

1955 BRITISH GRAND PRIX WINNER

MERCEDES-BENZ W196 R



Pack 12

BUILD INSTRUCTIONS

**STAGE 72: PREPARING THE
BOTTOM FLOOR PANEL**

**STAGE 73: FITTING THE
BATTERY COMPARTMENT**

**STAGE 74: INSTALLING THE
SPEAKER AND THE
CIRCUIT BOARD**

**STAGE 75: ATTACHING THE
LEFT LOWER BODY PANEL
AND THE BOTTOM
FLOOR PANEL**

**STAGE 76: ATTACHING THE
RIGHT LOWER BODY PANEL**

**STAGE 77: FITTING THE
MUDGUARDS AND TESTING
THE ENGINE SOUND**

**STAGE 78: PREPARING THE
REAR BODY PANEL**

**STAGE 79: ATTACHING THE
WINDSCREEN AND THE
LEFT MIRROR**

**STAGE 80: ATTACHING THE
RIGHT MIRROR**

**STAGE 81: FITTING THE LEFT
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**STAGE 83: FITTING THE FUEL
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REAR BODY PANEL**

**STAGE 84: MOUNTING THE
NOSE AND THE FRONT
BODY PANEL**

**STAGE 85: MOUNTING THE
FRONT AND REAR
BOTTOM PANELS**

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Advice from the experts

This set of step-by-step instructions will enable you to complete the build of your 1:8-scale Mercedes-Benz W 196 R. The only tool you will need is a screwdriver. Most of the steps involve simply screwing or fitting parts together, and the correct screws needed for each step are clearly labelled on the instructional images.

Please note the following:

- The number designated by a # refers to the number given on the parts supplied in each pack.
- Where left and right elements of the same part are supplied, these are listed as (L) and (R).
- Close-up details of steps are framed in yellow.
- You will not be using every part you receive in your shipment in that build section. Keep any parts that are not used aside for use in a later sequence.
- You will receive extra screws with each shipment in case any screws are lost or broken.
- Screws with codes ending in the letter M drive into metal; those ending in the letter P drive into plastic.
- With M screws, first drive the screw in half-way. Then unscrew it to release the shavings created as the screw cuts its thread. Finally, drive the screw fully into the socket. M screws should be tightened so the head makes firm contact with the fixing surface.
- With P screws, do not over-tighten them as they can damage the socket.
- When working with the pre-finished exterior surfaces of the model, work on a soft cloth. This will protect against scratching the paintwork.
- When plugging wires in, ensure the power is switched off.
- Tweezers can be used to fit the PVC cables. In this case, grip carefully around 5mm from the end of the cable. If the end of the cable is too narrow to fit on to the pin, cautiously insert a cocktail stick, being wary not to split the cable.
- Some smaller plastic parts are attached to sprues. You can remove these by hand, or by careful use of a cutting implement such as a scalpel.
- When assembling the wheels of your model, you can choose between regular and easy assemblies. Follow our instructions carefully.

The images in this manual may differ slightly from those supplied in your pack. These images differ in appearance only and will not affect the process of the build.

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.

Advice from the experts



When you see this symbol on one of the images in these instructions, we have provided a Top Tip to help you with your build. Check back on this page for the corresponding tip!

You can find more expert tips and advice for building the Mercedes W196R on our forum. Go to <https://community.agoramodels.com/forum/198-mercedes-w196r/>

Page 7 – A

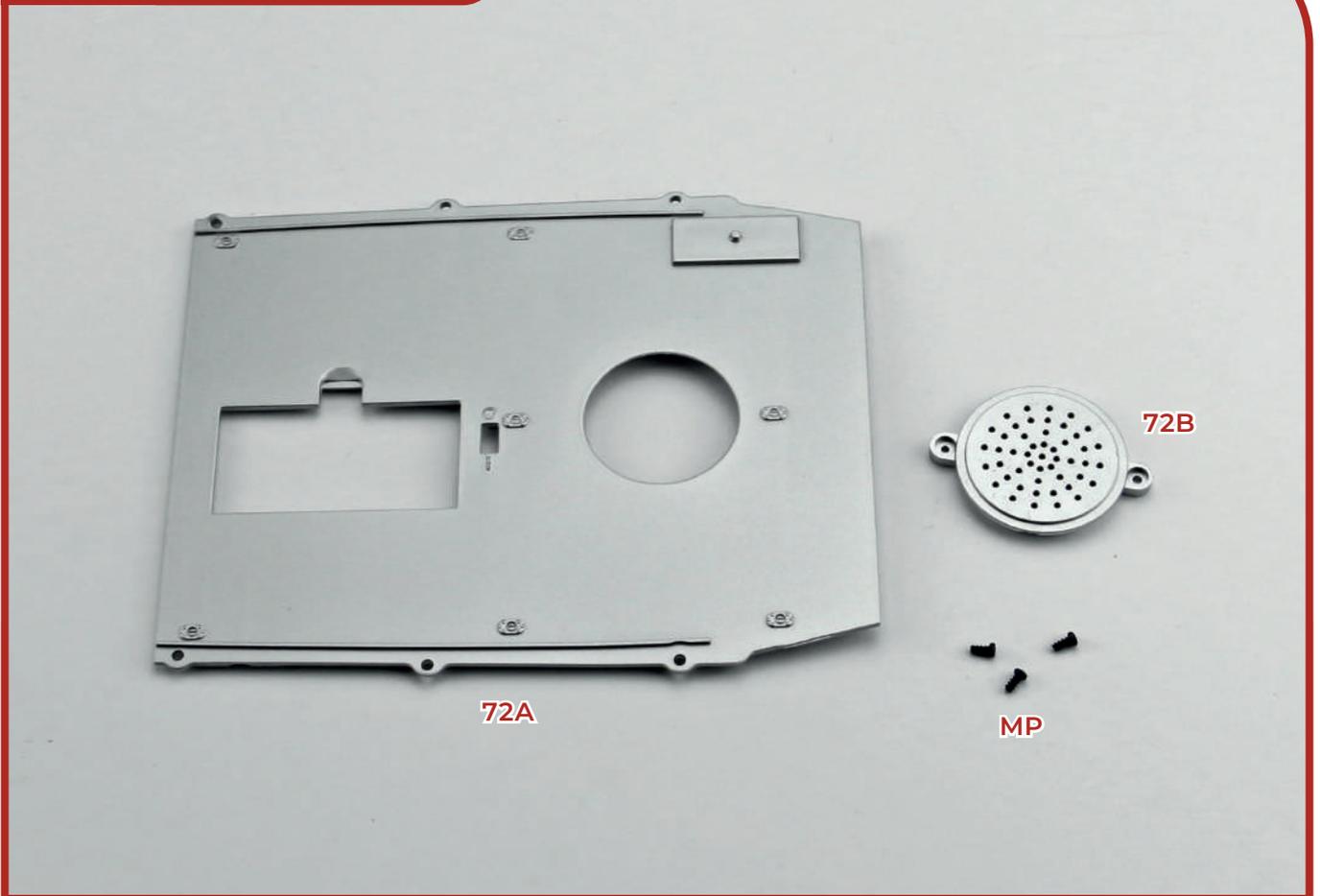
Pre-thread all six holes in the chassis, not just the three shown.

Page 7 – C

Tuck pipe 16H under the front of the floor panel.

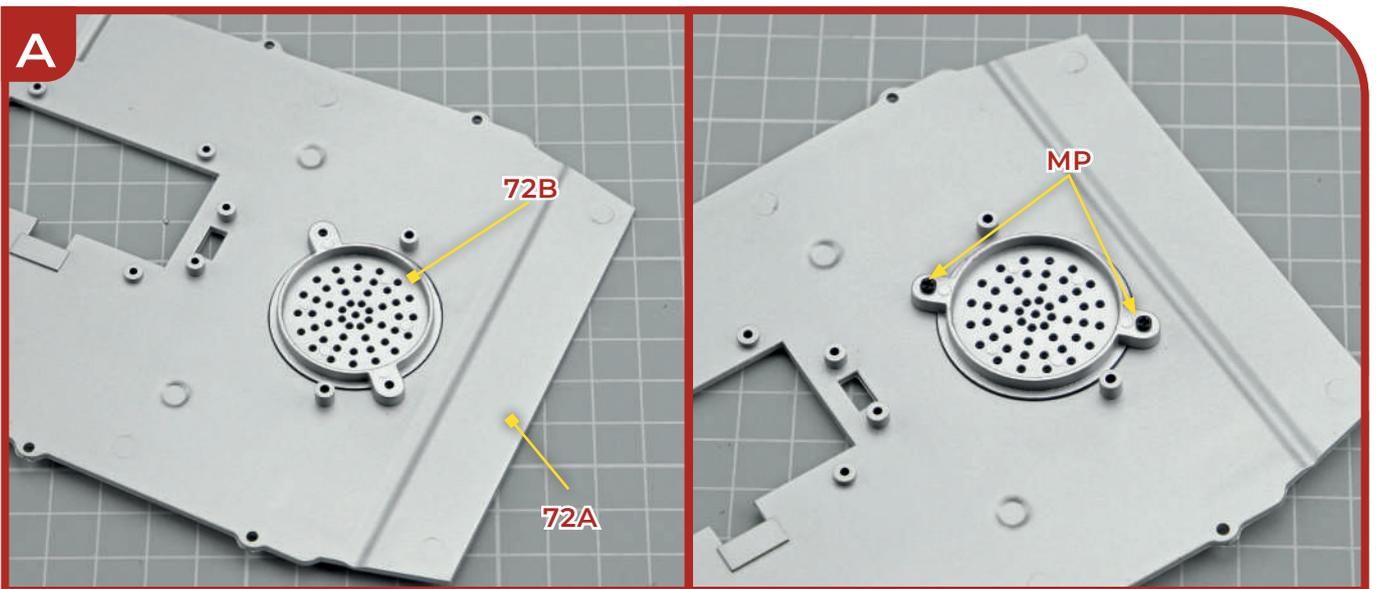
Stage 72: Preparing the Bottom Floor Panel

8A-72# PARTS LIST



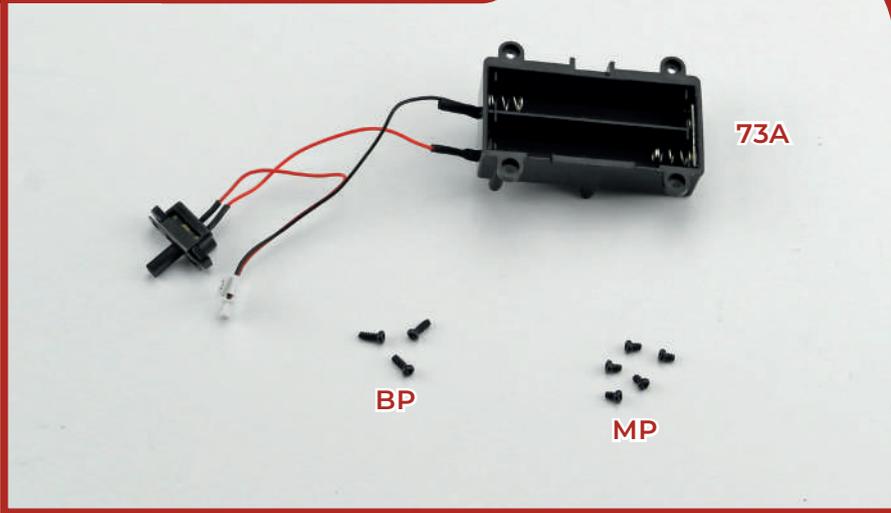
72A Bottom floor panel
72B Speaker cover

MP 3 screws (2 x 3 mm)



Stage 73: Fitting the Battery Compartment

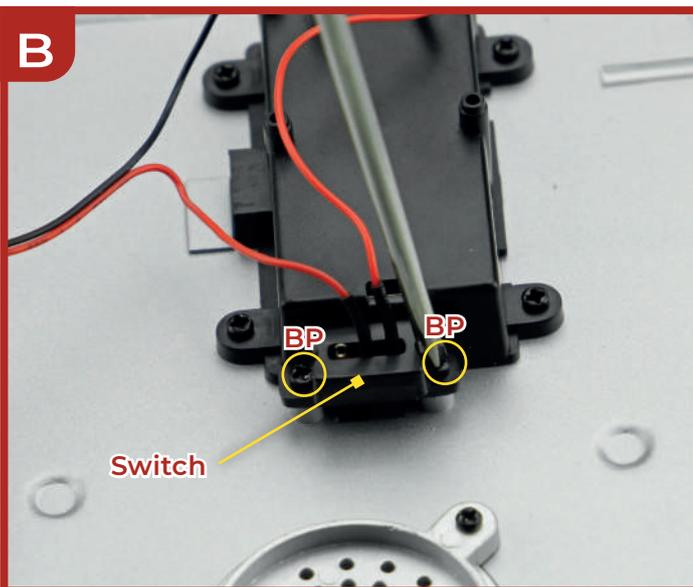
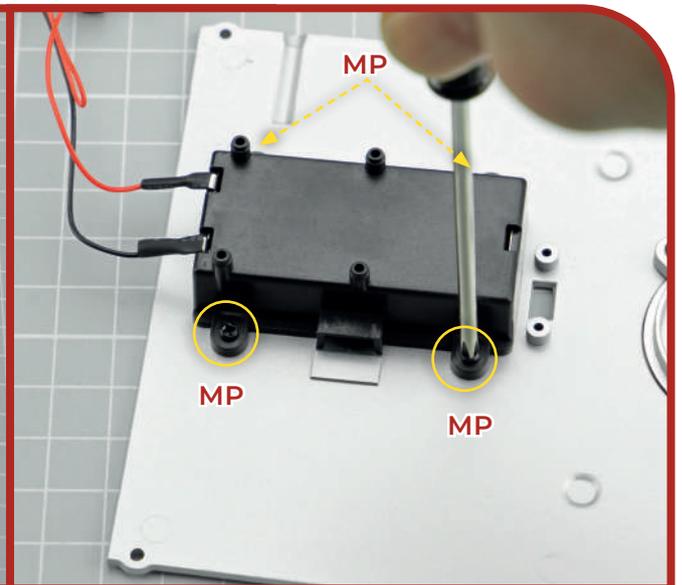
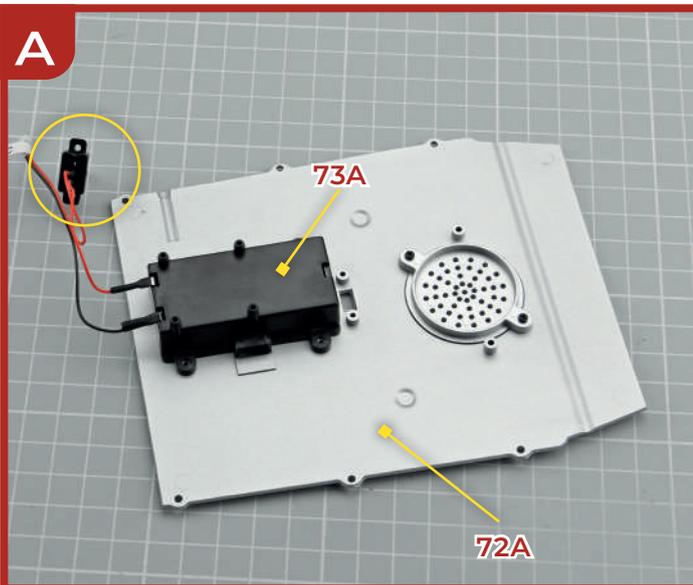
8A-73# PARTS LIST



73A Battery compartment with switch

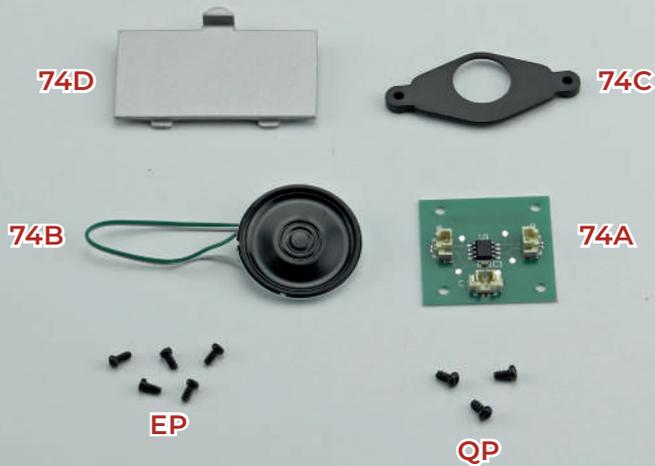
BP 3 screws (2 x 5 mm)

MP 5 screws (2 x 3 mm)



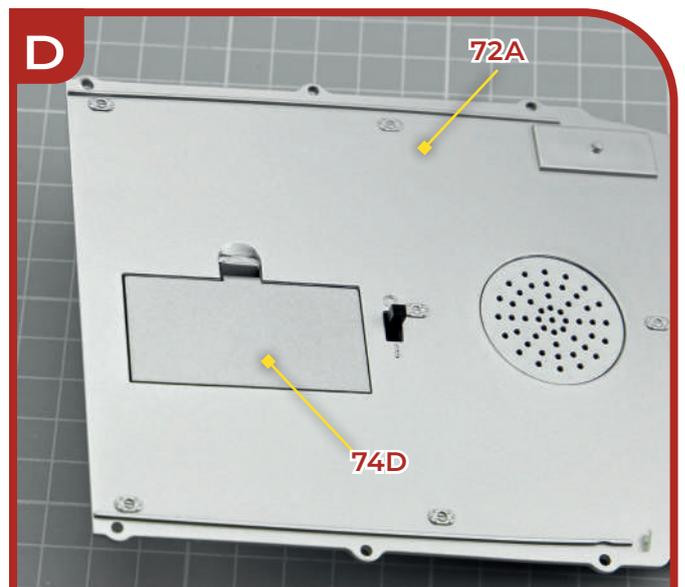
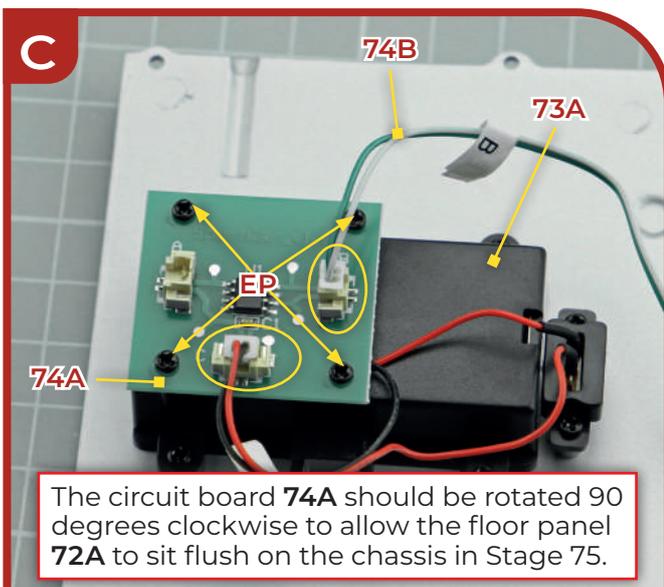
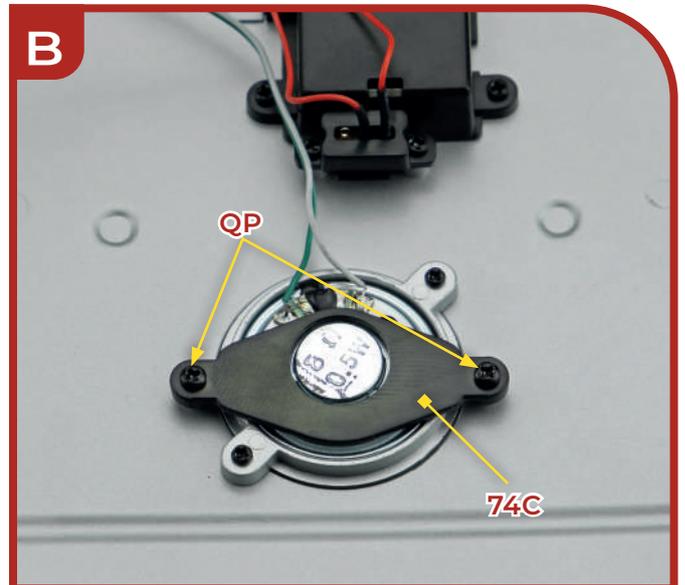
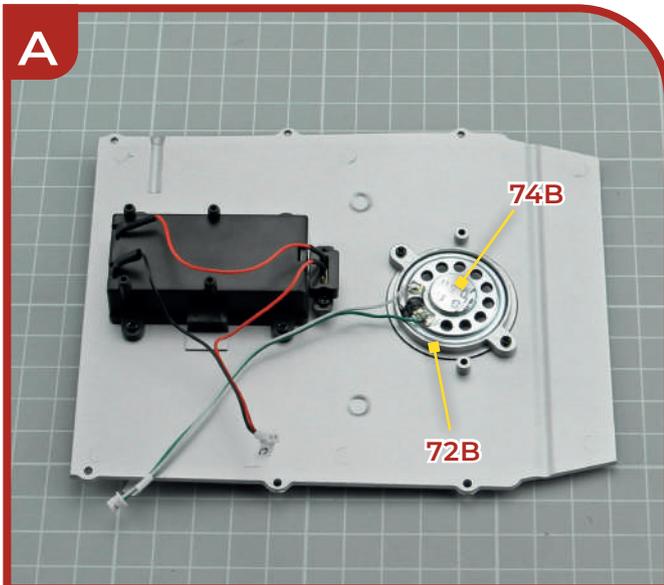
Stage 74: Installing the Speaker and the Circuit Board

8A-74# PARTS LIST



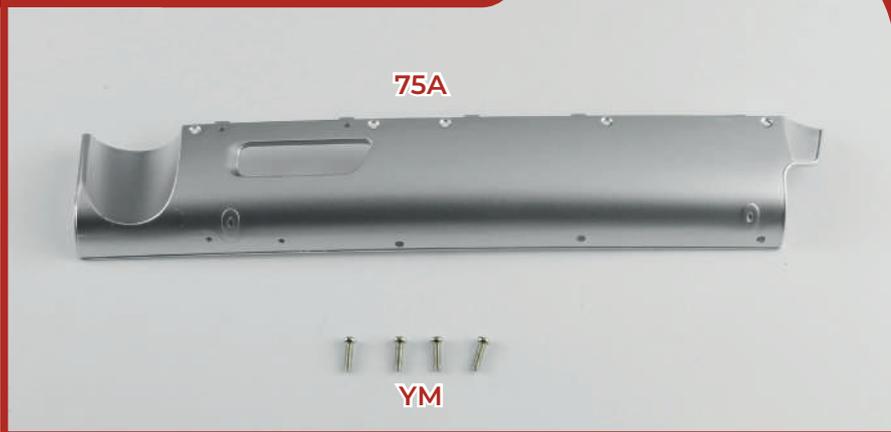
74A PCB
 74B Speaker
 74C Speaker support
 74D Battery compartment cover

EP 5 screws (2 x 4 mm)
 QP 3 screws (2.3 x 4 mm)



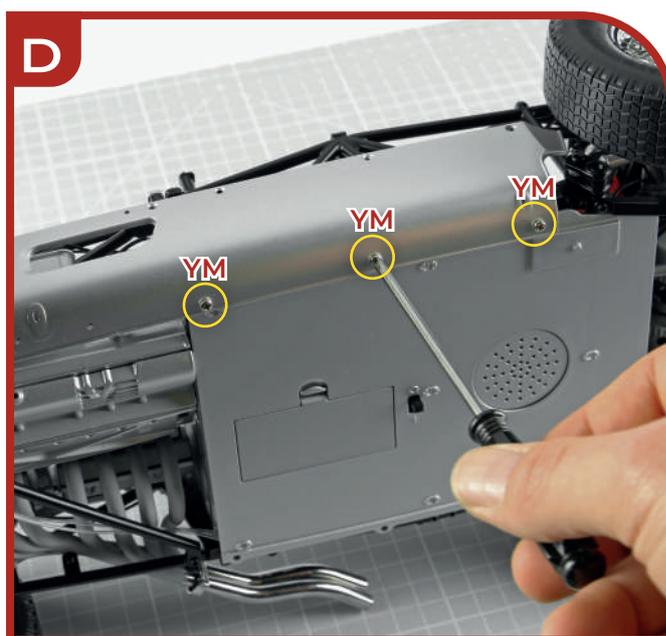
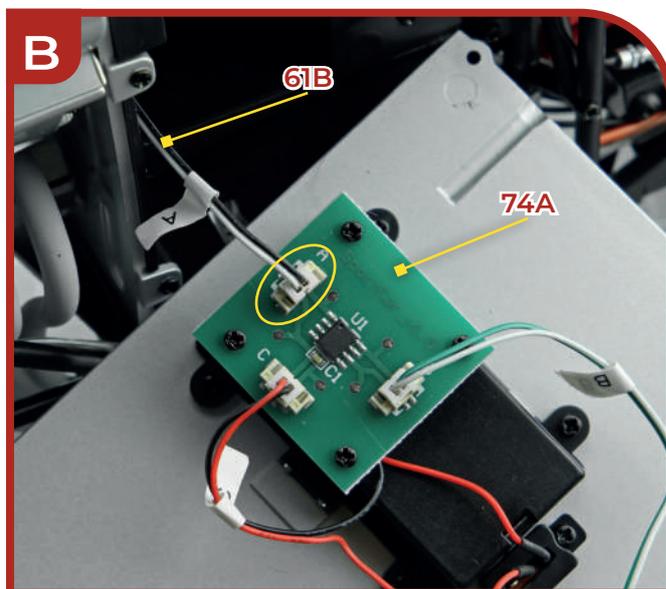
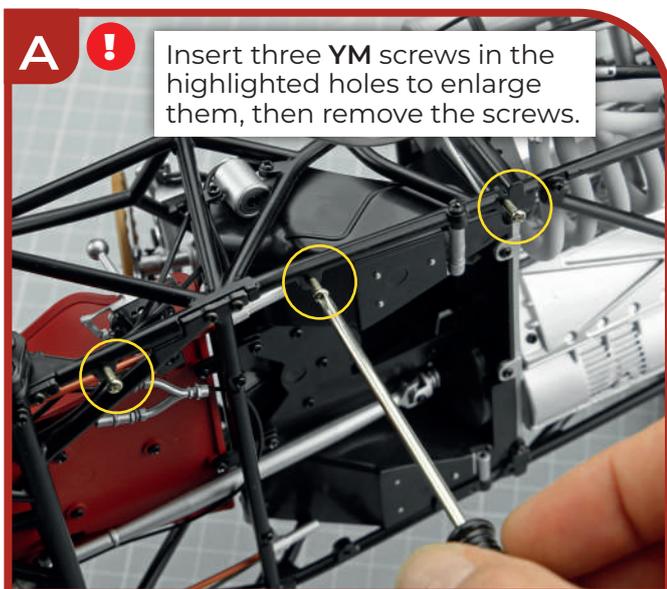
Stage 75: Attaching the Left Lower Body Panel and the Bottom Floor Panel

8A-75# PARTS LIST



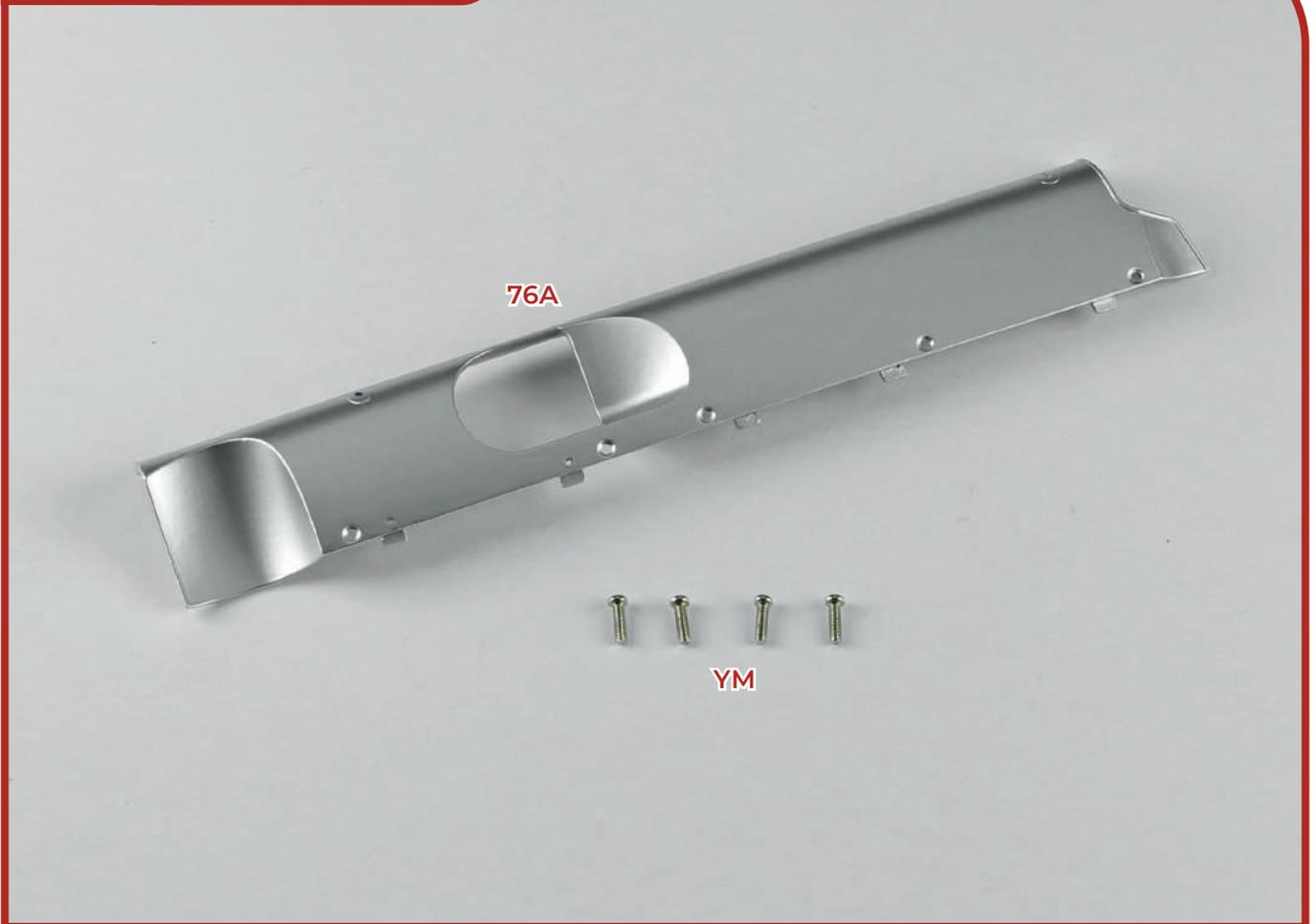
75A Body lower panel (L)

YM 4 screws (2.3 x 8 mm)



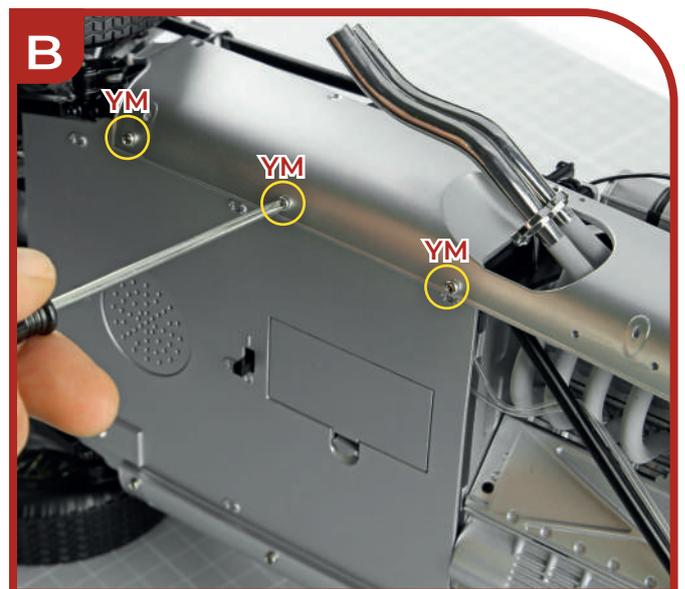
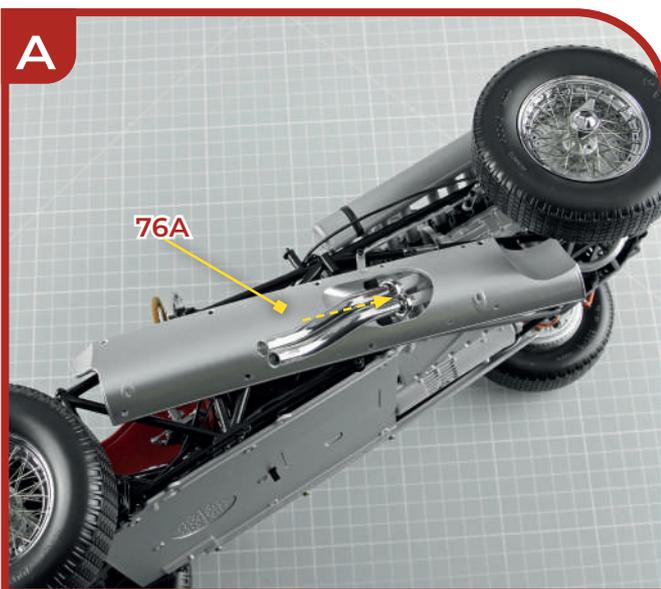
Stage 76: Attaching the Right Lower Body Panel

8A-76# PARTS LIST



76A Body lower panel (R)

YM 4 screws (2.3 x 8 mm)



Stage 77: Fitting the Mudguards and Testing the Engine Sound

8A-77# PARTS LIST



77A Mudguard 1 (L)
77B Mudguard 2 (R)

77C Stretchers (x4)

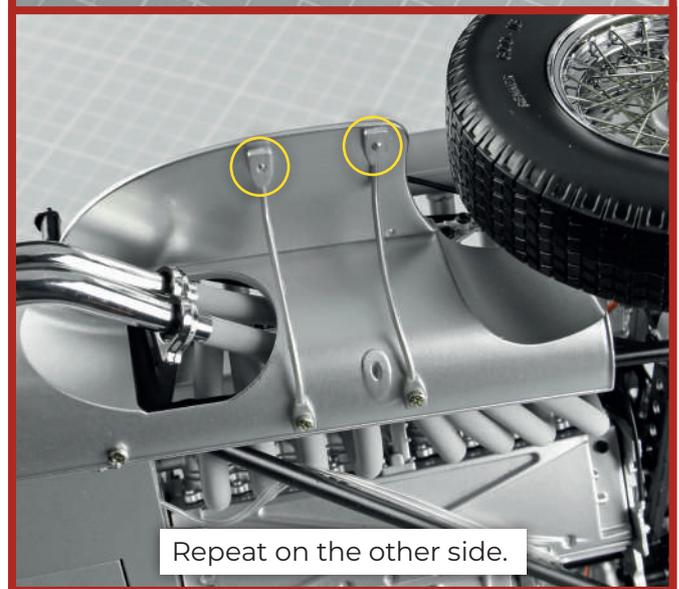
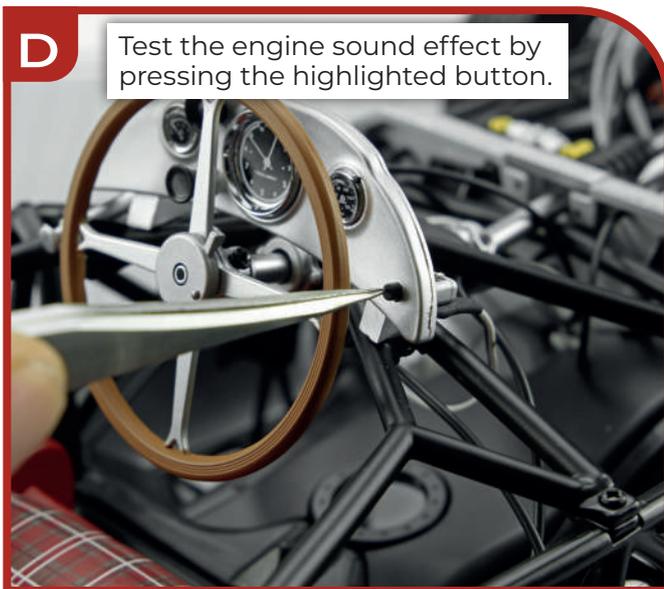
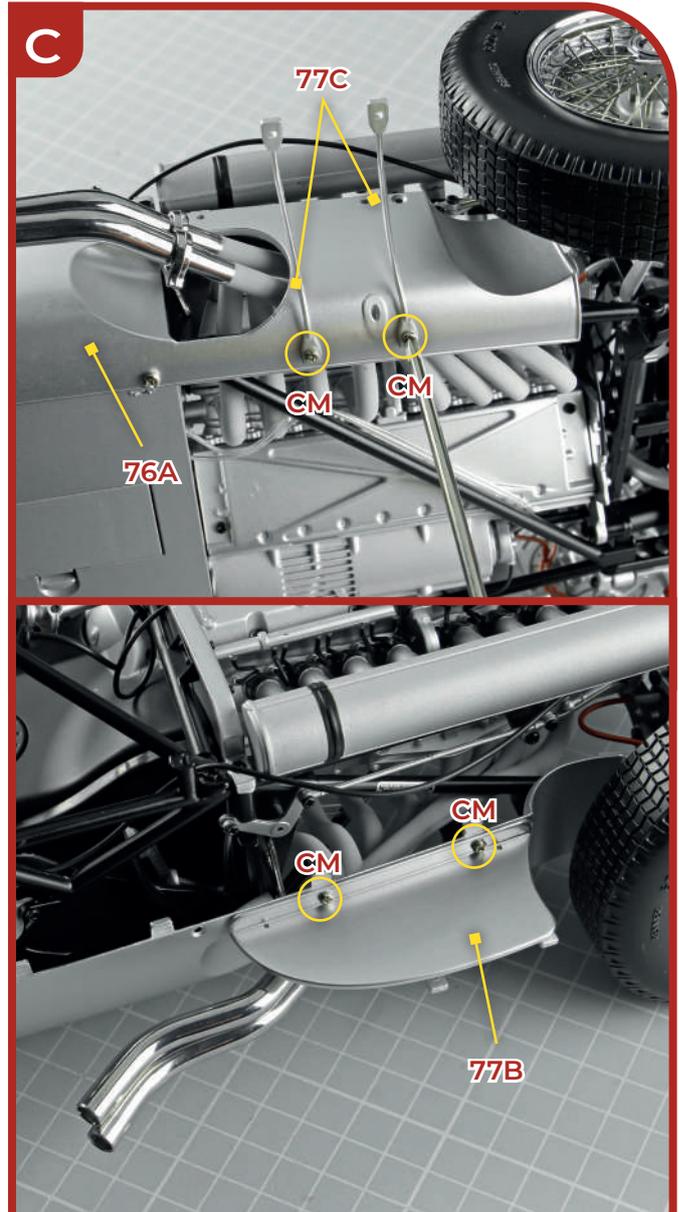
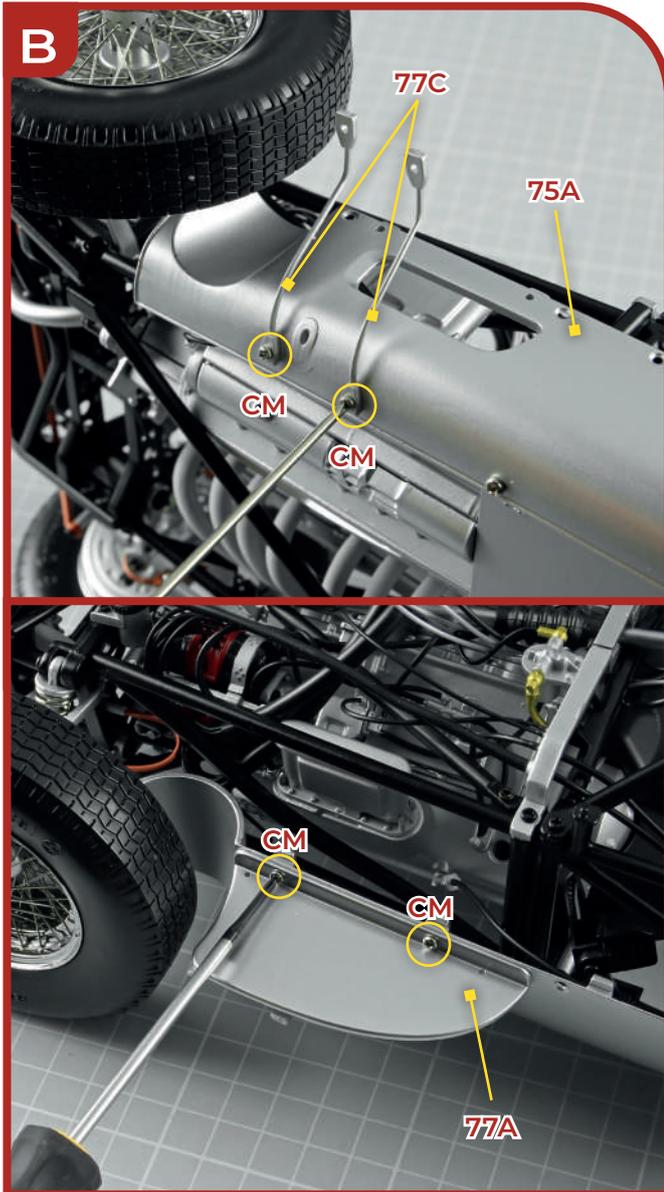
CM 10 screws (1.7 x 4 mm)

A

Insert two AAA batteries into the battery compartment.

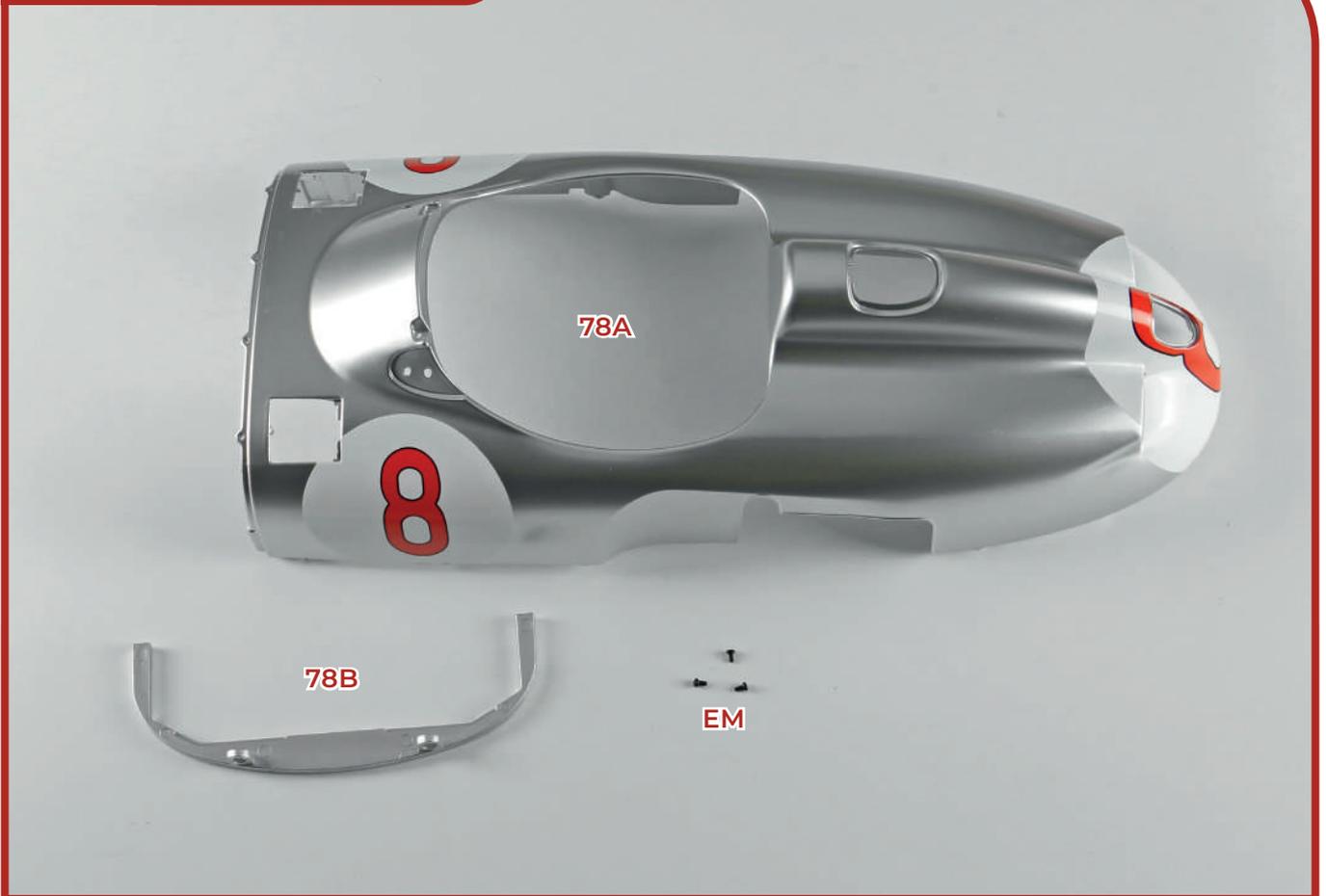


Stage 77: Fitting the Mudguards and Testing the Engine Sound



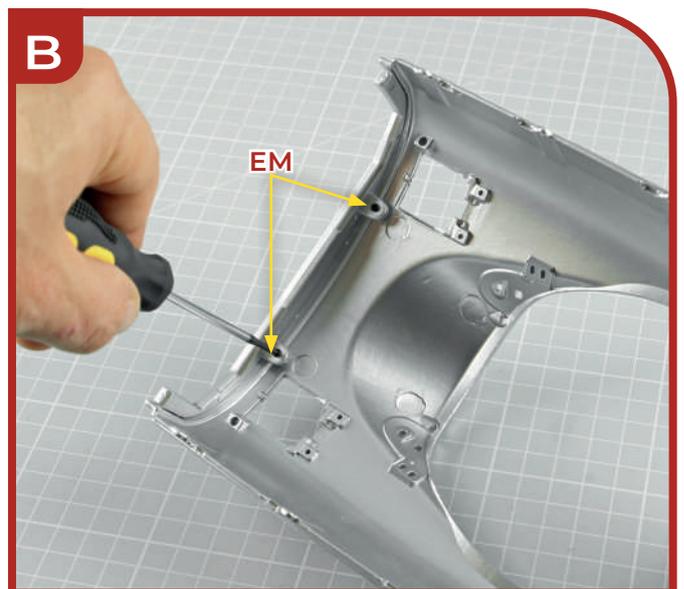
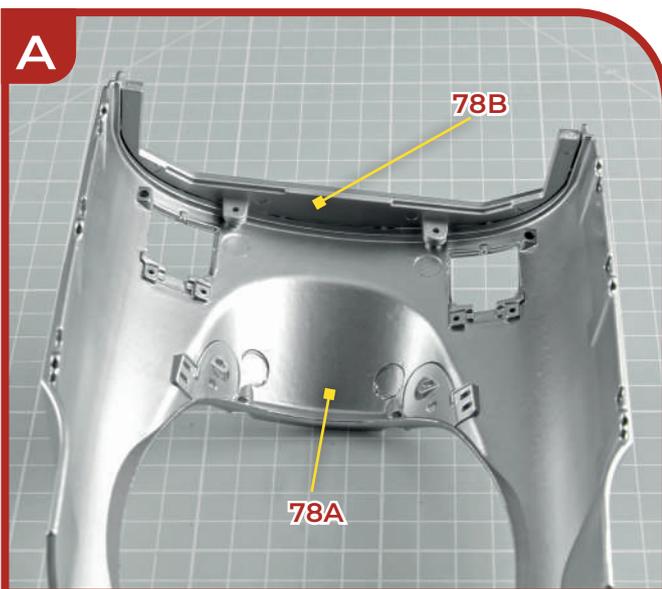
Stage 78: Preparing the Rear Body Panel

78# PARTS LIST



78A Body rear panel
78B Panel support

EM 3 screws (1.5 x 3 mm)

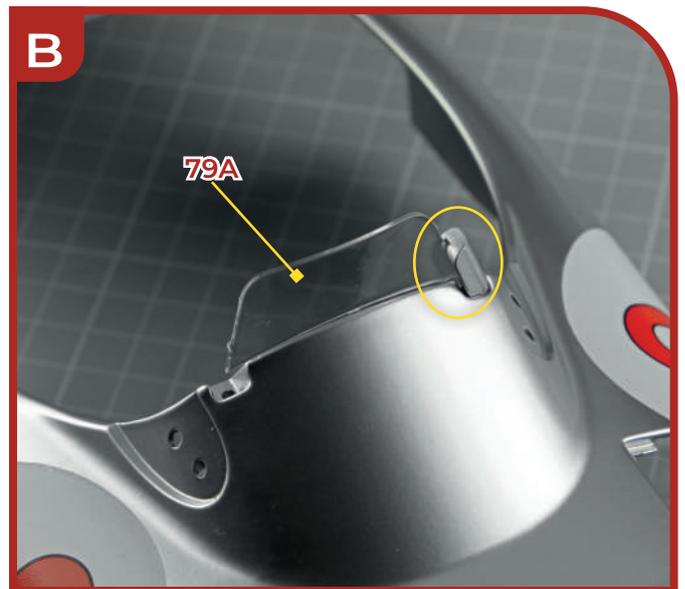
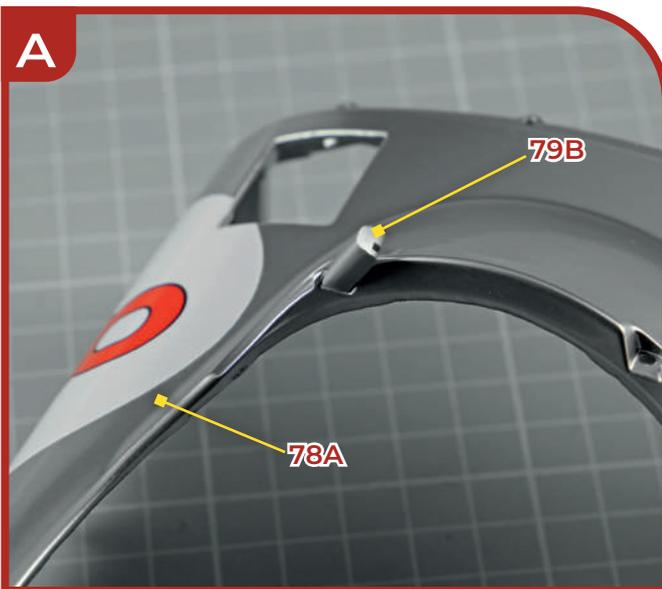


Stage 79: Attaching the Windscreen and the Left Mirror

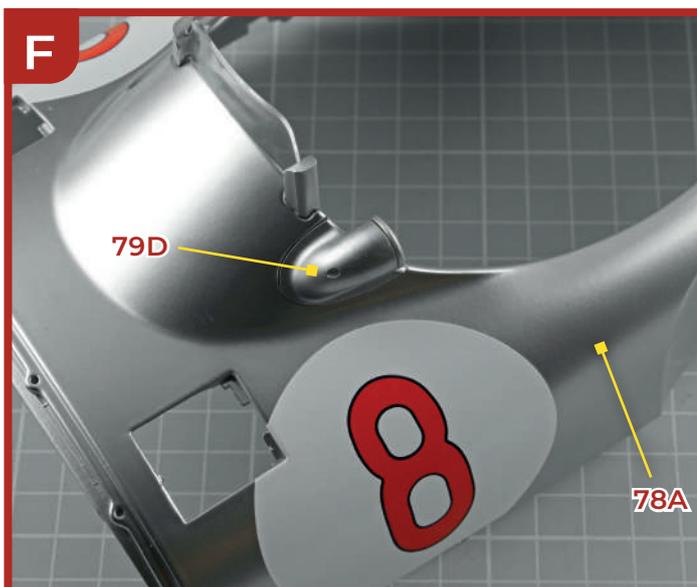
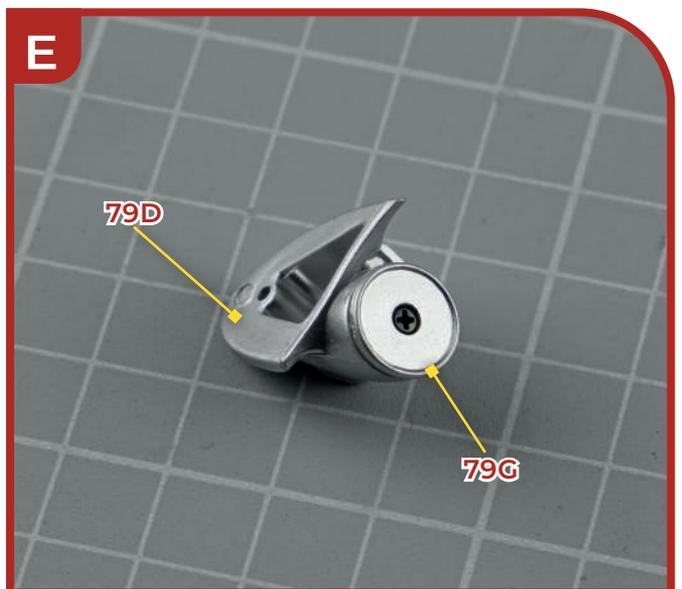
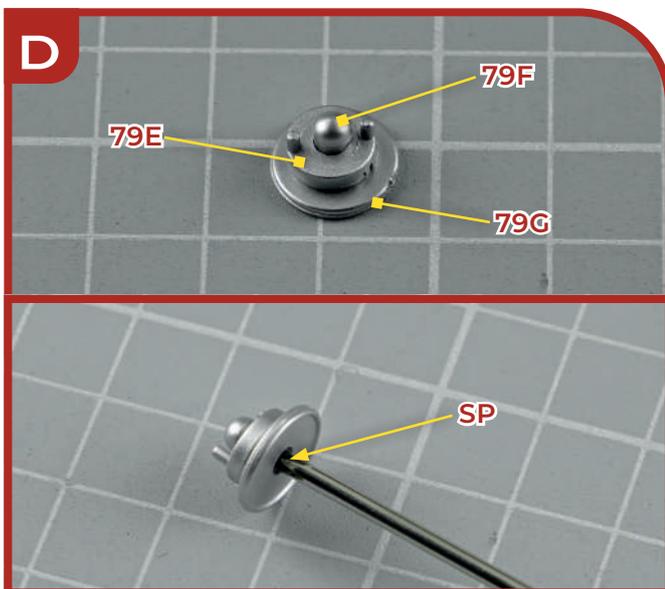
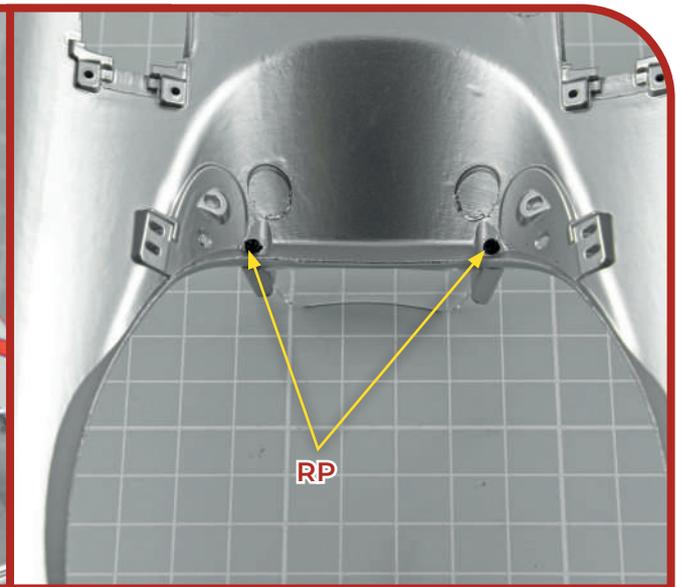
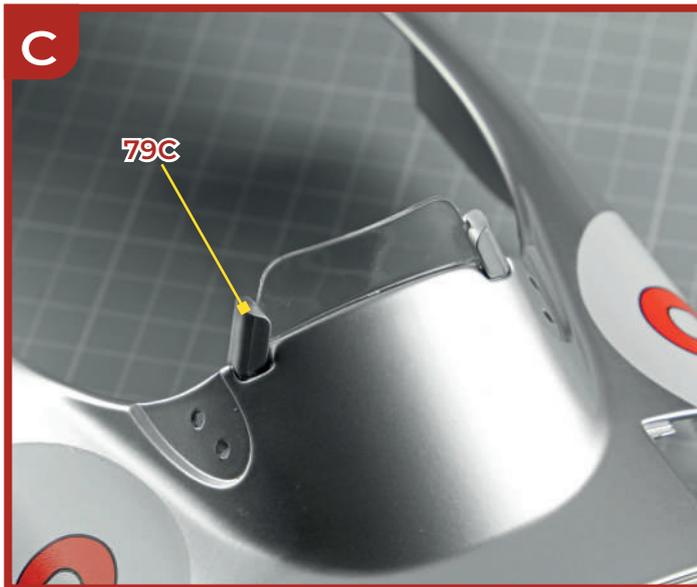
8A-79# PARTS LIST



| | | | | | |
|------------|--------------------------|------------|----------------------------|-----------|-----------------------|
| 79A | Windscreen | 79D | Left side-view mirror body | BP | 2 screws (2 x 5 mm) |
| 79B | Windscreen support 1 (L) | 79E | Mirror support 1 | RP | 3 screws (1.5 x 5 mm) |
| 79C | Windscreen support 2 (R) | 79F | Mirror support 2 | SP | 2 screws (1.5 x 4 mm) |
| | | 79G | Mirror base | | |



Stage 79: Attaching the Windscreen and the Left Mirror



Stage 80: Attaching the Right Mirror

8A-80# PARTS LIST



80A Right side-view mirror body

80B Mirror support 1

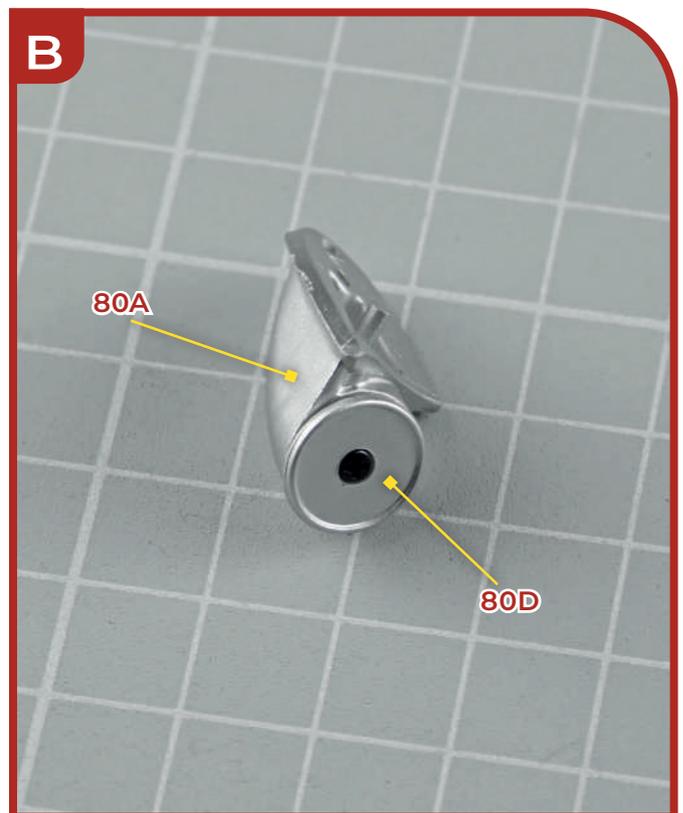
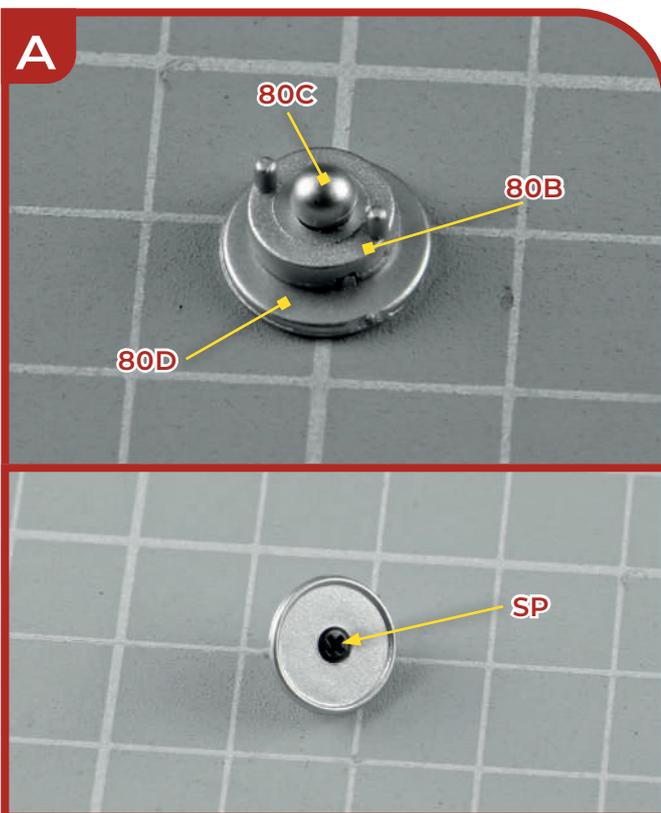
80C Mirror support 2

80D Mirror base

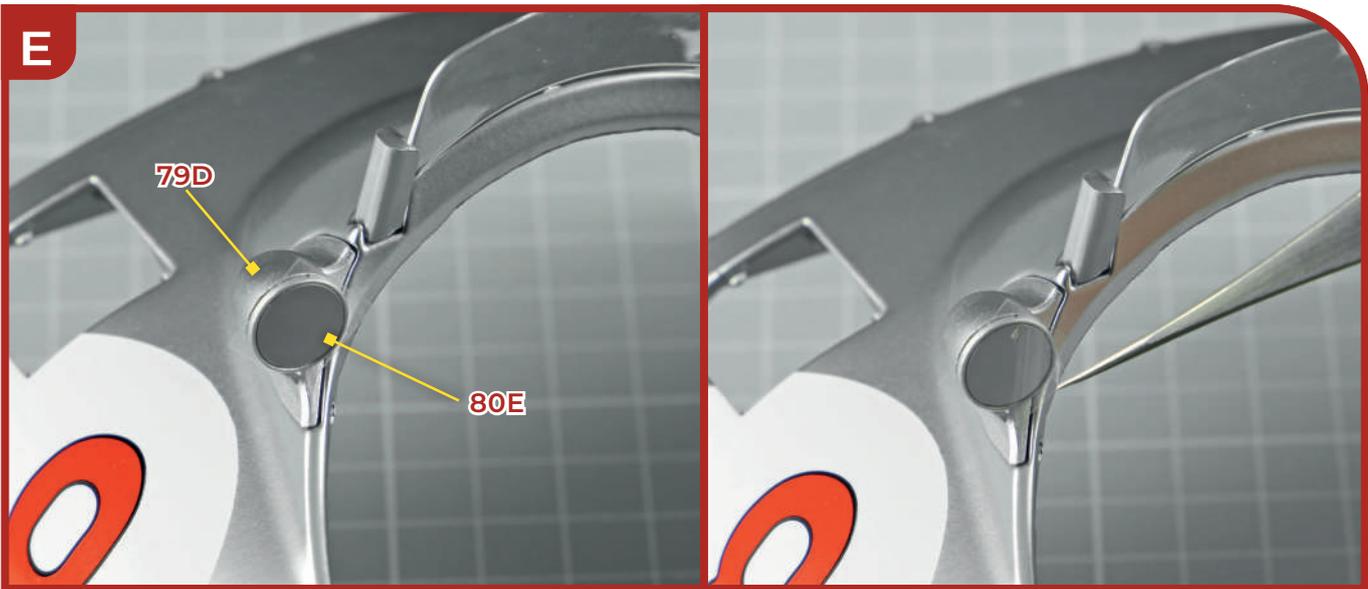
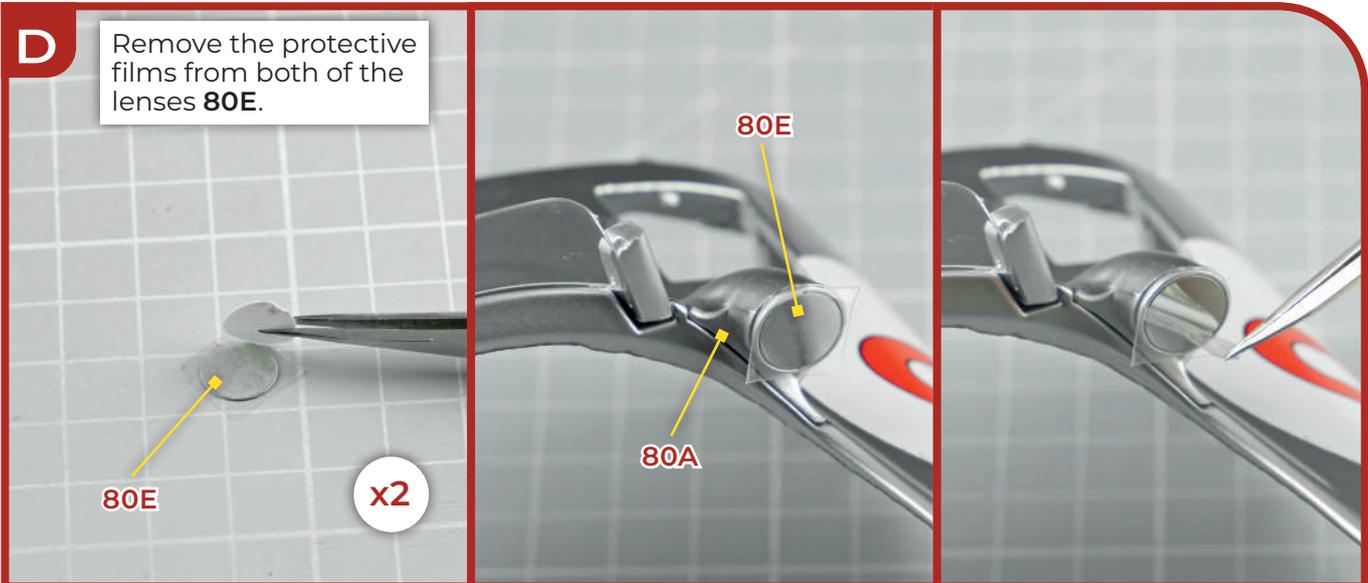
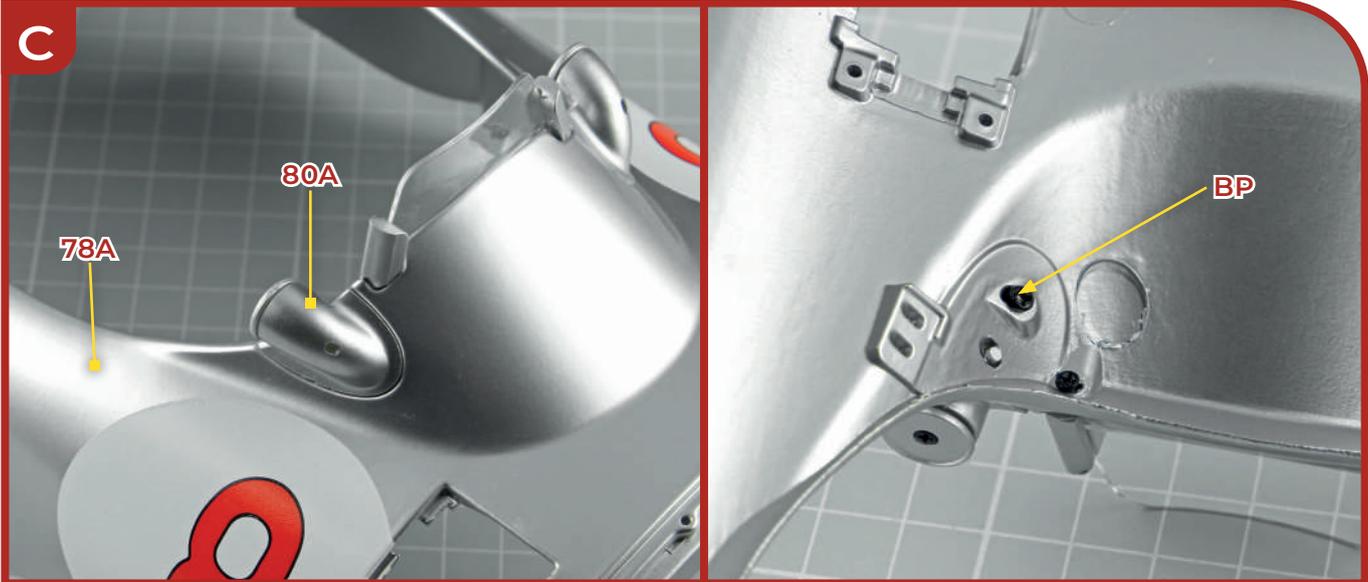
80E Side-view mirrors lenses (x2)

BP 2 screws (2 x 5 mm)

SP 2 screws (1.5 x 4 mm)

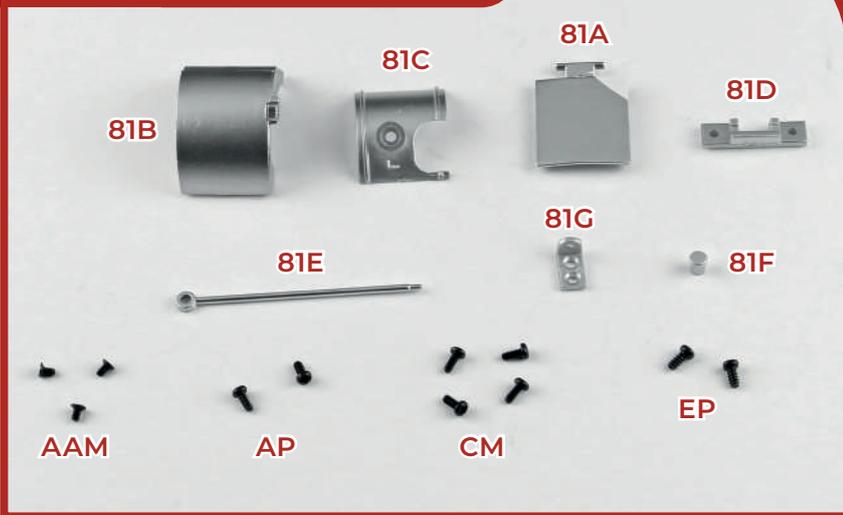


Stage 80: Attaching the Right Mirror



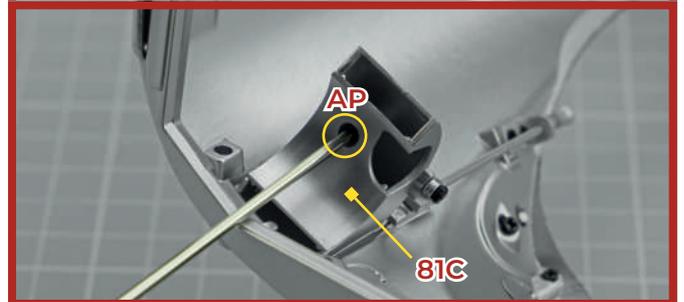
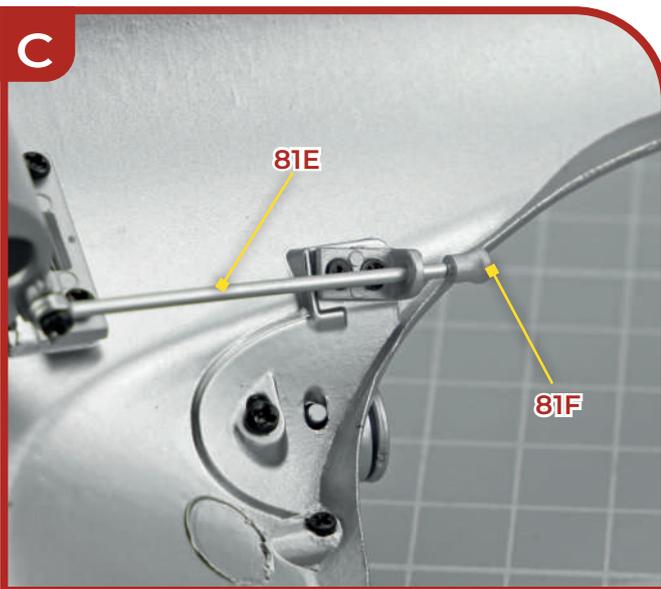
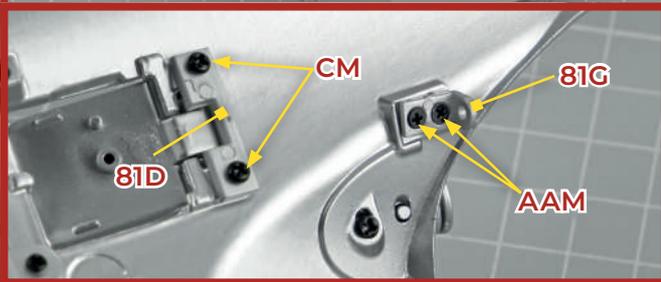
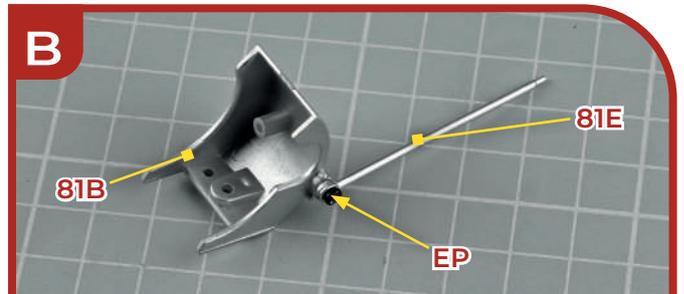
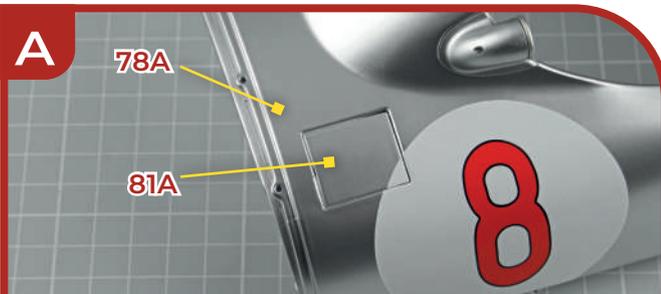
Stage 81: Fitting the Left Ducts and Vent Covers

8A-81# PARTS LIST



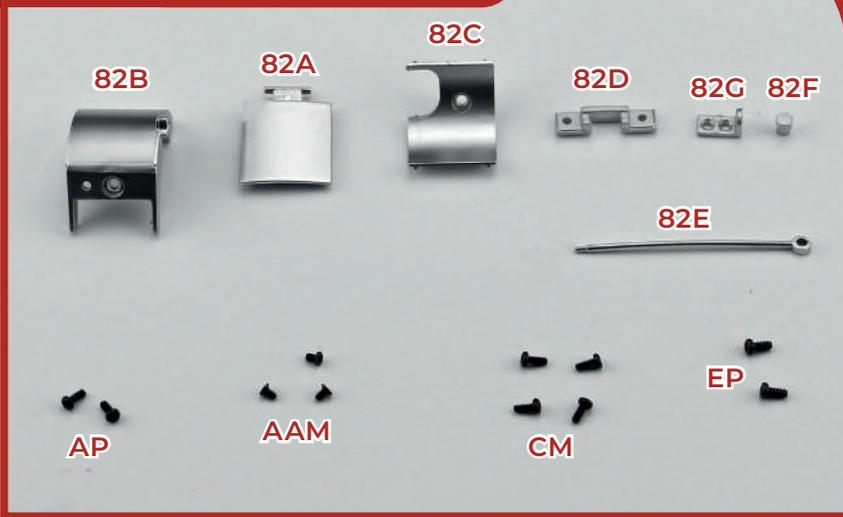
- 81A Vent hole cover (L)
- 81B Duct part A (L)
- 81C Duct part B (L)
- 81D Bracket 1 (L)
- 81E Rod
- 81F Knob
- 81G Bracket 2

- AP 2 screws (1.7 x 4 mm)
- EP 2 screws (2 x 4 mm)
- AAM 3 screws (1.7 x 3 mm)
- CM 4 screws (1.7 x 4 mm)



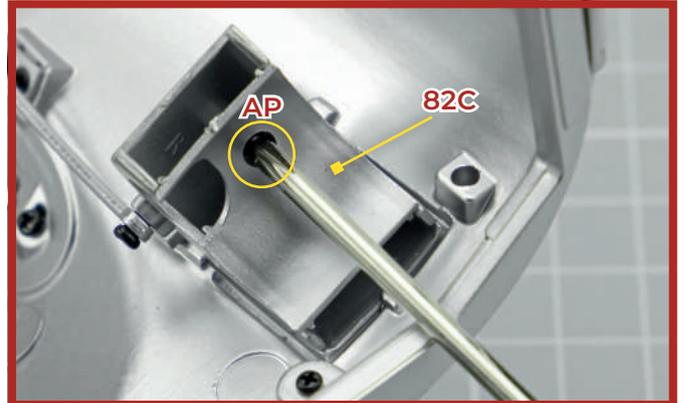
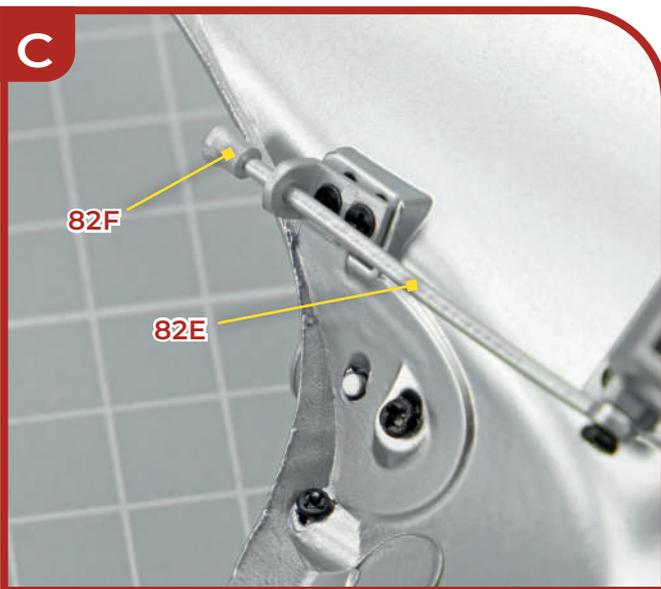
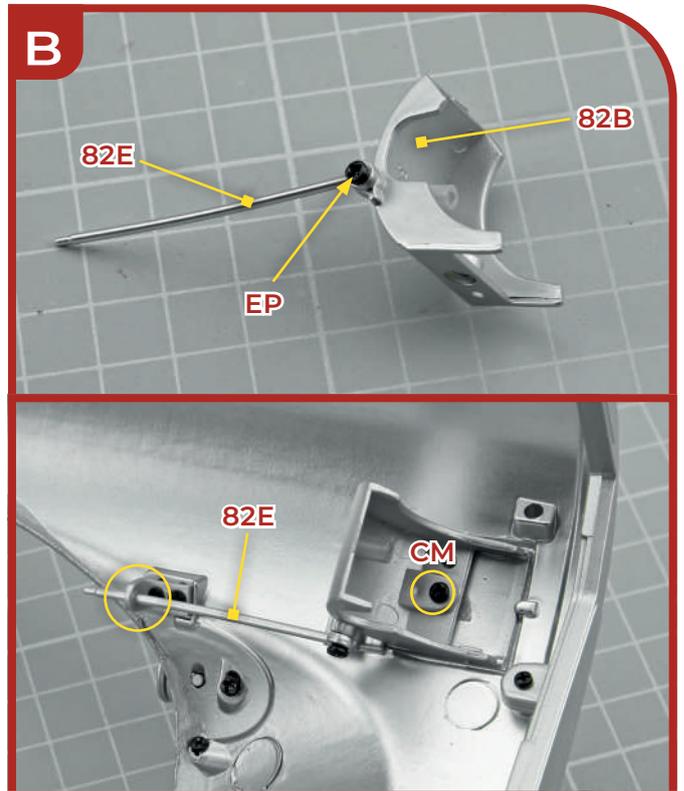
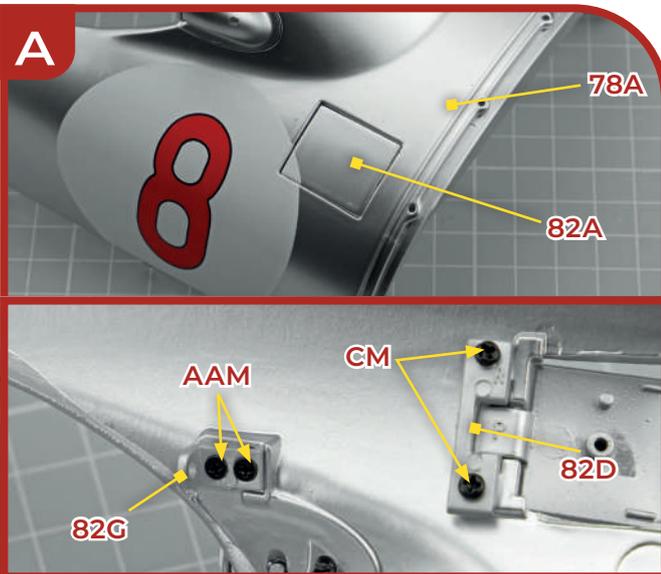
Stage 82: Fitting the Right Ducts and Vent Covers

8A-82# PARTS LIST



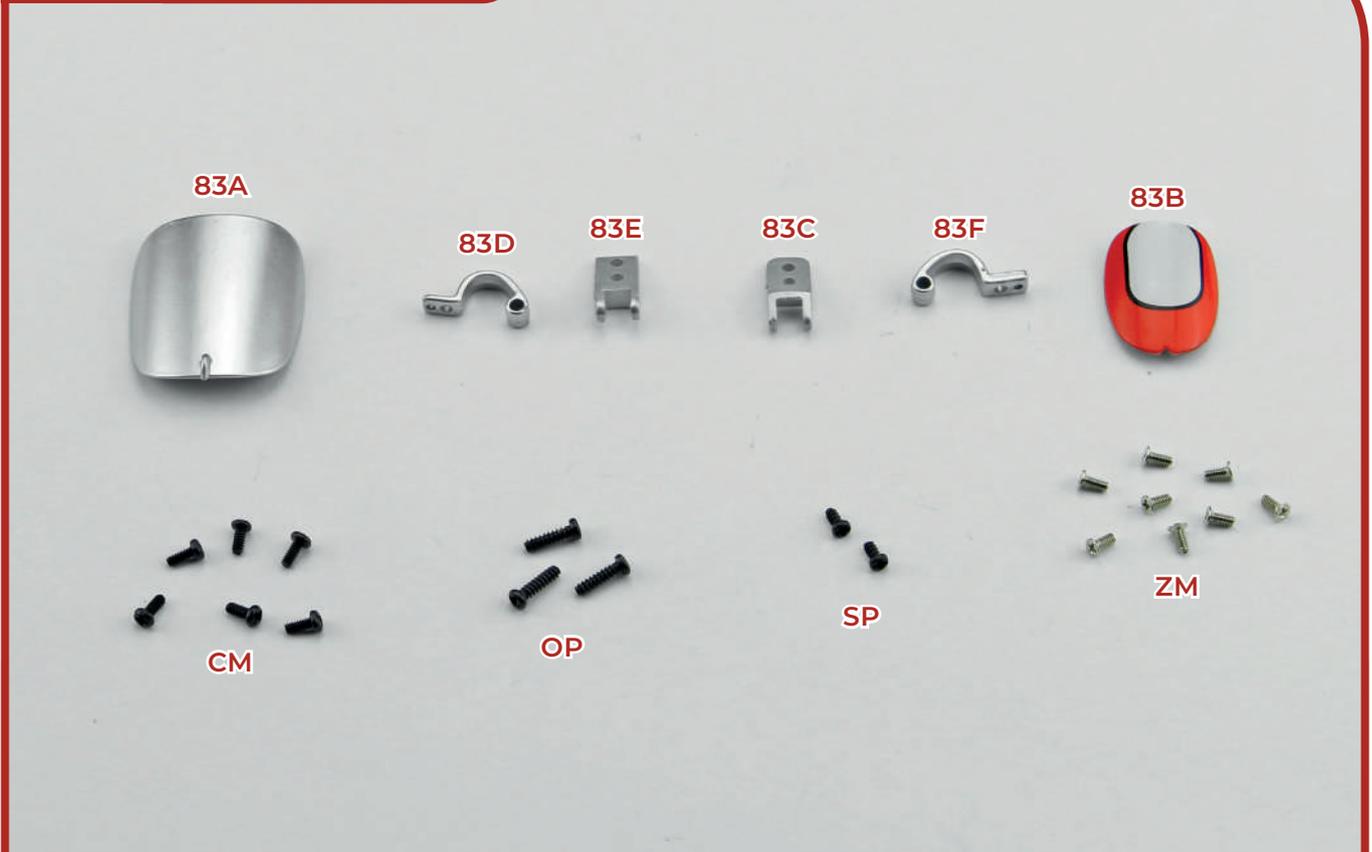
- 82A Vent hole cover (R)
- 82B Duct part A (R)
- 82C Duct part B (R)
- 82D Bracket 1 (R)
- 82E Rod
- 82F Knob
- 82G Bracket 2

- AP 2 screws (1.7 x 4 mm)
- EP 2 screws (2 x 4 mm)
- AAM 3 screws (1.7 x 3 mm)
- CM 4 screws (1.7 x 4 mm)



Stage 83: Fitting the Fuel and Oil Tank Covers and Mounting the Rear Body Panel

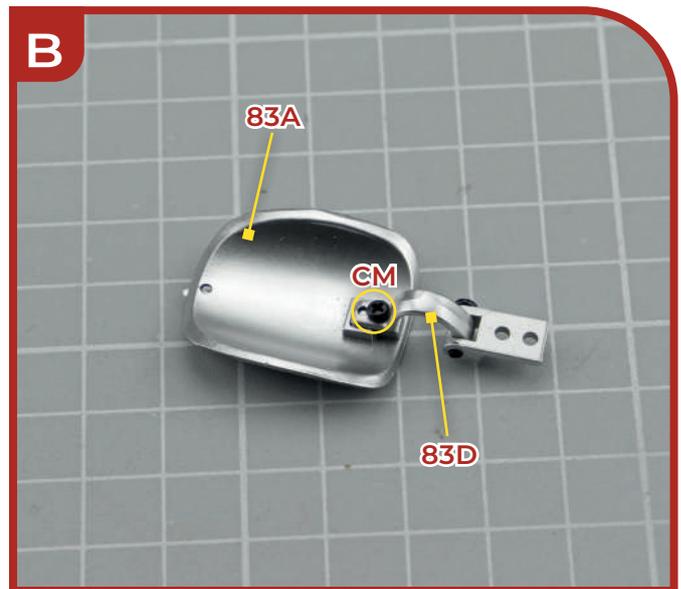
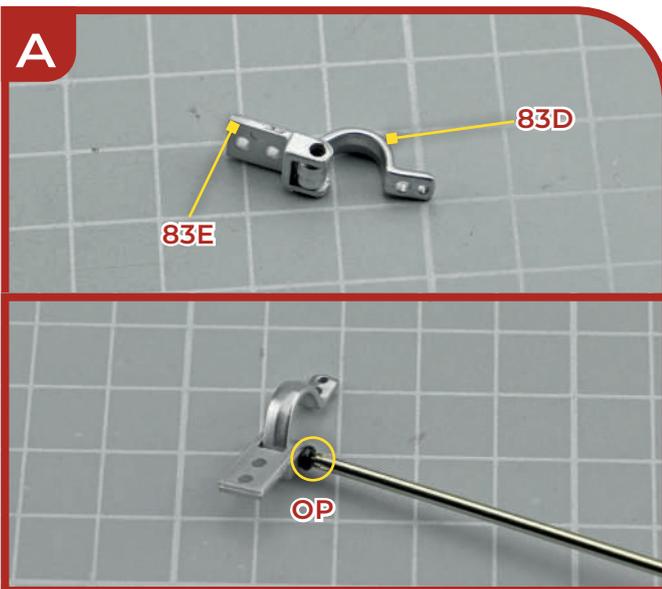
8A-83# PARTS LIST



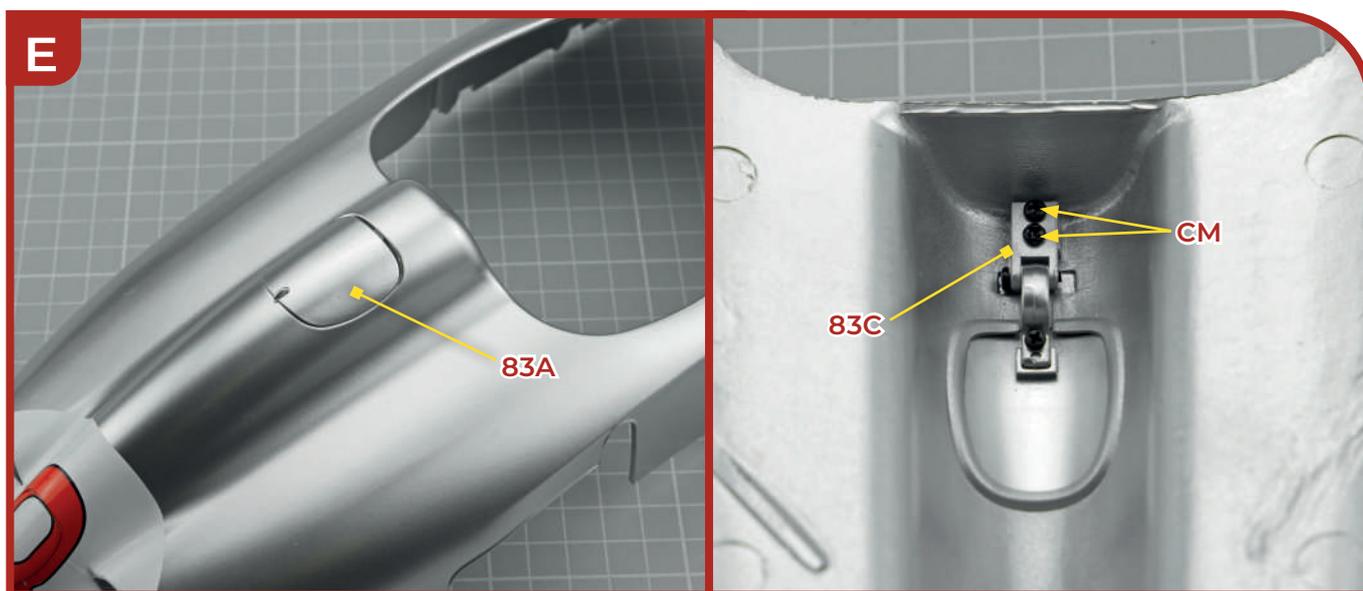
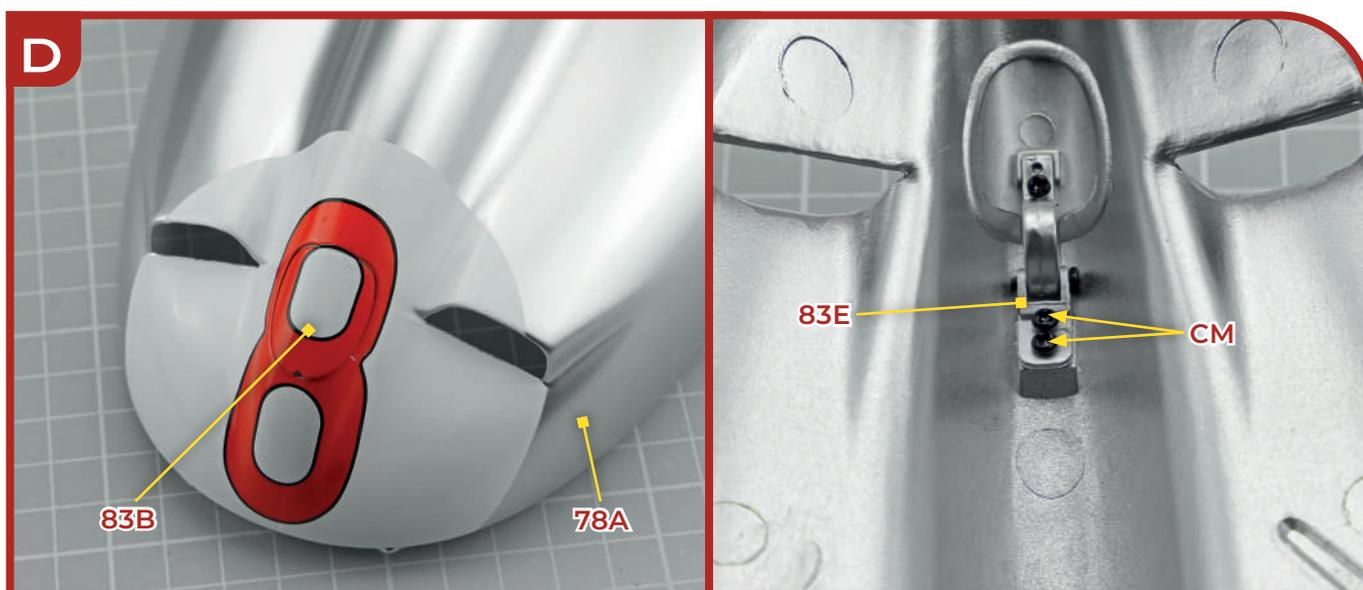
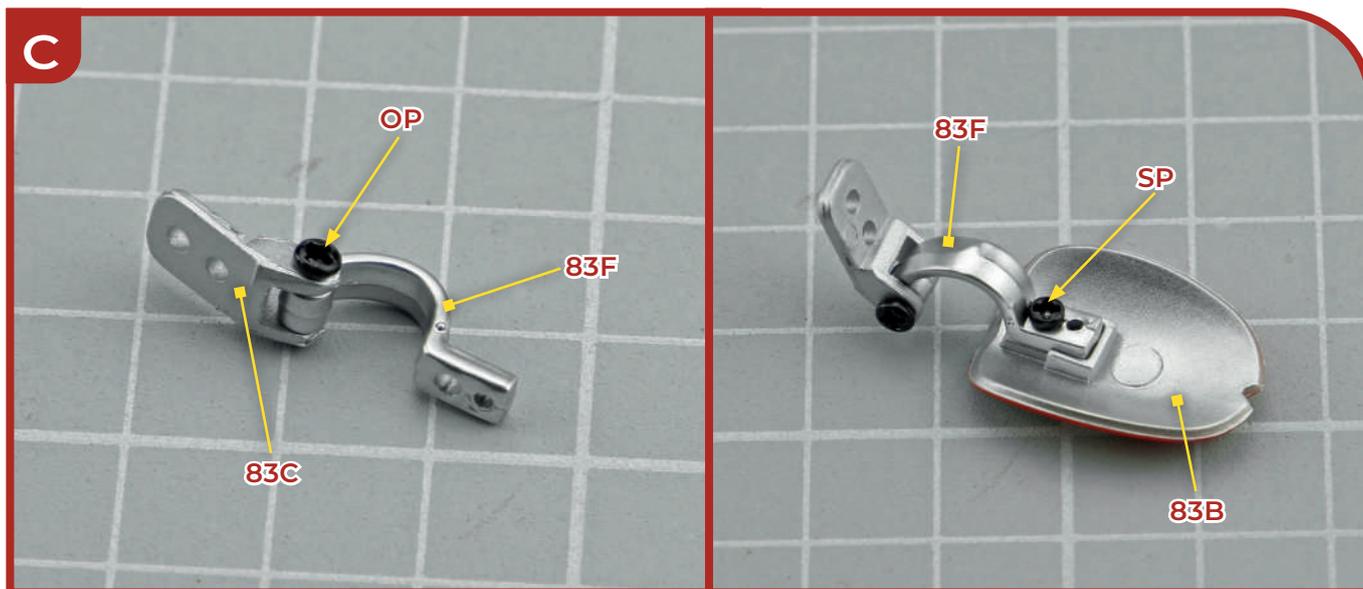
83A Fuel tank cap cover
83B Oil tank cap cover
83C Fuel tank bracket
83D Fuel tank hinge

83E Oil tank bracket
83F Oil tank hinge

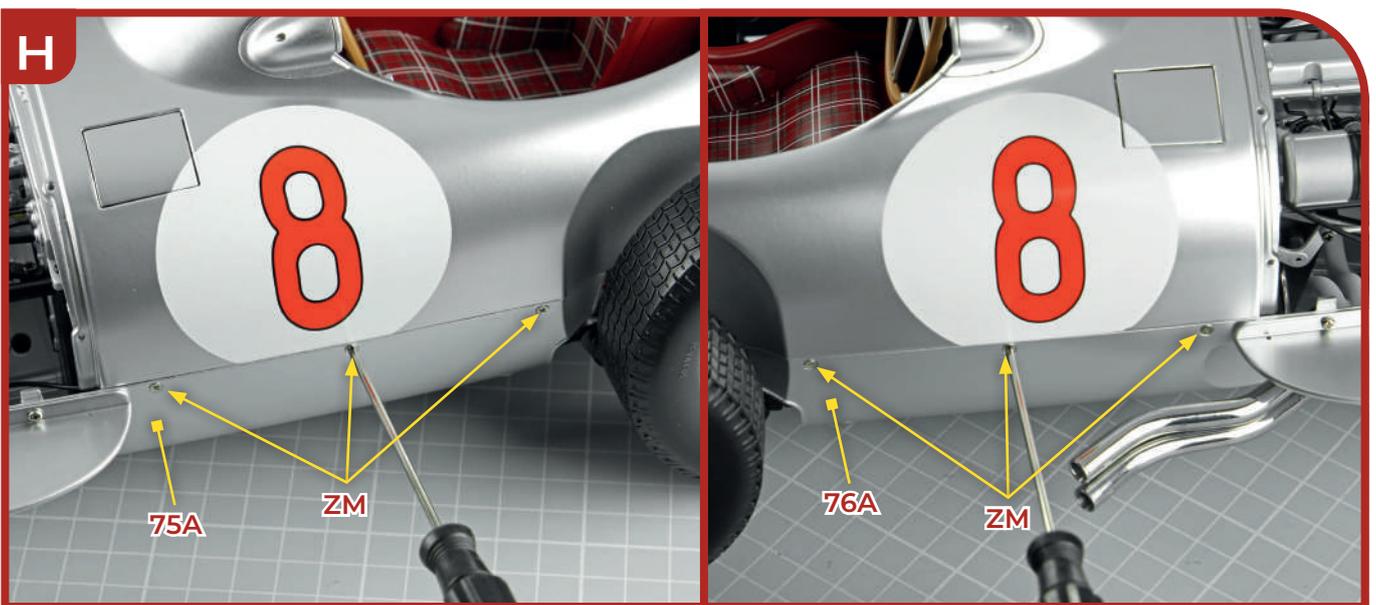
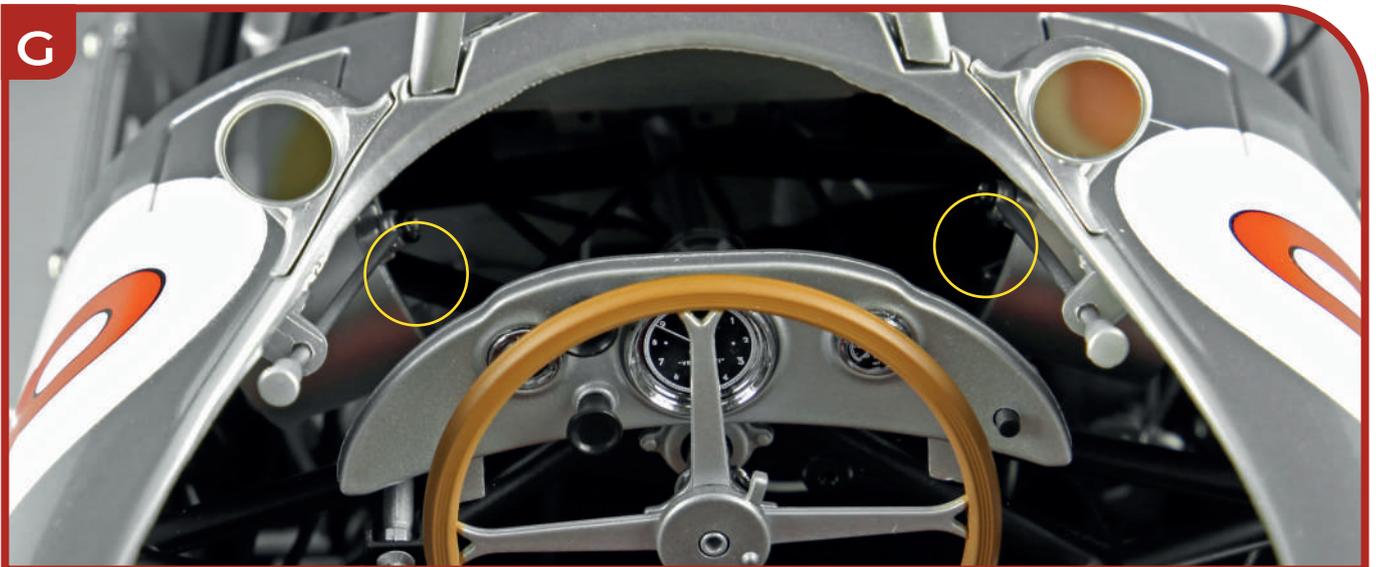
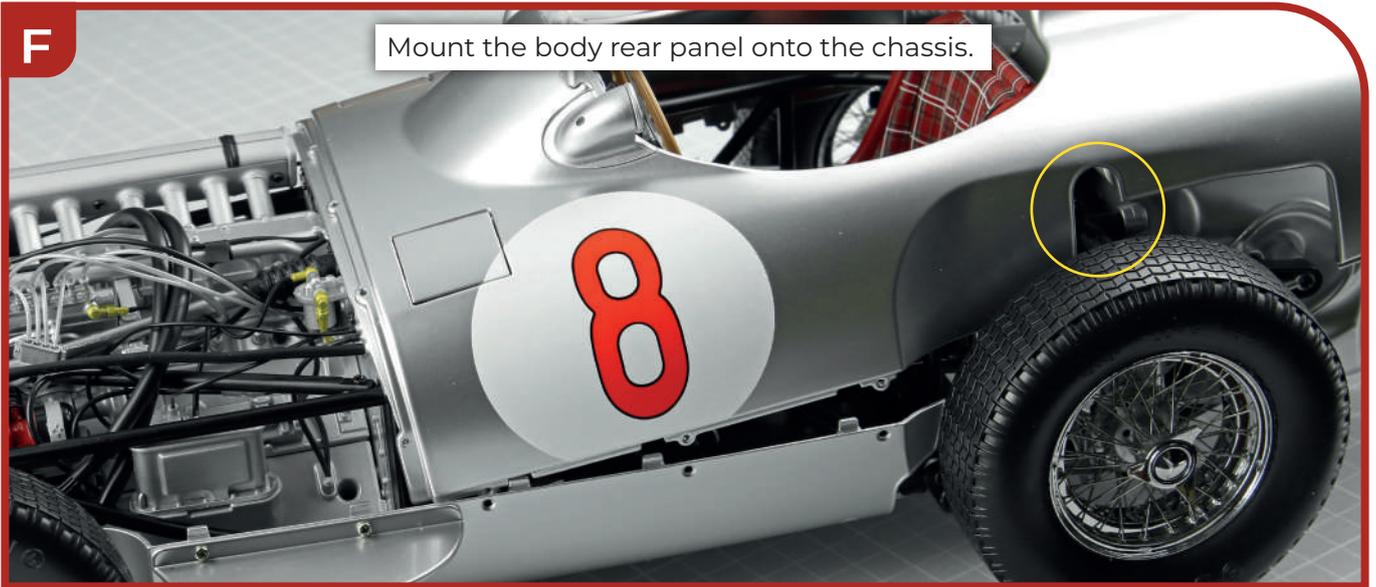
OP 3 screws (2 x 7 mm)
SP 2 screws (1.5 x 4 mm)
CM 6 screws (1.7 x 4 mm)
ZM 8 screws (1.7 x 4 mm)



Stage 83: Fitting the Fuel and Oil Tank Covers and Mounting the Rear Body Panel

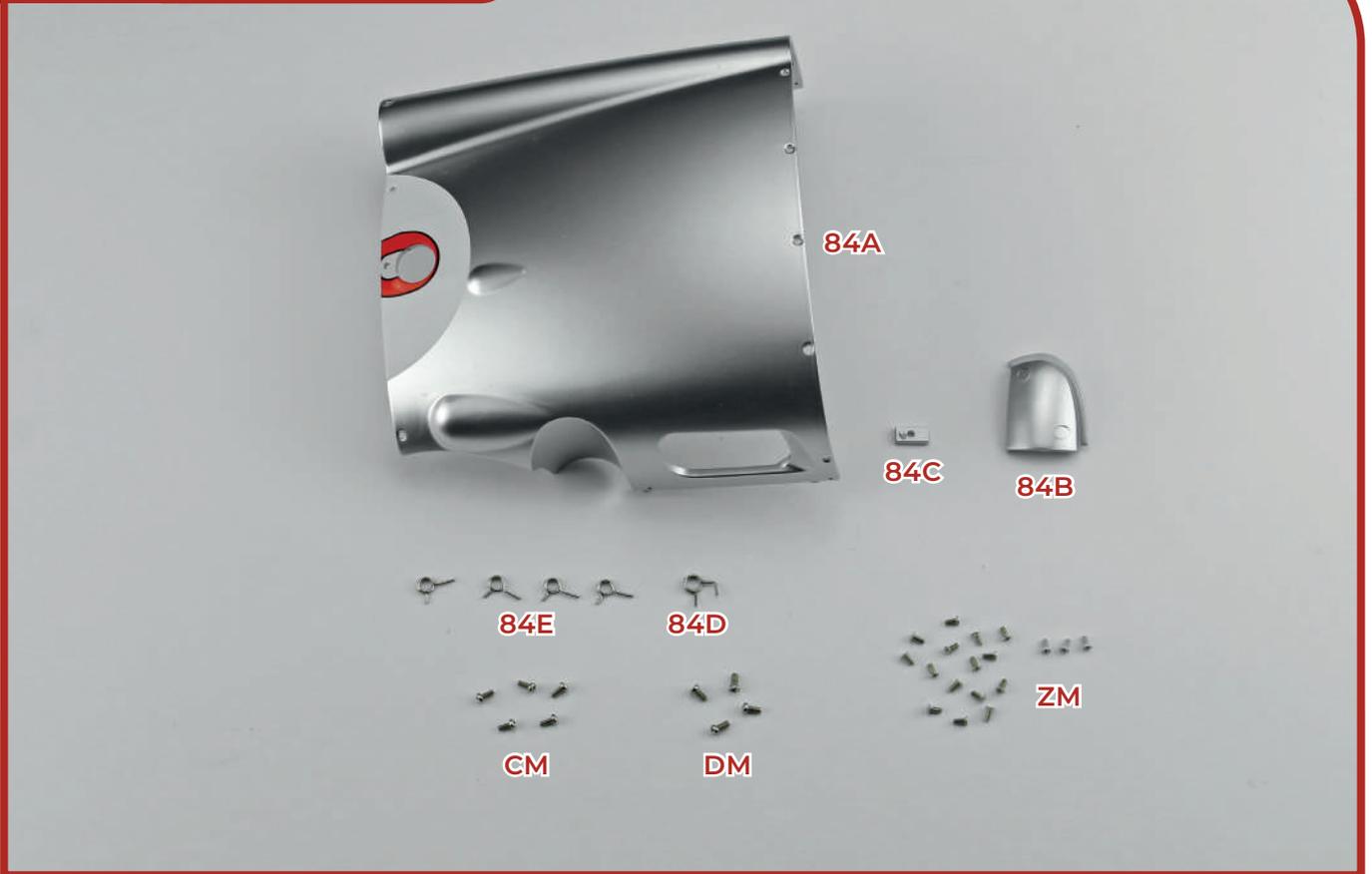


Stage 83: Fitting the Fuel and Oil Tank Covers and Mounting the Rear Body Panel

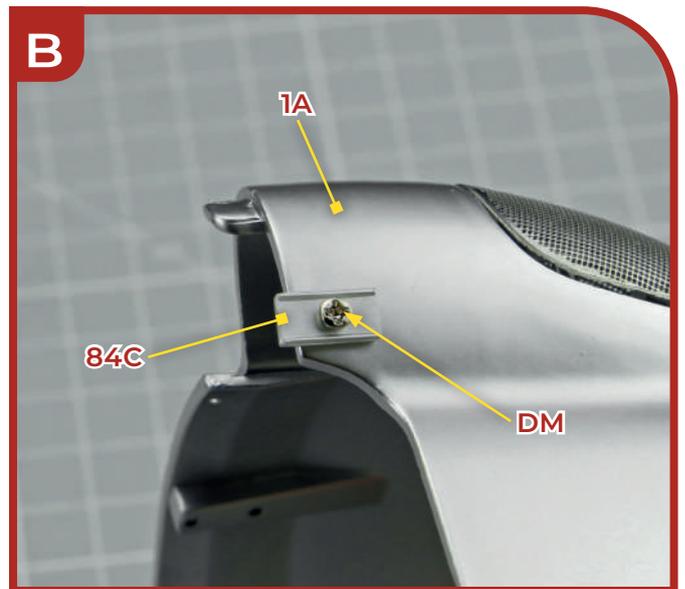
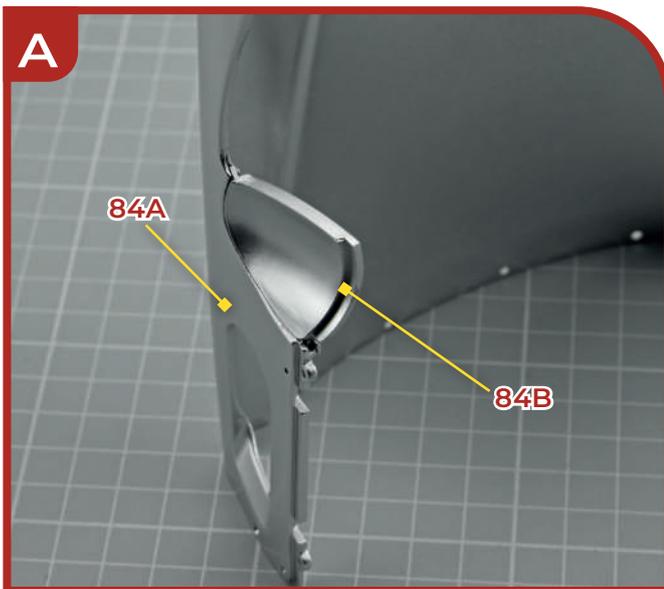


Stage 84: Mounting the Nose and the Front Body Panel

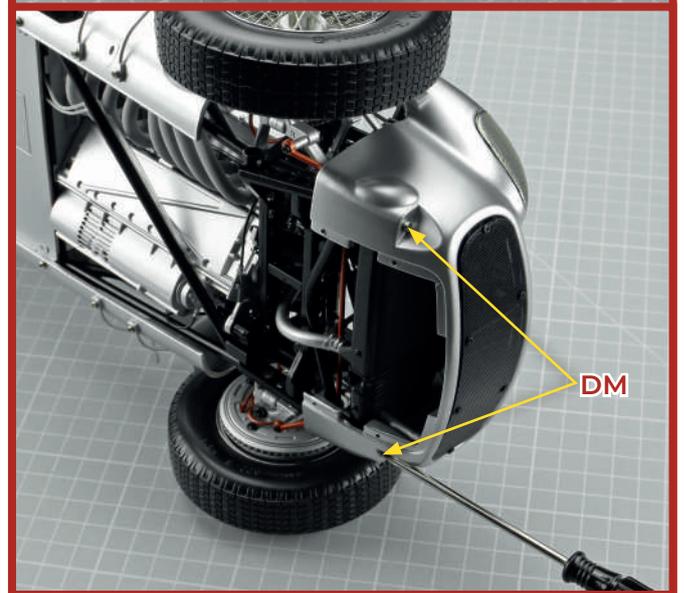
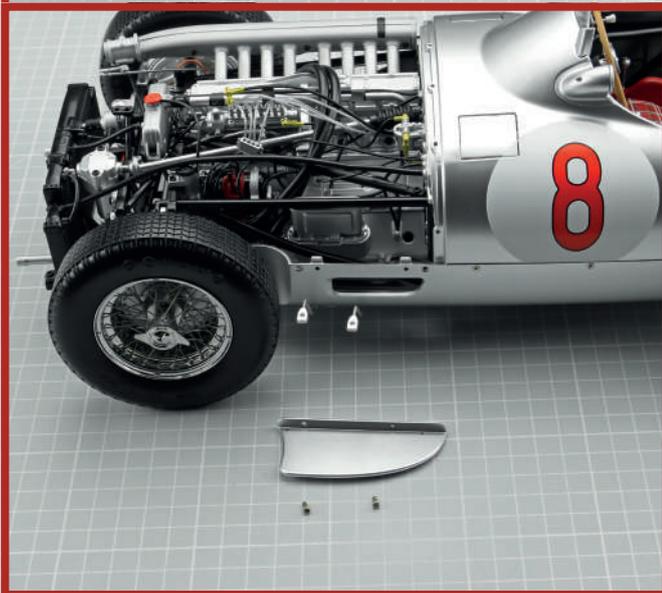
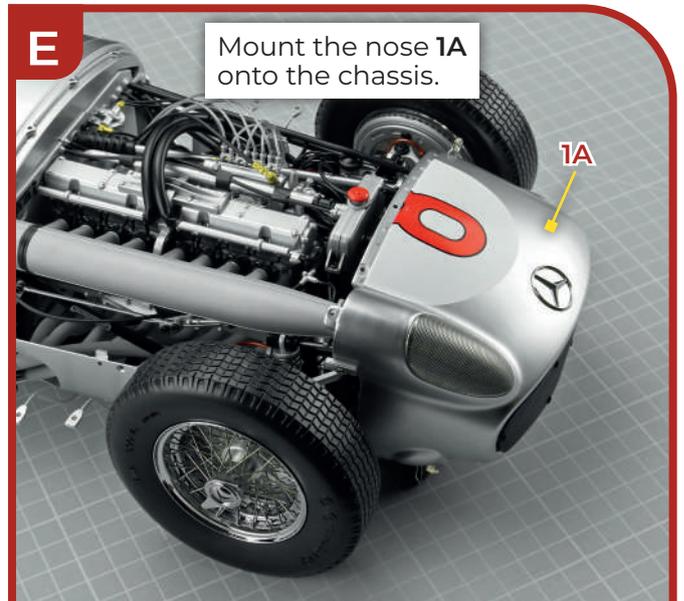
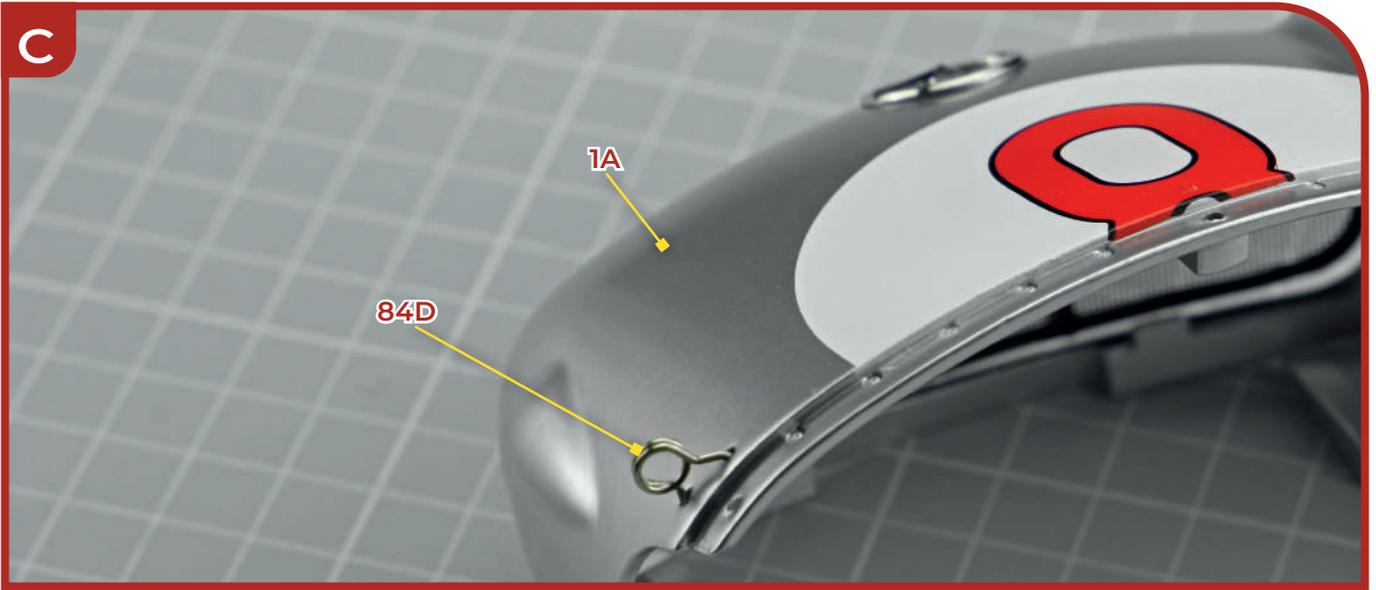
84# PARTS LIST



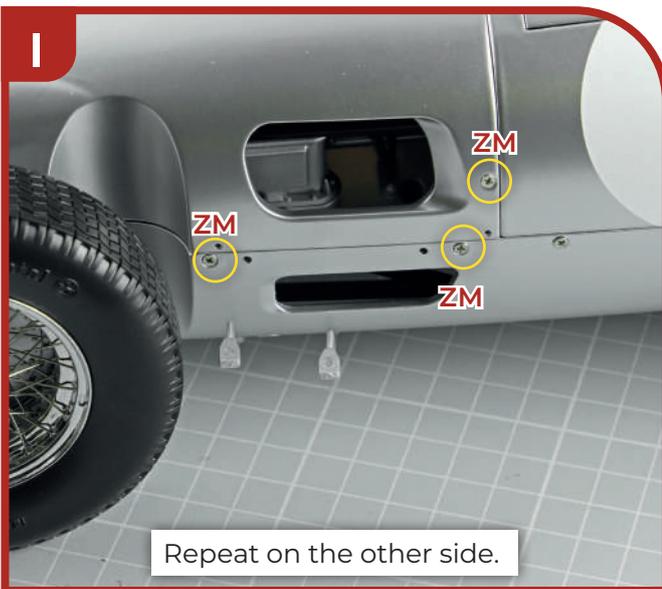
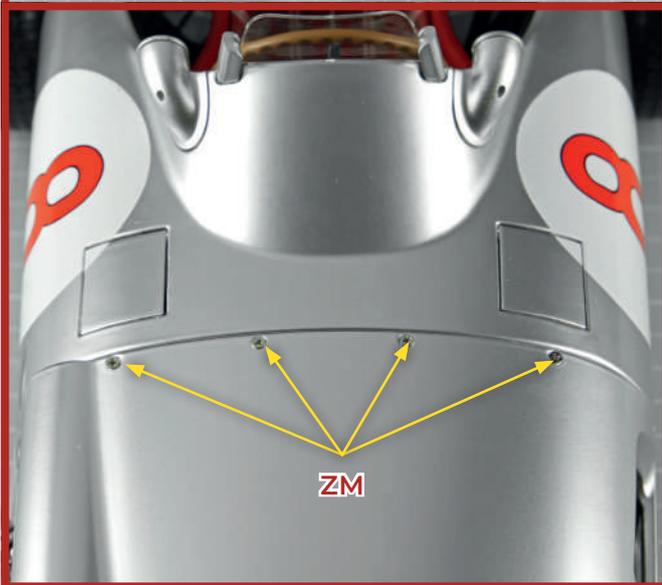
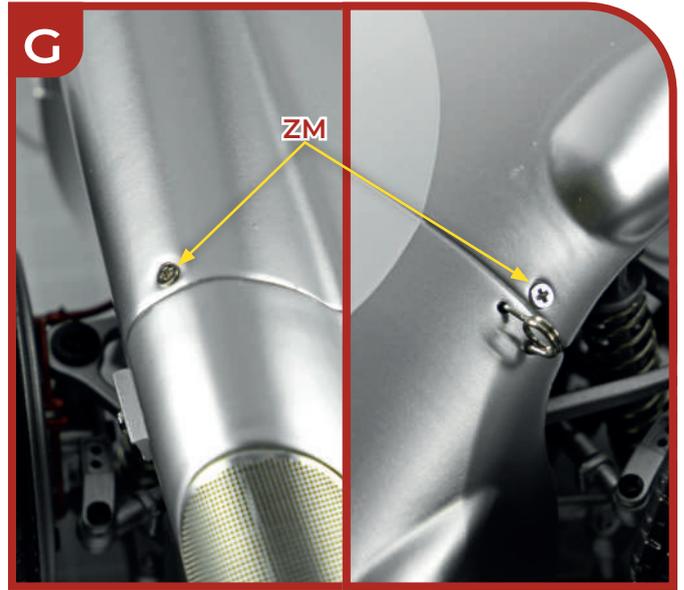
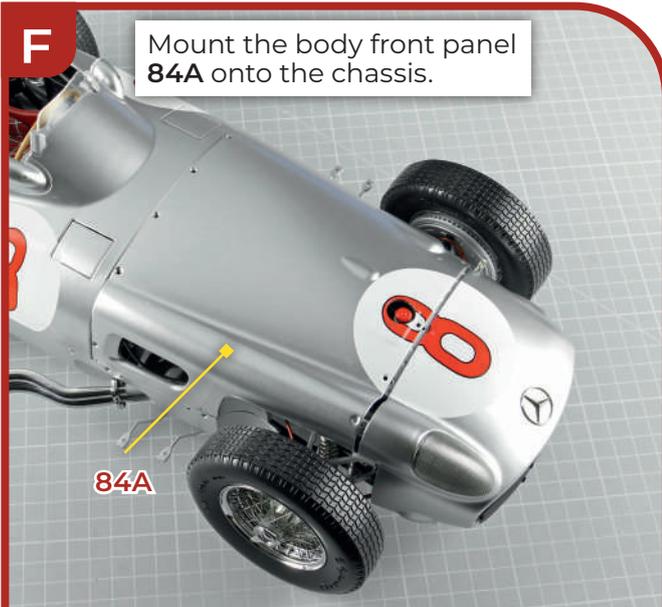
- | | | | | | |
|------------|------------------------------|------------|--------------------|-----------|------------------------|
| 84A | Body front panel | 84C | Mounting plate | CM | 5 screws (1.7 x 4 mm) |
| 84B | Front right wheel arch panel | 84D | Fixing pin 1 | DM | 4 screws (2 x 4 mm) |
| | | 84E | Fixing pins 2 (x4) | ZM | 18 screws (1.7 x 4 mm) |



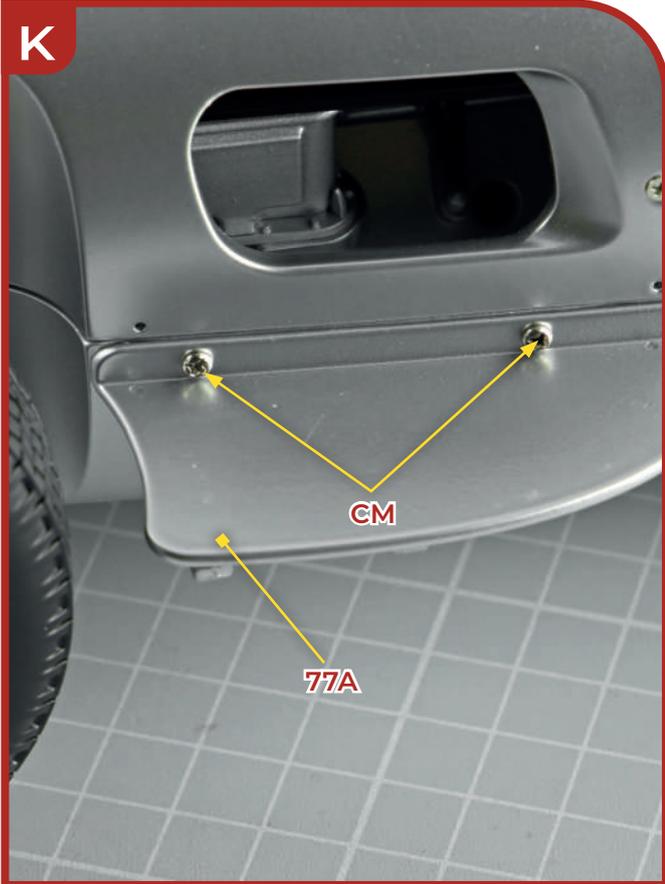
Stage 84: Mounting the Nose and the Front Body Panel



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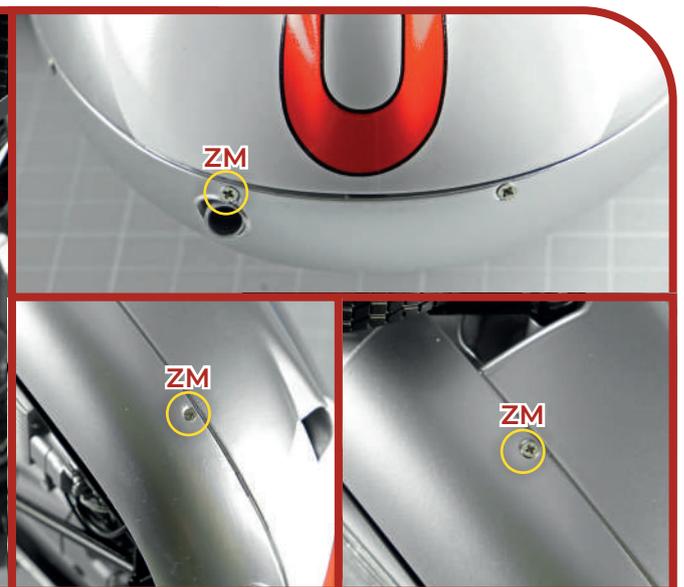
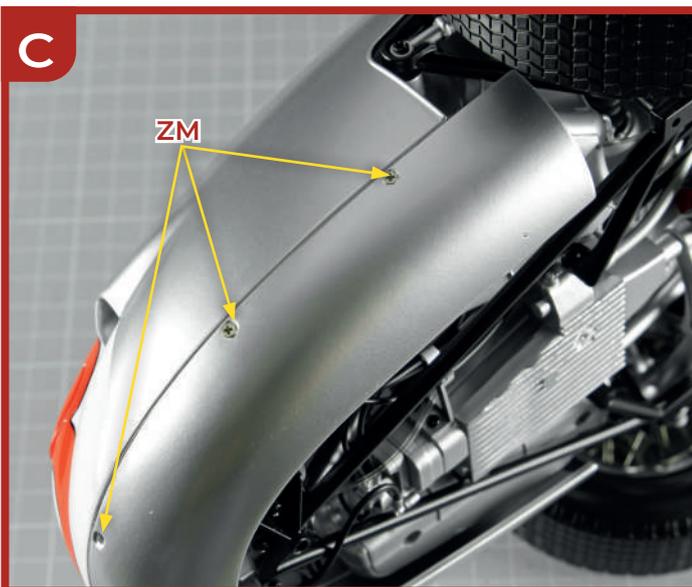
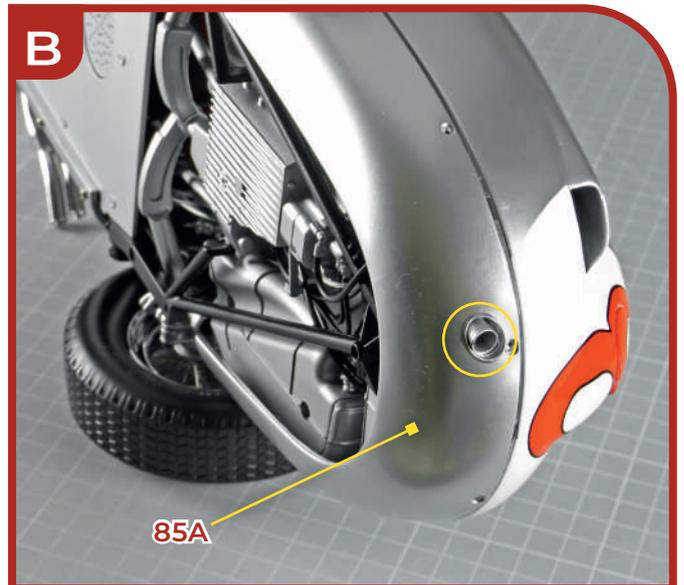
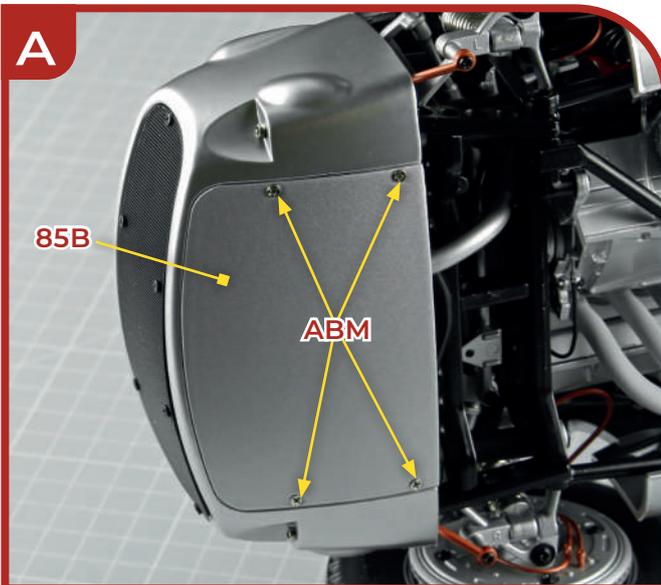
Stage 85: Mounting the Front and Rear Bottom Panels

8A-85# PARTS LIST



85A Rear bottom panel
85B Front bottom panel

ABM 5 screws (1.7 x 5 mm)
ZM 8 screws (1.7 x 4 mm)



Stage 85: Mounting the Front and Rear Bottom Panels

BUILD COMPLETE



Build Complete!

We hope you have enjoyed building your Mercedes-Benz W 196 R. Don't forget, when you choose your next model the first Pack is absolutely free! Go to agoramodels.com for more details.

! Warning: to keep your model in pristine condition please keep out of direct sunlight.

Your Completed Mercedes-Benz W 196 R



Your Completed Mercedes-Benz W 196 R

