diagonally from the top left to the bottom right. It starts with a blue stripe in the top left corner, followed by a white stripe, a black stripe, another white stripe, and ends with a blue stripe in the bottom right corner.

131.3 Place a transparent-black 6x6x1 windscreen with sticker vertically in front of you so that it slopes to the left. Place the black 2x6 tile with sticker vertically on the right 2 columns of the ppp so it is centered vertically.

131.4 Skip this step if you have already placed your sticker! Ask a helper to place sticker 8 on the transparent-black 6x6x1 windscreen. This sticker has a black background. On the left side, there is the BMW logo, which is a circular emblem with the letters BMW at the top and a square design in blue and white in the center. There are two blue diagonal stripes and one red diagonal stripe. These stripes are positioned from the top left to the bottom right. The letter M is in white and follows the stripes, and next to it is the word Motorsport also in white.

131.5 Attach the windshield sub build to the car's main build so that it slopes to the left. Place the left column of the windshield on the 5<sup>th</sup> column from the left.

### Group 30: Hood

132.1 Rotate the car 90 degrees counterclockwise so that the car's front end points to the front. Vertically place a white 1x2 tile with sticker on the left column on the 2<sup>nd</sup> and 3<sup>rd</sup> rows from the front.

132.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 22 on the white 1x2 tile. This sticker has a red background, on top, there are fine diagonal lines in black.

132.3 Repeat step 132.1 by placing a black 1x2 tile with sticker symmetrically to the right.

132.4 Skip this step if you have already placed your sticker! Ask a helper to place sticker 27 on the black 1x2 tile. This sticker has diagonal silver stripes, and the background is black.

132.5 Vertically place a black 1x2 right wedge tile behind the ppp, with the point to the back so it overhangs one row to the back. Place a red 1x2 left wedge tile symmetrically to the left.

133.1 Place a blue 2x2 curved sloped tile with sticker on the 3<sup>rd</sup> and 4<sup>th</sup> rows from the front on the 2<sup>nd</sup> and 3<sup>rd</sup> columns from the left, so that it slopes forward.

133.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 15 on the blue 2x2 curved sloped tile. The sticker is colorful. From left to right, there is a small red triangle in the bottom left corner, followed by a wide diagonal line in blue, then another wider line in lighter blue, like two narrow white triangles, and at the very top right, a black quadrilateral.

133.3 Place a black 2x2 curved sloped tile with sticker symmetrically to the right.

133.4 Skip this step if you have already placed your sticker! Ask a helper to place sticker 17 on the black 2x2 curved sloped tile. The sticker has a black background. At the top left, there is the round BMW logo. Next to it, there is a blue diagonal stripe, followed by a darker blue line, then a red stripe, and finally the white letter M. Below the logo and lines, Motorsport is written in white.

134.1 Let's make a part! Position a white 3x3 corner plate in front of you with the right angle on the front left. Place another black 3x3 corner plate symmetrically to the left. Place a white 2x2 tile with sticker on the back 2 rows of the ppps.

134.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 16 on the white 2x2 tile. The sticker has a small blue triangle in the bottom left corner that continues onto the sticker of the adjacent piece. Next, there is a white stripe with a gray funnel in the middle, and it ends with a black triangle in the right corner of the sticker.

134.3 Place a white 2x2 curved sloped tile with sticker in front of the ppp so it slopes and overhangs 1 row to the front.

134.4 Skip this step if you have already placed your sticker! Ask a helper to place sticker 24 on the white 2x2 curved sloped tile. This sticker has the end of a blue triangle-shaped geometric form in the top left corner which is the continuation from the previous sticker. There are two gray blurred angles, one open to the left and the other open to the right. At the bottom of the sticker, in the middle, there is the round BMW logo.

134.5 Place a white 1x2 curved sloped tile with sticker vertically to the right of the ppp so it slopes and overhangs 1 row to the front.

134.6 Skip this step if you have already placed your sticker! Ask a helper to place sticker 25 on the white 1x2 curved sloped tile. This sticker extends from what we described as a right angle in the previous sticker. It has a grey upward-pointing tip and a small grey spot on the right side pointing downwards. The background of the sticker is white.

134.7 Vertically place a white 1x2 curved sloped tile with sticker vertically to the left of the ppp so it slopes and overhangs 1 row to the front.

134.8 Skip this step if you have already placed your sticker! Ask a helper to place sticker 23 on the white 1x2 curved sloped tile. This sticker extends from what we described as a right angle in the 2 previous stickers. It has a grey upward-pointing tip and a small grey spot on the left side pointing downwards. On the top there is a blue triangle. The background of the sticker is white.

134.9 Horizontally place the sub build on the car's front end keeping the same orientation on the front row so it is horizontally centered. The 2 back rows of the sub build go on the gap without studs between the 2 2x2 curved slopes from steps 133.

135.1 Horizontally place a black 1x2 slope tile with sticker on the 2<sup>nd</sup> row on the 2<sup>nd</sup> and 3<sup>rd</sup> columns from the right between the right 2x2 slope and the front row of the sub build attached in the previous step, so it slopes to the front. It is only attached by the right antistud.

135.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 20 on the black 1x2 sloped tile. The sticker has two colors, black and white, divided diagonally on the piece.

135.3 Repeat symmetrically to the left.

135.4 Skip this step if you have already placed your sticker! Ask a helper to place sticker 19 on the black 1x2 sloped tile. This sticker has multiple colors arranged diagonally. It starts with a small white corner at the bottom left. Next, there is a diagonal red stripe, followed by a smaller diagonal blue stripe. The rest of the sticker is light blue.

136.1 Place a white 2x2 curved sloped right wedge tile on the front row on the 2 leftmost columns, on top of the left light, with the point to the back left, to the left of the left white 1x2 curved sloped tile with sticker.

136.2 Place a black 2x2 curved sloped left wedge tile with sticker symmetrically to the right with the point facing the back right. This is to the right of the right white 1x2 curved sloped tile with sticker.

136.3 Skip this step if you have already placed your sticker! Ask a helper to place sticker 26 on the black 2x2 curved sloped left wedge tile. On the left side of the sticker, there is a white triangular section that takes up one-third of the area. The background of the sticker is black.

#### Group 31: Antenna

137. Place a small black antenna upright on the open stud located on top of the build, behind the windshield.

#### Group 32: Rear wheels

138. Finally, let's attach the rear wheels! Attach a black wheel with a pin hole to each rear axle. Make sure to position the wheels so that the flat side faces inward, and the deeper side (rim) faces outward. The BMW M4 GT3 car's build is complete!

#### Building Instructions (Bag 5, Book 2):

Group 33 driver: The driver is wearing pants with one leg in red and the other in black. He has an official BMW t-shirt with a red background, black stripes, and the BMW logo. His hair is brown, and he's wearing a white helmet with a transparent visor. In his left hand, he's holding a wrench. On the back of the t-shirt, Motorsport is written along with the BMW emblem.

Sub-build 1: Locate a pair of pants with one leg in red and the other in black, a torso printed with an official BMW t-shirt with a red background, black stripes, and the BMW logo, a yellow head printed with eyes and lips, a white helmet with a transparent visor, and a grey wrench. Assemble the minifigure. Next build the helmet, the visor needs to be attached to the helmet making sure the open part of the helmet faces the front. When attaching the helmet to the minifigure make

sure the visor is in the front. Then attach the wrench to his left hand. There is also a brown hair part which you can switch later for the helmet if you want.

## BMW M Hybrid V8

### Group 34: chassis

1.1 Place a black 4x10 car chassis horizontally in front of you. The car's base chassis has a recessed area 2x4 in the center of the build.

1.2 Vertically place a blue 1x2 plate on the rightmost column.

2. Vertically place a black 1x8 plate on the third column from the left so it is centered vertically. 2 rows should overhang to the front and back.

3. Vertically place a black 1x6 plate on the second column from the left so it is centered vertically. 2 rows should overhang to the front and back. Then place a grey 1x2 rounded plate vertically underneath the front 2 overhanging rows of the ppp. Repeat symmetrically to the back.

4. Turn the build upside down. Vertically place a black 1x6 plate on the antistuds of the ppps on the 2<sup>nd</sup> column of antistuds from the left.

5.1 Locate 2 black 1x2 plates. The first part goes on the back 2 rows of the 3<sup>rd</sup> column from the left.

Then repeat symmetrically to the front.

5.2 Vertically place a black 1x3 plate on the front 3 rows on top of the ppp.

Then repeat symmetrically to the back.

6.1 Let's make 2 identical parts! Horizontally place a white 1x8 plate in front of you. Then horizontally place a grey 1x2 jumper plate on the 2<sup>nd</sup> and 3<sup>rd</sup> columns from the left. Place a grey 1x2 rounded plate horizontally to the right of the ppp. Then horizontally place a blue 1x8 plate to the right of the ppp so that it overhangs 5 columns to the right. Now you should have 2 identical parts.

6.2 Turn the main build right side up so that it is horizontal and the overhanging plates are on the left side.

6.3 Place the first part horizontally on the 3<sup>rd</sup> row from the back starting on the 4<sup>th</sup> column from the left of that row so it overhangs 5 columns to the right, the jumper plate is on the left. Repeat the placement symmetrically to the front.

7.1 Turn the build upside down and rotate it 180 degrees counterclockwise so that the overhanging plates from the previous step are pointing to the left.

7.2 Place a white 2x5 stair plate with 2 holes horizontally on the 2 left columns of the 2<sup>nd</sup> and 3<sup>rd</sup> rows from the front so the 2x3 side overhangs 3 columns to the left.

8.1 Let's make a part! Vertically place a black 1x6 plate in front of you. Then place a red 1x1 round plate with open stud on the back row. Repeat symmetrically to the front.

8.2 Turn the part upside down and vertically place it on the fifth column from the left so it is centered vertically. It should connect to the 2x5 stair plate.

9.1 Vertically place a black 1x4 rounded plate to the left of the ppp so it is centered vertically.

9.2 Place a blue 2x2 corner plate so the right angle is on the front left, and it resembles a braille letter h on the 3<sup>rd</sup> row from the back on the 2<sup>nd</sup> and 3<sup>rd</sup> columns from the left, so it overhangs one row to the back on the 2<sup>nd</sup> column. Repeat symmetrically to the front.

10. Vertically place a black 2x8 plate to the left of the 2 ppp so it is centered vertically and one column overhangs to the left. It will also overhang 1 row to the front and back.

11. Horizontally place a blue 1x8 plate on the 3<sup>rd</sup> row from the front, in front of the white 2x4 stair plate, place the leftmost stud on the 2<sup>nd</sup> column from the left. Repeat symmetrically to the back.

12. Horizontally place a black 1x2 inverted curved slope tile on the 3<sup>rd</sup> row from the front on the 2 leftmost columns so it slopes to the left. Repeat symmetrically to the back.

13. Horizontally place the rightmost stud of a blue 1x8 plate on the 3<sup>rd</sup> row starting on the 3<sup>rd</sup> column from the right. Repeat symmetrically to the back.

Group 35: rear axle.

14. Let's make a part! Let's start building the rear axle assembly! Horizontally place a black 1x6 plate in front of you. Then place a red 1x1 round plate with open stud on the leftmost and rightmost columns.

15. Vertically place a red 2x4 plate on the 3<sup>rd</sup> and 4<sup>th</sup> columns from the left so it overhangs 3 rows to the front.

16. Horizontally place a gray 2x4 plate with a brick with axle hole on each end underneath the 2<sup>nd</sup> and 3<sup>rd</sup> rows from the front so it is centered horizontally.

17. Insert a gray 2l pin axle into the left facing axle hole so the pin faces the left. Repeat symmetrically to the right.

18. Horizontally place a gray 1x2 plate with clip on the long side under the front row so it is centered horizontally, and the clip faces the front.

19. Vertically place a red 1x2 right wedge tile on the 1<sup>st</sup> and 2<sup>nd</sup> rows from the front and on the 3<sup>rd</sup> column from the right, with the point to the back. In order to distinguish it from a left wedge tile, place the angled side to the front, position the narrow side to the right, and ensure the slope rises from left to right. Then place a white 1x2 left wedge tile symmetrically to the right of the ppp. To check if it is a left wedge tile place the angled side to the front, position the narrow side to the left, and ensure the slope rises from right to left.

20. Turn the sub build upside down. Then rotate it 90 degrees clockwise so the clip faces the left. Vertically place the part on the third and fourth columns from the left. The clip should sit between the inverted sloped curved tiles.

Group 36: chassis, car body and rear mudguards.

21.1 Turn the build right side up. Then rotate it 180 degrees clockwise so that the axle assembly is now on the right side of the build.

21.2 Horizontally place a white 1x2 plate on the 2<sup>nd</sup> row from the back on the 2<sup>nd</sup> and 3<sup>rd</sup> columns from the right. Repeat symmetrically to the front.

22.1 Horizontally place a black 2x3 plate on the 4<sup>th</sup> and 5<sup>th</sup> rows from the front and the 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> columns from the right. It should cover the wedge tiles. Horizontally place a blue 1x3 tile on the back row of the ppp.

22.2 Horizontally place a white 1x3 tile in front of the ppp.

23.1 Vertically place a white 1x2 slope tile in front of the right column of the ppp so it slopes to the right.

23.2 Vertically place a blue 1x2 sloped tile symmetrically to the back.

24.1 Vertically place a gray 2x4 plate on the 5<sup>th</sup> and 6<sup>th</sup> columns from the right so it is centered vertically. Then place a white 1x2 plate to the right of the front row of the ppp. It should sit in front of the white 1x3 tile.



24.2 Horizontally place a blue 1x2 plate symmetrically to the back.

25.1 Horizontally place a white 1x4 curved sloped left wedge tile on the 4<sup>th</sup> row from the back on the 7<sup>th</sup> 8<sup>th</sup> 9<sup>th</sup> and 10<sup>th</sup> columns from the right, with the point to the left and it slopes to the left.

25.2 Place a black 1x4 curved sloped right wedge tile symmetrically to the front, with the point to the left.

26.1 Place a grey 1x1 round plate with horizontal bar on the 3<sup>rd</sup> row on the 7<sup>th</sup> column from the right in front of the black 1x4 right wedge tile with the bar pointing to the front. Repeat symmetrically to the back. Horizontally place a blue 1x2 plate to the left of the ppp on the back row.

26.2 Horizontally place a white 1x2 plate symmetrically to the front.

26.3 Vertically place a black 1x4 rounded plate to the left of the ppps so it is centered vertically.

27.1 Horizontally place a black 1x2 left wedge tile on the 3<sup>rd</sup> row from the back on the blue 1x2 plate from step 24 between the back slope and the back row of the grey 2x4 plate, with the point to the right on the 3<sup>rd</sup> and 4<sup>th</sup> columns from the right. Repeat symmetrically to the front. Place a white 1x1 tile with upright clip to the left of the ppp on the 2<sup>nd</sup> row from the front, with the hands of the clip facing left and right.

27.2 Place a blue 1x1 tile with upright clip symmetrically to the back, with the hands of the clip facing left and right.

28.1 Horizontally place a blue 1x3 tile to the left of the ppp.

28.2 Place a white 1x3 tile symmetrically to the front. Then place a white 1x2 tile horizontally to the left of the ppp.

28.3 Horizontally place a blue 1x2 tile symmetrically to the back. Vertically place a grey 1x2 jumper plate on the black 1x4 rounded plate between the ppps.

29.1 Attach a blue bar holder with handle to the back blue 1x1 plate with clip on top.

29.2 Attach a white bar holder with handle to the white front 1x1 tile with upright clip.

30. Place a black 2x4x2 mudguard horizontally on the front row in front of the ppp. Repeat symmetrically to the back.

Group 37: front axles.

31.1 Let's make a part! Let's build the front axle assembly! Horizontally place a black 1x6 plate in front of you. Then place a blue 2x2 plate on the ppp, so it is centered horizontally and overhangs one row to the front.

31.2 Horizontally place a grey 1x2 jumper plate on the back row of the ppp.

31.3 Horizontally place a 2x4 plate with 2 1x2 bricks with axle holes underneath the front overhang so it is centered horizontally.

31.4 Insert a gray 2l pin axle into the left facing axle hole so the pin faces the left. Repeat symmetrically to the right.

31.5 Vertically place a blue 1x6 tile to the left of the blue 2x2 plate so that it overhangs by 3 rows to the back. Repeat symmetrically to the right.

31.6 Rotate the front axle sub build 90 degrees counterclockwise, so that the overhanging tiles are pointing to the left. Keeping this position attach it vertically to the leftmost column of the car's base which has 2 rows by placing the right column of the sub build underneath the leftmost column of the main build.

Group 38: chassis and car body.

32. Let's secure the previous attachment! Vertically place a red 2x4 plate vertically centered to the right of the grey jumper plate from the previous step on the 2<sup>nd</sup> and 3<sup>rd</sup> columns from the left.

33.1 Horizontally place a black 1x4 rounded plate on the 3<sup>rd</sup> row from the front on the 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> and 6<sup>th</sup> columns from the left note that we are not counting the overhanging tiles only the columns of studs. Repeat symmetrically to the back.

33.2 Vertically place a blue 1x2 slope between the ppps on the 5<sup>th</sup> column from the left between the 2<sup>nd</sup> column from the right of the 2 ppps so it slopes to the right.

Group 39: front suspensions

34.1 Let's make 2 identical parts! Place a black 1x2 plate horizontally in front of you. Then place a red 1x2 round plate with open stud on the left column of the ppp. Place a second red 1x1 round plate underneath the part on the left antistud column. you should have 2 identical parts in total!

34.2 Vertically attach the right column of the first part vertically to the main build on the leftmost column on the 2<sup>nd</sup> row from the front. It should sit to the left of the front brick with axle hole. Repeat symmetrically to the back.

Group 40: car body and chassis

35. Let's make a part! Place a blue 2x2 corner plate in front of you so that one end points to the left and the other to the front with the right angle facing the back right like a braille letter D. Then horizontally place a blue 1x2 short panel on the back row of the ppp with the wall facing front.

36. Place a black 1x1 round plate with open stud on the front stud of the part.

37. Turn the part upside down and position it like a braille letter J. Rotate it so that the antistud of the front end with the black 1x1 round plate with open stud faces to the back right and the right angle on the front right. Then place a blue 1x1 plate on the right column on the front row of anti studs.

38. Attach a black 1x1 plate with upright double sided stud to the back row on the right column by the double sided stud so the 1x1 plate overhangs to the right and its upright stud faces the back. Then place a blue 1x1 tile on the back side stud of the ppp.

39. Vertically attach a black 1x1 plate with upright double sided stud to the left column of the front row of anti studs by the double sided stud so the 1x1 plate overhangs to the back and its stud faces upright to the left. Place a blue 1x1 tile with black spots on the left side stud of the ppp.

40. Attach a blue 2x2 corner plate to the 2 studs so it looks like braille letter j.

41.1 Stand the sub build upright so that the studs from the previous step face the front.

41.2 Then horizontally attach a blue 1x2 short panel on the bottom row with the wall facing up and pointing to the front. Place a black 1x2 round plate with open stud on the right upper front stud of the blue 2x2 corner plate. Both sides of the sub build should be symmetrical.

42. Attach the sub build keeping the previous position to the jumper plate on the left side of the main build by the rightmost column of the sub build which has only one antistud. Align it between the overhanging tiles.

43.1 Let's make a part! Locate a red 1x2 plate with clip on the short side and place it horizontally in front of you with the clip facing to the left. Horizontally place a grey 1x4 plate on the ppp so that it overhangs by 2 columns to the right. Horizontally attach the first part on the 3<sup>rd</sup> row from the front on the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> columns from the left, with the clip facing to the left.

43.2 Let's make a part! Place a blue 1x2 plate with clip on the short side in front of you with the clip facing to the left. Horizontally place a grey 1x4 plate on the ppp so that it overhangs by 2 columns to the right. Horizontally attach the second part to the left side of the car symmetrically to the back.

44. Place a grey 1x1 round plate with horizontal bar to the right of the back grey 1x4 plate from the previous step with the bar facing to the back. Repeat symmetrically to the front.

45. Vertically place a blue 1x2 brick on the first column of studs from the left so it is centered vertically. Place a black 2x2 short, ribbed brick with axle hole to the right of the ppp so it is centered vertically.

46. Horizontally place a black 1x4 rounded plate in front of the ppps on the 3<sup>rd</sup> row from the front on the 2<sup>nd</sup> 3<sup>rd</sup> 4<sup>th</sup> and 5<sup>th</sup> columns from the left so that it connects and attaches the sub build from step 43 with the grey 1x1 round plate with horizontal bar from step 44. Repeat symmetrically to the back.

Group 41: front bumper.

47.1 Let's make a part! Let's make the front bumper! Horizontally place a black 1x6 plate in front of you. Then horizontally place a black 1x2 tile horizontally centered on the ppp.

47.2 Place a black 1x2 left curved sloped wedge tile on the leftmost column with the point curving to the left. Place a black 1x2 right curved sloped wedge tile on the rightmost column with the point curving to the right.

47.3 Vertically attach the front bumper sub build to the main build under the leftmost column of the overhanging tiles.

Building Instructions (Bag 6, Book 2):

Group 42: front facing side air intake.

48.1 Let's make 2 identical parts! Horizontally place a white 1x2 rounded plate in front of you. Then place a red 1x1 round plate with open stud on the right column of the ppp. You should have 2 identical parts in total.

48.2 Attach the right column of the first part horizontally upright to the front facing bar on the 7<sup>th</sup> column from the right. It should sit to the left of the right front facing mudguard. Repeat symmetrically to the back.

49. Let's make a part! Let's start building the front facing air intake! Place a blue 2x6 plate with 1x4 side studs on the long side horizontally in front of you so the side studs face the front. Horizontally place a white 1x2 plate on the front row on the rightmost column so it overhangs 1 column to the right.

50.1 Horizontally place a white 1x4 plate on the back row on the 3 rightmost columns so it overhangs one column to the right.

50.2 Place 2 blue 1x1 plates on the back row to the left of the ppp. Then place a blue 1x1 plate with clip to the left of the ppps, with the clip facing to the left. The hands of the clip should face front and back.

51. Horizontally place a blue 1x2 plate on the ppp and on the blue 1x1 plate on the right of the ppp. Then place a black 1x2 sloped curved tile in front of the ppp so that it slopes curving downwards to the left.

52.1 Horizontally place a white 1x2 curved slope brick with 2 stickers to the right of the ppp so it slopes to the front.

52.2 Skip this step if you have already placed your stickers! Ask a helper to place sticker 55 on the white 1x2 curved slope brick on the side which is not sloped. The sticker has a blue triangle in the top-right corner that turns red as it goes to the left. The top part is colored, and the bottom part is white, with a diagonal divide between them. Ask a helper to place sticker 48 on the white 1x2 curved slope brick on the top of the sloped side. The sticker has a red corner on the left, while the rest is white.

52.3 Horizontally place a white 1x2 curved slope brick to the right of the ppp so that it slopes and curves to the front.

53.1 Place a blue 1x1 plate on the back row on the leftmost column. Then place a blue 2x2 curved sloped left wedge tile with sticker on the 2 leftmost columns so the point is on the front left.

53.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 44 on the blue 2x2 curved sloped left wedge tile. It has the shape of a wedge and is blue, with a black rectangle in the center showing the number 1 in white, above the white letters [bmw-m.com](http://bmw-m.com).

54.1 Place a white 1x2 plate horizontally on the front row on the 2<sup>nd</sup> and 3<sup>rd</sup> columns from the left. Then place a black 1x4 double curved slope tile with sticker on the ppp.

54.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 58 on the black 1x4 double sloped curved tile. It has a black background. On the left, there is the round BMW logo, followed by two blue stripes and one red stripe. Next comes the letter M in white, and then the word Motorsport also in white.

55. Horizontally attach a black 1x2 plate with 2x2 upright side studs by connecting the left stud of the 1x2 plate underneath the front right overhanging plate, with the 4 side studs facing forward.

56. Horizontally place a black 1x2 curved sloped tile on the right column of the ppp so it connects to the sub build and slopes to the right.

57.1 Let's make a part! Horizontally place a black 1x2 plate in front of you. Then place a black 1x1 plate on the right column. Place a black 2x2 curved sloped right wedge tile with sticker on the previous part, with the point to the front.

57.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 41 on the black 2x2 curved sloped right wedge tile. The sticker is wedge-shaped, divided diagonally, with the upper section in white and the lower section in black.

57.3 Place your part on the rightmost column of the back row so it overhangs 1 column to the right and the point is on the front right.

58. Place a black 2x6 tile upright and horizontally on the 6 leftmost columns so it attaches to 4 studs and overhangs 1 row to the top. Then horizontally place a 1x2 black ingot tile on the top row of the remaining side studs.

59. Horizontally attach the front facing side air intake sub build to the front side facing studs of the main build, rotate this part so the 2x6 tile faces down and then attach the upper right corner of the sub build to the 2 front facing side studs which are located to the left of the left mudguard.

60. Rotate the front facing bar so that it attaches to the left facing clip of the previous attached sub build.

Group 43: back facing side air intake.

61. Let's make a part! Let's build the opposite side air intake! Place a blue 2x6 plate with 1x4 side studs on the long side horizontally in front of you so the side studs face the front. Horizontally place a white 1x2 plate on the front row on the leftmost column so it overhangs 1 column to the left.

62.1 Horizontally place a white 1x4 plate on the back row on the 3 leftmost columns so that it overhangs one column to the left.

62.2 Place a blue 1x1 plate on the back row to the right of the ppp. Then horizontally place a black 1x2 plate with clip on the short side to the right of the ppps with the clip facing to the right. The hands of the clip should face front and back.

63. Horizontally place a black 1x2 plate on the ppp. Then horizontally place a black 1x2 curved sloped tile in front of the ppp so it slopes to the right and does not overhang.

64.1 Horizontally place a white 1x2 curved slope brick with 2 stickers to the left of the ppp so it slopes to the front.

64.2 Skip this step if you have already placed your stickers! Ask a helper to place sticker 52 on the white 1x2 curved slope brick on the side which is not sloped. The sticker has a black triangle in the top left corner, and the rest is white. Ask a helper to place sticker 47 on the white 1x2 curved slope brick on the top of the sloped side. The sticker has a black triangle in the top right corner, and the rest is white.

64.3 Horizontally place a white 1x2 curved slope brick to the left of the ppp so it slopes to the front.

65.1 Place a black 1x1 plate on the back row on the rightmost column. Place a 2x2 black sloped curved right wedge tile with sticker on the 2 rightmost columns with the point at the front right.

65.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 42 on the black 2x2 sloped curved right wedge tile. It has the shape of a wedge and is black, in the center there's number 1 in white, above the white letters [bmw-m.com](http://bmw-m.com).

66.1 Horizontally place a white 1x2 plate on the front row on the 3rd and 4th columns from the left. Then horizontally place a black 1x4 double sloped curved tile with sticker on the ppp.

66.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 58 on the black 1x4 double sloped curved tile. It has a black background. On the left, there is the round BMW logo, followed by two blue stripes and one red stripe. Next comes the letter M in white, and then the word Motorsport also in white.

67. Horizontally attach a black 1x2 plate with 2x2 upright side studs underneath the front left overhanging plate, with the side studs facing the front.

68. Place a black 1x2 curved sloped tile on the 2 leftmost columns of the front row so it slopes to the left. The left anti stud should sit on the ppp.

69.1 Let's make a part! Horizontally place a black 1x2 plate in front of you. Then place a black 1x1 plate on the left column. Place a black 2x2 curved sloped left wedge tile with sticker on the ppp so it overhangs to the front.

69.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 39 on the black 2x2 curved sloped left wedge tile. The sticker is wedge-shaped, divided diagonally, with the upper section in white and the lower section in black.

69.3 Attach your part to the leftmost column of the back row so it overhangs one column to the left. The front row should rest on the 1x2 curved sloped tile.

70. Place a black 2x6 tile upright and horizontally on the 6 rightmost columns so it attaches to 4 studs and overhangs 1 row to the top. Then horizontally place a 1x2 black ingot tile on the top row of the remaining side studs.

71. Rotate your part 180 degrees so the curved sloped tiles face the back. Then flip it upright so the 2x6 tile faces down. Attach the right 2 columns of anti studs on the top row to the 2 back facing side studs that are located to the left of the right mudguard.

72. Rotate the back facing bar so it attaches to the left facing clip of the side air intake part.

Group 44: diffuser and exhaust pipes.

73.1 Rotate the car 180 degrees clockwise so that the mudguards point to the front and back left. Then turn the build upside down.

73.2 Let's make a part! Attach a grey 1x1 round plate with bar underneath to a black 1x1 double-sloped tile. Attach your part to the clip located under the left overhang so the sloped part faces the front-and-back, the point should be at the left.

74.1 Let's make 2 identical parts! Place a black 1x2 short panel horizontally in front of you so the long wall faces the front. Place a black 1x1 short, rounded brick with side stud under the left column of the ppp so the side stud faces the back. Repeat symmetrically to the right. Now you should have 2 identical parts.

74.2 Rotate the part 90 degrees clockwise so the side studs face the left. Then flip your part on its side so the panel is on the left and the side studs face down. Using this orientation, vertically attach the bottom facing studs to the second column from the left and 1<sup>st</sup> and 2<sup>nd</sup> rows from the front. Repeat symmetrically to the back.

Group 45: rear wing holder.

75. Turn the car's build right side up. The car's mudguards should point to the back and front left. Place a black 1x1 brick on the front row on the 2<sup>nd</sup> column from the left. Repeat symmetrically to the back.

76. Vertically place a black 1x6 plate on the left most column so it is centered vertically. Then place a black 1x1 plate with 1x2 upright side studs in front of the ppp so the side studs face the front. Repeat symmetrically to the back.

Group 46: rear lights.

77.1 Let's make a part! Place a transparent 1x1 round plate on the top of a white 1x2 sloped brick with sticker.

77.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 34 on the white 1x2 sloped brick. The sticker is shaped like a sloped brick, is black, and has red stripes.

77.3 Place this part vertically on the back 2 rows of the leftmost column so it slopes to the front.

77.4 Place a transparent 1x1 round plate on the top of a blue 1x2 sloped brick with sticker.

77.5 Skip this step if you have already placed your sticker! Ask a helper to place sticker 31 on the white 1x2 sloped brick. The sticker is shaped like a sloped brick, is black, and has red stripes.

77.6 Vertically place your part on the front 2 rows of the leftmost column so it slopes to the back.

78.1 Vertically place a blue 2x1 slope tile behind the ppp so that it slopes to the front.

78.2 Vertically place a white 2x1 slope tile symmetrically to the back.

79.1 Let's make a part! Place a white 1x4 plate horizontally in front of you. Then place a white 1x2 curved sloped right wedge tile horizontally on the rightmost column so it slopes and overhangs 1 column to the right.

79.2 Place a blue 1x1 plate underneath the right angle of a white 2x2 corner tile. Then place the front row of the white 2x2 corner tile to the left of the white 1x2 curved sloped right wedge tile so it looks like the braille letter F and overhangs 1 row to the back.

79.3 Place a white 1x1 plate with 1x1 upright side stud to the right of the ppp with the side stud facing right, so that the back row of the 2x2 corner is not overhanging now. Then place a black 1x1 slope tile with sticker on the side stud of the ppp, so that it slopes downward.

79.4 Skip this step if you have already placed your sticker! Ask a helper to place sticker 33 on the black 1x1 slope tile. The sticker is grey and black.

79.5. Attach it keeping this position horizontally on the 1<sup>st</sup> and 2<sup>nd</sup> rows from the back on the 3<sup>rd</sup> 4<sup>th</sup> 5<sup>th</sup> and 6<sup>th</sup> columns from the left. The part we built on the right side of the sub-build must fit into the right side of the back mudguard.

80.1 Place a white 2x2 tile with sticker on the 1<sup>st</sup> and 2<sup>nd</sup> back rows on the 3<sup>rd</sup> and 4<sup>th</sup> columns from the left.

80.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 37 on the white 2x2 tile. The sticker is white and has a black horizontal stripe on the top.

81. Place a white 1x2 plate vertically to the left of the ppp. Then place a white 1x2 curved sloped tile horizontally on the back row of the ppp so that it slopes to the left. Place a white 1x2 curved sloped left wedge tile horizontally in front of the ppp, with the point to the left.

Group 47: car's shark fin.

82. Let's make a part! Horizontally place a red 1x3 plate in front of you. Then place a red 1x1 round plate with open stud on the leftmost column.

83. Horizontally place a white 5x2 left wedge tile to the right of the ppp, with the point to the right. It should overhang to the back on the 2<sup>nd</sup> and 3<sup>rd</sup> columns from the right.

84. Skip this step if you have already placed your sticker! Ask a helper to place sticker 50 on the white 5x2 left wedge tile. The sticker is shaped like a wedge tile and has three stripes: red on the left, white in the middle, and blue on the right.

85. Skip this step if you have already placed your sticker! Ask a helper to place sticker 49 on the back sloping side of the white 5x2 left wedge tile. The sticker is shaped like the back sloping side of a wedge tile and has three stripes: red on the left, white in the middle, and blue on the right.

86. Vertically place a red 1x2 tile with slope and cutout to the left of the ppp so it slopes and overhangs 1 row to the back.

87. Place a white 2x4 left wedge plate underneath the part on the 3 right columns of anti studs aligned with the point of the white 5x2 left wedge tile from step 83. Then rotate the sub build 180 degrees clockwise and turn it upside-down so that the red antistuds of the 1x3 plate and of the red 2x1 slope with cutout are on the right column.

88.1 Let's make a part! Place a 1x1 gray plate in front of you. Then place a blue 1x1 plate with clip on top of the ppp so the clip faces the left. Then place a gray 1x1 brick with side studs on opposite sides on top so the side studs face front and back. Clip the assembly to the bar handle of a white 7x3 flag with bar handle.

88.2 Attach this assembly to the previous sub build by connecting the back side stud of the grey 1x1 brick with 2 side studs to the back row of the sub-build on the rightmost column. The white flag should point to the left. Turn the sub-build right-side up so the point is to the left. Then rotate it 180 degrees counterclockwise to its initial position, with the point to the right.

89. Skip this step if you have already placed your sticker! Ask a helper to place sticker 35 on the visible part of the white 7x3 flag with bar handle. The sticker is white with small triangles in red, blue, and black.

90. Let's make a part! Horizontally place a red 1x3 plate in front of you. Then place a red 1x1 round plate with open stud on the rightmost column.

91. Horizontally place a white 5x2 right wedge tile with 2 stickers to the left of the ppp, with the point to the left. It should overhang to the back on the 2<sup>nd</sup> and 3<sup>rd</sup> columns from the right.

92. Skip this step if you have already placed your sticker! Ask a helper to place sticker 45 on the top of the white 5x2 right wedge tile. The sticker is shaped like the top of a wedge tile; it is white with small blue triangles and one black triangle. The dominant color is white.

93. Skip this step if you have already placed your sticker! Ask a helper to place sticker 46 on the back sloping side of the white 5x2 right wedge tile. The sticker is shaped like the back sloping side of a wedge tile; it has a white background with blue triangles and one black triangle.

94. Place a white 2x4 left wedge plate underneath the part on the 3 left columns of antistuds aligned with the point of the white 5x2 right wedge tile from step 91.

95.1 Vertically place a white 2x1 tile with slope and cutout and sticker vertically to the right of the ppp so it slopes to the back.

95.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 64 on the back sloping side of the white 1x2 tile with slope and cutout. The sticker is light blue.

96. Attach the sub build symmetrically to the other side of the previous sub-build by connecting the free side stud of the grey 1x1 brick with 2 opposite side studs from step 88 to the antistud of the ppp, which is located on the back row of the sub build on the rightmost column.

97. Skip this step if you have already placed your sticker! Ask a helper to place sticker 30 symmetrically on the other side of the white 7x3 flag with bar handle. The sticker is mostly red, with some blue, white, and black.

98. Locate the grey jumper plate on the 9<sup>th</sup> column from the right vertically centered. Then attach the sub-build by the rightmost column horizontally to the jumper plate. The flag should point upright to the left.

Group 48: rear car body.

99.1 Let's make a part! Place a blue 1x4 plate horizontally in front of you. Then place a blue 1x2 curved sloped left wedge tile on the rightmost column so it slopes and overhangs 1 column to the right. Place a blue 1x1 tile to the left of the ppp.

99.2 Horizontally place the sub build on the 2<sup>nd</sup> row from the front on the 4<sup>th</sup> 5<sup>th</sup> 6<sup>th</sup> and 7<sup>th</sup> columns from the left, in front of the front left blue bar holder with handle.

100.1 Let's make a part! Place a white 1x1 plate with upright 1x1 side stud in front of you so the side stud faces the right. Horizontally place a red 1x2 tile on top so it overhangs 1 column to the left. Place a blue 1x1 plate under the overhang. Then place a white 1x1 slope tile on the right facing side stud so it slopes down.

100.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 32 on the white 1x1 slope tile. This sticker is grey.

100.3 Place the sub build horizontally in front of the previous attached part from step 99.2 on the front row on the 6<sup>th</sup> and 7<sup>th</sup> columns from the left.

101.1 Place a blue 2x2 tile with sticker to the left of the ppp.

101.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 40 on the blue 2x2 tile. The sticker is blue at the top and center, with a black bottom and a red stripe.

102. Place a blue 1x2 plate vertically to the left of the ppp. Then place a blue 1x2 curved sloped tile horizontally on the back row of the ppp so that it slopes to the left. Place a white 1x2 curved sloped right wedge tile horizontally in front of the ppp, with the point to the left.

Group 49: driver's seat and driver's seat back support.



103.1 Let's make a part! Place a grey 2x2x2 slope brick in front of you so that it slopes to the left. Place a grey 1x1 plate with 1x1 side stud hanging down on the front row with the side stud facing forward. Repeat symmetrically to the back.

103.2 Place a grey 1x1 plate with clip on the back facing side stud of the ppp, with the clip pointing to the left. The hands of the clip should face up and down. Repeat symmetrically to the front.

103.3 Horizontally and upright place a blue 1x4 tile on the ppp with the tile overhanging 2 columns to the left. Repeat symmetrically to the back.

103.4 Rotate the car 180 degrees clockwise so that the car's mudguards now point to the back and front right. Then attach the sub build keeping its direction vertically centered to the recessed area of the main build, to the left of the rear wing on the 8<sup>th</sup> and 9<sup>th</sup> columns from the left. Note that we are counting only columns of studs.

104.1 Let's make a part! Place a white 1x2 plate horizontally in front of you. Then place a white 1x2 plate with stud and slope tile with sticker horizontally on the ppp, so that it slopes to the left.

104.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 65 on the white 1x2 plate with stud and slope tile. This sticker has a blue background and there is a black spot in the center.

104.3 Horizontally place a white 1x2 plate on the ppp, so that it overhangs by one column to the right. Then place a black 1x2 ingot tile horizontally on the ppp.

104.4 Horizontally place a red 1x2 plate with stud and slope tile with sticker underneath the ppps, with the slope to the right. Horizontally place a red 1x2 plate underneath the ppp.

104.5 Skip this step if you have already placed your sticker! Ask a helper to place sticker 29 on the red 1x2 plate with stud and slope tile. This sticker is divided diagonally into blue and red colors, with a black circle in the center.

104.6 Vertically place your part to the left of the rear wing structure; it should go on the grey 2x2x2 sloped brick. make sure the red slope is pointing to the front, and the white slope is pointing to the back.

#### Building Instructions (Bag 7, Book 2):

Group 50: rear wing.

105. Let's make a part! Place a black 2x8 plate horizontally in front of you. Then horizontally place a black 1x8 tile with sticker on the back row.

106. Skip this step if you have already placed your sticker! Ask a helper to place sticker 28 on the black 1x8 tile. This sticker has a black background; on the left there is the round logo of BMW. There is a space, followed by three diagonal stripes: the first stripe is light blue, the second stripe is blue, and the third stripe is red. After the stripes, there is a white letter M followed by the word Motorsport in white.

107. Place a blue 1x1 tile upright between the fourth and 5<sup>th</sup> columns on the front row so it is not attached to the studs but between them, with the antistud pointing to the left.

108. Vertically place a black 1x2 plate with 2x2 upright side studs under the leftmost column so the side studs point to the left. Repeat symmetrically to the right.

109.1 Horizontally place a blue 1x2 tile with sticker on the upper row of the left facing side studs.

109.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 36 on the blue 1x2 tile. This sticker is diagonally divided in 2 colors: the bottom left in white and the top right in blue.

110.1 repeat the previous step symmetrically to the right.

110.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 38 on the blue 1x2 tile. This sticker is diagonally divided in 2 colors: the bottom right in red and the top left in blue.

111. Vertically place your part on the rightmost column so it overhangs by one column to the right and the blue 1x1 tile faces the left, to the right of the flag from the shark fin.

112. Vertically and upright attach a black 1x3 tile on the left column of front facing side studs below the blue 1x2 tile with sticker from step 110. Then vertically place a red 1x2 left wedge tile to the right of the ppp, with the point facing down.

113. Vertically attach a black 1x3 tile on the left column of back facing side studs below the blue 1x2 tile with sticker from step 109. Then vertically place a white 1x2 right wedge tile to the right of the ppp, with the point facing down.

Group 51: front suspensions.

114. Place a red 1x1 plate with open stud on the front row of the 4<sup>th</sup> column from the left. Repeat symmetrically to the back.

115.1 Place a blue 1x1 short corner panel on the leftmost column of the front row so the walls face the front and right. This should sit to the right of the 1x1 round plate placed in the previous step.

115.2 Place a black 1x1 wall corner panel symmetrically to the back.

Group 52: steering wheel and front car body.

116. Place a gray 2x2 plate with 2 side studs on the 3<sup>rd</sup> and 4<sup>th</sup> columns from the left so it is centered vertically, and the side studs face the right. Then place a grey 1x2 jumper plate horizontally upright on the side studs of the ppp. Then place a black 1x1 tile with 2 angled extensions on the ppp, with the ends facing down.

117.1 Vertically place a blue 1x2 plate to the left of the 2x2 plate with side studs so that it is vertically centered. Then place a blue 1x1 tile behind the ppp on the 3<sup>rd</sup> row from the back. Place a black 1x2 right wedge tile horizontally to the right of the ppp, with the point to the right.

117.2 Horizontally place a black 1x2 left wedge tile symmetrically to the front on the 3<sup>rd</sup> row from the front, with the point to the right. Then place a black 1x1 tile to the left of the ppp.

Group 52: front mudguards and front vents.

118.1 Let's make a part! Place a white 2x4x2 mudguard horizontally in front of you so the arch faces the front. Then horizontally place a white 1x2 plate on the back row so it is centered horizontally.

118.2 Rotate the main build 90 degrees counter clockwise so the bumper faces the front. Place your part vertically on the leftmost column on the first 4 rows so the arch faces the left.

118.3 Let's make a part! Place a black 2x4x2 mudguard horizontally in front of you so the arch faces the front. Then horizontally place a black 1x2 plate on the back row so it is centered horizontally.

118.4 Place your part vertically on the rightmost column on the first 4 rows so the arch faces the right.

119. Let's make a part! Horizontally place a white 1x2 plate with 1x2 upright side studs in front of you with the side studs to the back. Then place a black 1x2 tile with handle horizontally upright on the back facing side studs so it slopes downward. Then place a white 1x1 plate on the left column. Attach this part horizontally on the 4<sup>th</sup> and 5<sup>th</sup> rows from the front on the 1<sup>st</sup> and 2<sup>nd</sup> columns from the left with the handle pointing to the back.

120. Let's make a part! Horizontally Place a white 1x2 plate with 1x2 upright side studs in front of you with the side studs to the back. Then place a blue 1x2 tile with handle horizontally upright on the back facing side studs so it slopes downwards. Then place a white 1x1 plate on the right column. Attach the part horizontally on the 4<sup>th</sup> row from the front of the 1<sup>st</sup> and 2<sup>nd</sup> columns from the right, with the handle pointing to the back.

Group 53: front car body and side mirrors.

121.1 Place a white 2x2 corner tile with sticker like braille letter H with the right angle to the front left. The rightmost column of the tile should be on the 3<sup>rd</sup> row from the front on the rightmost column.

121.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 56 on the white 2x2 corner tile. This sticker has a white background with some black geometric shapes.

121.3 Place a second white 2x2 corner tile with sticker symmetrically to the left.

121.4 Skip this step if you have already placed your sticker! Ask a helper to place sticker 53 on the white 2x2 corner tile. This sticker has a white background with blue and black geometric shapes.

122. Place a blue 1x1 round plate on the stud to the left of the back end of the ppp. Repeat symmetrically to the right. Then place a blue 1x1 quarter round tile on the ppp with the round edge pointing to the front right and the flat sides facing left and back. Repeat symmetrically to the left.

Group 54: windshield.

123. Let's make a part! Locate a transparent 3x6 windshield with stickers and place it vertically in front of you so that the windshield points to the front.

124. Skip this step if you have already placed your stickers! Ask a helper to place sticker 68 on the left side of the transparent 3x6 windshield. This sticker is transparent with red, white, black and blue stripes. Ask a helper to place sticker 67 on the bottom left side of the transparent 3x6 windshield. This sticker is red.

125. Skip this step if you have already placed your sticker! Ask a helper to place sticker 69 on top of the transparent 3x6 windshield. This sticker is blue, white and black.

126. Skip this step if you have already placed your stickers! Ask a helper to place sticker 70 on the top right side of the transparent 3x6 windshield. This sticker is transparent with white, black and blue stripes. Ask a helper to place sticker 71 on the bottom left side of the transparent 3x6 windshield. This sticker is blue.

127.1 Horizontally place a gray 1x2 rounded plate on the top facing studs. Then place a blue 2x2 curved slope on top of the ppp so it slopes to the back.

127.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 43 on the blue 2x2 curved sloped tile. This sticker is blue and white.

128. Vertically attach the windshield's sub build to the main build to the 3<sup>rd</sup> row from the front vertically centered so that it covers the cockpit and the windshield slopes downwards to the front.

Group 55: door handle and front car body.

129. Let's make a part! Attach a blue 1x1 ice skate to a blue 1x1 round tile with upright bar so the ends of the ice skate point to the front and back. Then place the part behind the ppp.

130.1 Let's make a part! Place a white 2x2 inverted curved slope tile with sticker horizontally in front of you with the lower row pointing to the front. Place a black 1x2 plate horizontally on the lower row of the ppp.

130.2 Place a grey 1x2 rounded plate horizontally on the ppp. Place a blue 1x1 plate on the back row on the left column.

130.3 Turn the sub build upside down and rotate it 90 degrees counterclockwise so that it slopes to the left.

130.4 Skip this step if you have already placed your sticker! Ask a helper to place sticker 51 on the white 2x2 inverted curved slope tile. This sticker has a white background with two grey stripes pointing diagonally in the left corner.

130.5 Turn the sub build right side up and place a blue 1x2 short panel vertically on the leftmost column connecting the blue 1x1 plate with the grey 1x2 rounded plate, with the wall facing to the right. Flip the sub build so it stands on its left edge and the 1x2 short panel faces the front. It should be on the bottom row and oriented horizontally.

130.6 Place a blue 1x1 slope tile on the top row on the leftmost column, so that it slopes upwards.

130.7. Place a black 1x1 round plate with open stud to the right of the ppp. Then insert a grey 2L bar with stop ring into the open stud of the ppp so that it protrudes forward.

130.8 Locate the clip positioned on the front left to the right of the left mudguard on the main build. Rotate the sub build 90 degrees counterclockwise so the protruding bar faces the right. Attach the sub-build to this clip using the bar from the sub-build. Ensure the sloped tile on the sub-build points horizontally upright sloping to the left side of the car.

131.1 Let's make a part! Place a black 2x2 inverted curved slope tile with sticker horizontally in front of you with the lower row pointing to the front. Place a black 1x2 plate horizontally on the lower row of the ppp.

131.2 Place a grey 1x2 rounded plate horizontally on the ppp. Place a red 1x1 plate on the back row on the right column of the black 2x2 inverted sloped tile.

131.3 Turn the sub build upside down and rotate it 90 degrees clockwise so that it slopes to the right.

131.4 Skip this step if you have already placed your sticker! Ask a helper to place sticker 57 on the black 2x2 inverted curved slope tile. This sticker has a black background with two grey stripes pointing diagonally in the left corner.

131.5 Turn the sub build right side up and place a red 1x2 short wall panel vertically on the rightmost column connecting the red 1x1 plate with the grey 1x2 rounded plate, with the wall facing to the left. Flip the sub build so that it stands upright by the previous right edge. Now rotate it 90 degrees clockwise so that the wall of the 1x2 panel points horizontally to the front on the bottom row to its original position.

131.6 Place a red 1x1 slope tile on the top row on the rightmost column, so that it slopes upwards.

131.7. Place a black 1x1 round plate with open stud to the left of the ppp. Then insert a grey 2L bar with stop ring into the open stud of the ppp so that it protrudes forward.

131.8 Locate the clip positioned to the left of the right front mudguard. Rotate the sub build 90 degrees clockwise so the protruding bar points to the left. Attach the sub-build to this clip using

the bar from the sub-build. Ensure the sloped tile on the sub-build points horizontally upright sloping to the right.

Group 56: hood.

132.1 Let's make a part! Let's build the hood! Horizontally place a red 2x4 plate in front of you. Then place a white 2x2 curved sloped tile with sticker on the front row of the ppp so it is centered horizontally, and it slopes and overhangs 1 row to the front.

132.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 62 on the white 2x2 curved sloped tile. This sticker has a white background with a black triangle at the top right and a small triangle at the bottom left. It also has a BMW logo.

132.3 Place a white 1x2 curved sloped tile with sticker vertically to the left of the ppp so it slopes and overhangs 1 row to the front.

132.4 Skip this step if you have already placed your sticker! Ask a helper to place sticker 61 on the white 1x2 curved sloped tile. This sticker is white and blue.

132.5 Place a white 1x2 curved sloped tile with sticker symmetrically to the ppp.

132.6 Skip this step if you have already placed your sticker! Ask a helper to place sticker 63 on the white 1x2 curved sloped tile. This sticker is black and white.

132.7 Place a white 2x2 tile with sticker on the 2 leftmost columns so it overhangs 1 row to the back.

132.8. Skip this step if you have already placed your sticker! Ask a helper to place sticker 54 on the white 2x2 tile. This sticker is white, black and purple.

132.9 Place a black 2x2 tile to the right of the ppp.

132.10 Horizontally attach it to the car's front end on the 1<sup>st</sup> and 2<sup>nd</sup> rows from the front so it is centered horizontally. The back overhanging row of the white 2x2 tile with sticker and the black 2x2 tile should sit on the 2<sup>nd</sup> row from the front on the 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> and 6<sup>th</sup> columns from the left or from the right since the result is the same. The back row of the red 2x6 plate should sit on the front row on the 3<sup>rd</sup> column and 6<sup>th</sup> column from the left or from the right since the result is the same. The slopes should slope forward.

133.1 Vertically place a white 1x4 curved sloped tile with sticker to the left of the previous attached hood so it slopes and overhangs to the front.

133.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 60 on the white 1x4 curved sloped tile. This sticker is white, blue and black.

134.1 Vertically place a 1x4 right curved slope wedge tile with sticker to the left of the ppp, so it slopes and overhangs to the front.

134.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 59 on the white 1x4 right curved slope wedge tile. This sticker is white, blue and black.

135.1 Vertically place a black 1x4 curved left sloped tile to the right of the previous hood attached sub build. Then place a black 1x4 left wedge curved sloped tile with sticker to the right of the ppp.

135.2 Skip this step if you have already placed your sticker! Ask a helper to place sticker 66 on the black 1x4 left wedge curved sloped tile. This sticker is black.

Group 57: wheels.

136. Let's attach the wheels! Attach the 4 wheels to the front and back facing pins. Make sure to position the wheels so that the flat side faces inward, and the deeper side (rim) faces outward.

Then lift the roof and place the driver behind the steering wheel. The BMW M Hybrid V8 car's build is complete!

Congratulations on finishing your build! Would you like to inspire other blind people to build LEGO sets? Let's feature your build on our [Builders page](#). It's easy and we will do all the work! Just contact us at [info@bricksfortheblind.org](mailto:info@bricksfortheblind.org) and together we will make it happen!

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