

**STEVE MCQUEEN'S ICONIC**  
**PORSCHE**  
**917KH**



# Pack 09

## BUILD INSTRUCTIONS

**STAGE 65: ATTACHING THE FRONT FLOOR  
PANEL AND THE DASHBOARD**

**STAGE 66: ASSEMBLING AND  
CONNECTING THE RADIATOR**

**STAGE 67: ATTACHING THE  
COCKPIT FLOOR PANEL**

**STAGE 68: FITTING THE COCKPIT HOUSING  
AND THE HANDBRAKE**

**STAGE 69: MOUNTING THE FUEL PUMP  
ON THE LEFT CHASSIS PLATE**

**STAGE 70: INSTALLING THE FUEL MANIFOLD  
AND ATTACHING FUEL LINES**

**STAGE 71: ASSEMBLING AND  
INSTALLING THE OIL TANK**

**STAGE 72: CONNECTING FUEL AND OIL LINES  
AND FITTING THE LEFT REAR WHEEL ARCH**

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**AGORA**  
MODELS

## Advice from the experts

Spare screws are included with each part. Occasionally, you may be instructed to keep spare or unused screws for a later stage. Keep these spares in a safe place and label them correctly.

Please make sure you don't mix up the screws. They look quite similar, but the threads do vary slightly. Using the wrong screws may damage the parts.

When securing parts together using multiple screws, fit each screw loosely to ensure all the parts are correctly aligned before gently tightening them firmly, but not overtight, in the order in which you placed them.

The screwdriver can be magnetized by stroking it with a magnet (fridge magnet, etc.) enabling it to hold the screws and make assembly easier.

If a screw is tight going into a metal part, do not force it as you may shear the head off. Remove it and put a tiny smear of Vaseline, soap or light oil on the thread. That will lubricate it and make it easier to drive home.

During the course of this build, you will receive many pieces that you will assemble immediately – following the instructions in the corresponding stage – and other pieces that you should store safely to one side, for use in future assembly stages.

Left and Right! When building your Porsche 917KH, the left or right hand side refers to each side as you are sitting in the car.

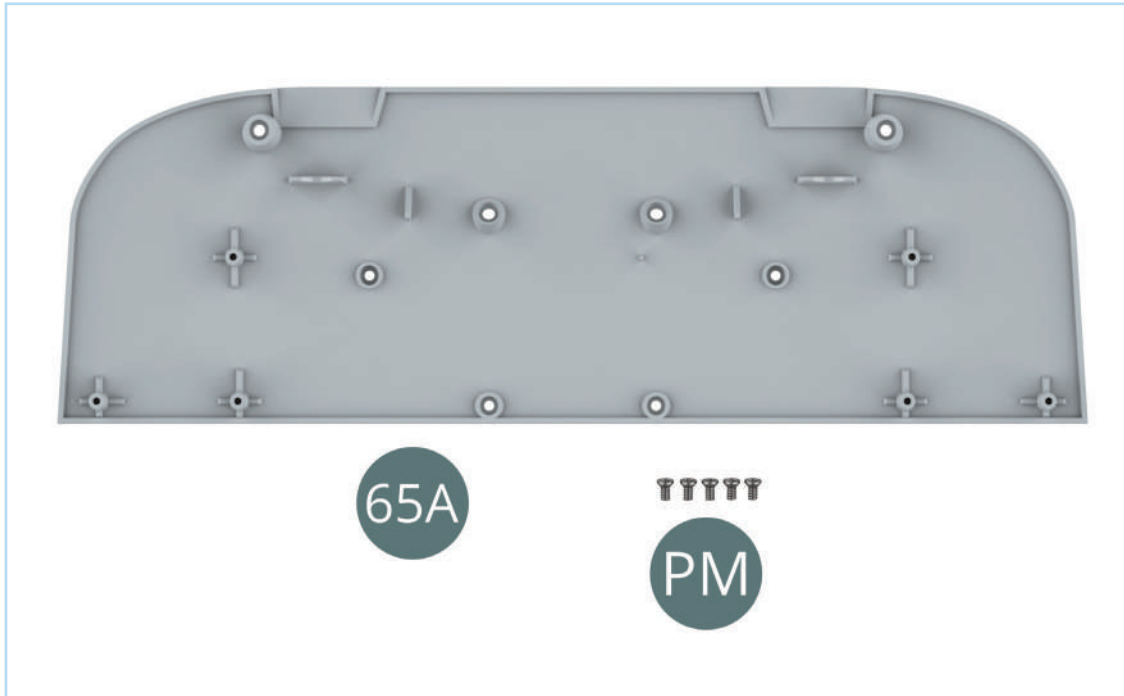


**WARNING:** Some parts are assembled using magnets. These magnets can cause serious injury if they are swallowed. Keep away from children. If you suspect a magnet has been swallowed, seek medical help straight away.

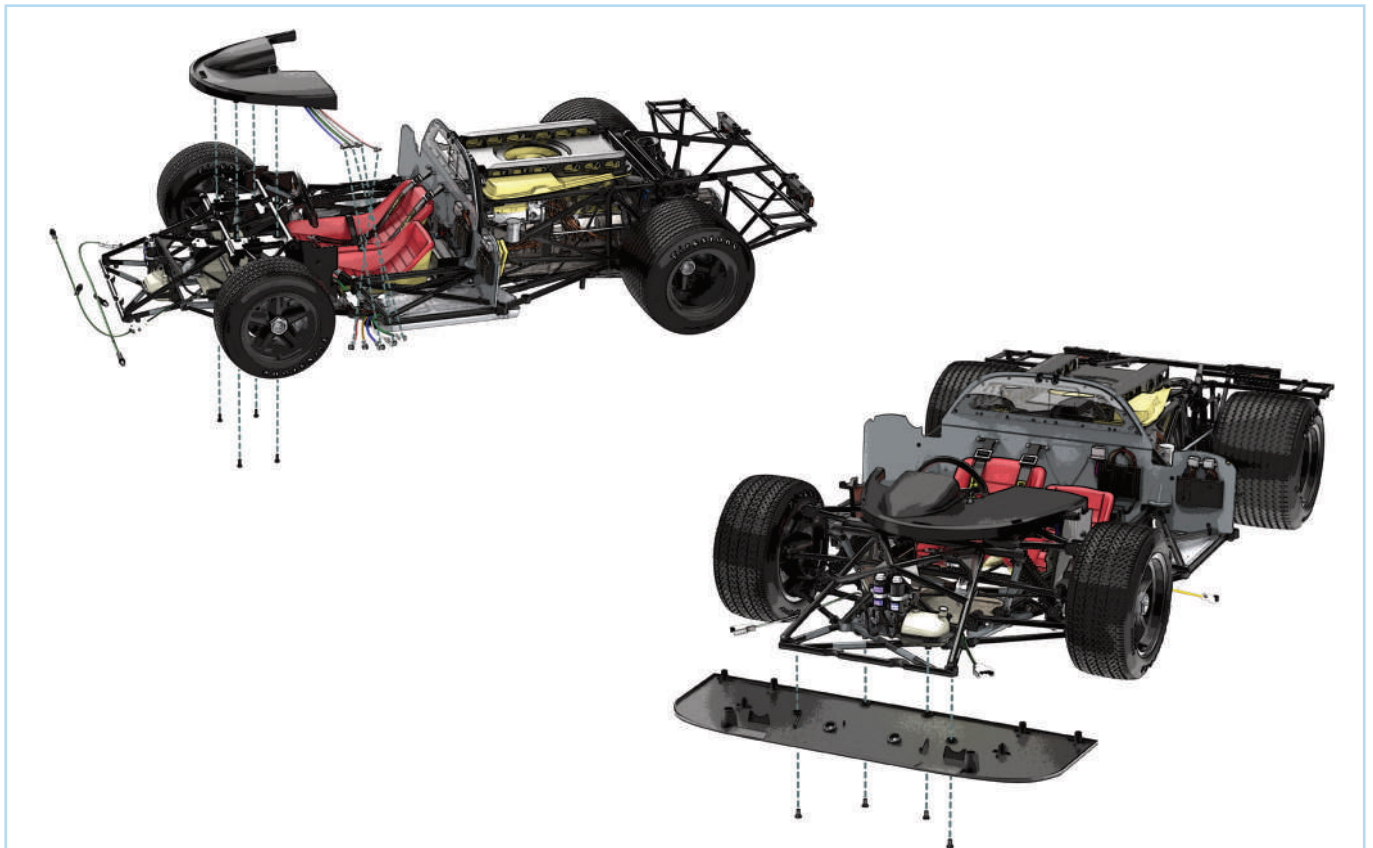
# STAGE 65: ATTACHING THE FRONT FLOOR PANEL AND THE DASHBOARD

**65A** Front floor panel

**PM** Screw 2.0 x 4 mm (x5)



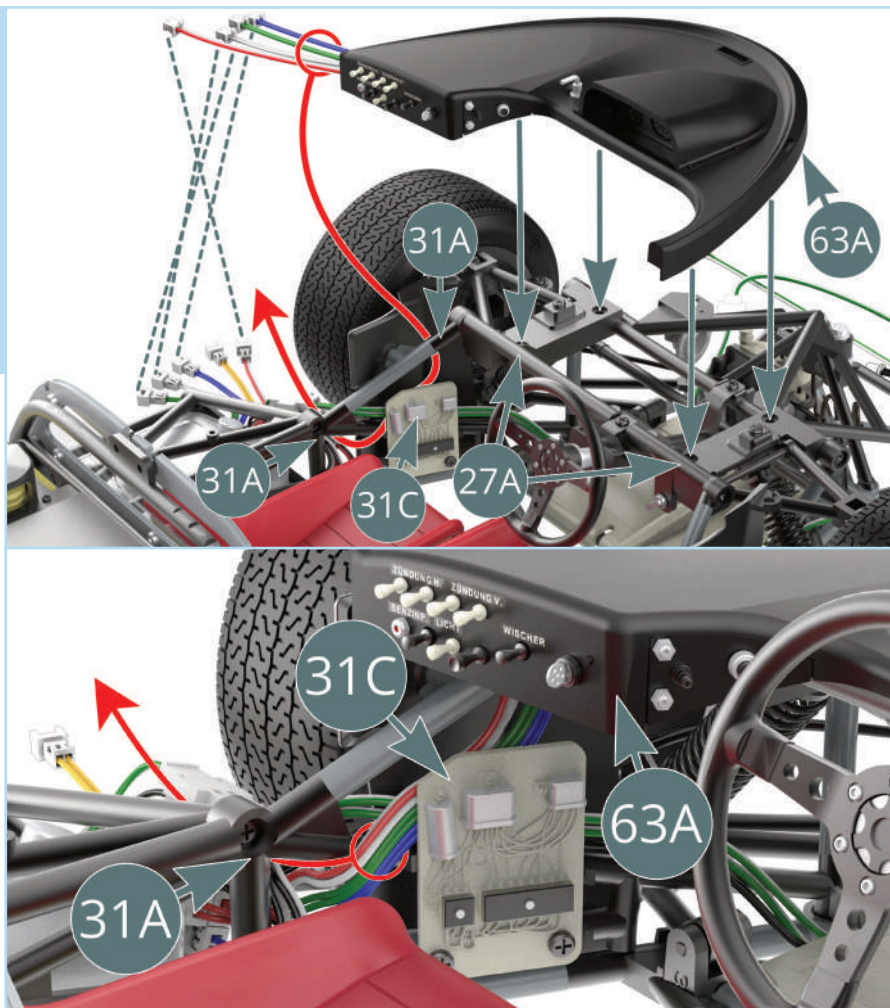
## ASSEMBLY DIAGRAM



# STAGE 65: ATTACHING THE FRONT FLOOR PANEL AND THE DASHBOARD

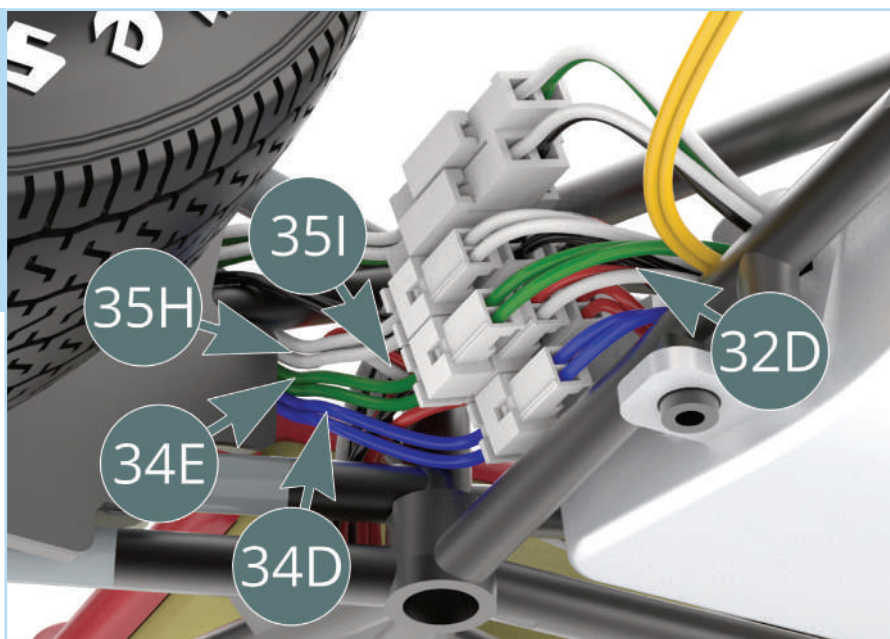
## STEP 1

Before installing the **dashboard (63A)** onto the **dashboard frame (27A)**, route the four cables (blue, green, white and red-white) between the **tubular frame (31A)** and the **wiring board (31C)** as indicated by the red arrow. Position the dashboard onto the frame as shown.



## STEP 2

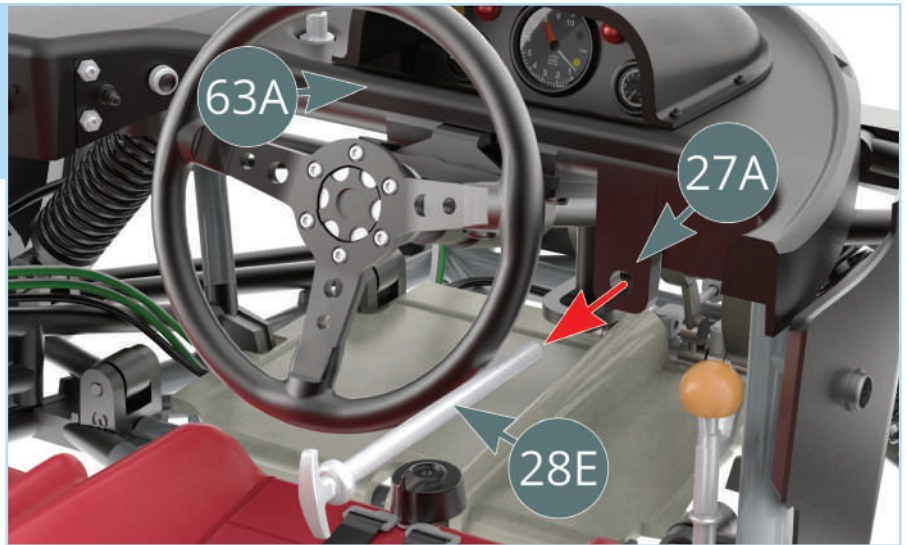
Connect the cables (**34D, blue**) (**34E, green**), (**35H, white**), and (**35I, red-white**) from the dashboard to the four cables of the corresponding colour from the **circuit board (32D)**. The yellow cable is not connected for the moment.





# STAGE 65: ATTACHING THE FRONT FLOOR PANEL AND THE DASHBOARD

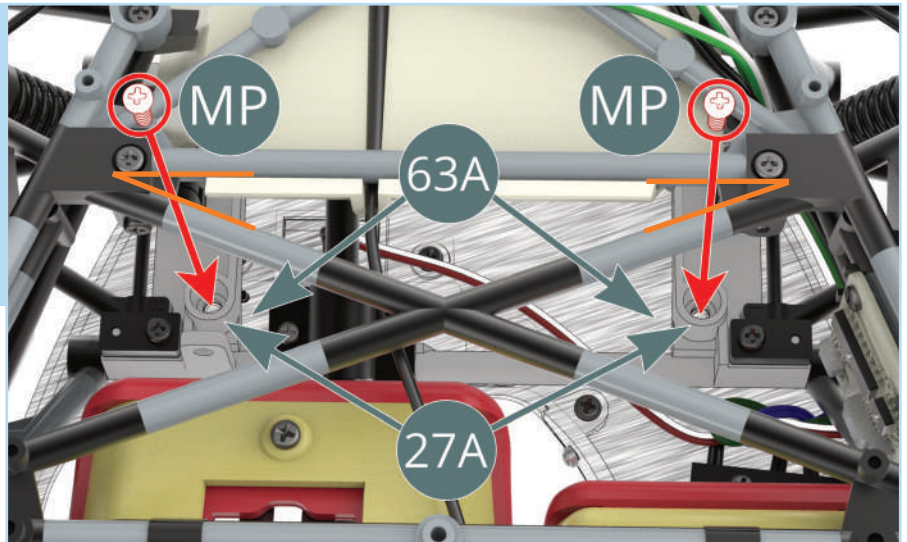
Temporarily remove the **fire extinguisher pull (28E)** from the **dashboard frame (27E)** and set it aside safely.



## STEP 3

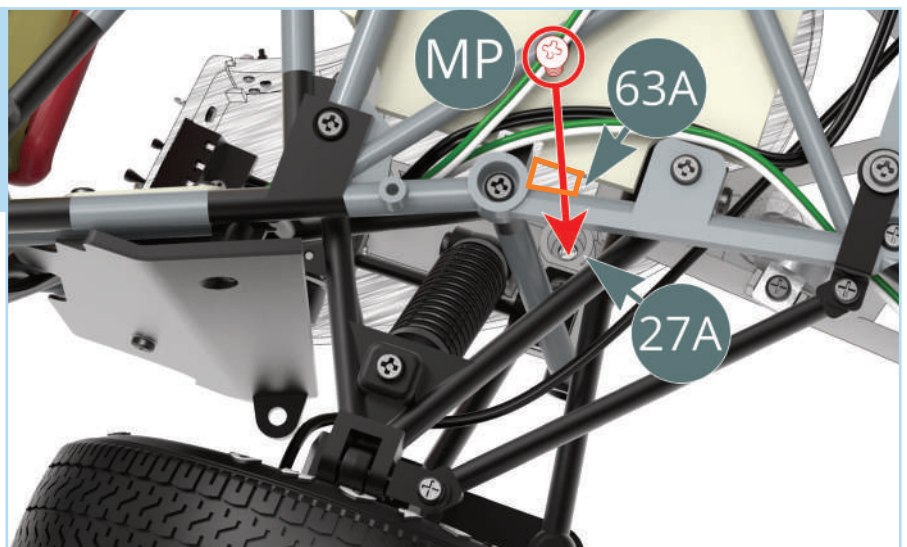
Carefully turn the assembly over and locate the two screw holes just ahead of the seats. Use two **MP** screws (supplied with Stage 64) to fix the **dashboard (63A)** to the **dashboard frame (27A)** at these points.

You'll need to use the long thin screwdriver between the 'V' of the frame (highlighted in orange) to reach the holes.



Next to the front left wheel, drive an **MP** screw (supplied with Stage 64) through the indicated hole to secure the **dashboard (63A)**.

Pass the screwdriver through the area highlighted orange to access the hole.

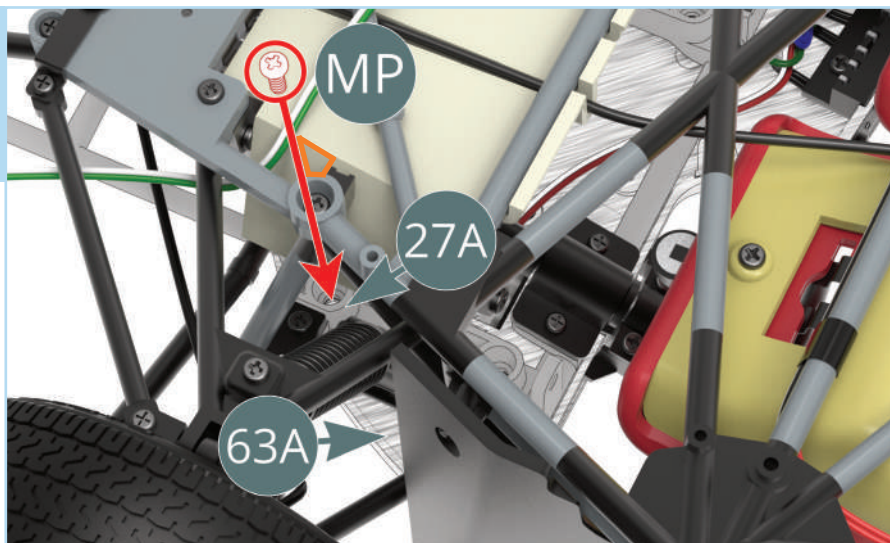


# STAGE 65: ATTACHING THE FRONT FLOOR PANEL AND THE DASHBOARD

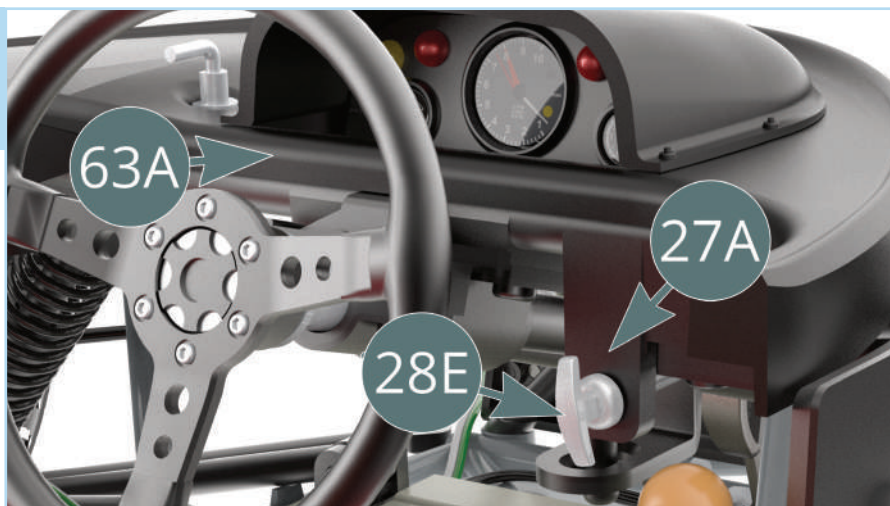
## STEP 4

Next to the front right wheel, drive an **MP** screw (supplied with Stage 64) through the hole in the same manner.

Pass the screwdriver through the area highlighted orange to access the hole.

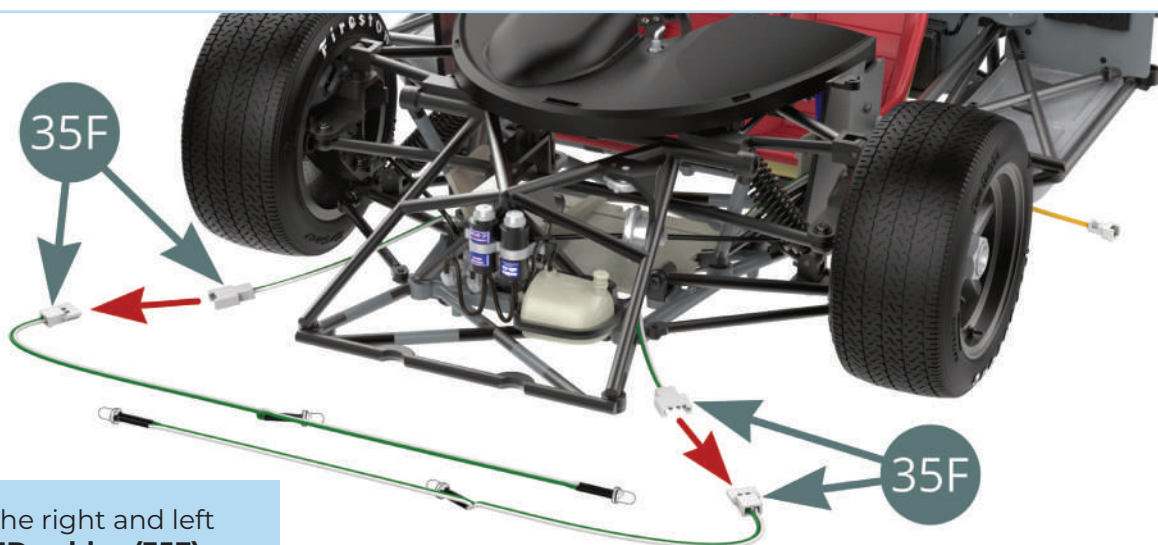


Replace the **fire extinguisher pull (28E)** in the **dashboard frame (27A)**.



## STEP 5

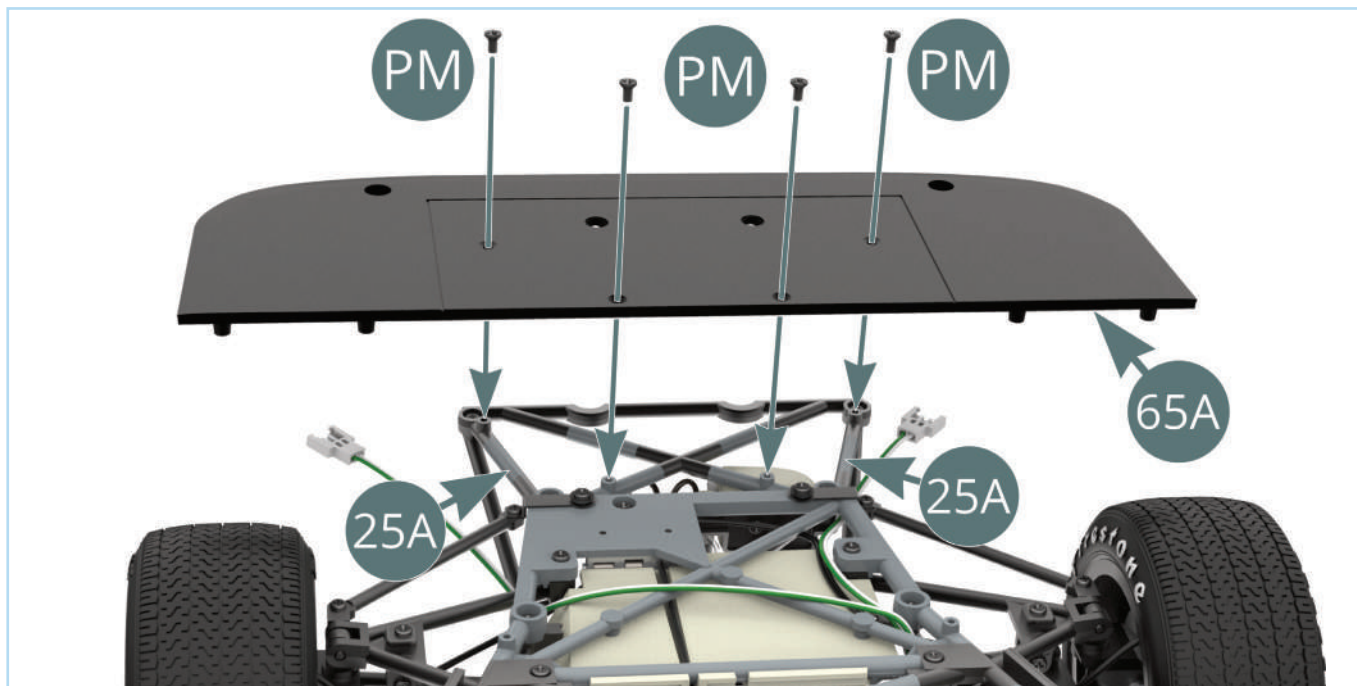
Disconnect the right and left **headlight LED cables (35F)**. Store them away safely for now.





# STAGE 65: ATTACHING THE FRONT FLOOR PANEL AND THE DASHBOARD

## STEP 6



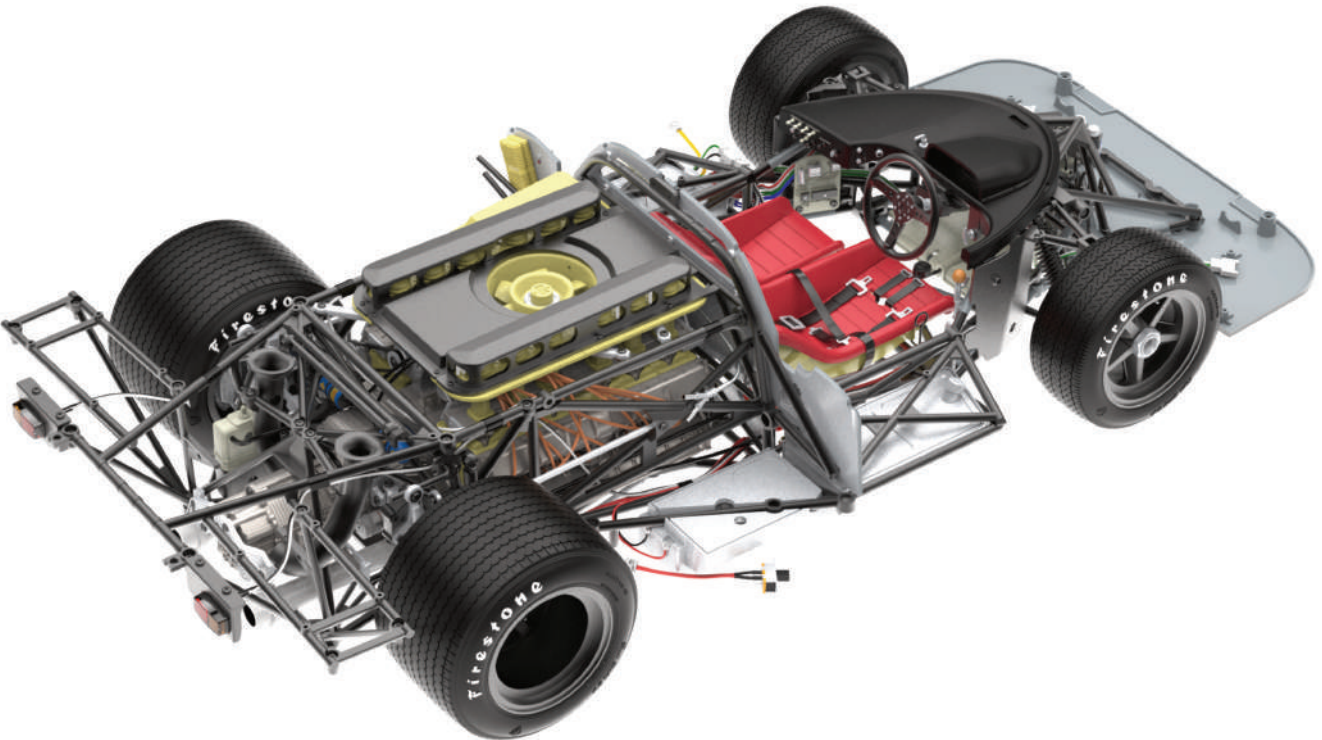
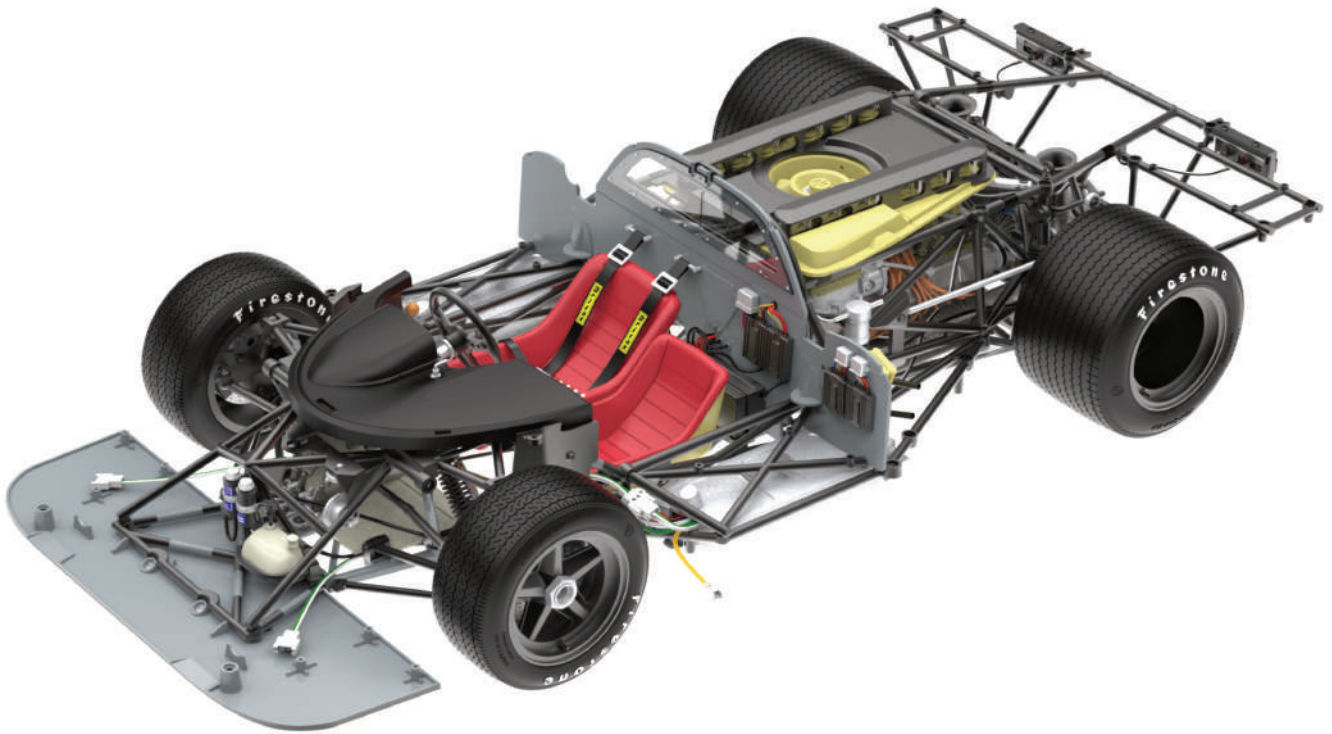
Align the **front floor panel (65A)** with the underside of the **chassis (25A)** as shown and position it in place. Secure it using four **PM** screws.



The dashboard and front floor panel have been mounted onto the chassis.

# STAGE 65: ATTACHING THE FRONT FLOOR PANEL AND THE DASHBOARD

STAGE COMPLETE





# STAGE 66: ASSEMBLING AND CONNECTING THE RADIATOR

**66A** Radiator

**66B** Radiator front panel

**66C** Left radiator side

**66D** Coupling (x4)

**66E** Right radiator side

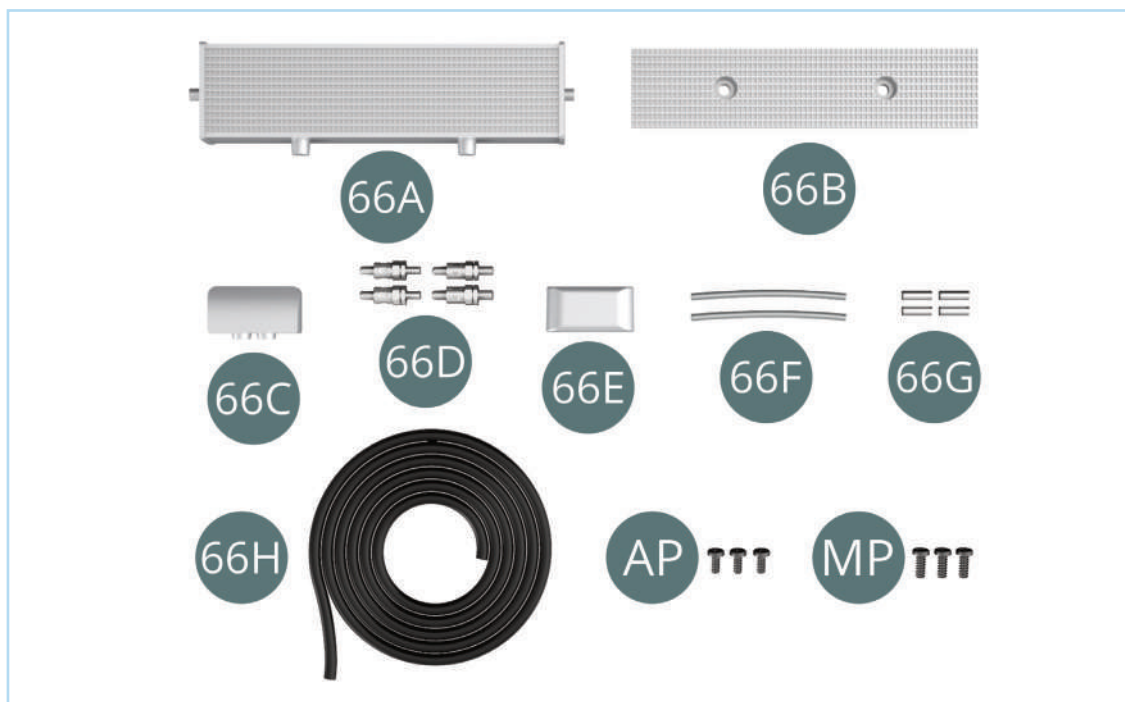
**66F** Metal hose (x2)

**66G** Connector (x4)

**66H** Cooling water pipe roll

**AP** Screw 1.7 x 4 mm (x3)

**MP** Screw 2.0 x 5 mm (x3)

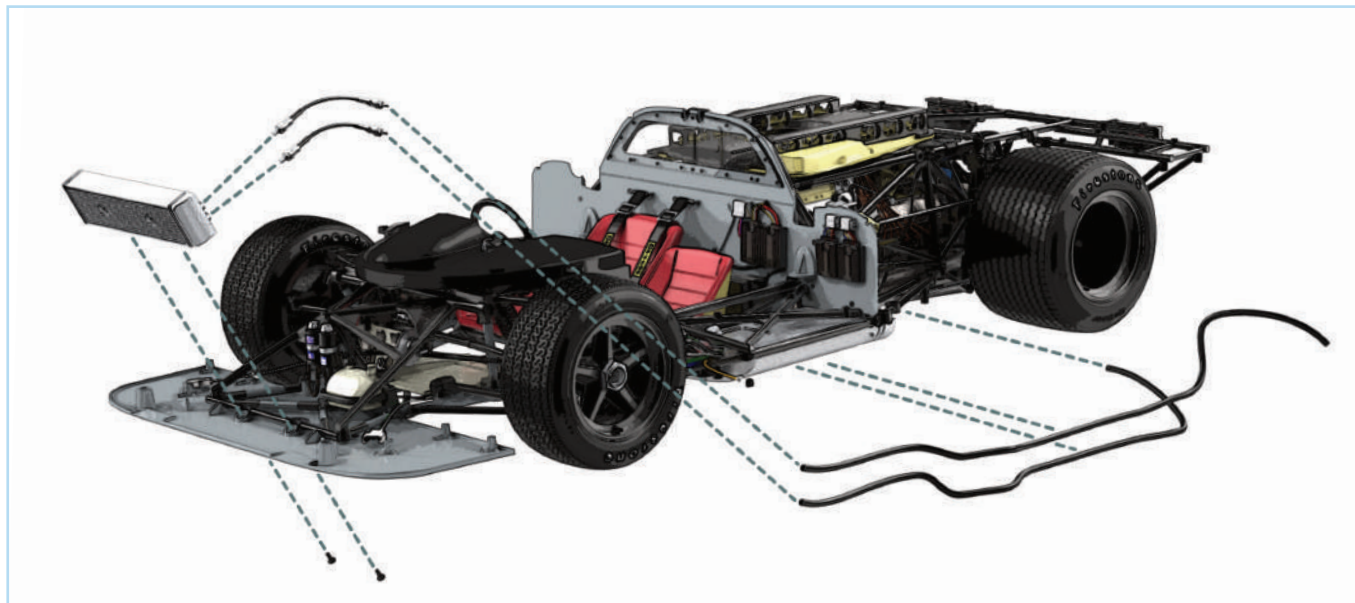


## ASSEMBLY DIAGRAM



# STAGE 66: ASSEMBLING AND CONNECTING THE RADIATOR

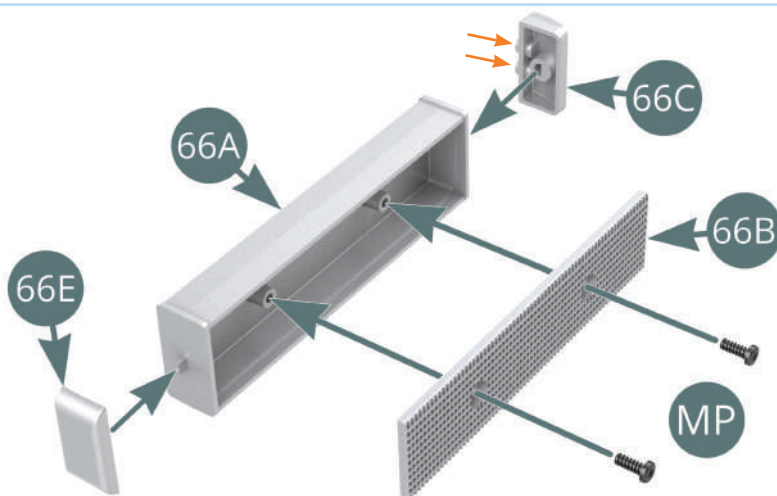
## ASSEMBLY DIAGRAM



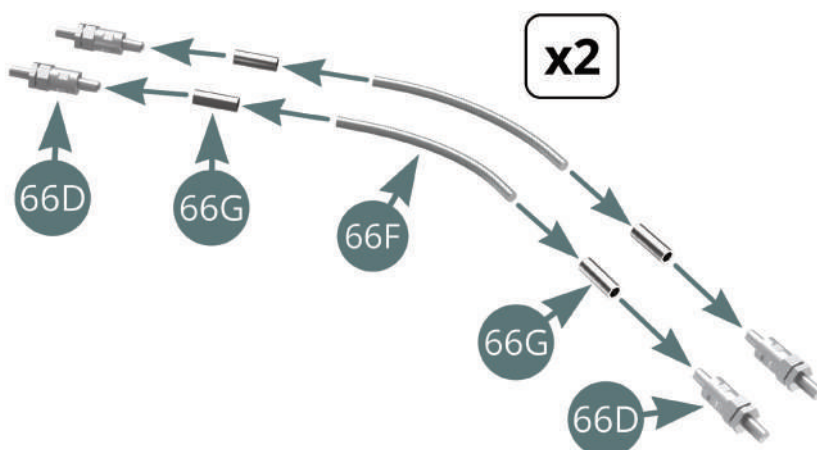
### STEP 1

Fit the **radiator front panel (66B)** into the **radiator (66A)** and secure in place using two **MP screws**. Press the right and left **radiator sides (66C and 66E)** onto the shaped pins of the radiator as shown.

Note that the **left radiator side (66C)** has two holes in one edge (orange arrows).



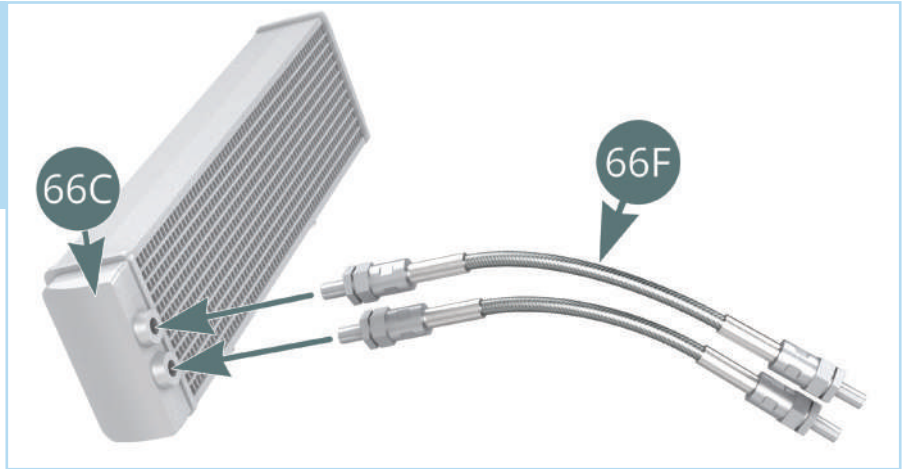
Push each of the ends of a **metal hose (66F)** into a **connector (66G)**, then fit a **coupling (66D)** into the connectors in the orientation shown. Repeat this process to make a second metal hose.



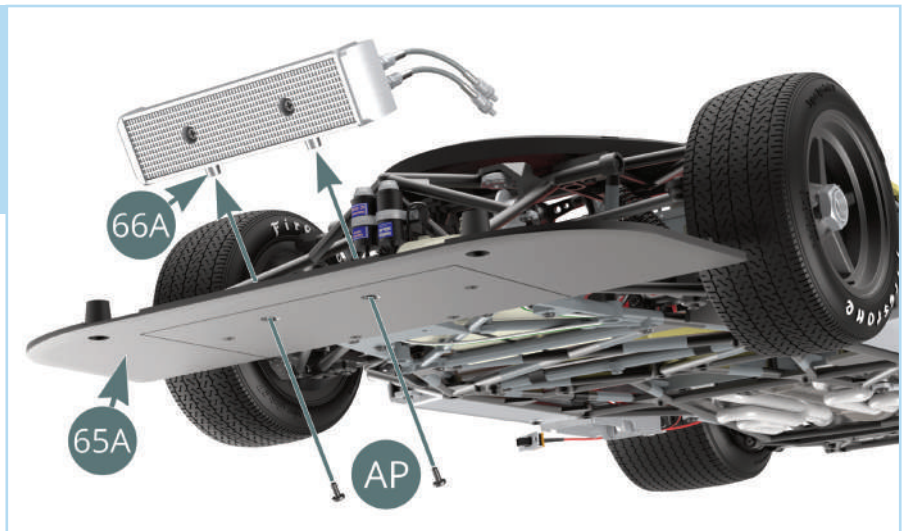
# STAGE 66: ASSEMBLING AND CONNECTING THE RADIATOR

## STEP 2

Connect the two **metal hoses (66F)** to the radiator by pressing the pins of their connectors into the holes of the **left radiator side (66C)**.



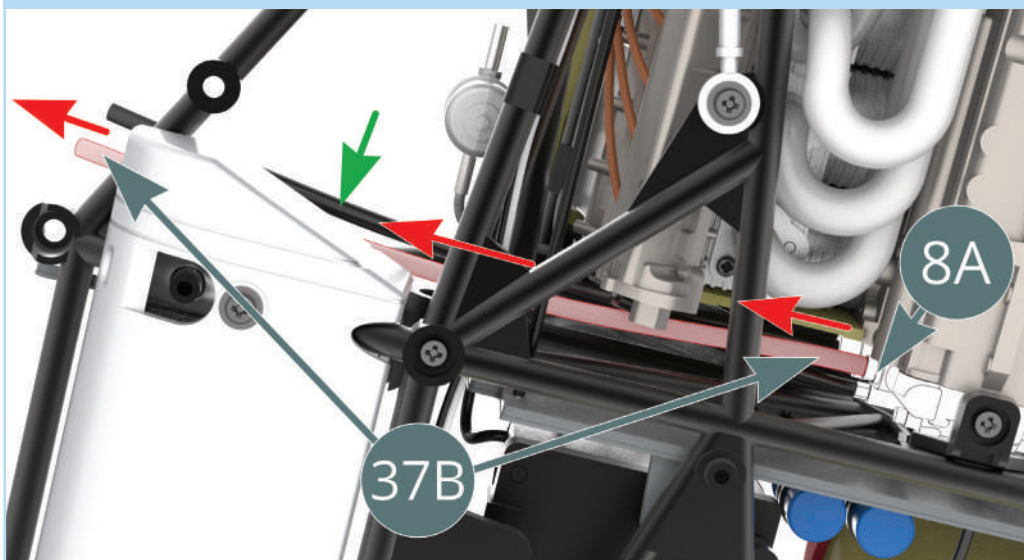
Position the lugs of the **radiator (66A)** into the corresponding holes of the **front floor panel (65A)** and secure it using two **AP screws**.



## STEP 3

Carefully turn the assembly over and detach the **water hose (37B)** from the pin of the **water pump housing (8A)** as shown by the red arrow.

Do not remove the second hose (green arrow), as it will be used to connect the oil tank later.





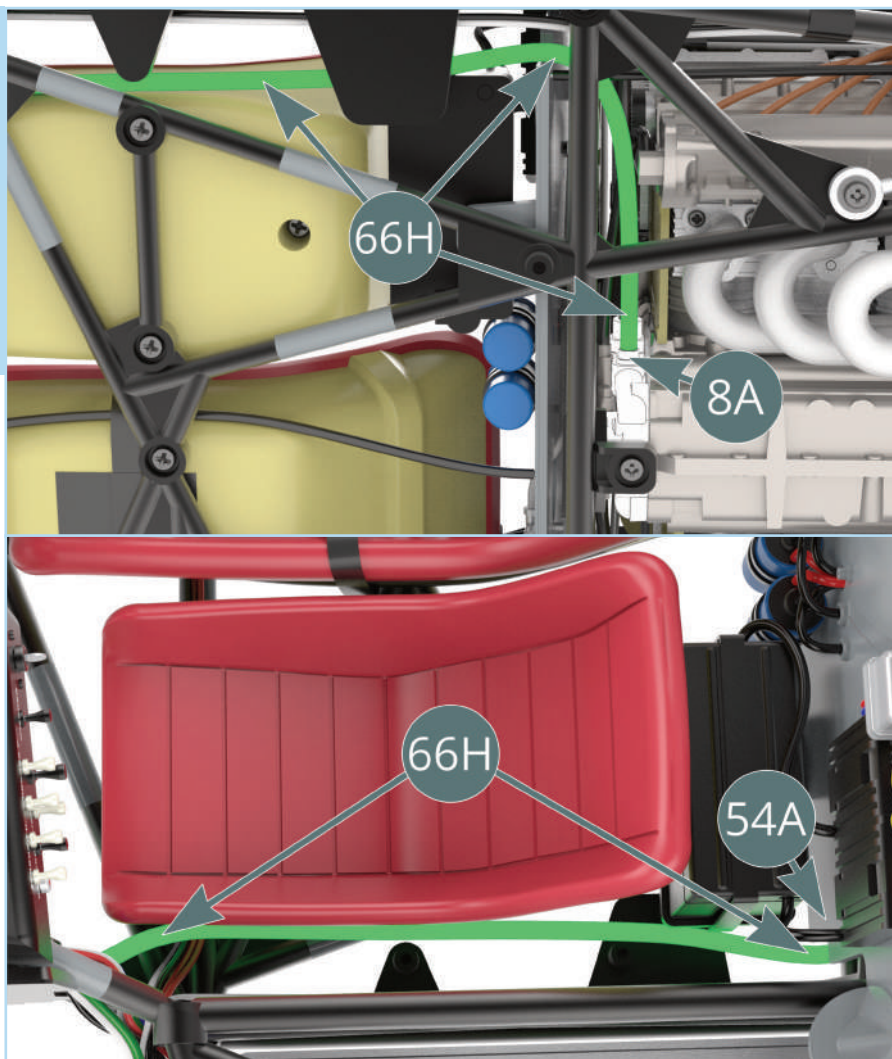
# STAGE 66: ASSEMBLING AND CONNECTING THE RADIATOR

Take the **cooling water pipe roll (66H)** and cut two lengths of hose measuring 285 mm.



## STEP 4

Fit a length of the **cooling water pipe (66H)**, highlighted green, over the pin of the **water pump housing (8A)** from which the hose was removed in Step 3. Run the hose under the edge of the **cockpit bulkhead (54A)** and along the side of the passenger seat (bottom image).

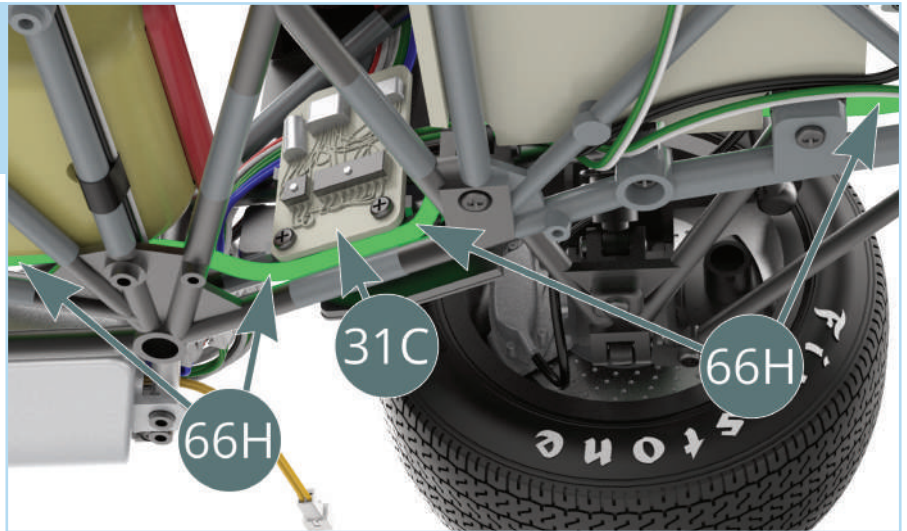




# STAGE 66: ASSEMBLING AND CONNECTING THE RADIATOR

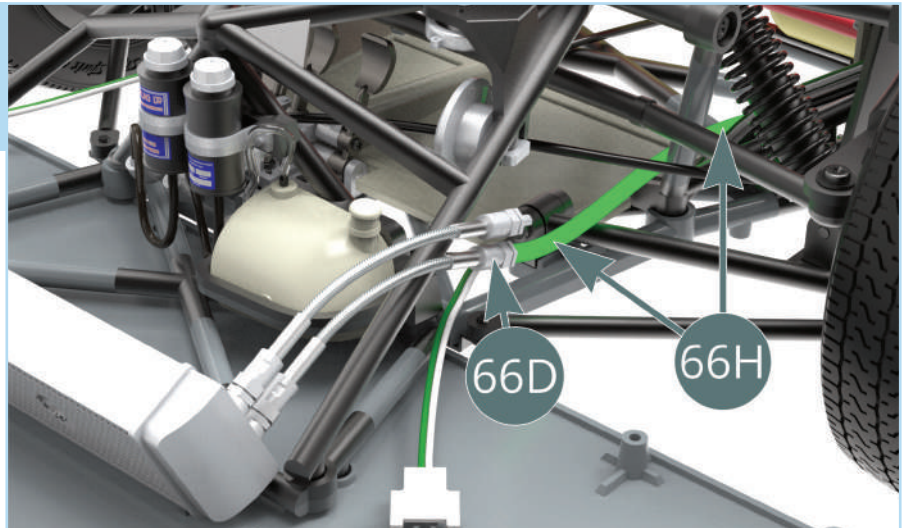
## STEP 5

Guide the **cooling water pipe (66H)** underneath the **wiring board (31C)** and towards the front of the model.



Connect the **cooling water pipe (66h)** to the **coupling (66D)** of the lower hose.

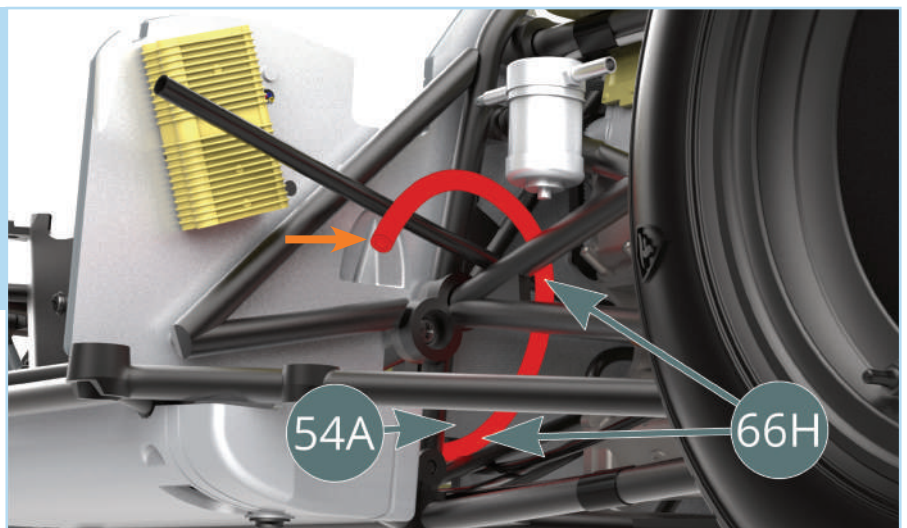
Before connecting the pipe to the coupling, you may wish to trim it to length by removing any excess piping if needed.



## STEP 6

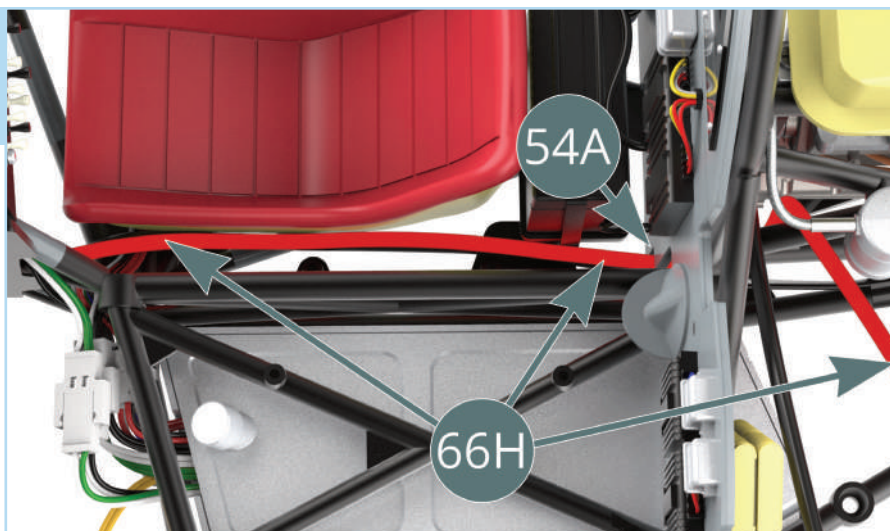
Take the other length of **cooling water pipe (66H)**, highlighted red, and pass it through the left side of the frame and under the **cockpit bulkhead (54A)** as shown. The other end (orange arrow) will be left loose for now.

Once the end of the pipe is near the gap in the bulkhead, you can use a pair of tweezers to grasp it and pull it through.



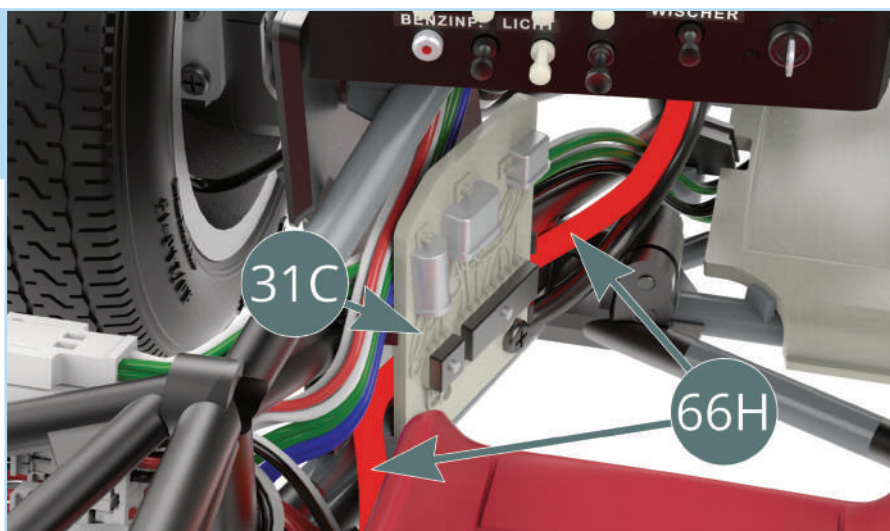
# STAGE 66: ASSEMBLING AND CONNECTING THE RADIATOR

Run the **cooling water pipe (66H)** through towards the front of the model as shown.

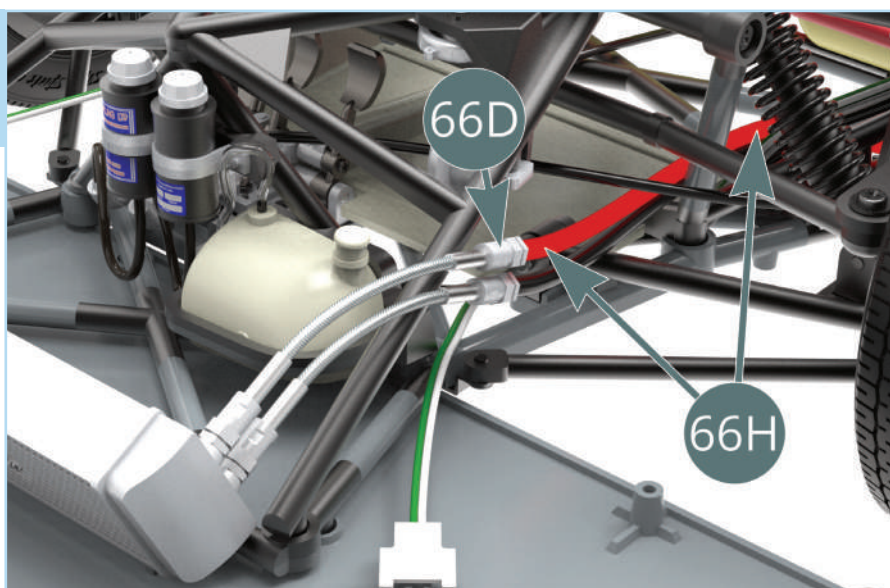


## STEP 7

Slide the **cooling water pipe (66H)** behind the **wiring board (31C)**, then run it through to the front of the model.



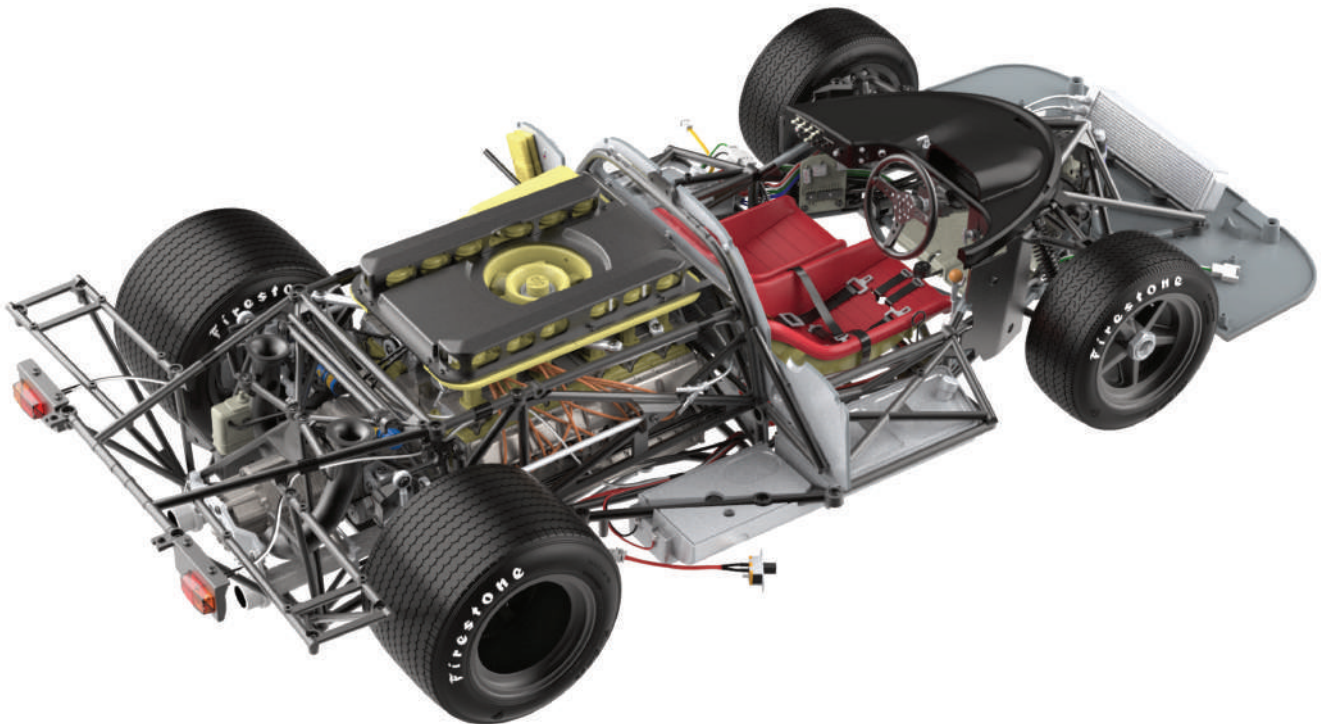
Connect the **cooling water pipe (66h)** to the **coupling (66D)** of the upper metal hose.





# STAGE 66: ASSEMBLING AND CONNECTING THE RADIATOR

STAGE COMPLETE



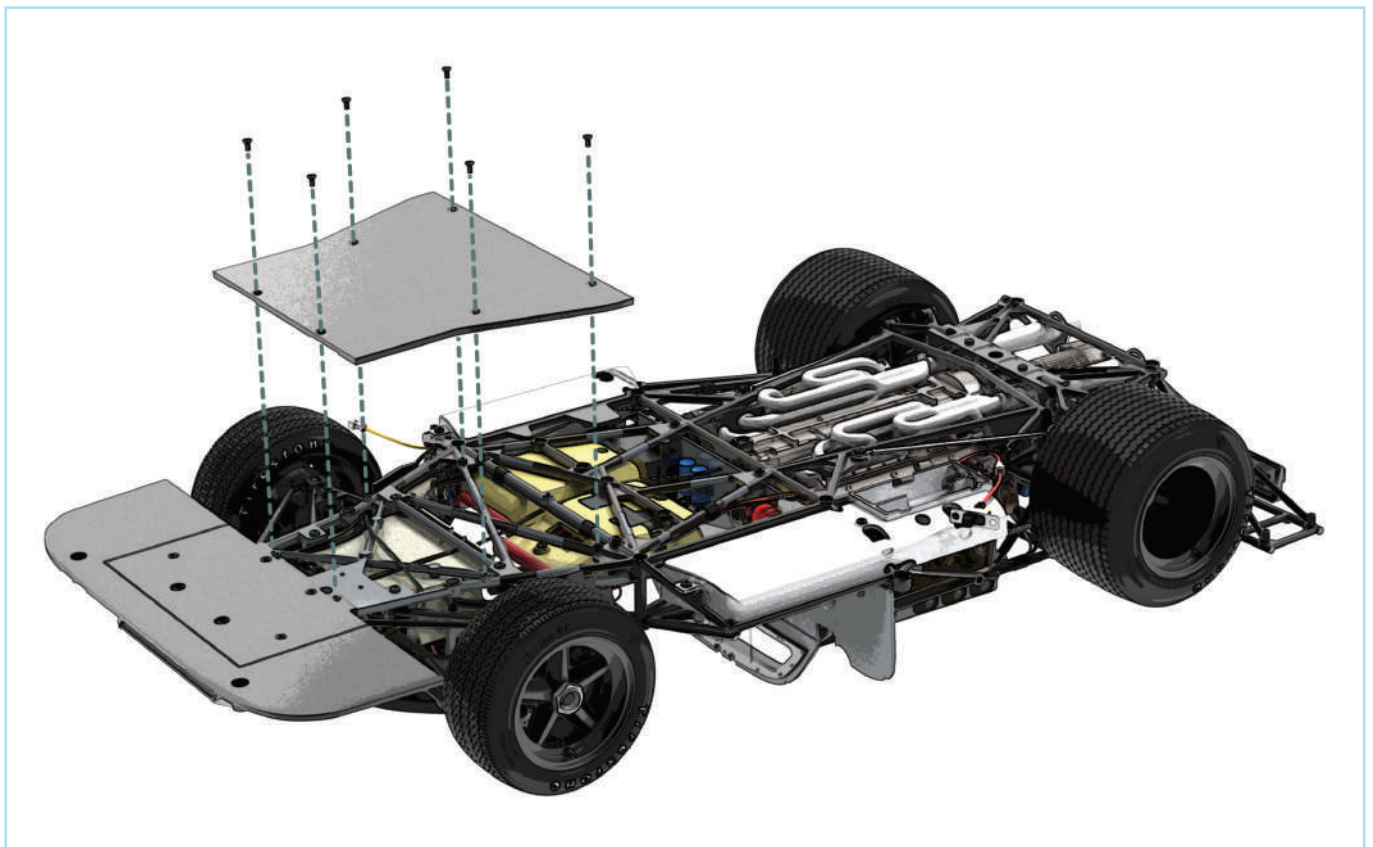
# STAGE 67: ATTACHING THE COCKPIT FLOOR PANEL

**67A** Cockpit floor panel

**PM** Screw 2.0 x 4 mm (x7)



## ASSEMBLY DIAGRAM

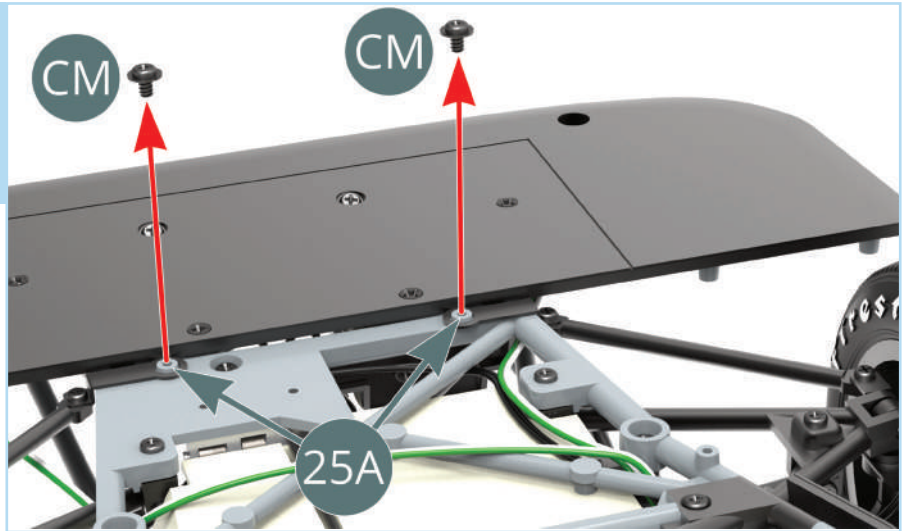




# STAGE 67: ATTACHING THE COCKPIT FLOOR PANEL

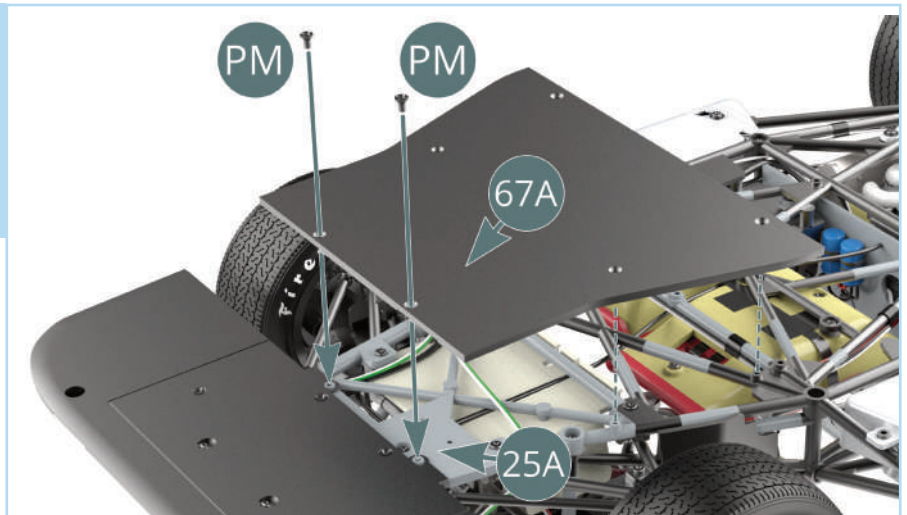
## STEP 1

Carefully turn the assembly upside down and unscrew the two **CM** screws from the **chassis (25A)**, as indicated by the red arrows.



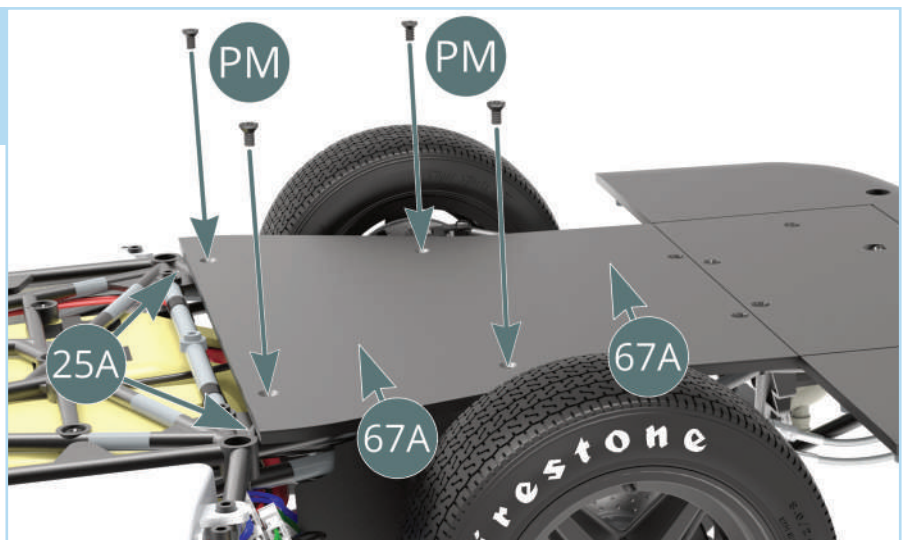
## STEP 2

Align the **cockpit floor panel (67A)** as shown and fit it onto the **chassis (25A)**. Drive two **PM** screws into the holes from which the screws were removed in the previous step.



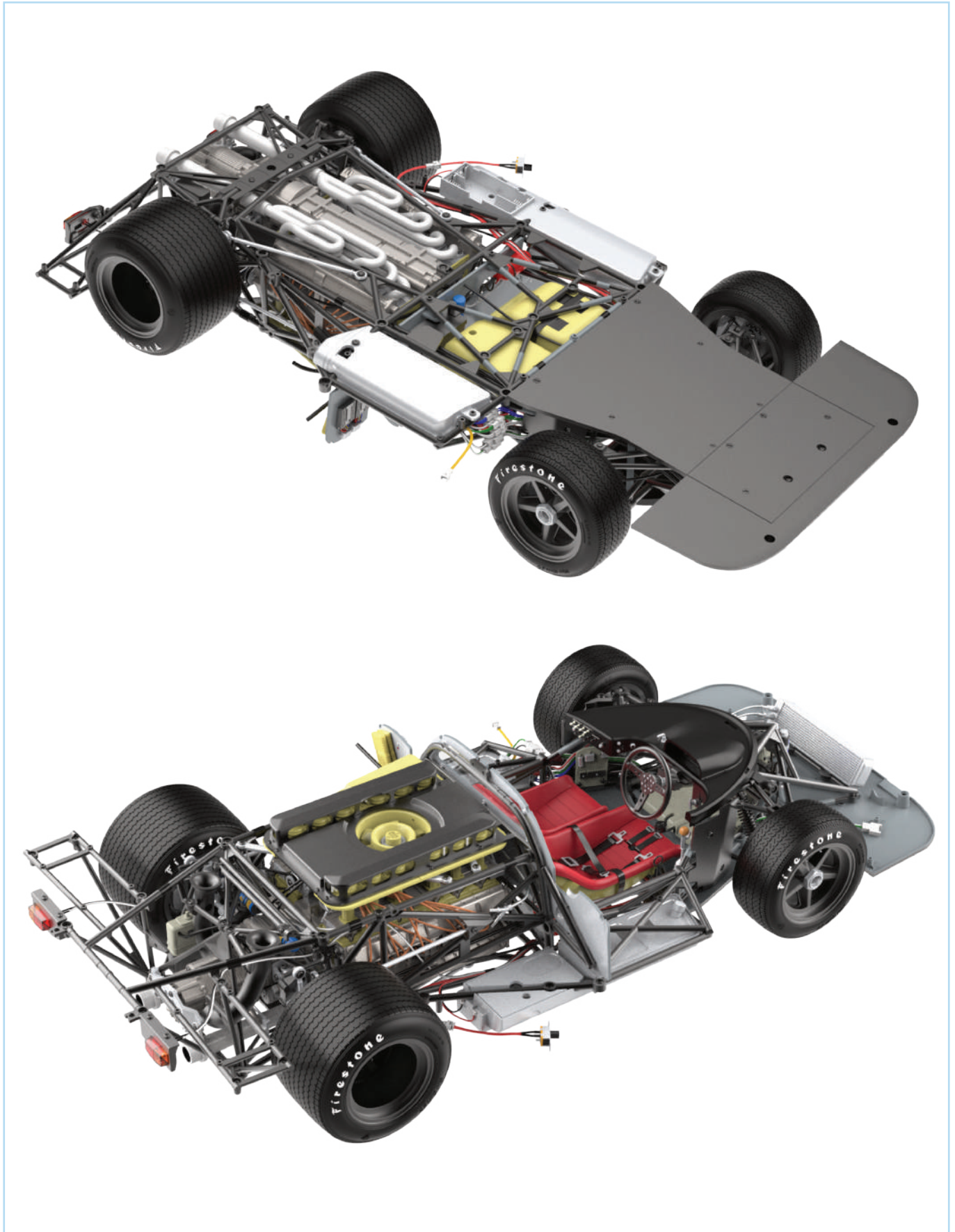
## STEP 3

Fix the panel to the chassis by driving four **PM** screws into the remaining holes as shown.



# STAGE 67: ATTACHING THE COCKPIT FLOOR PANEL

STAGE COMPLETE



# STAGE 68: FITTING THE COCKPIT HOUSING AND THE HANDBRAKE

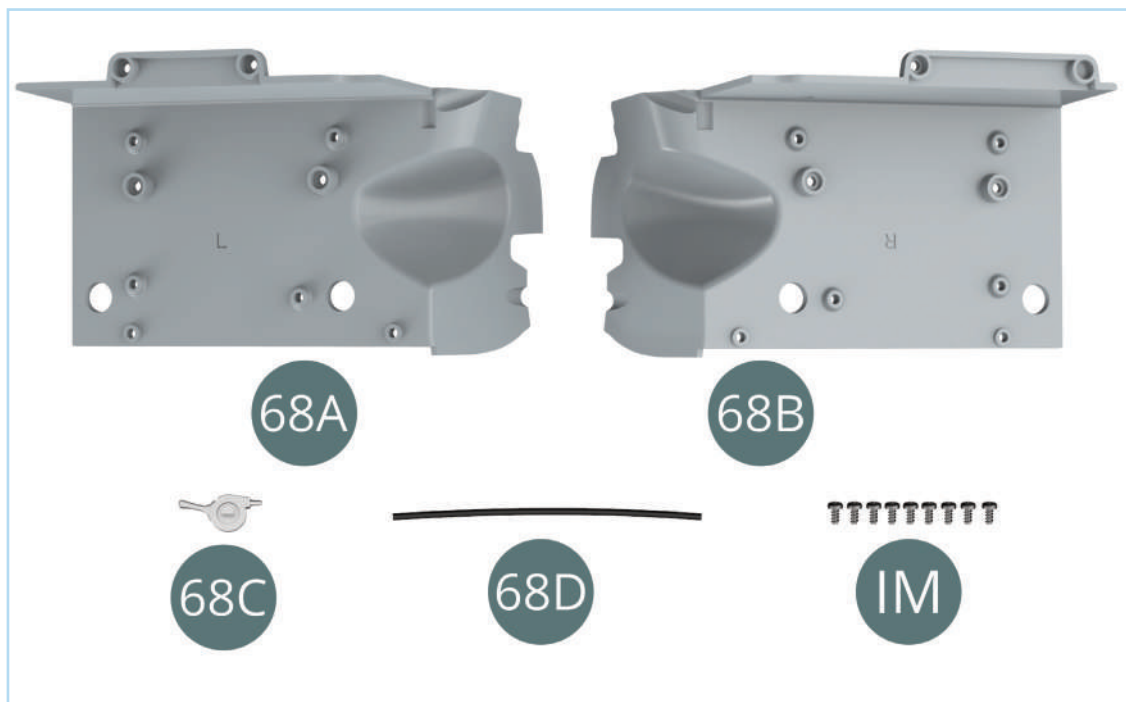
**68A** Left cockpit housing

**IM** Screw 1.7 x 3.5 mm (x9)

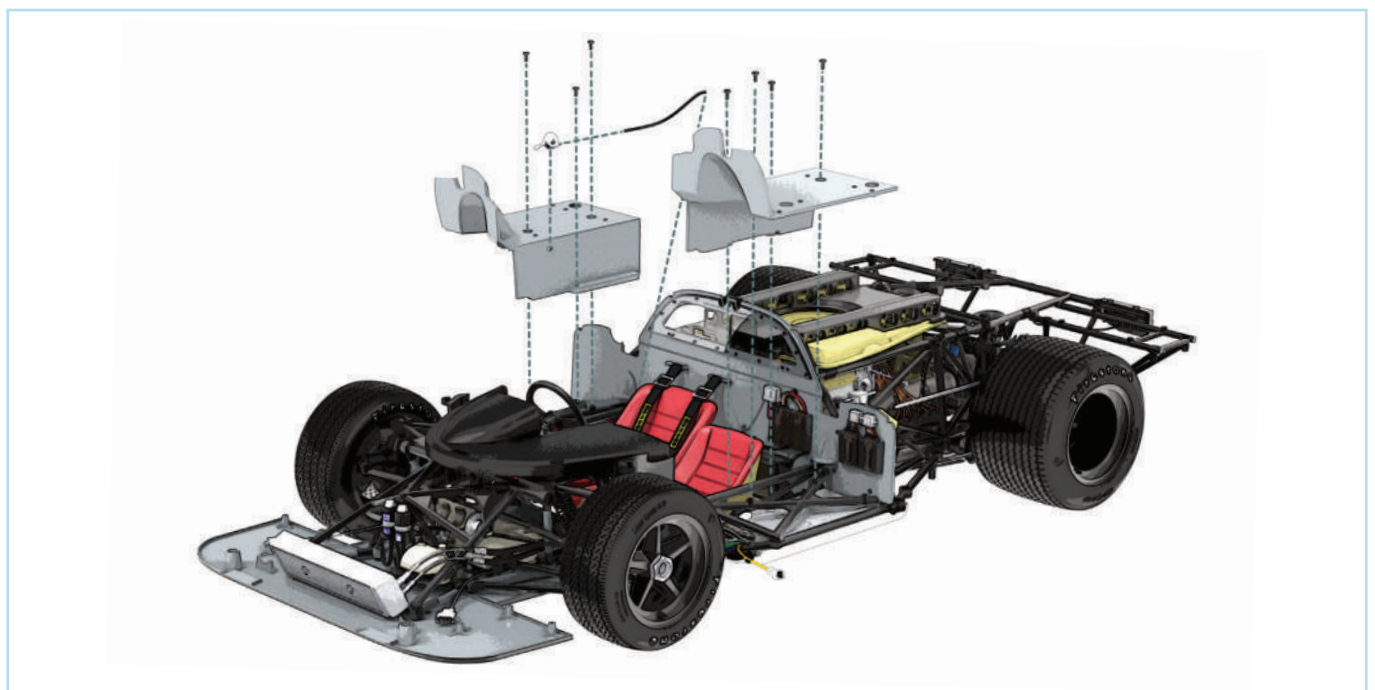
**68B** Right cockpit housing

**68C** Handbrake

**68D** Handbrake cable



## ASSEMBLY DIAGRAM

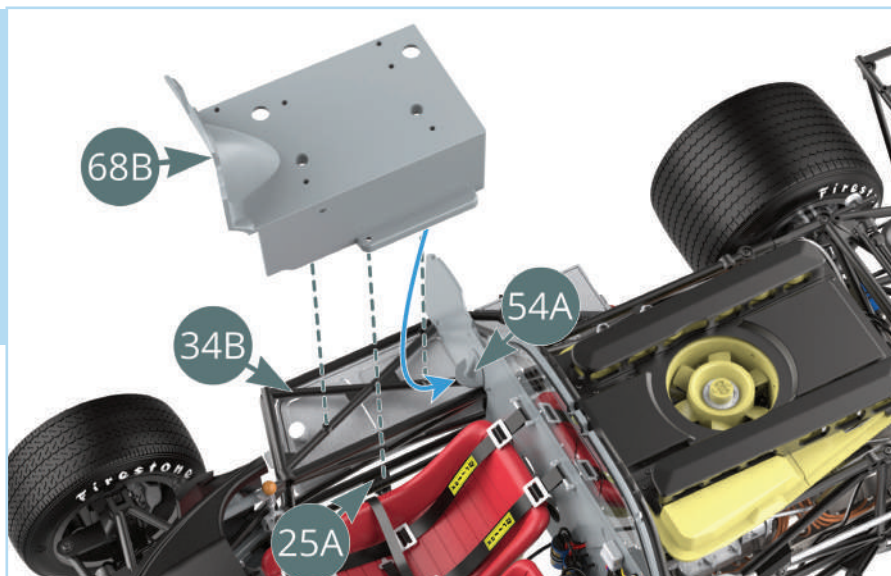




# STAGE 68: FITTING THE COCKPIT HOUSING AND THE HANDBRAKE

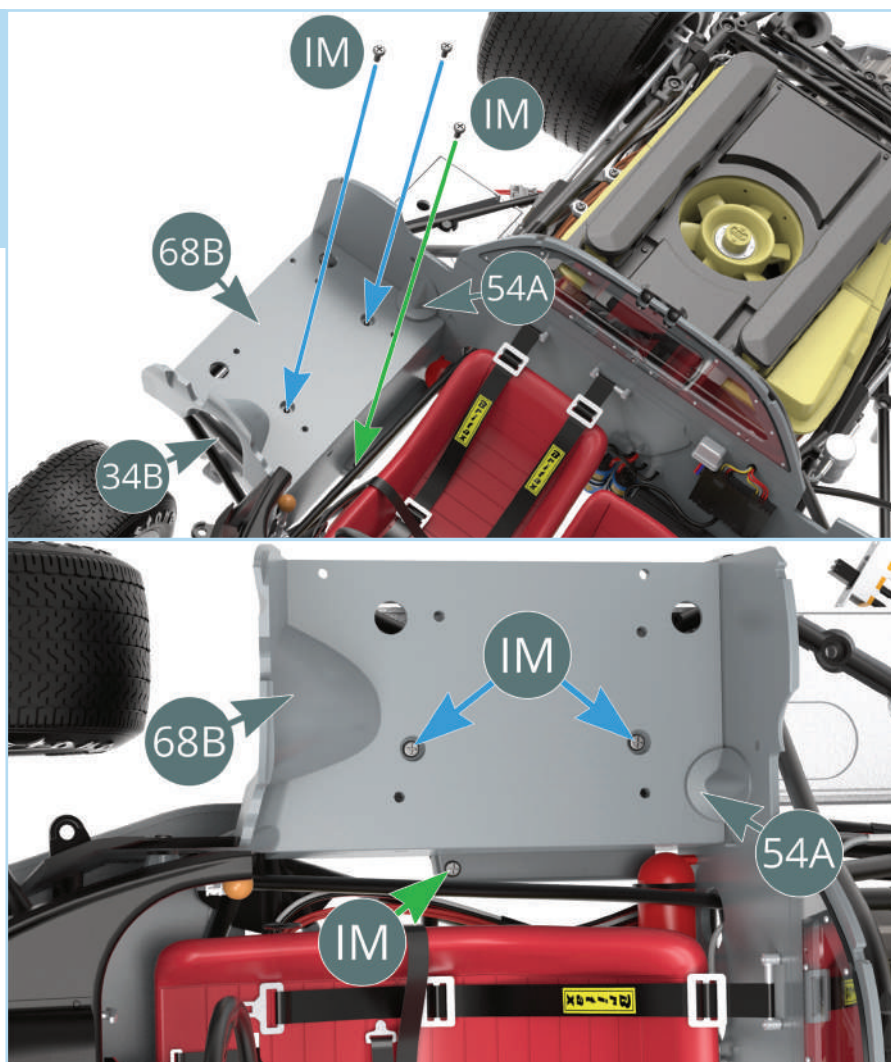
## STEP 1

Align the **right cockpit housing (68B)** with the assembly as shown. Fit the housing onto the **chassis (25A)** and **tubular frame (34B)**. While fitting, ensure the rear edge slides under the **cockpit bulkhead (54A)** as shown by the blue arrow.



## STEP 2

Fix the **right cockpit housing (68B)** to the **tubular frame (34B)** using two **IM** screws (blue arrows). Fix it to the **chassis (25A)** using another **IM** screw (green arrow).



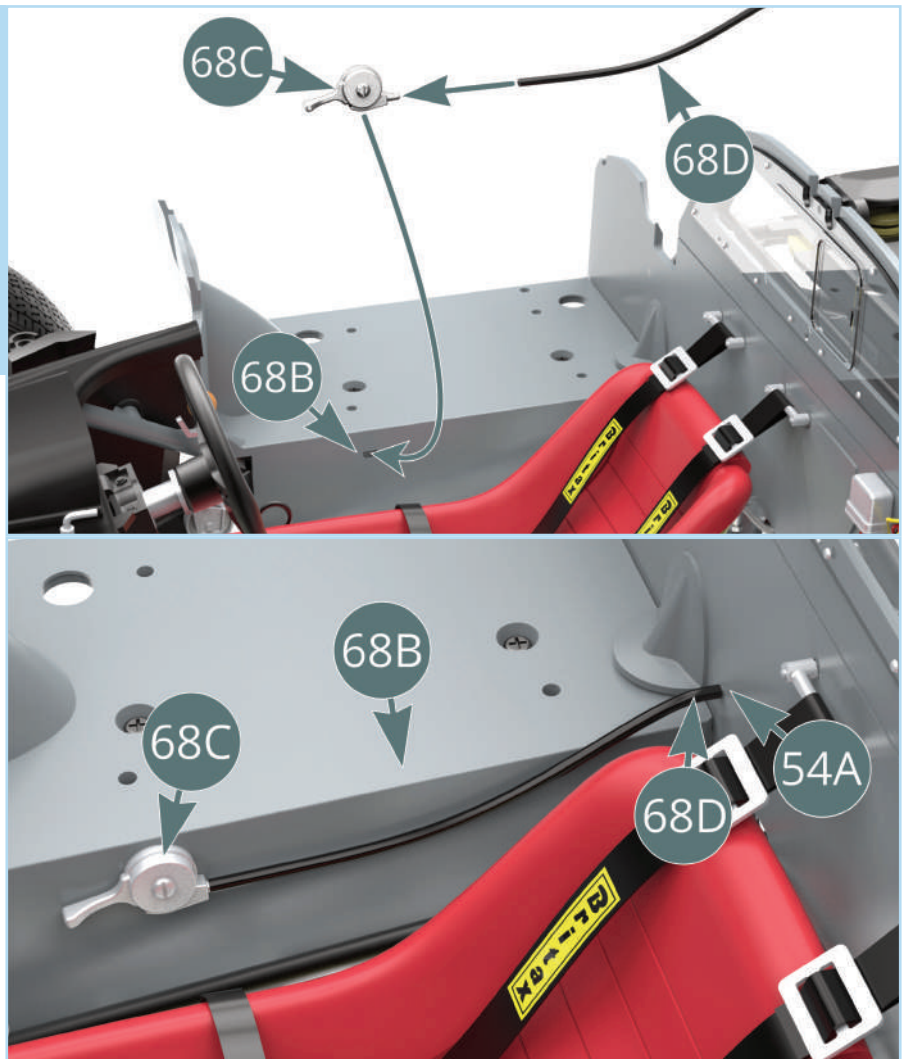


# STAGE 68: FITTING THE COCKPIT HOUSING AND THE HANDBRAKE

## STEP 3

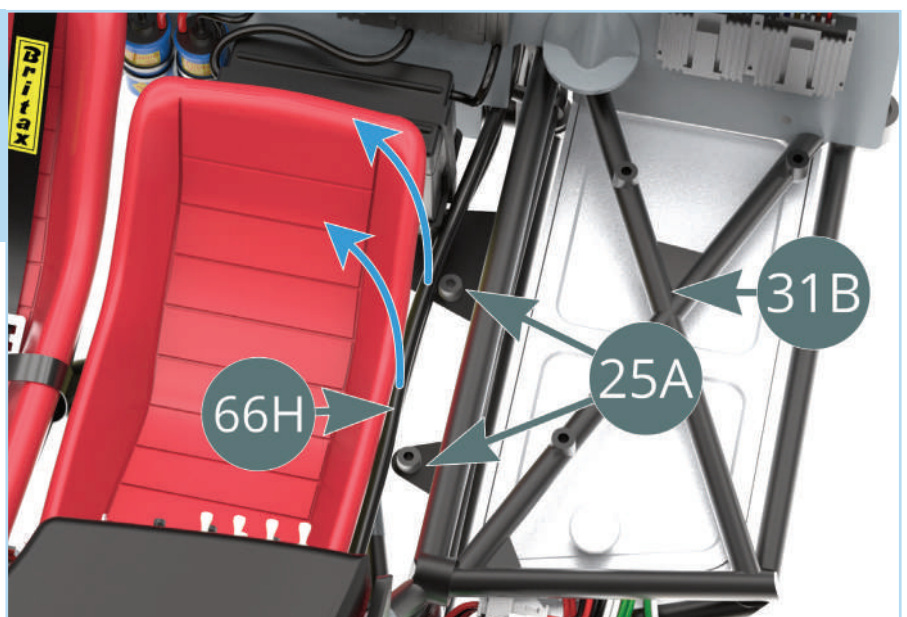
Fit the **handbrake cable (68D)** onto the pin of the **handbrake (68C)**, then press the handbrake into the shaped hole of the **right cockpit housing (68B)**. Connect the loose end of the handbrake cable onto the pin of the **cockpit bulkhead (54A)** as shown in the bottom image.

You may wish to trim the handbrake cable to length before fitting it to the pin of the bulkhead. Test fit the part first then trim as needed.



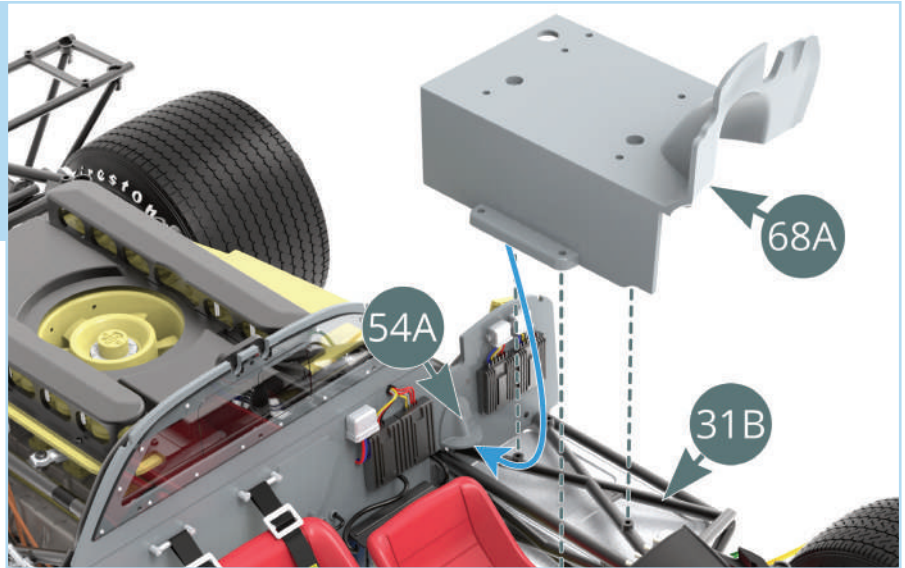
## STEP 4

Before fitting the left cockpit housing, reposition the two **cooling water pipes (66H)** away from the screw holes in the **chassis (25A)** as shown by the blue arrows.



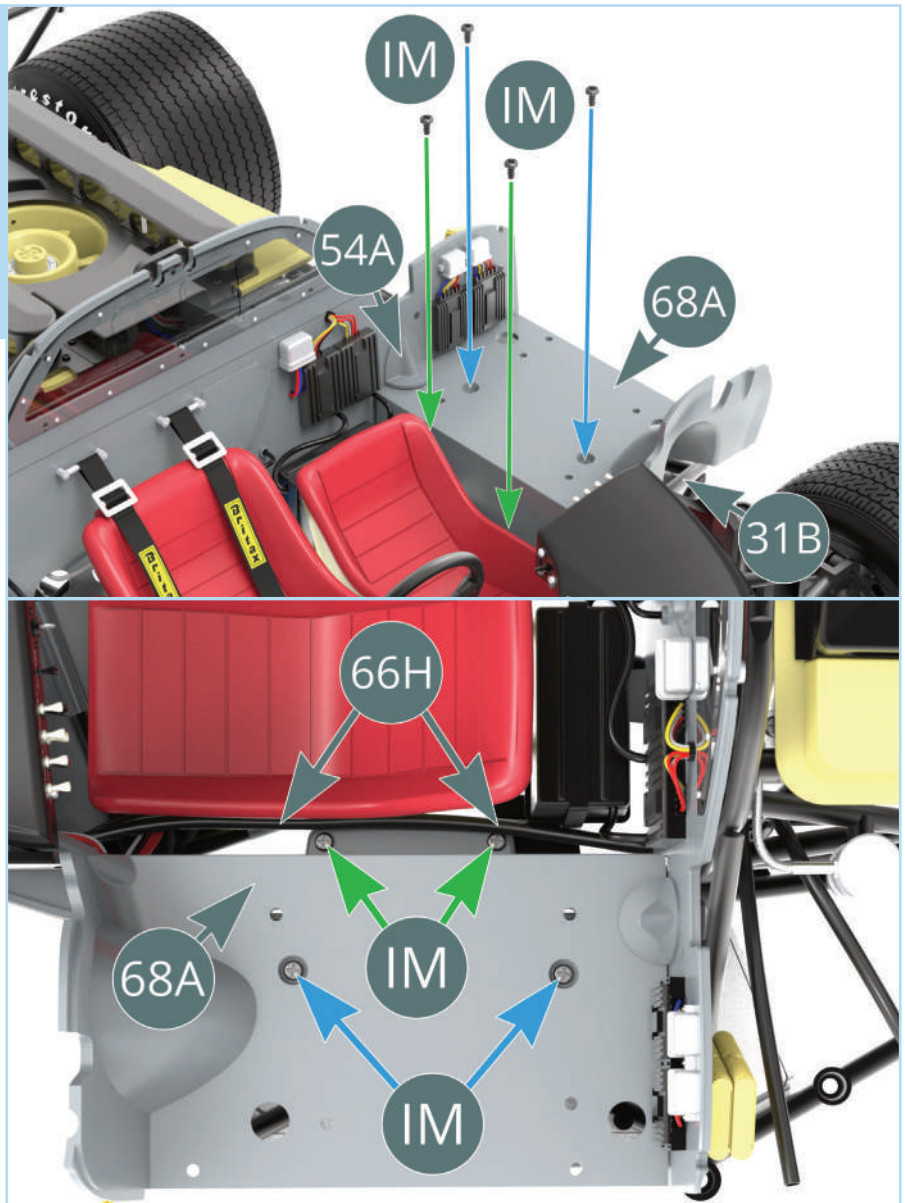
# STAGE 68: FITTING THE COCKPIT HOUSING AND THE HANDBRAKE

Fit the **left cockpit housing (68A)** onto the **tubular frame (31B)**, ensuring the rear edge slides under the **cockpit bulkhead (54A)** in the same manner as before.



## STEP 5

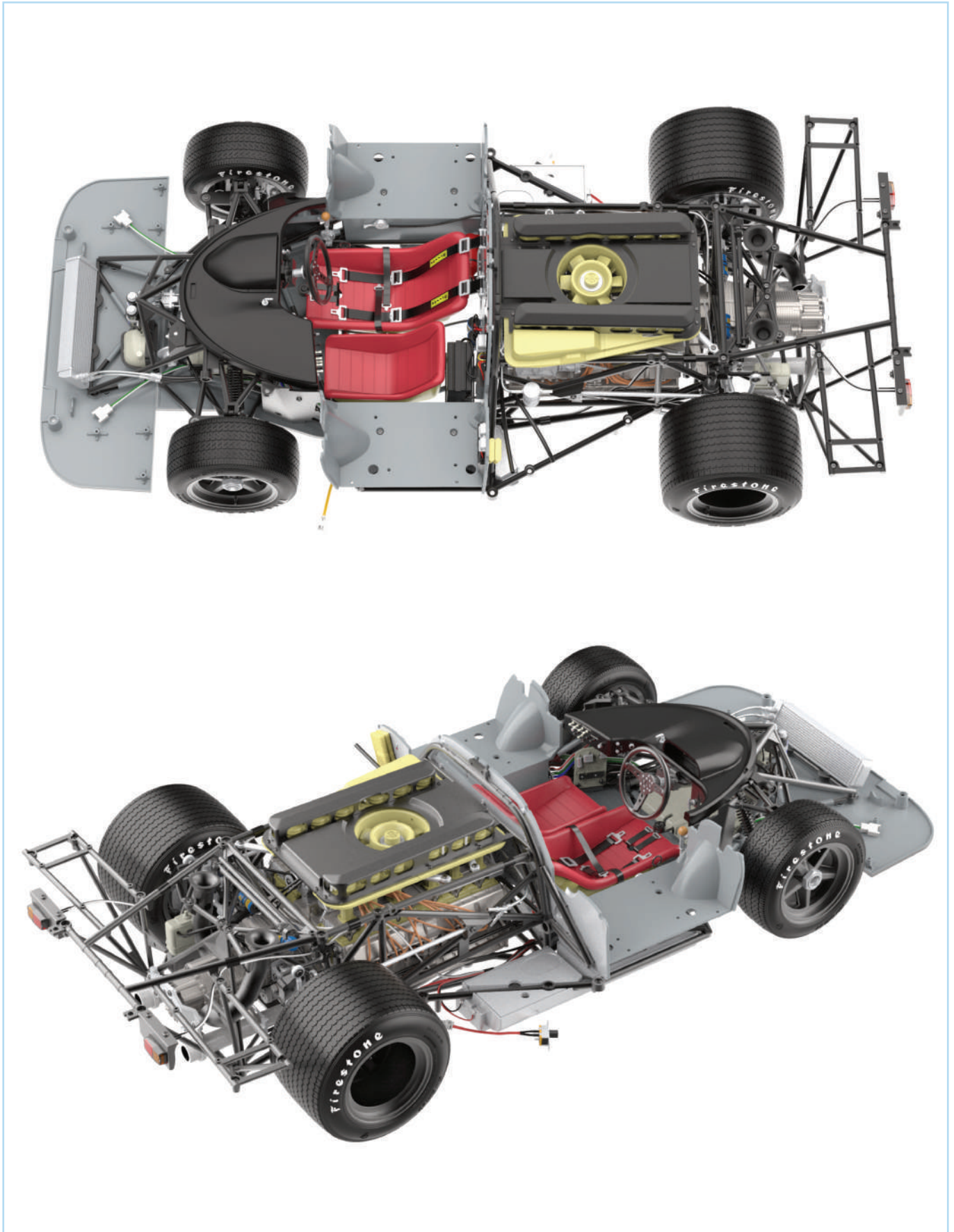
Secure the left cockpit housing in place using four **IM** screws, driving two into the chassis (green arrows) and two into the tubular frame (blue arrows). Once secured, the two **cooling water pipes (66H)** can be moved back into position as shown in the bottom image.





# STAGE 68: FITTING THE COCKPIT HOUSING AND THE HANDBRAKE

STAGE COMPLETE





# STAGE 69: MOUNTING THE FUEL PUMP ON THE LEFT CHASSIS PLATE

**69A** Left chassis plate

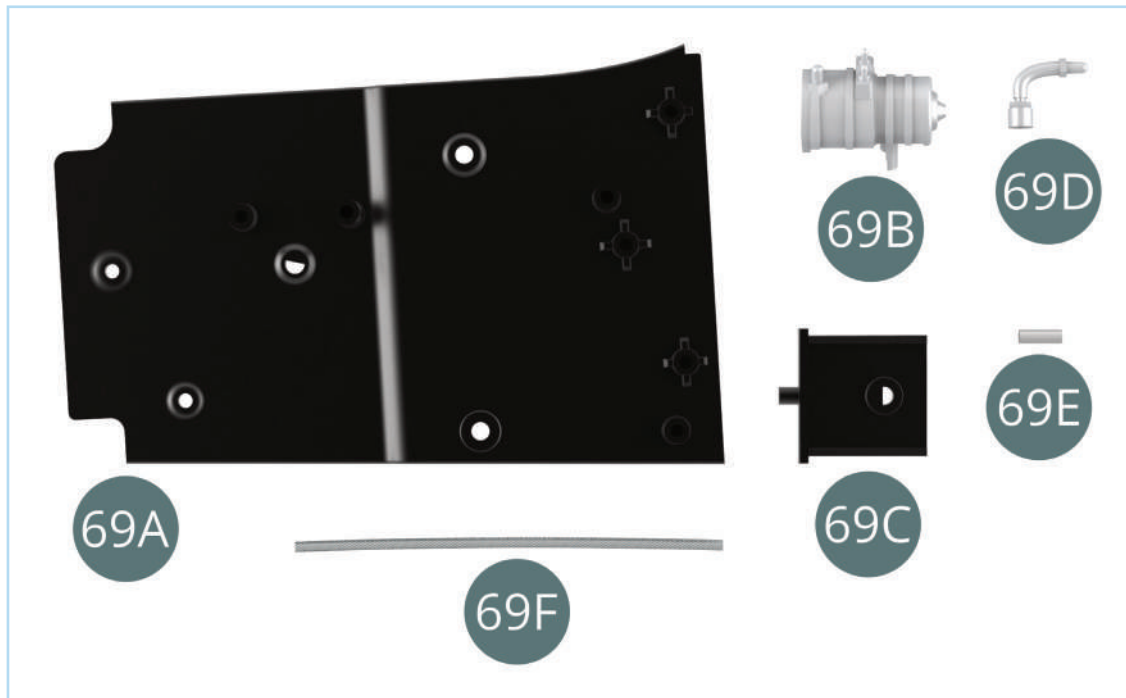
**69B** Fuel pump

**69C** Protective shield

**69D** Pump fitting

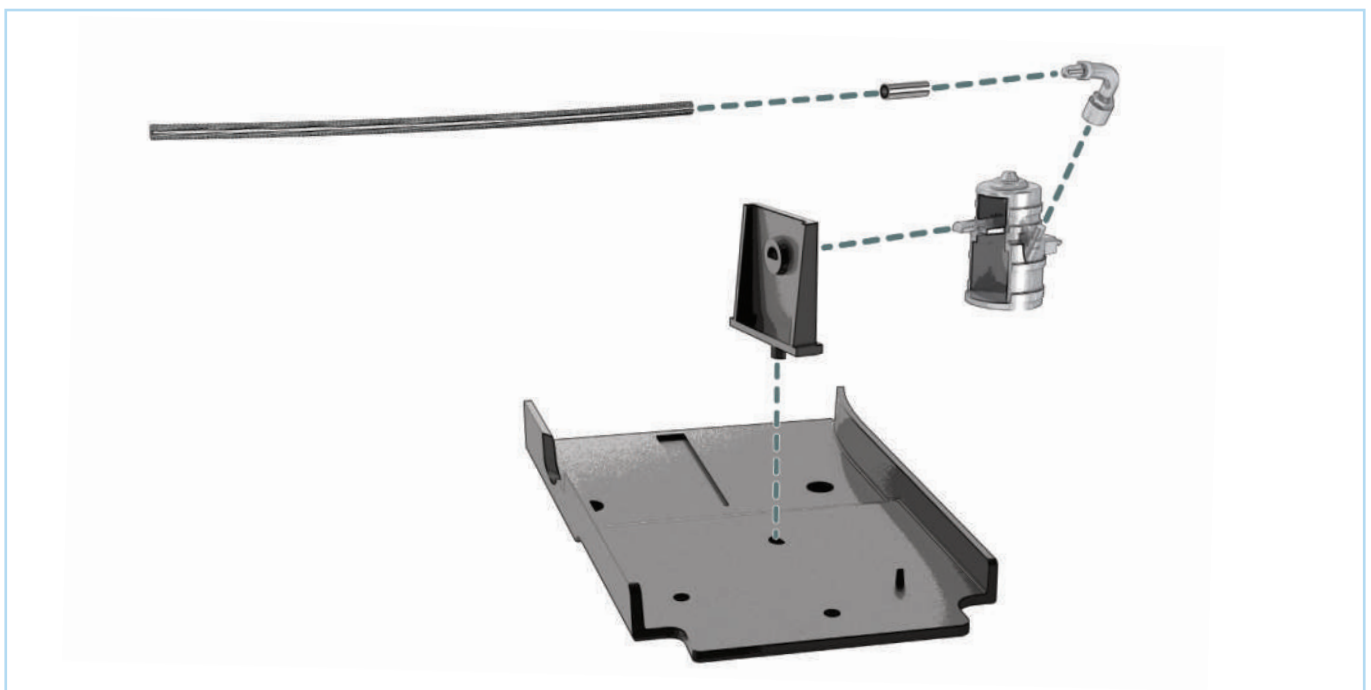
**69E** Connector

**69F** Braided fuel line



Some of the fuel piping will be modified at the end of the build. **Do not** glue any of the fuel pipework parts fitted in Packs 10 and 11.

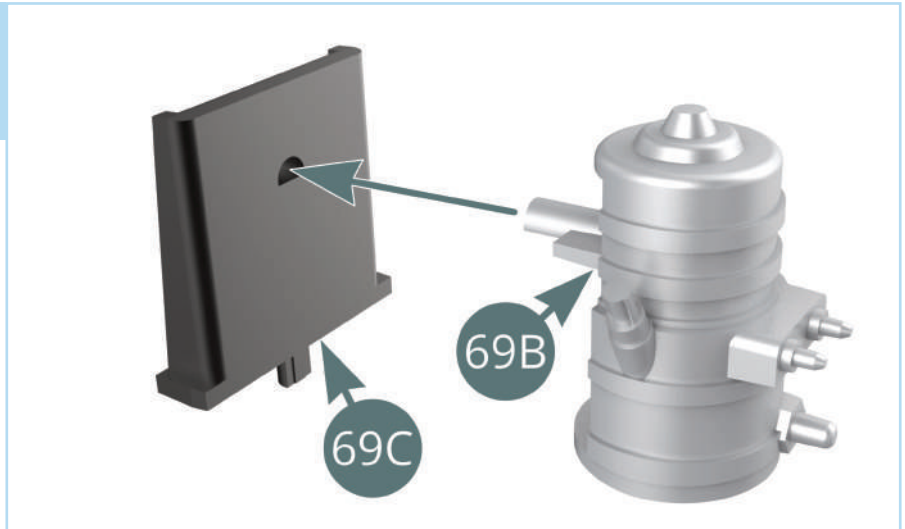
## ASSEMBLY DIAGRAM



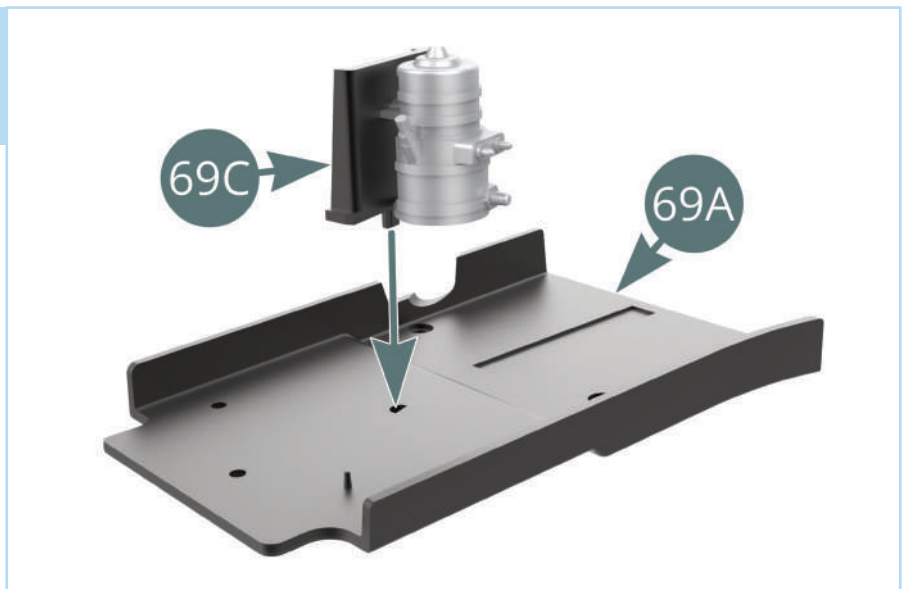
# STAGE 69: MOUNTING THE FUEL PUMP ON THE LEFT CHASSIS PLATE

## STEP 1

Press the **fuel pump (69B)** into the shaped hole of the **protective shield (69C)**.

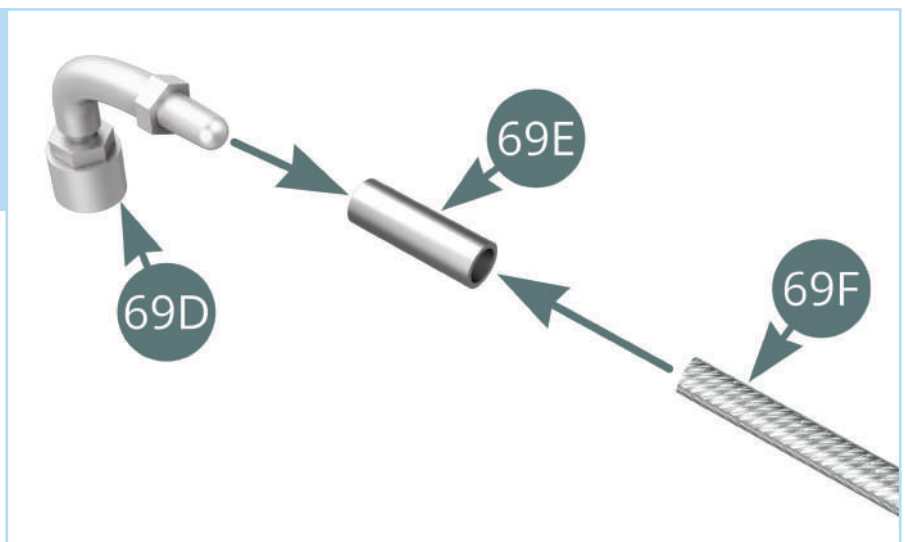


Fit the **protective shield (69C)** into the shaped hole of the **left chassis plate (69A)**.



## STEP 2

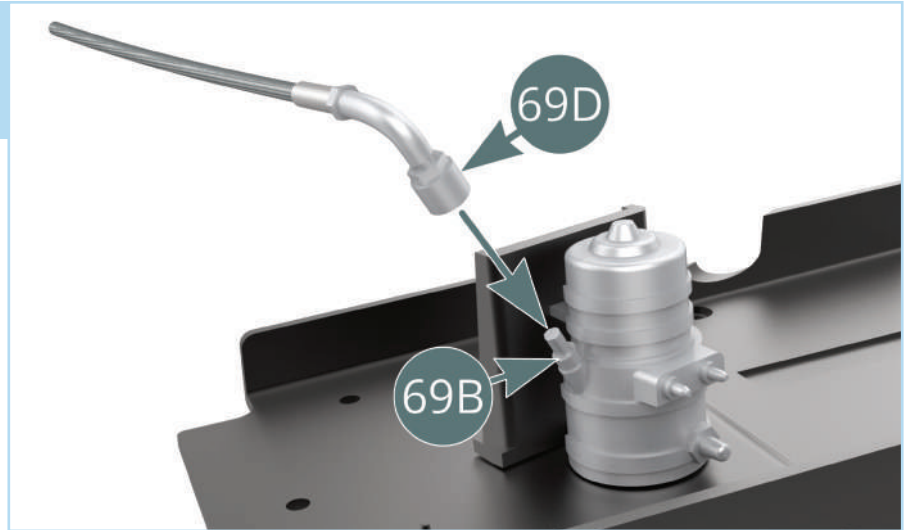
Fit one end of the **braided fuel line (69F)** into the **connector (69E)**, then fit the **pump fitting (69D)** into the other end of the connector.



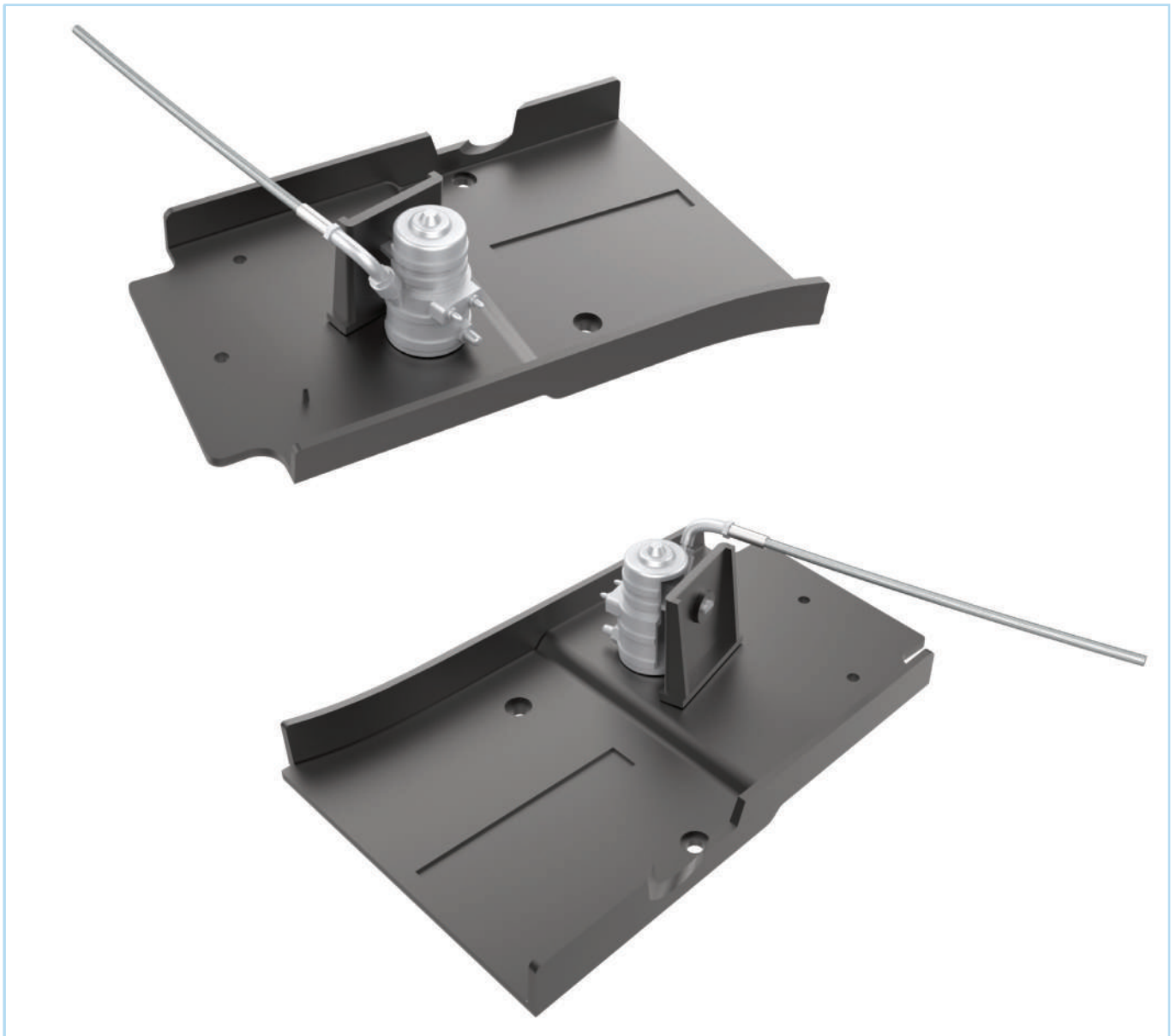


# STAGE 69: MOUNTING THE FUEL PUMP ON THE LEFT CHASSIS PLATE

Connect the **pump fitting (69D)** onto the pin of the **fuel pump (69B)**.



**STAGE COMPLETE**



# STAGE 70: INSTALLING THE FUEL MANIFOLD AND ATTACHING FUEL LINES

**70A** Oil tank support frame

**70B** Fuel manifold

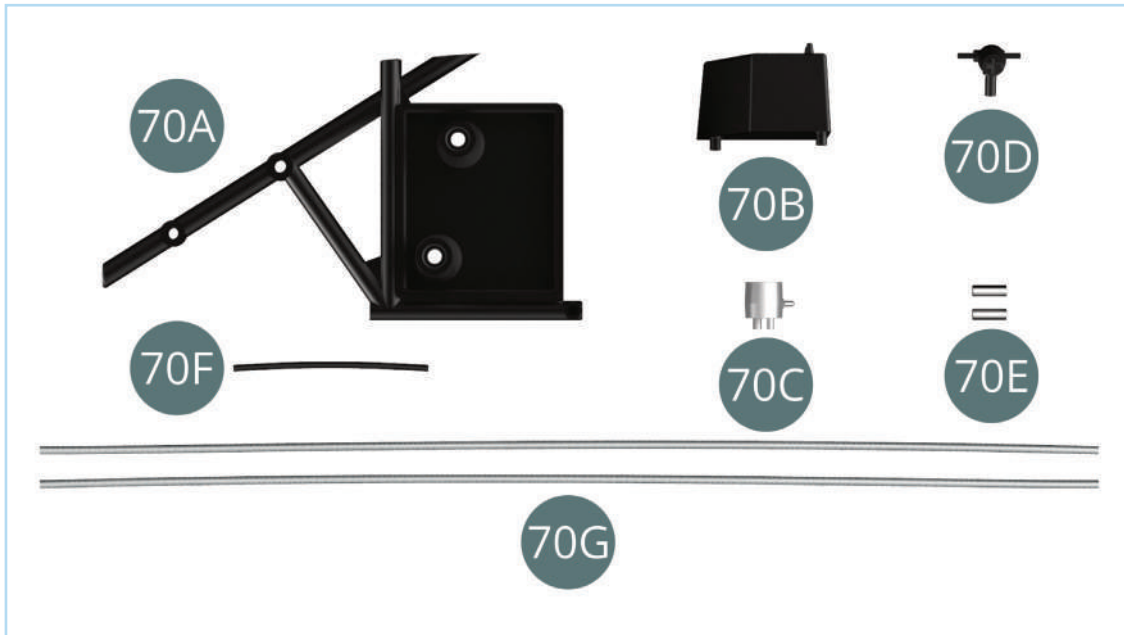
**70C** Cap

**70D** Electrical switch

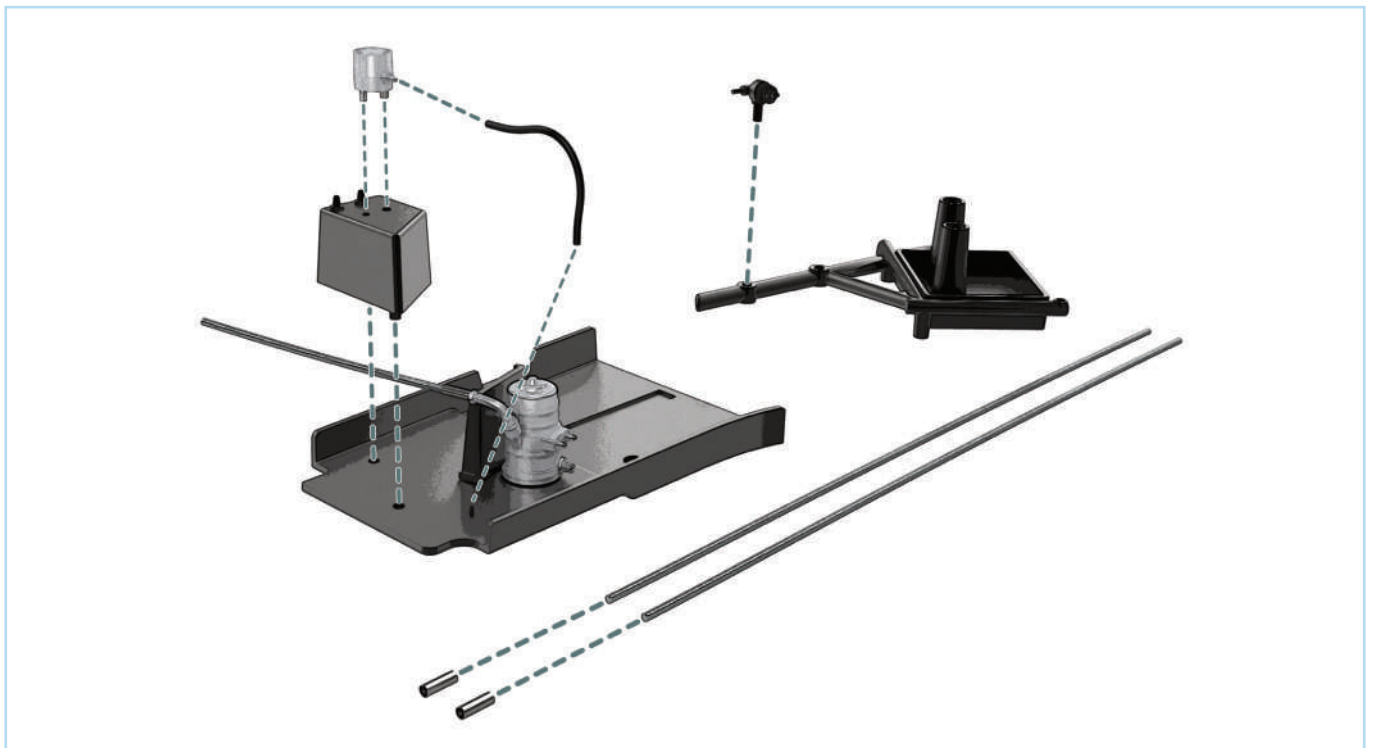
**70E** Connector (x2)

**70F** Fuel hose

**70G** Braided fuel line (x2)



## ASSEMBLY DIAGRAM

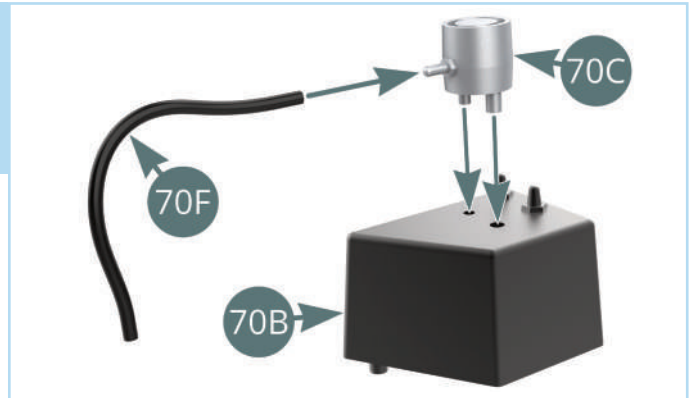




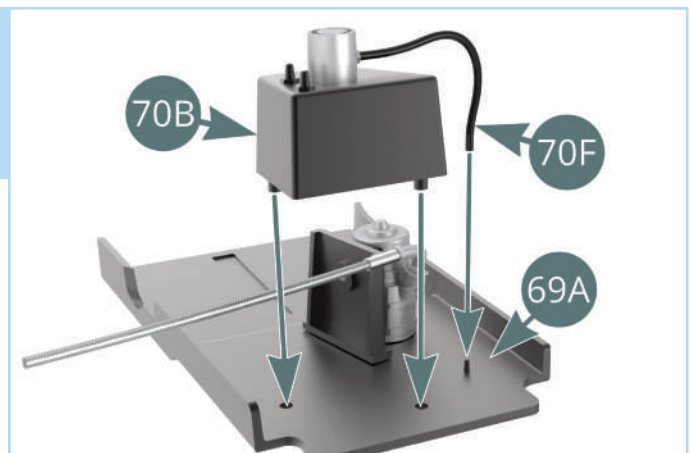
# STAGE 70: INSTALLING THE FUEL MANIFOLD AND ATTACHING FUEL LINES

## STEP 1

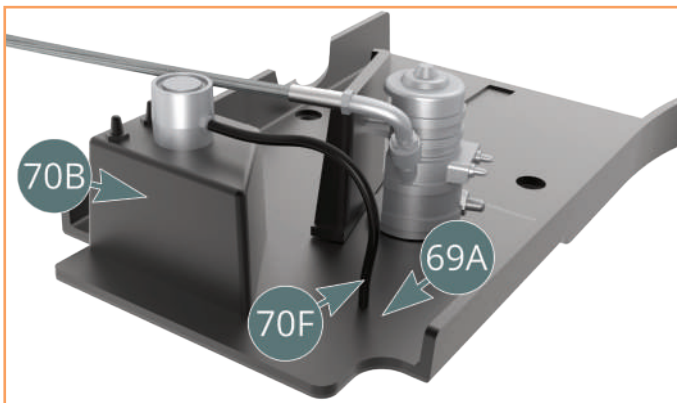
Take the **fuel hose (70F)** and fit it over the small pin of the **cap (70C)**, then press the cap into the **fuel manifold (70B)** using the corresponding pins and holes.



Push the columns of the **fuel manifold (70B)** into the holes of the **left chassis plate (69A)**. Connect the end of the **fuel hose (70F)** to the protruding pin of the chassis plate.



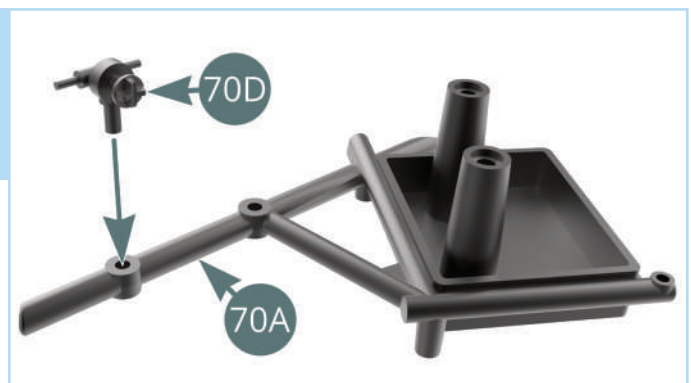
The fuel manifold should look like this once mounted onto the left chassis plate.



## STEP 2

Take the **oil tank support frame (70A)** and push the thick pin of the **electrical switch (70D)** into the hole. Make sure to orient it as shown in the image.

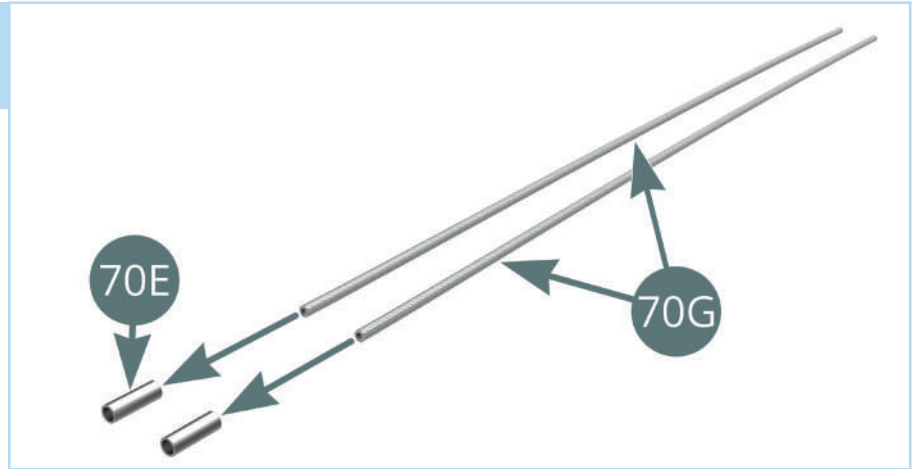
Make sure not to damage the two thin black pins of the electrical switch when pushing it in place.



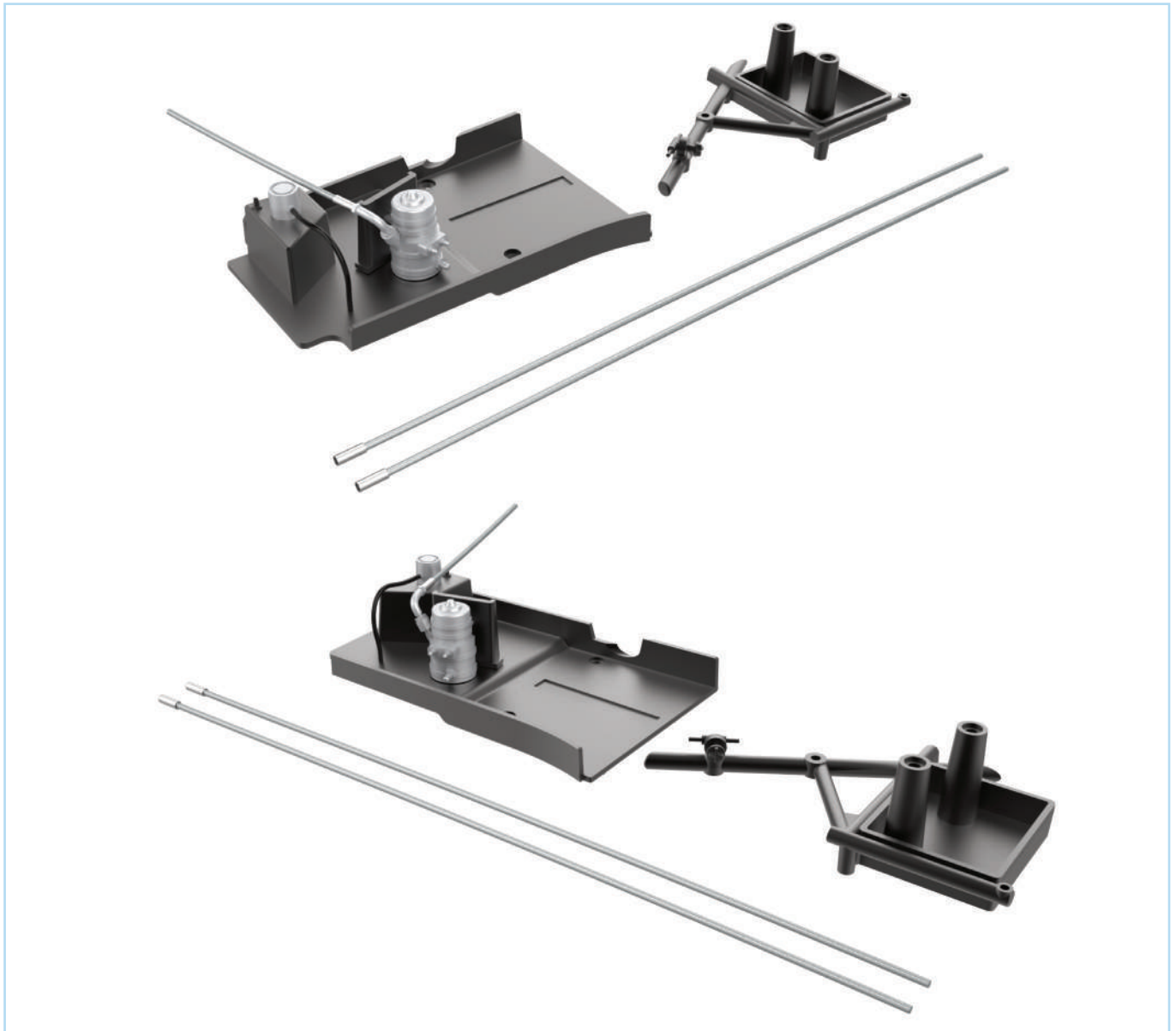
# STAGE 70: INSTALLING THE FUEL MANIFOLD AND ATTACHING FUEL LINES

## STEP 3

Fit the two **fuel hoses (70G)** into the **connectors (70E)**.



## STAGE COMPLETE





# STAGE 71: ASSEMBLING AND INSTALLING THE OIL TANK

**71A** Oil filler cap

**71B** Handle

**71C** Oil tank body

**71D** Oil tank body

**71E** Bracket

**71F** Strap

**71G** Thermostat

**71H** Oil hose roll

**71I** Oil hose

**71J** Support rod

**AP** Screw 1.7 x 4 mm (x5)

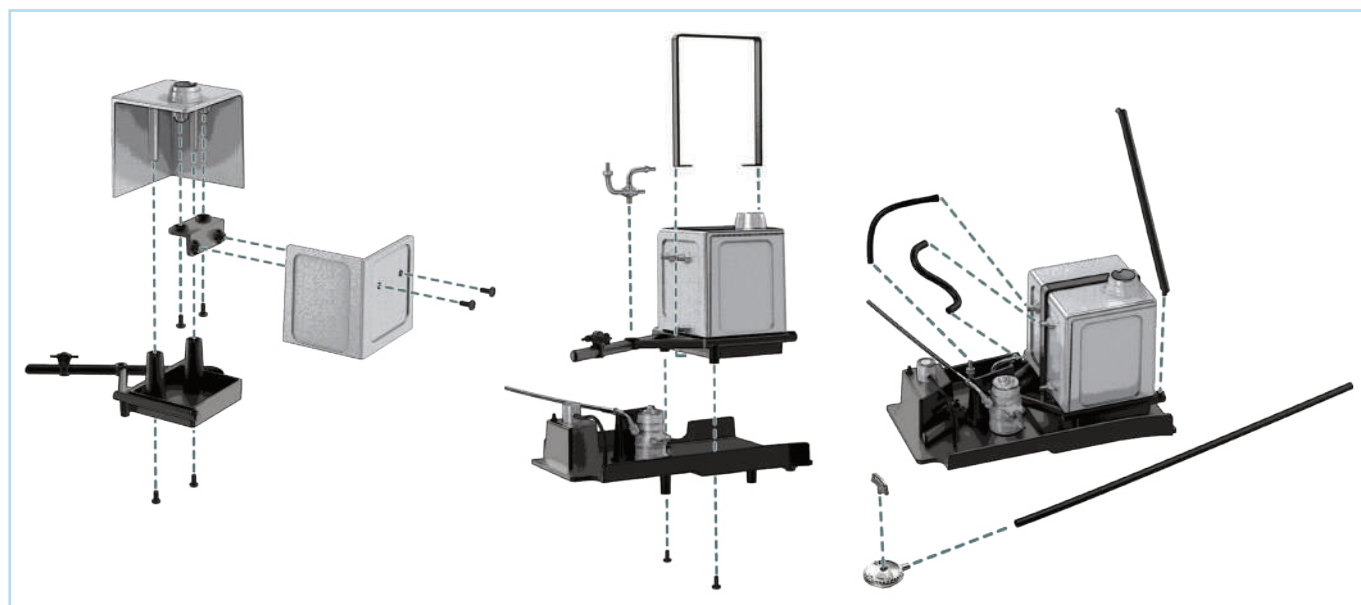
**MP** Screw 2.0 x 5 mm (x3)

**IM** Screw 1.7 x 3.5 mm (x3)

**BM** Screw 2.0 x 4 mm (x3)

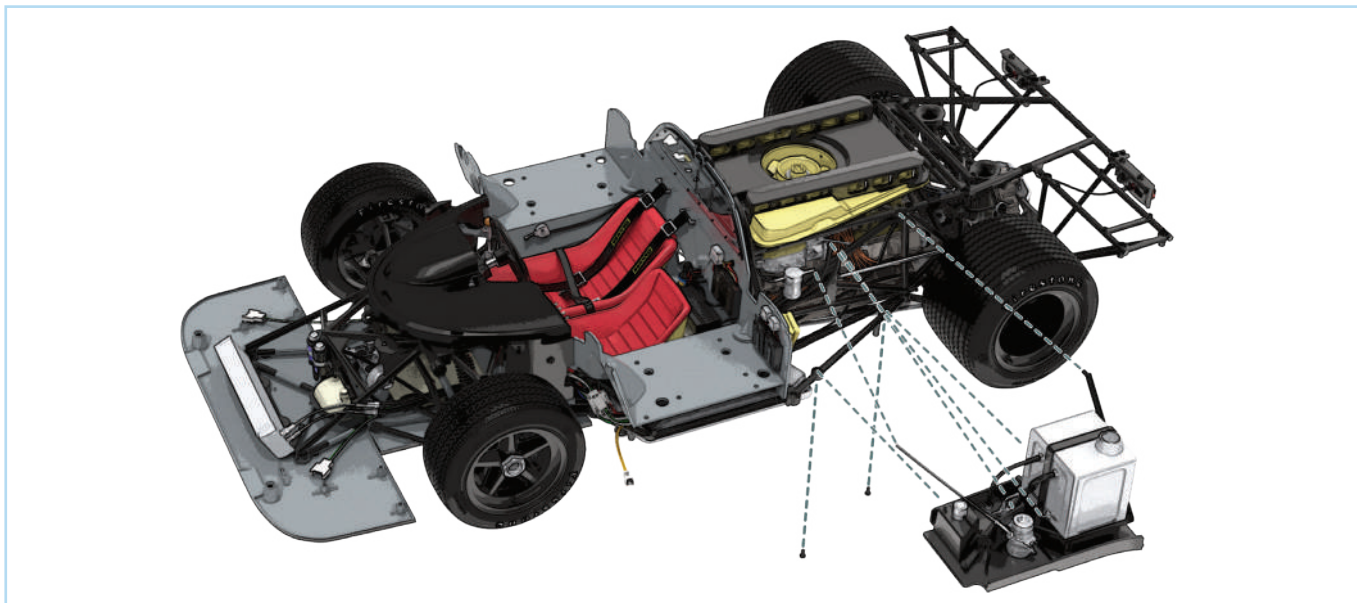


## ASSEMBLY DIAGRAM



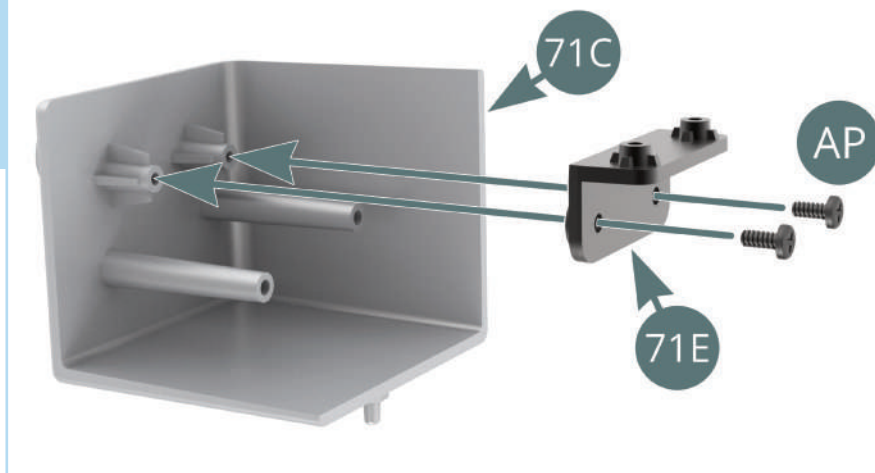
# STAGE 71: ASSEMBLING AND INSTALLING THE OIL TANK

## ASSEMBLY DIAGRAM

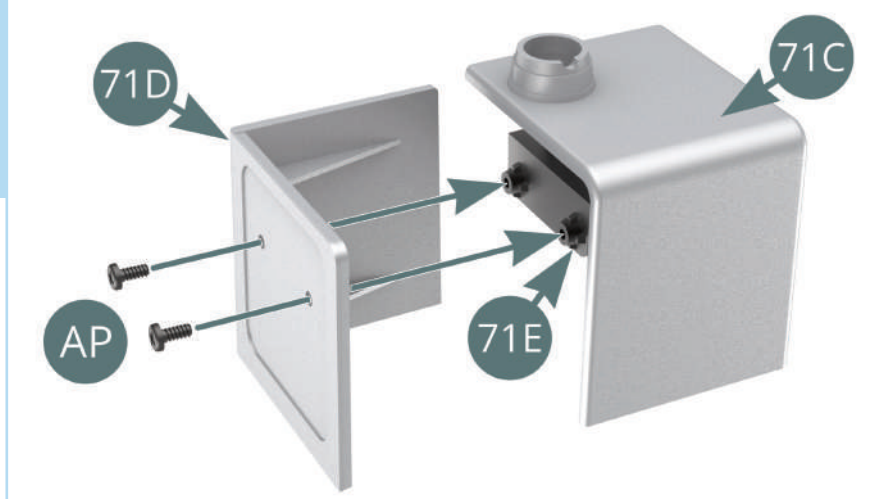


### STEP 1

Take the **bracket (71E)** and fit it over the two shorter columns inside the **oil tank body (71C)**, orienting it as shown. Secure it in place with two **AP** screws.



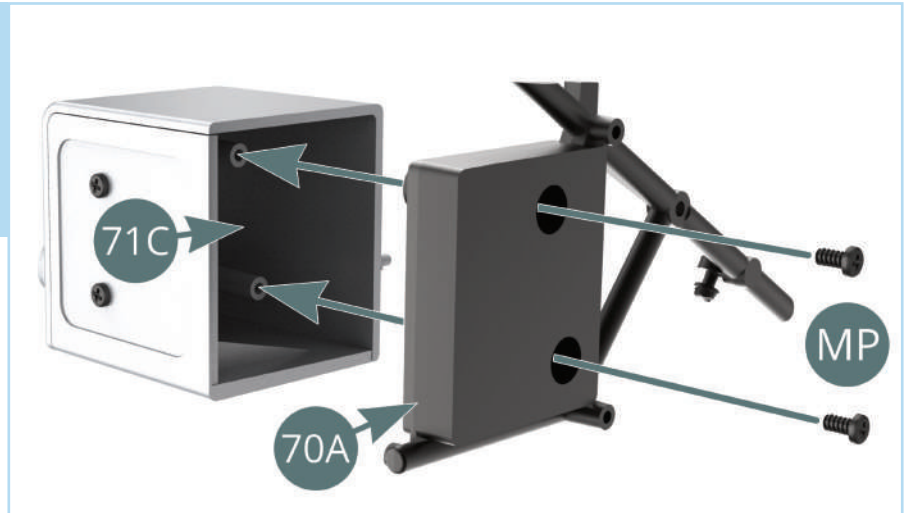
Fit the other half of the **oil tank body (71D)** in place over the **bracket (71E)**, then drive two **AP** screws through the holes to fix it in place.



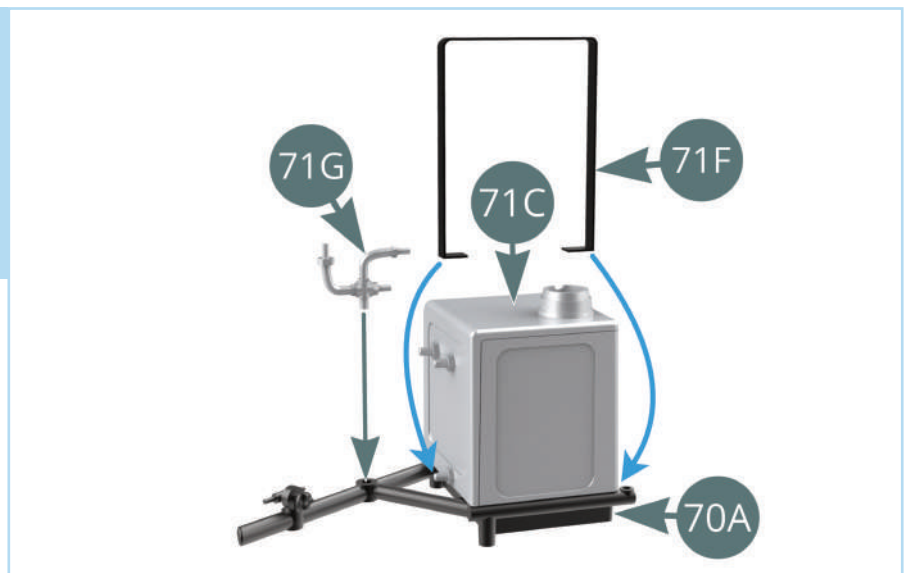
# STAGE 71: ASSEMBLING AND INSTALLING THE OIL TANK

## STEP 2

Take the **oil tank support frame (70A)** from the previous stage and align it with the underside of the **oil tank body (71C)** as shown. Fit in place and secure using two **MP** screws.

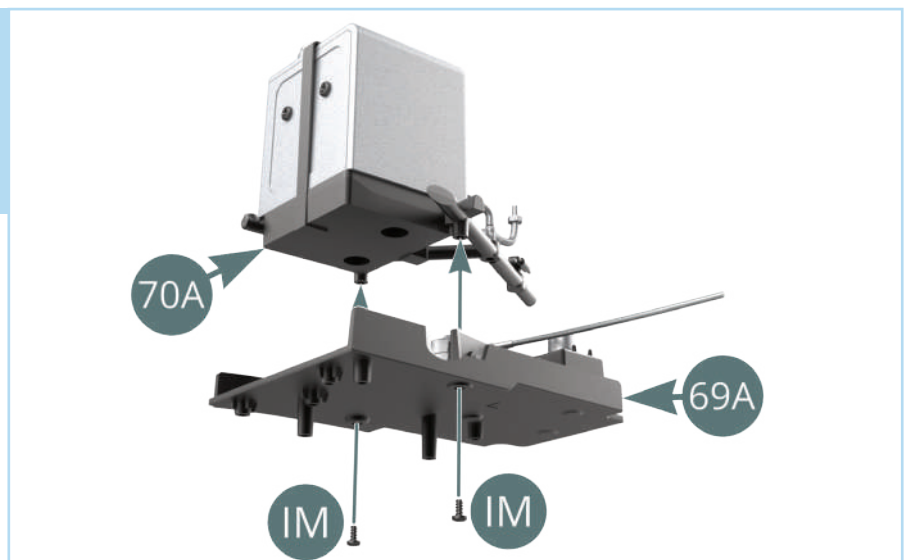


Place the **strap (71F)** over the **oil tank body (71C)** and clip it under the **oil tank support frame (70A)** as shown by the blue arrows. Press the **thermostat (71G)** into the hole of the **support frame (70A)**.



## STEP 3

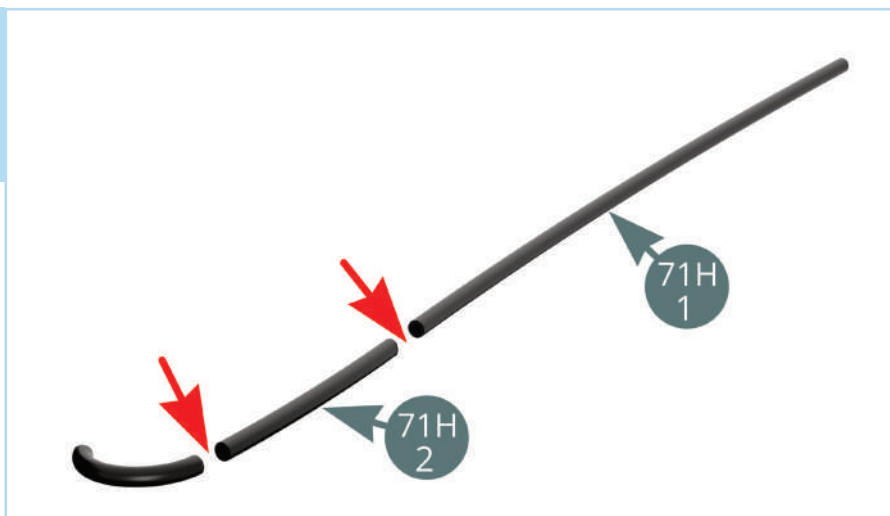
Fit the columns of the **oil tank support frame (70A)** into the holes of the **left chassis plate (69A)** then fix it in place using two **IM** screws.





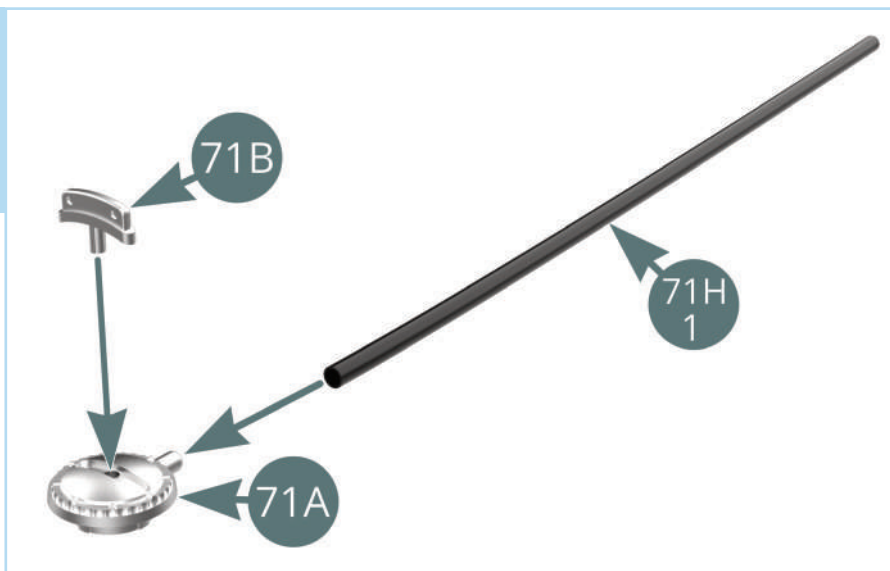
# STAGE 71: ASSEMBLING AND INSTALLING THE OIL TANK

Take the **oil hose roll (71H)** and cut two lengths of hose from it: one 140 mm (**71H-1**) and the other 40 mm (**71H-2**).

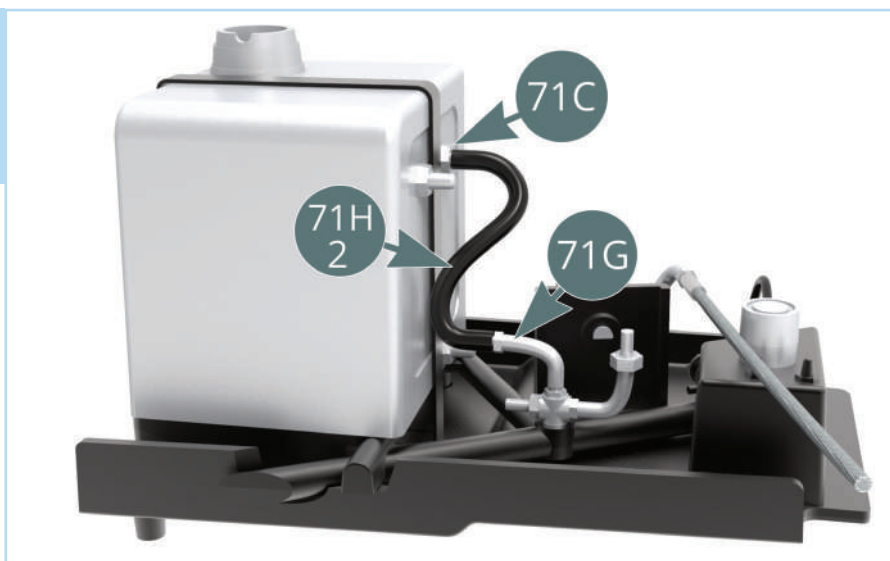


## STEP 4

Fit the **oil hose (71H-1)** onto the pin of the **oil filler cap (71A)** and press the pin of the **handle (71B)** into the hole at the top of the cap as shown.



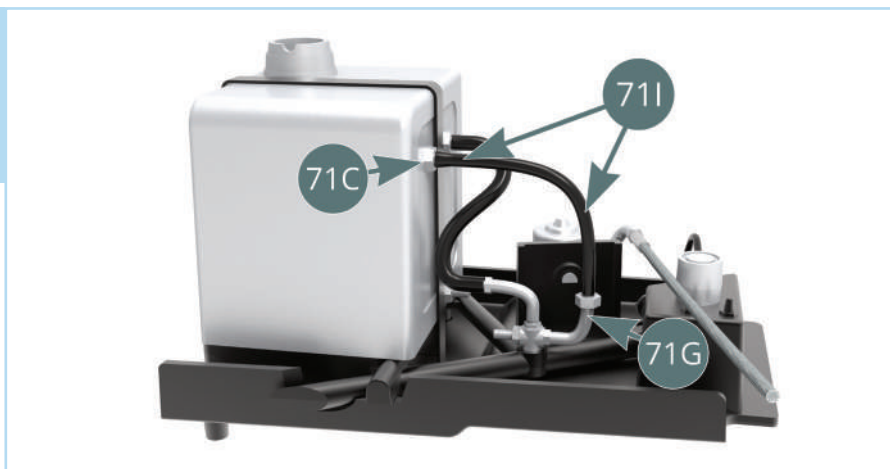
Connect the other **oil hose (71H-2)** onto the pins of the **thermostat (71G)** and the **oil tank body (71C)**.



# STAGE 71: ASSEMBLING AND INSTALLING THE OIL TANK

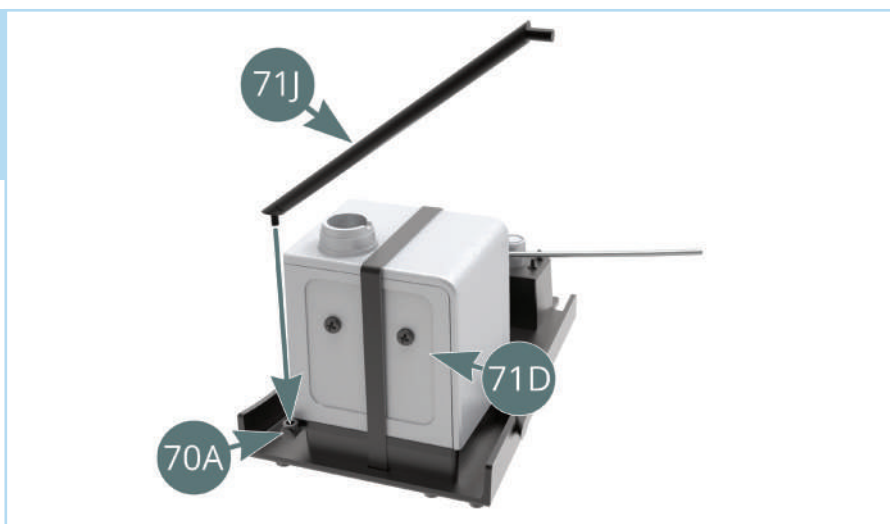
## STEP 5

Fit the precut section of **oil hose (71I)** onto the remaining pins of the **thermostat (71G)** and the **oil tank body (71C)**.



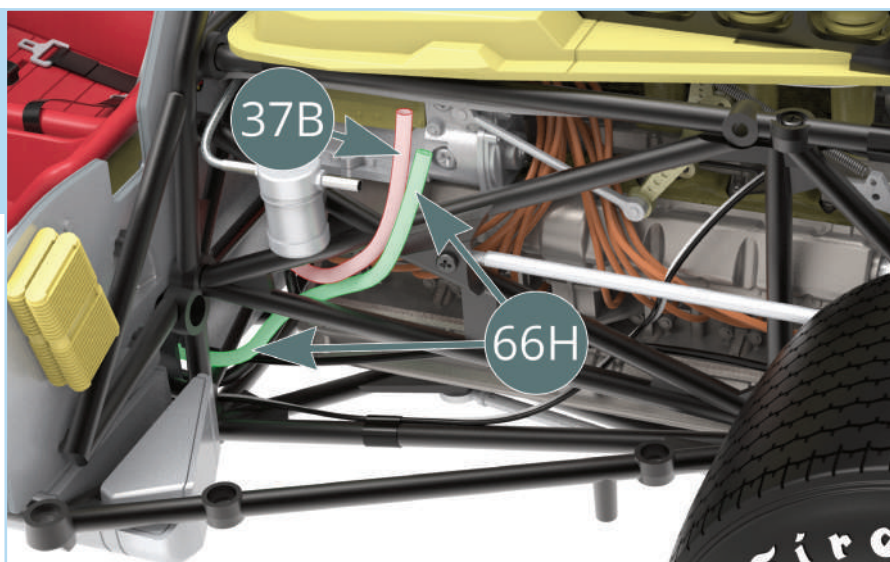
## STEP 6

Push the smaller pin of the **support rod (71J)** into the hole of the **oil tank support frame (70A)** as shown.



## STEP 7

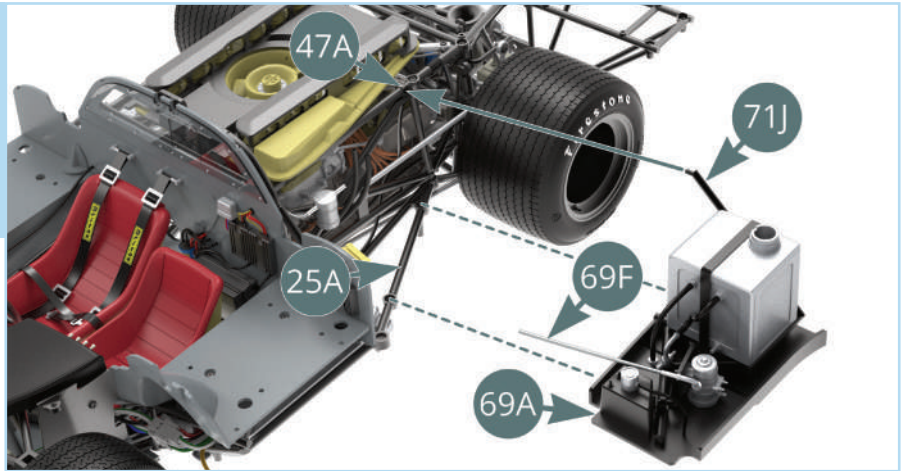
Locate the **oil hose (37B)**, highlighted in red, and the **cooling water pipe (66H)**, highlighted in green, then move them up out of the way.



# STAGE 71: ASSEMBLING AND INSTALLING THE OIL TANK

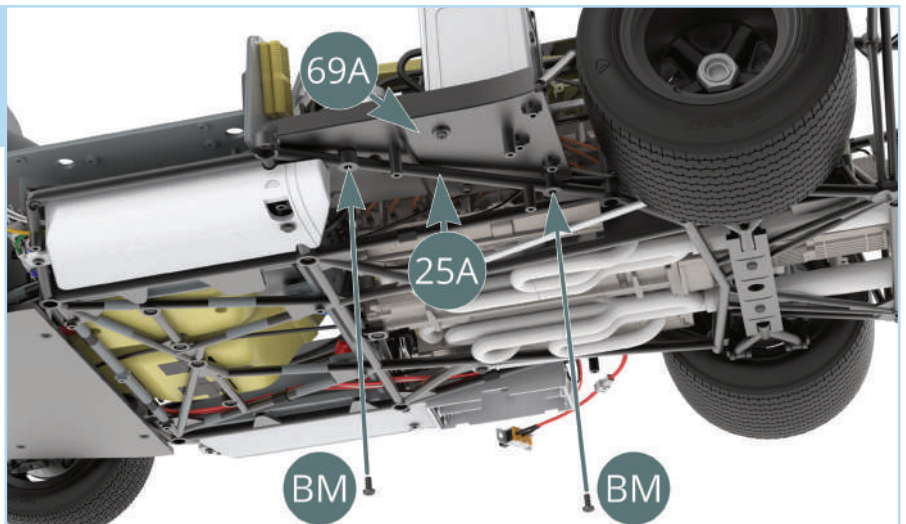
## STEP 8

With the hoses out of the way, position the **left chassis plate (69A)** onto the **chassis (25A)**. At the same time, fit the large pin of the **support rod (71J)** into the **upper frame (47A)**.



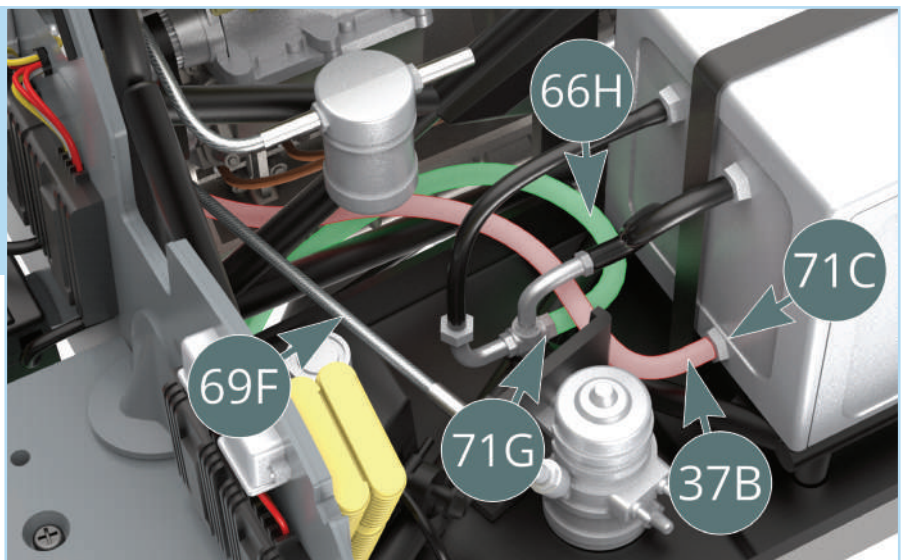
## STEP 9

Secure the **left chassis plate (69A)** to the **chassis (25A)** using two **BM** screws.



## STEP 10

Connect the end of the **cooling water pipe (66H)**, highlighted green, onto the **thermostat (71G)**. Then connect the end of the **oil hose (37B)**, highlighted red, onto the pin of the **oil tank body (71C)**.

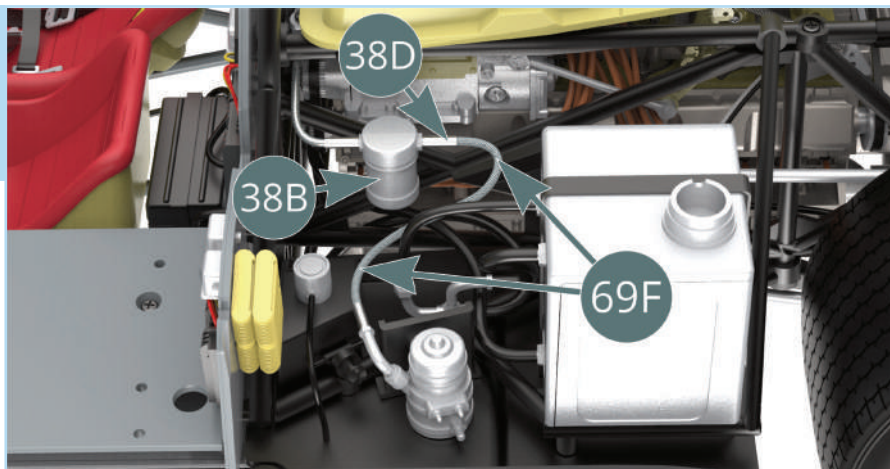




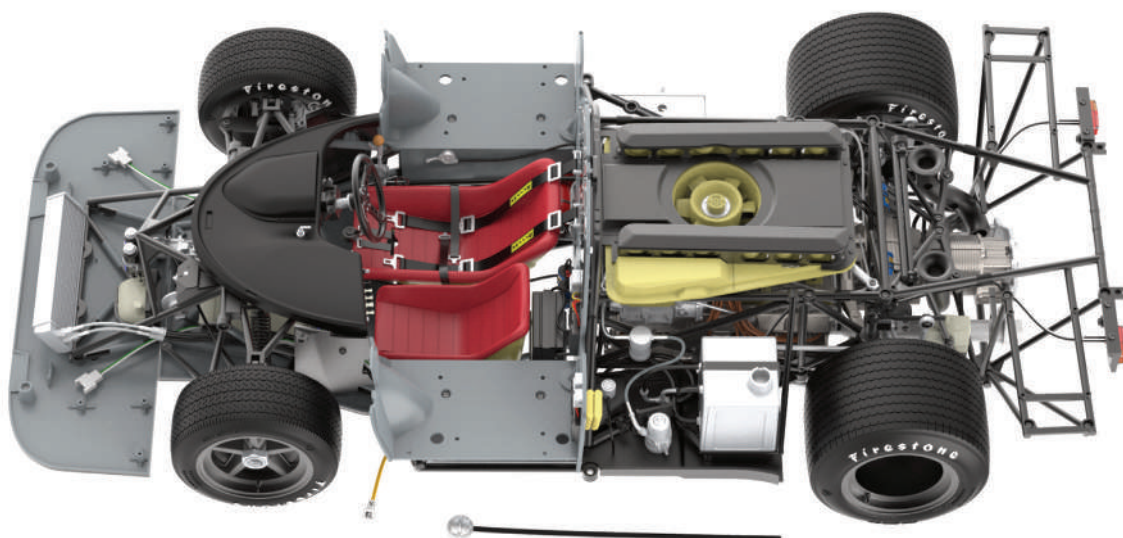
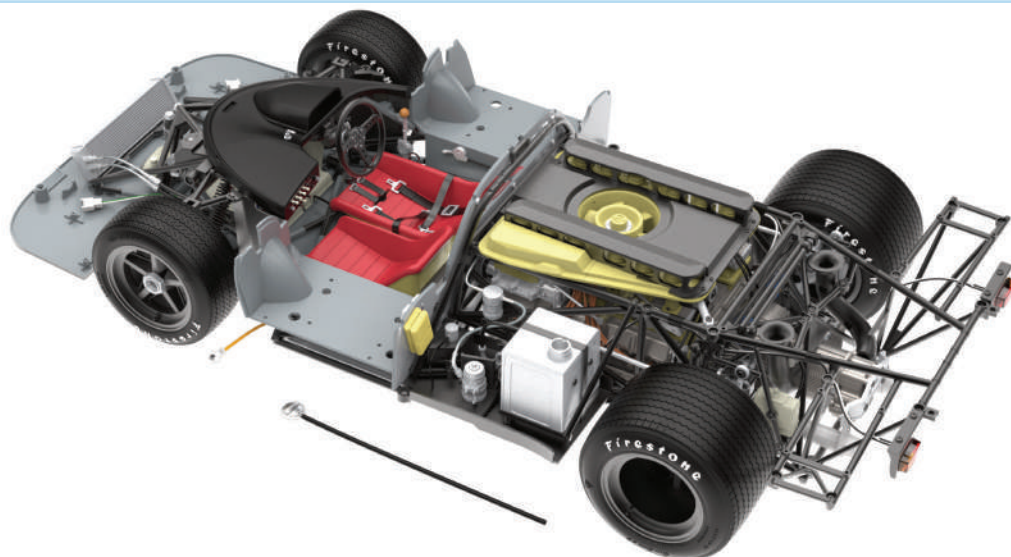
# STAGE 71: ASSEMBLING AND INSTALLING THE OIL TANK

## STEP 11

Bend the **braided fuel line (69F)** and fit its loose end into the **connector (38D)** of the **fuel filter (38B)**.



## STAGE COMPLETE



# STAGE 72: CONNECTING FUEL AND OIL LINES AND FITTING THE LEFT REAR WHEEL ARCH

**72A** Left rear wheel arch

**IM** Screw 1.7 x 3.5 mm (x6)

**72B** Rear brake cooling duct

**BM** Screw 2.0 x 4 mm (x4)



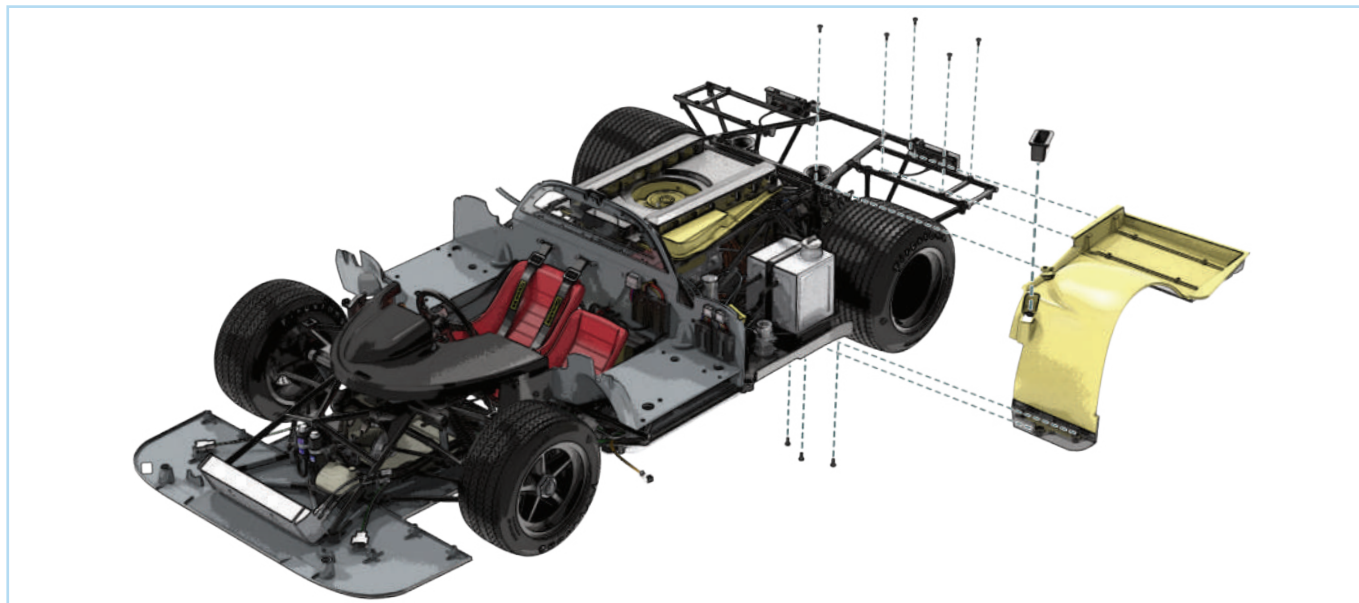
## ASSEMBLY DIAGRAM





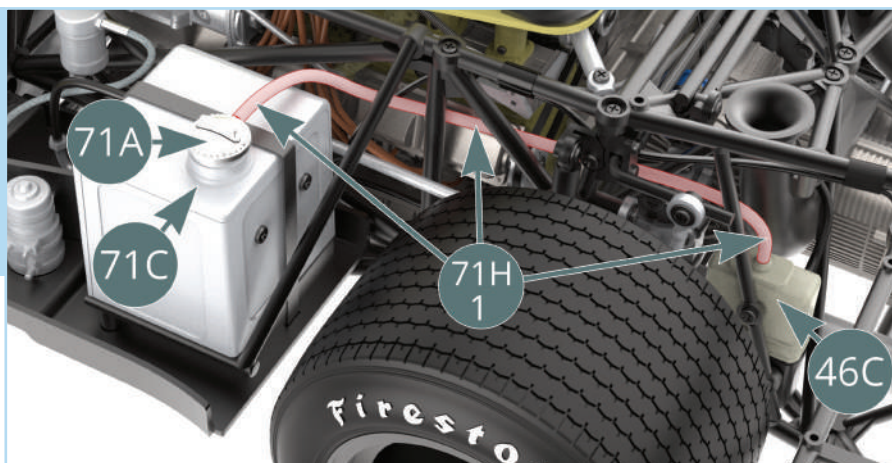
# STAGE 72: CONNECTING FUEL AND OIL LINES AND FITTING THE LEFT REAR WHEEL ARCH

## ASSEMBLY DIAGRAM



### STEP 1

Fit the **oil filler cap (71A)** onto the **oil tank body (71C)**. Guide the **oil hose (71H-1)** connected to the cap through the frame as shown, then fit its loose end onto the pin of the **engine oil recovery tank (46C)**.



### STEP 2

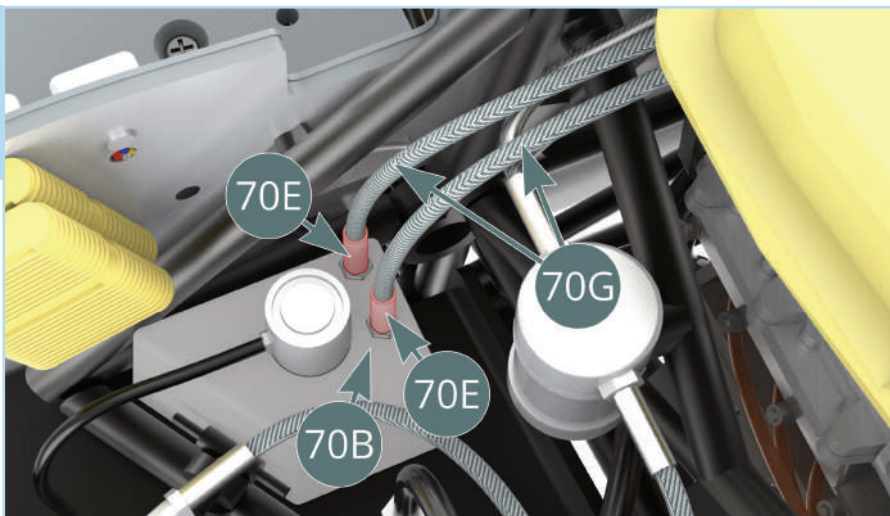
Take the two **braided fuel lines (70G)** and orient them with the **connectors (70E)** on the left-hand side. Guide the lines from the left-hand side of the frame, in front of the engine, passing through the bars of the **upper frame (47A)** as shown.





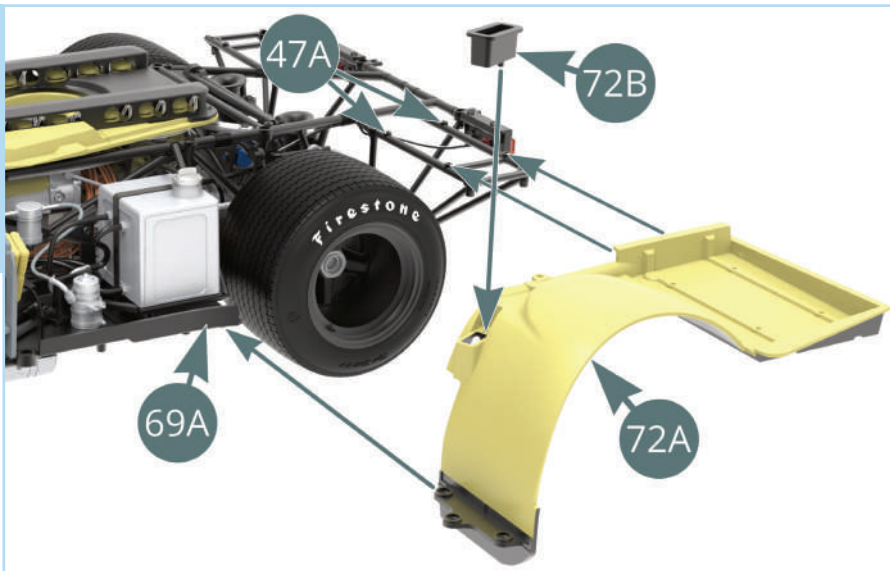
# STAGE 72: CONNECTING FUEL AND OIL LINES AND FITTING THE LEFT REAR WHEEL ARCH

Bend the **fuel lines (70G)** and fit the **connectors (70E)**, highlighted red, onto the pins of the **fuel manifold (70B)**.

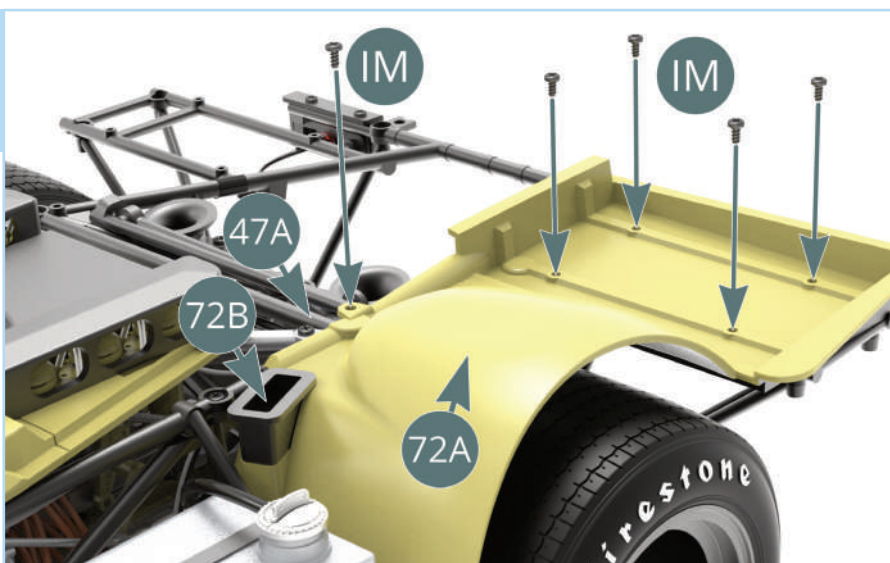


## STEP 3

Fit the **rear brake cooling duct (72B)** into the **left rear wheel arch (72A)**. Position the wheel arch onto the **upper frame (47A)** while fitting its front section under the **left chassis plate (69A)**.



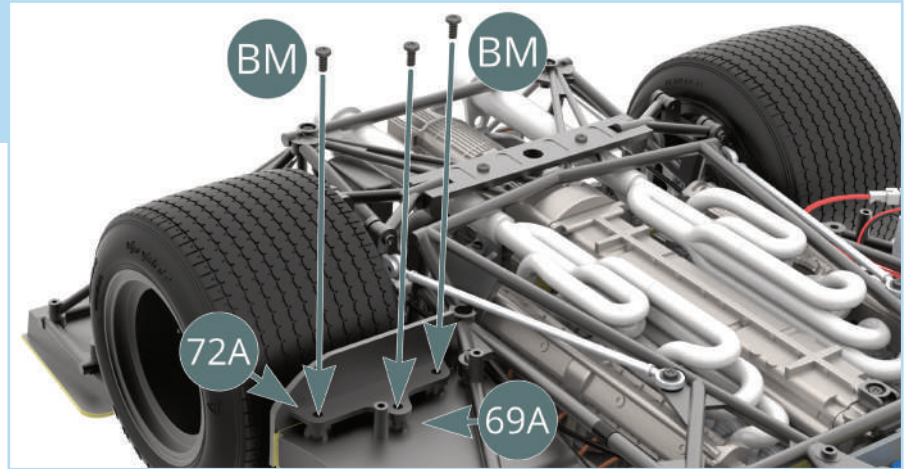
Secure the **left rear wheel arch (72A)** to the **upper frame (47A)** using five **IM** screws.



# STAGE 72: CONNECTING FUEL AND OIL LINES AND FITTING THE LEFT REAR WHEEL ARCH

## STEP 4

Fix the front of the wheel arch to the **left chassis plate (69A)** using three **BM** screws.



## STAGE COMPLETE

