

Ferrari

250 GTO



Pack 02

BUILD INSTRUCTIONS

**STAGE 07: THE DISTRIBUTORS AND FIRST
CYLINDER HEAD**

STAGE 08: THE RIGHT CAM COVER

STAGE 09: THE FIRST CARBURETTORS

STAGE 10: THE RIGHT DOOR (PART 1)

STAGE 11: THE RIGHT DOOR (PART 2)

STAGE 12: THE RIGHT DOOR (PART 3)

STAGE 13: THE LEFT DOOR (PART 2)

STAGE 14: THE LEFT DOOR (PART 3)

Advice from the experts

To help you get the best out of building the Ferrari 250 GTO, we've prepared a modellers checklist with hints, tips and advice from our experts. The information below is aimed at making your build as enjoyable and professional as possible right from the start.

Have a soft cloth ready to place on your work surface to prevent scratching the paintwork.

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.

Only use the correct size screwdriver that fits the screw head firmly.

Use a magnet to help find screws that have fallen on the floor.

Use masking tape to hold parts temporarily in place.

Cut parts from a sprue (framework) with side cutters or a craft knife. Side cutters tend to be easiest.

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 *Ferrari 250 GTO*, the left- or right-hand side refers to that side as if 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.

All parts belong to a kit. Collectors item for adults.

Not suitable for children under 14.

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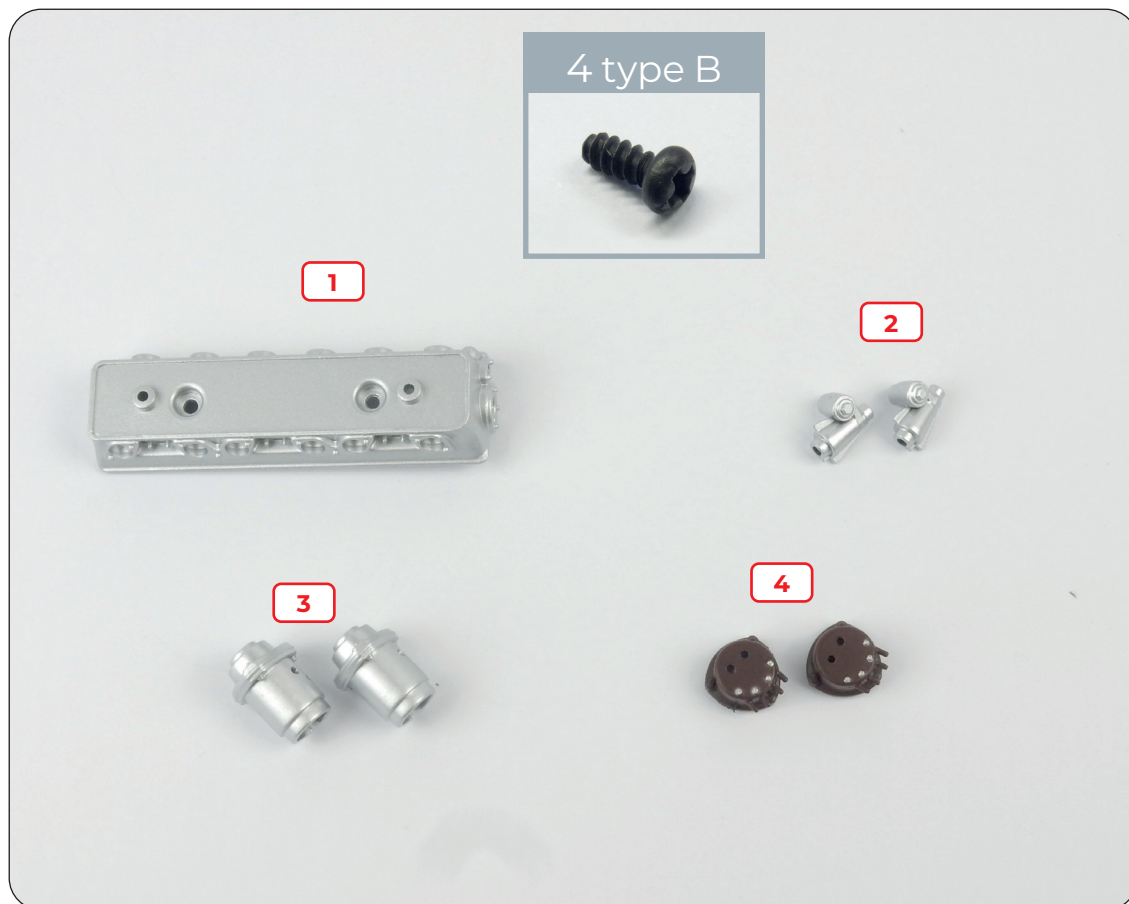
Stage 07: The Distributors and First Cylinder Head

In this stage you will assemble the two distributors and join one to the right cylinder head.



STAGE 07 PARTS LIST

| Name | Name |
|----------------------------|-----------------|
| 1 Right-hand cylinder head | 2 type B screws |
| 2 Distributor base x2 | |
| 3 Distributor body x2 | |
| 4 Distributor cap x2 | |

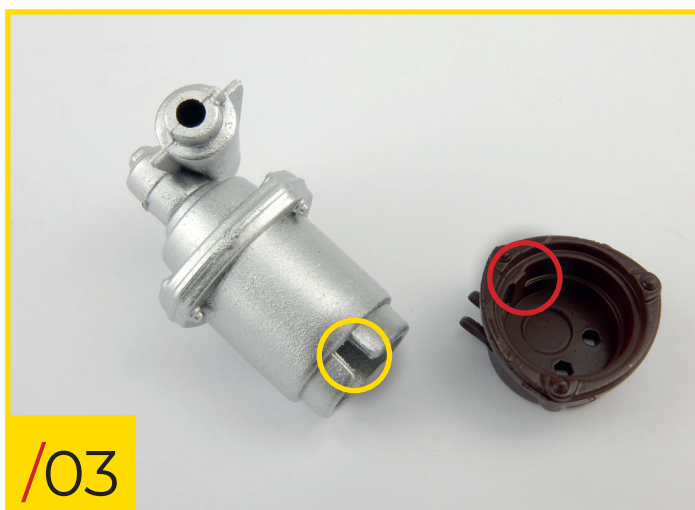
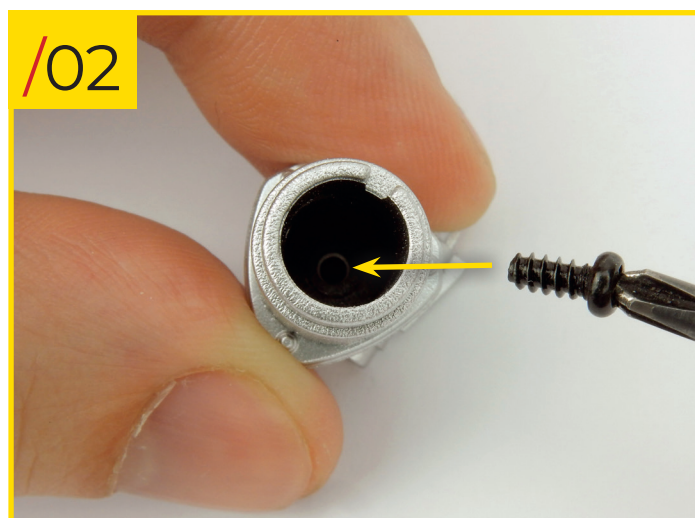


Stage 07: The Distributors and First Cylinder Head



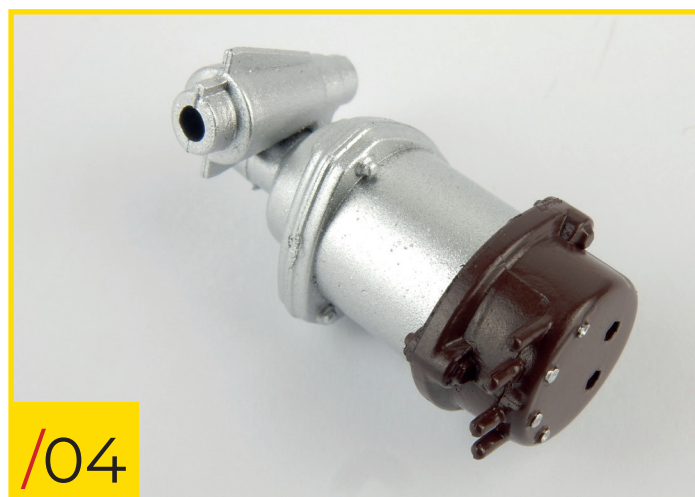
07/01 Join a distributor base to a body by orientating the pieces as shown in the photo.

07/02 Turn the two pieces upside down and fix them together with a B screw.

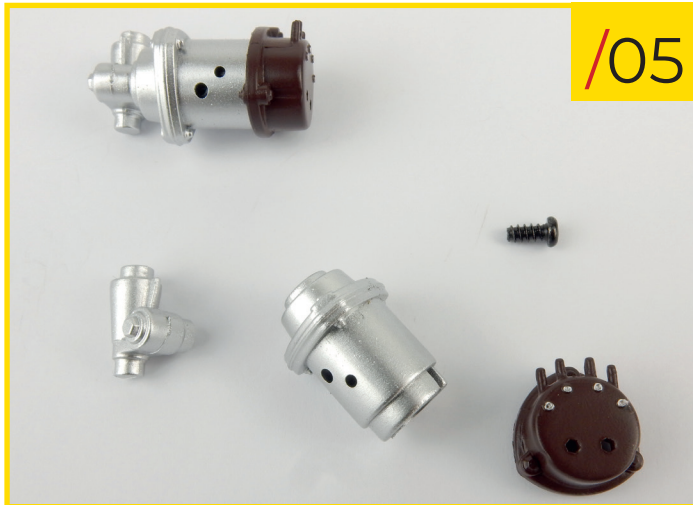


07/03 Now join one of the caps to the body, orientating the pieces as shown.

07/04 This is what the first distributor looks like correctly assembled.



Stage 07: The Distributors and First Cylinder Head



07/05 Repeat the operations of the previous steps to assemble the second distributor.

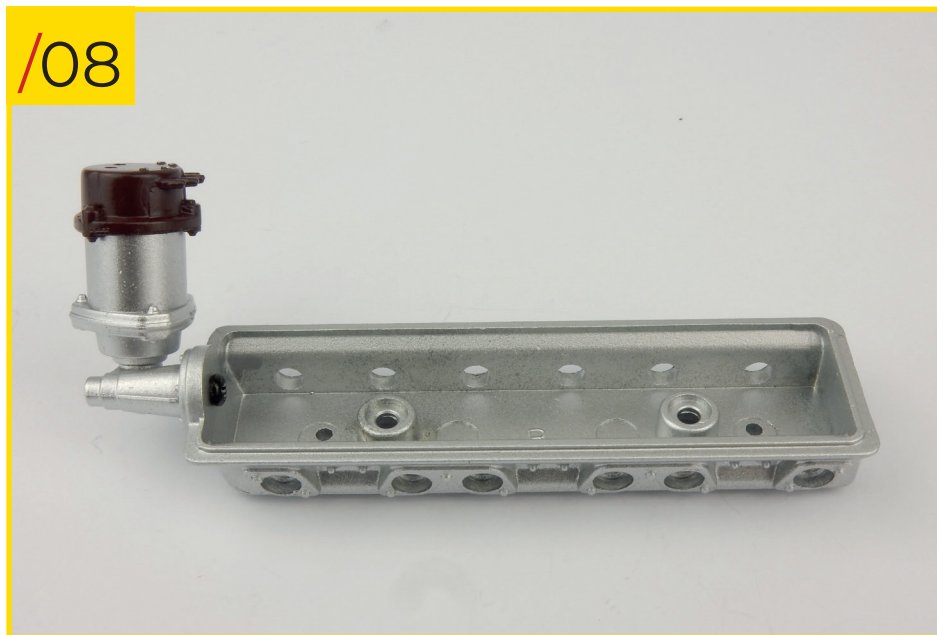
07/06 Join one of the two distributors (it doesn't matter which one) to the right-hand cylinder head, orientating the pieces as shown.



07/07 Fix the parts together with a type B screw.

Stage 07: The Distributors and First Cylinder Head

/08



07/08 Compare with the photo to check that you have joined the distributor correctly to the right-hand cylinder head.



STAGE 07 IS COMPLETE
This is what the right-hand cylinder head looks like at the end of this assembly stage.

Stage 08: The Right Cam Cover

In this stage you will assemble the right cam cover and join it to the cylinder head, which you assembled in stage 07. Carefully store the nuts left over at the end of this session.

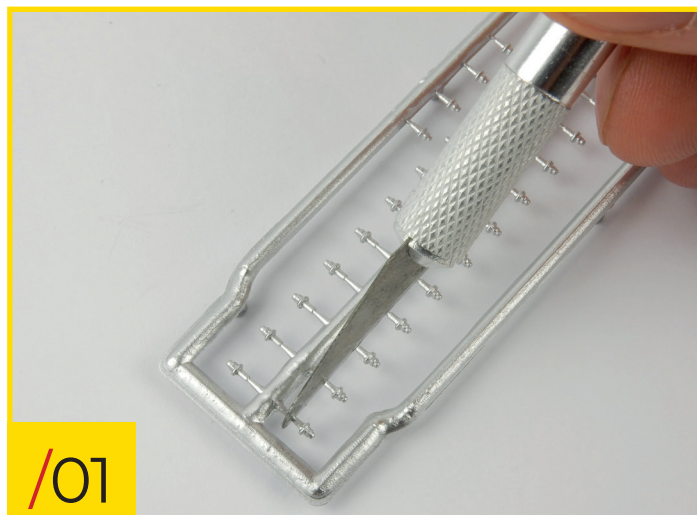


STAGE 08 PARTS LIST

| Name | Name |
|-------------------|-----------------|
| 1 Right cam cover | 3 type B screws |
| 2 Nuts | |
| 3 Tweezers | |

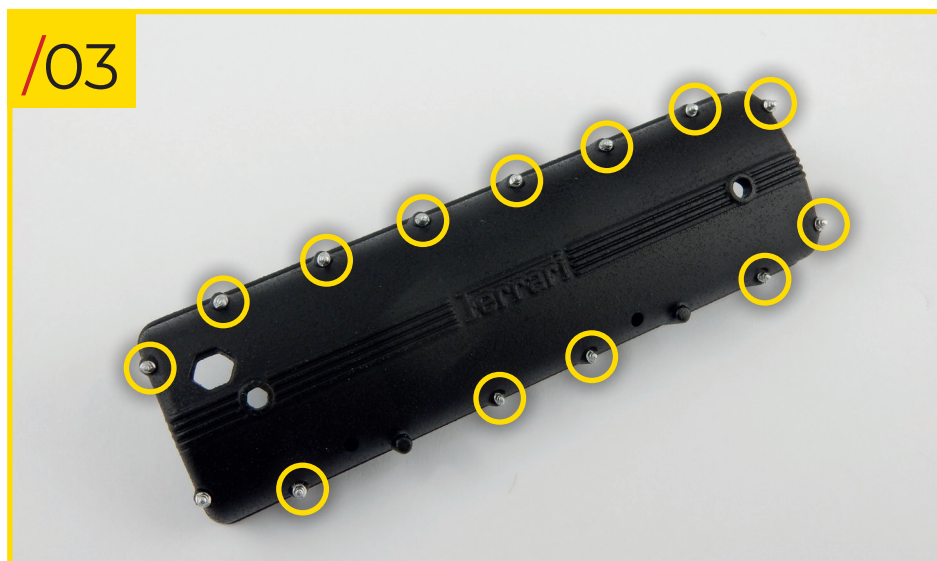


Stage 08: The Right Cam Cover



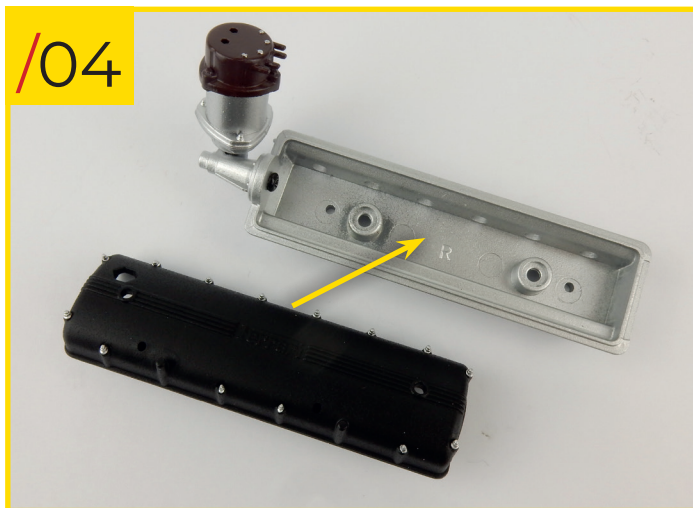
08/01 Using a craft knife, separate a nut from its sprue. As these components are very small, we recommend separating the nuts as they are installed and not all at once, so as not to lose them. Please be careful, they easily fire off. Hold each nut in place as you cut it.

08/02 Using the tweezers, place the first nut in one of the holes in the cam cover profile. If you wish, you can apply a drop of glue in the hole before placing the nut.



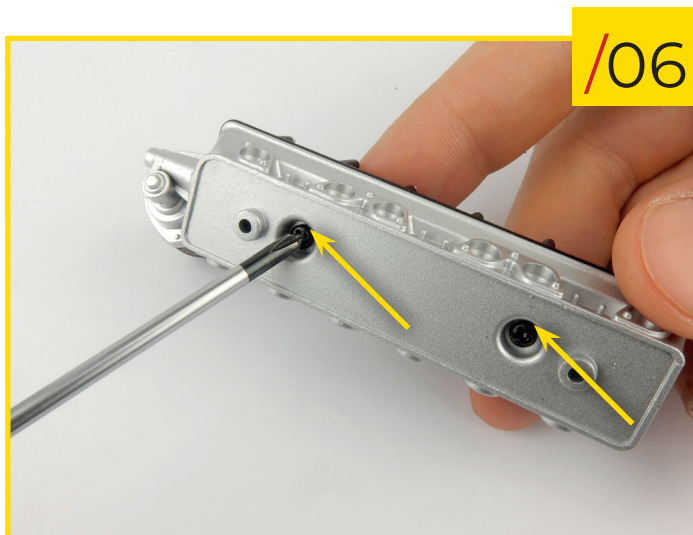
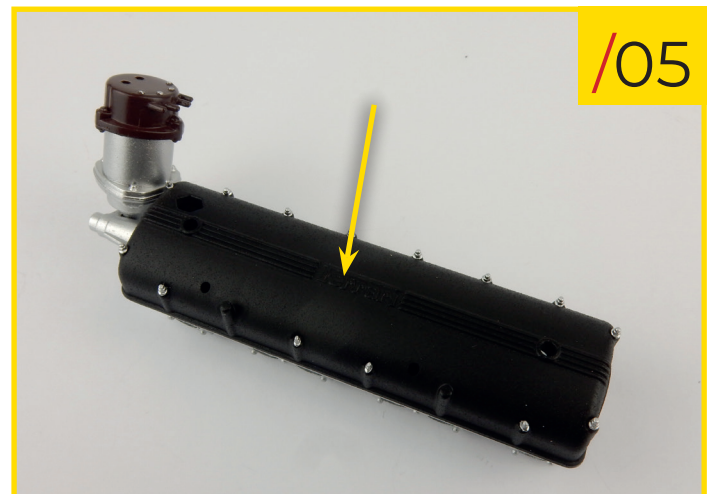
08/03 Repeat the previous steps to join another 13 nuts to the cam cover, as shown in the photo.

Stage 08: The Right Cam Cover



08/04 Retrieve the right cylinder head, which you worked on in stage 07, and install its cam cover. Orient the pieces as shown in the photo.

08/05 Apply light pressure to perfectly join the cam cover to the cylinder head.



08/06 Working on the underside of the cylinder head, fix together the pieces with two type B screws.

Stage 08: The Right Cam Cover



STAGE 08 IS COMPLETE
This is how the cam cover looks together with the right cylinder head. Carefully store the nuts left over from this assembly session.

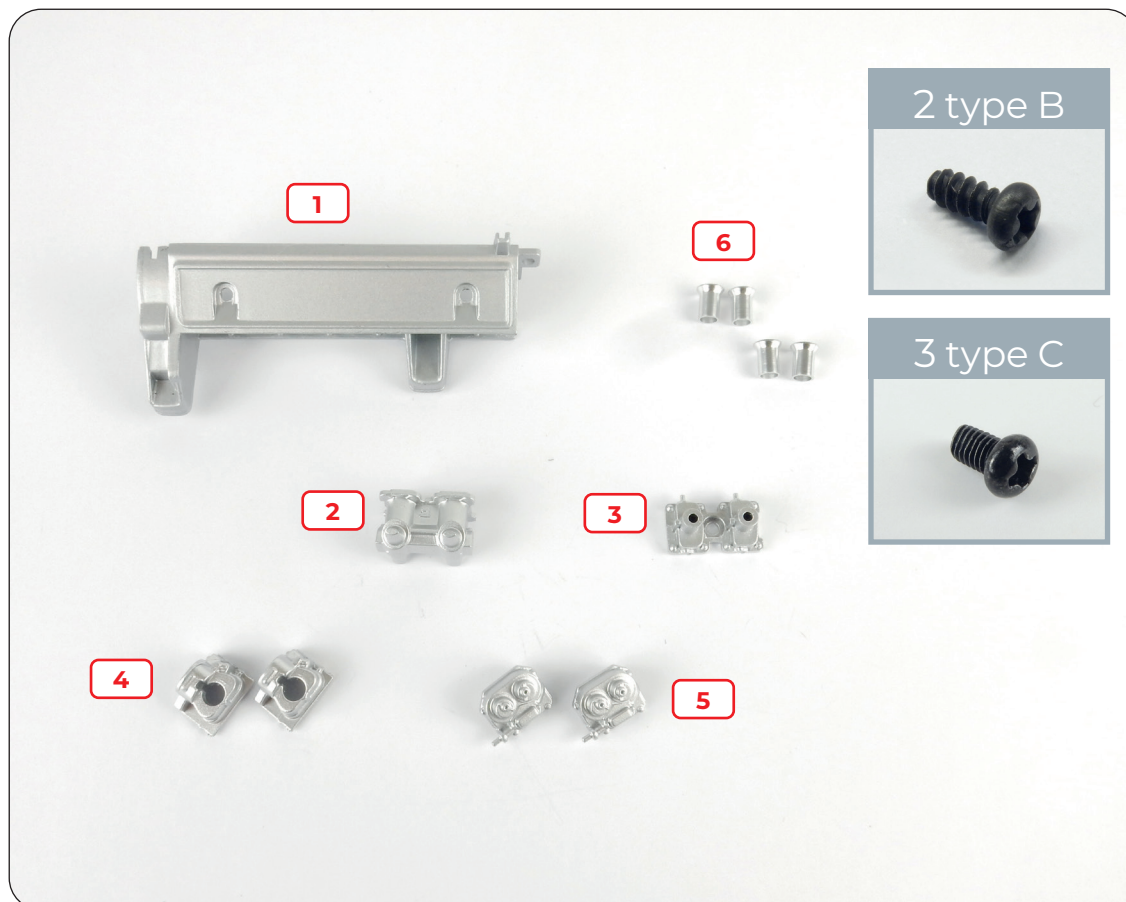
Stage 09: The First Carburettors

In this stage you'll start assembling the carburettors and attach the right cylinder head to the right side of the engine block.



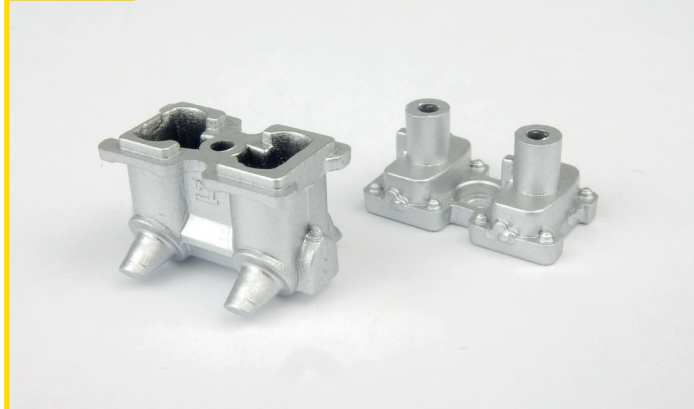
STAGE 09 PARTS LIST

| Name | Name |
|---------------------------------------|------------------------|
| 1 Right side of the engine block | 6 Carburettor trumpets |
| 2 Carburettor connector | |
| 3 Lower section of the carburetors | |
| 4 Central sections of the carburetors | 2 type B screws |
| 5 Upper sections of the carburetors | 3 type C screws |



Stage 09: The First Carburettors

/01



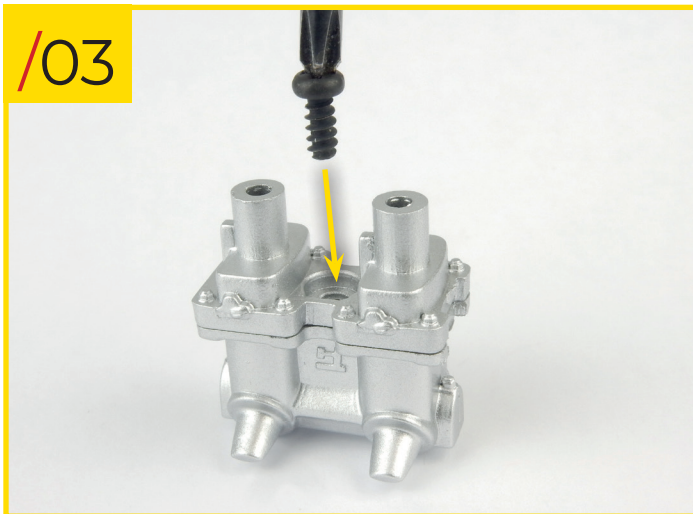
09/01 Place the carburettor connector and lower section of the carburettors on your workbench.

/02



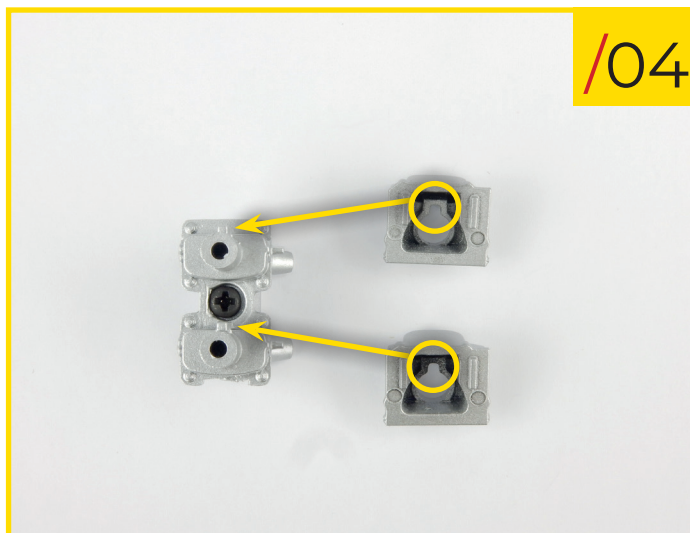
09/02 Fit the lower section of the carburettors to the connector. Due to the shape of their outline, there is only one way to fit them together.

/03



09/03 Secure the pieces together using a type B screw.

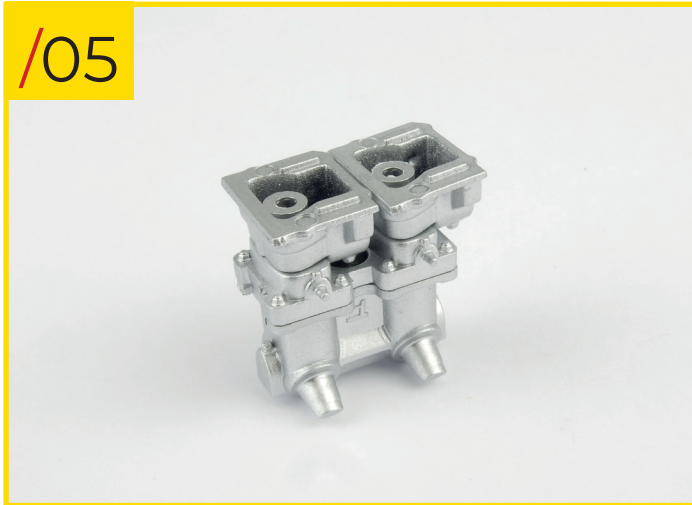
/04



09/04 Fit the two central sections to the lower section.

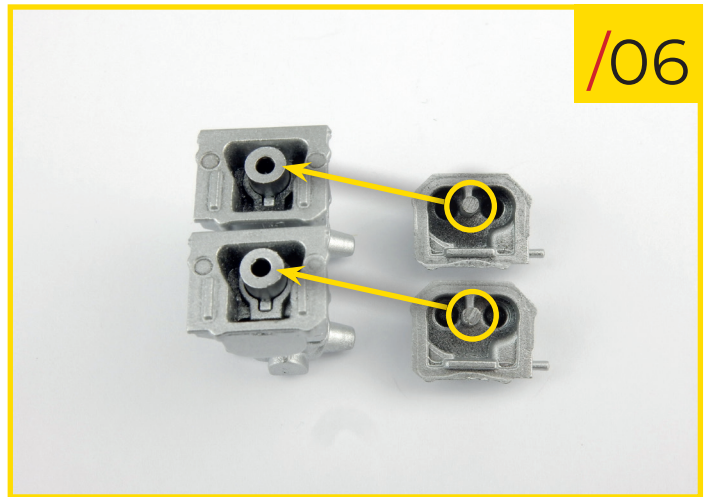
Stage 09: The First Carburetors

/05



09/05 Look at the photo to check that you've oriented the pieces correctly.

/06



09/06 Now fit the upper sections to their corresponding central sections.

/07



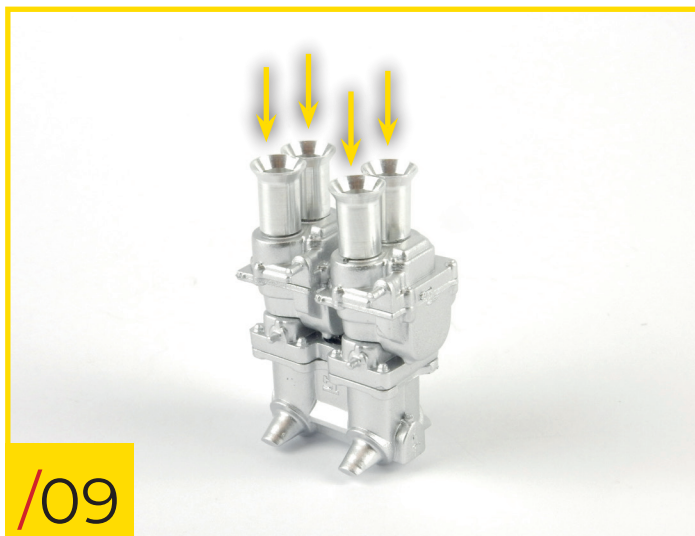
09/07 Here's how the carburetors look with the upper sections fitted.

/08

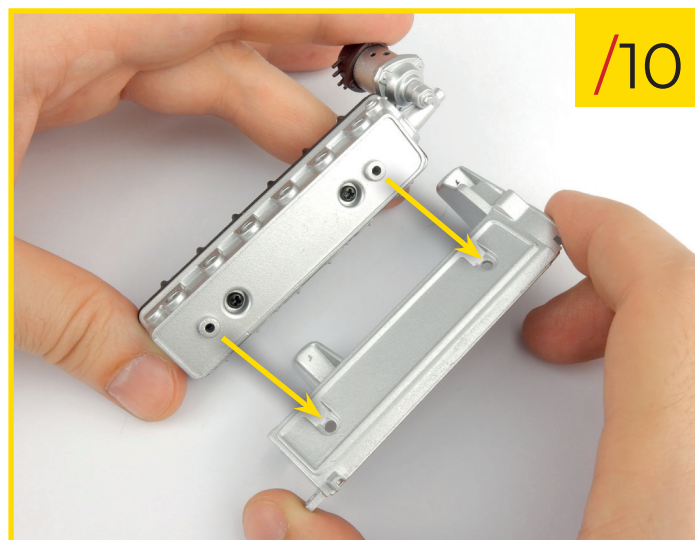


09/08 Look at the photo carefully: the upper part of the carburettor trumpets is shaped to enable them to be fitted easily. The flat parts butt up to each other.

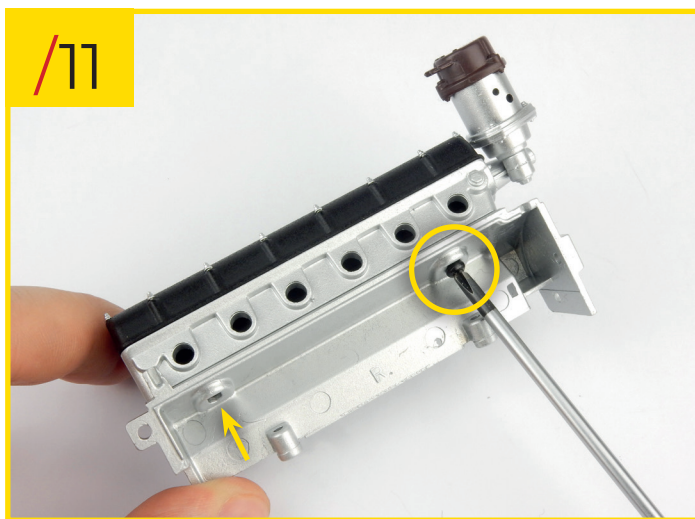
Stage 09: The First Carburetors



09/09 Fit the four carburettor trumpets to the upper sections of the carburetors.

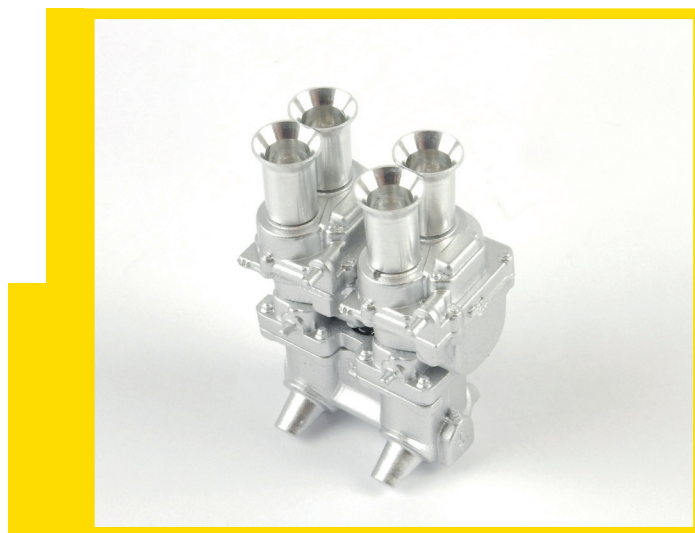


09/10 Add the right cylinder head (stage 08) to the right side of the engine block. Orientate the pieces as shown in the photo.



09/11 Secure the components together using two type C screws.

09/STAGE 09 COMPLETE
Here's how the first pair of carburetors look at the end of this assembly stage. Put it somewhere safe together with the other pieces.



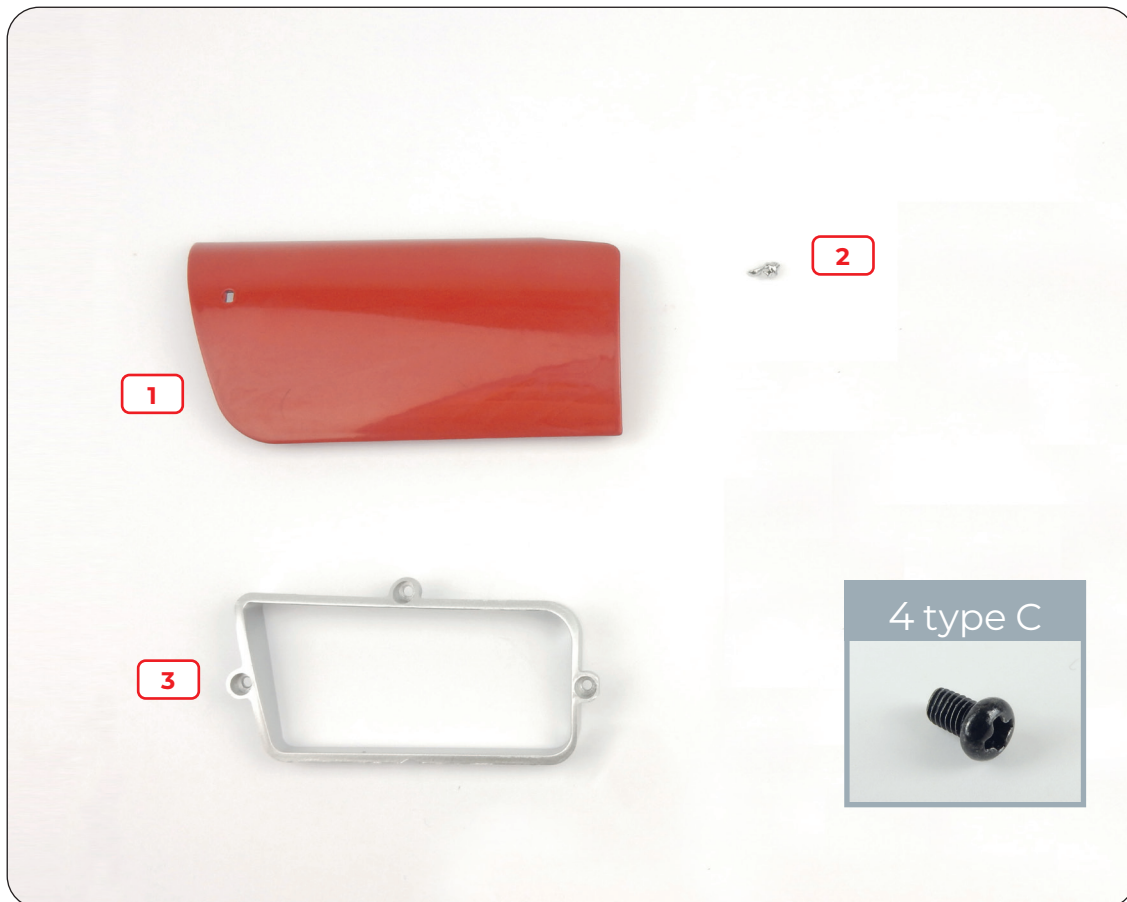
Stage 10: The Right Door (Part 1)

In this stage you'll start assembling the right door.



STAGE 10 PARTS LIST

| Name | Name |
|---------------------------|-----------------|
| 1 Right door | 4 type C screws |
| 2 Handle | |
| 3 Internal door structure | |



Stage 10: The Right Door (Part 1)

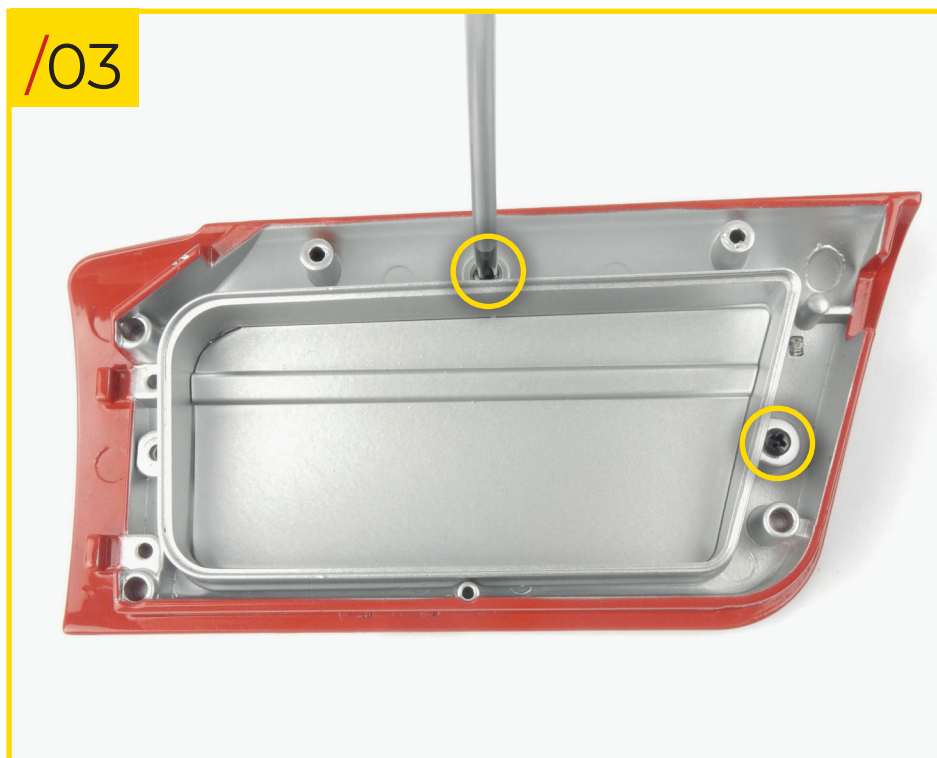


10/01 Insert the handle into the hole on the outside of the door. Orientate the pieces as illustrated in the picture.



10/02 Add the internal structure to the door, aligning the fixing points over the screw posts as shown.

Stage 10: The Right Door (Part 1)



10/03 Secure the components together using three type C screws.



STAGE 10 IS COMPLETE
Here's how the right door looks at the end of this assembly session.

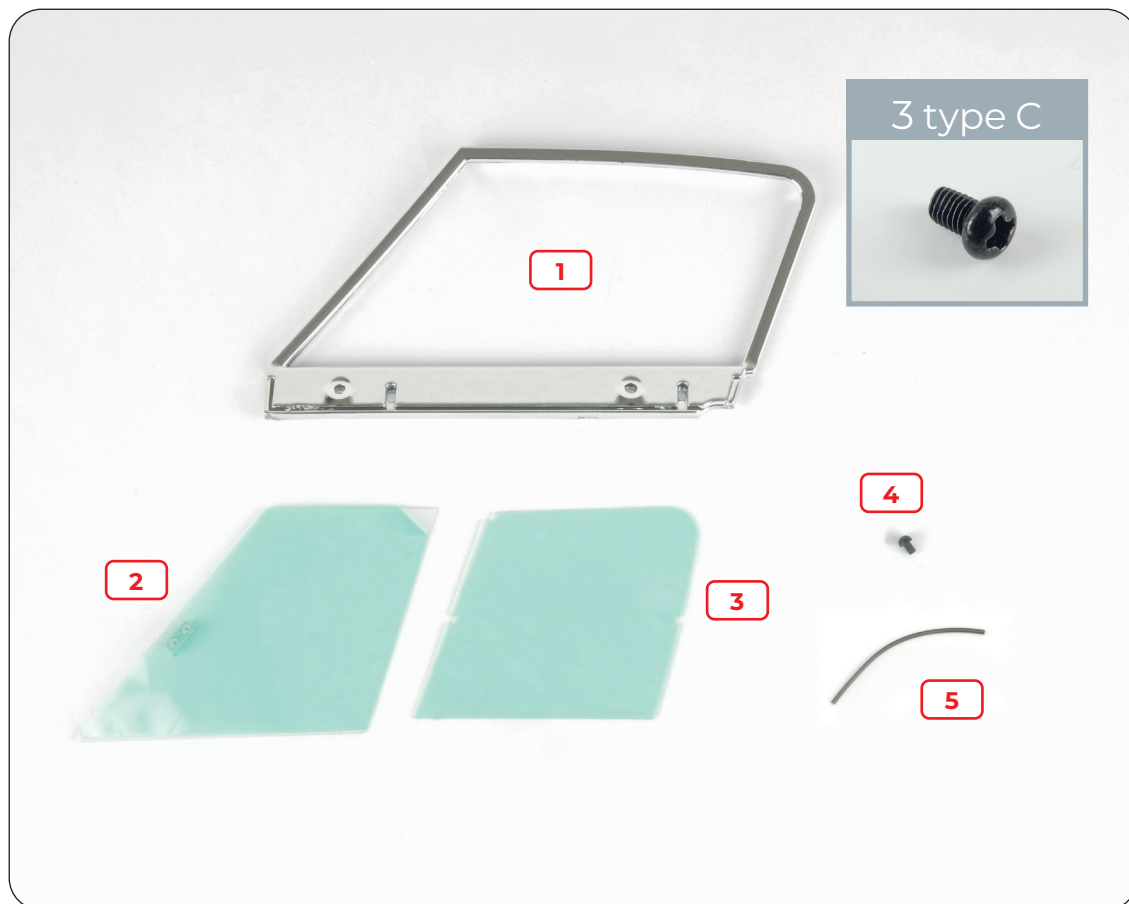
Stage 11: The Right Door (Part 2)

In this stage you'll continue assembling the right door. You'll assemble the window and add it to the rest of the door. The internal panel insert and cable will be used in the next stage.

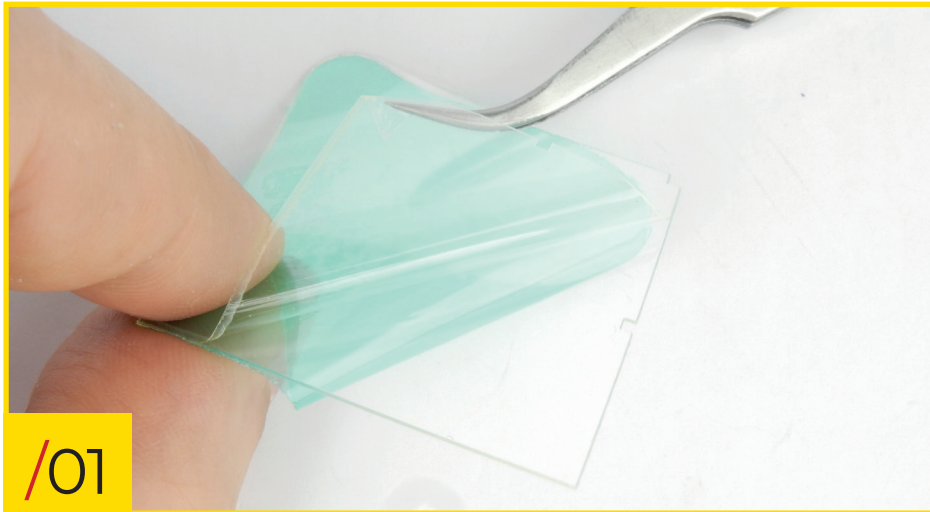


STAGE 11 PARTS LIST

| Name | Name |
|-------------------------|-----------------|
| 1 Window frame | 3 type C screws |
| 2 Outer window pane | |
| 3 Inner window pane | |
| 4 Internal panel insert | |
| 5 Internal panel cable | |

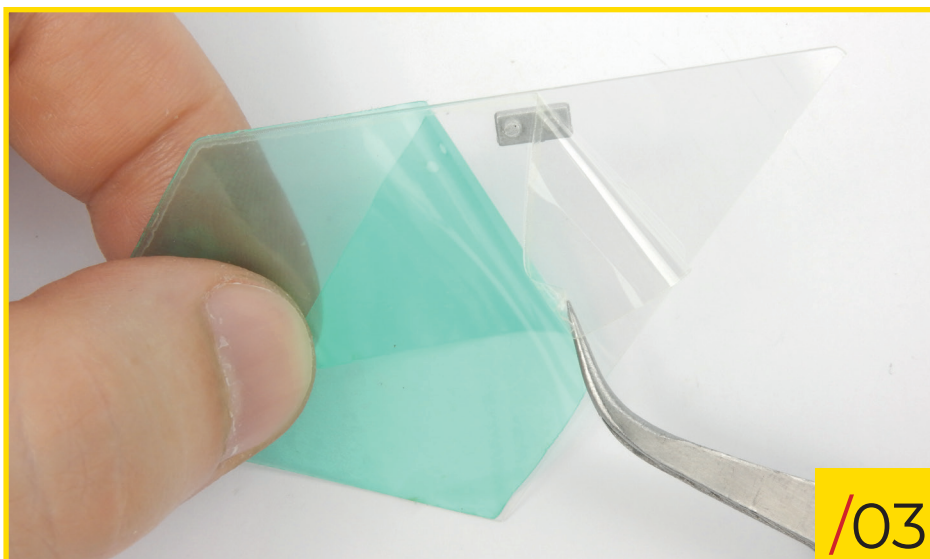
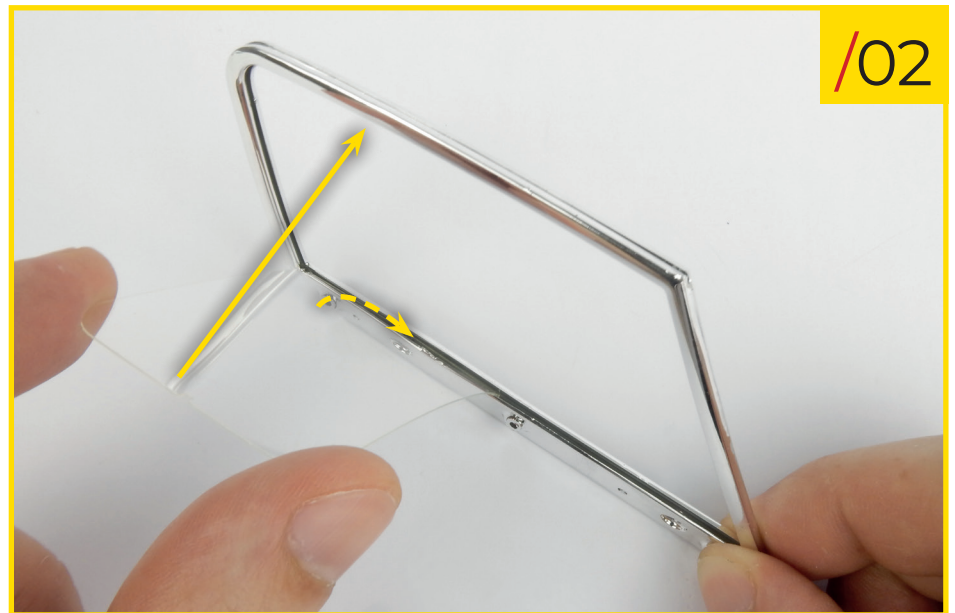


Stage 11: The Right Door (Part 2)



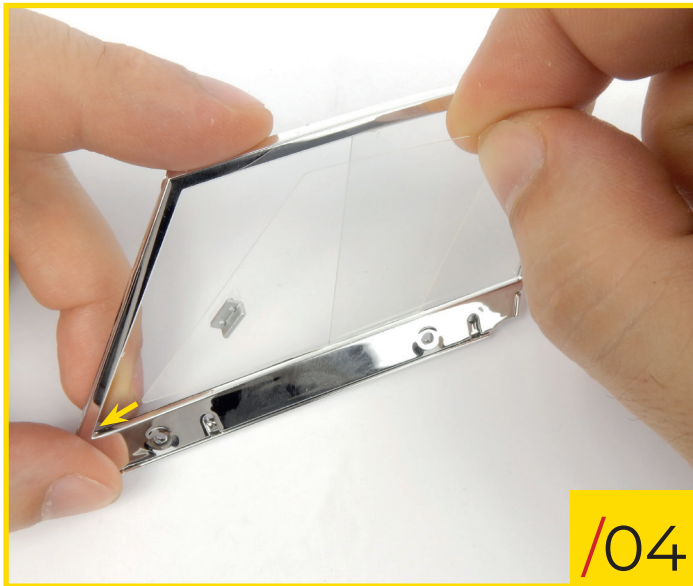
11/01 Using a pair of tweezers, remove the protective film from both sides of the inner window pane.

11/02 Fit the inner window pane to the window frame. Use the photo and the shape of the pieces to orientate them correctly. The window will only fit one way.

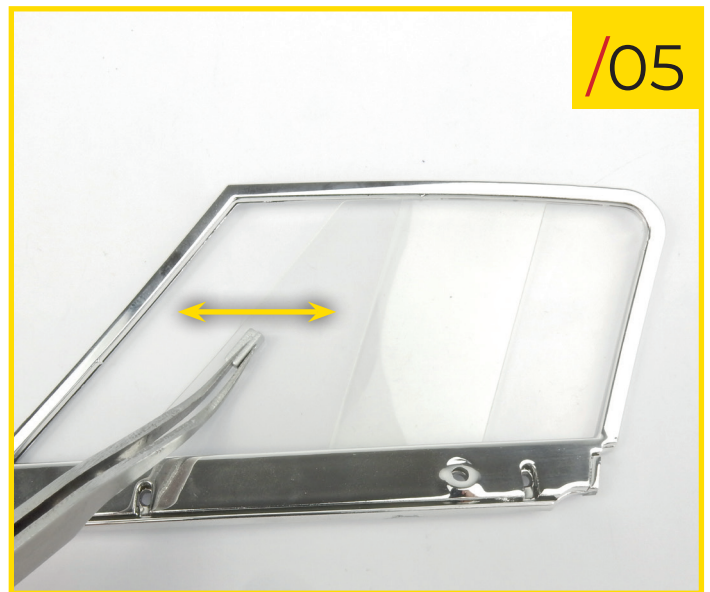


11/03 Now remove the protective film from both sides of the outer window pane. Note: one film is blue and the other is clear – you will need to remove both films.

Stage 11: The Right Door (Part 2)



11/04 Fit the outer window pane to the window frame.

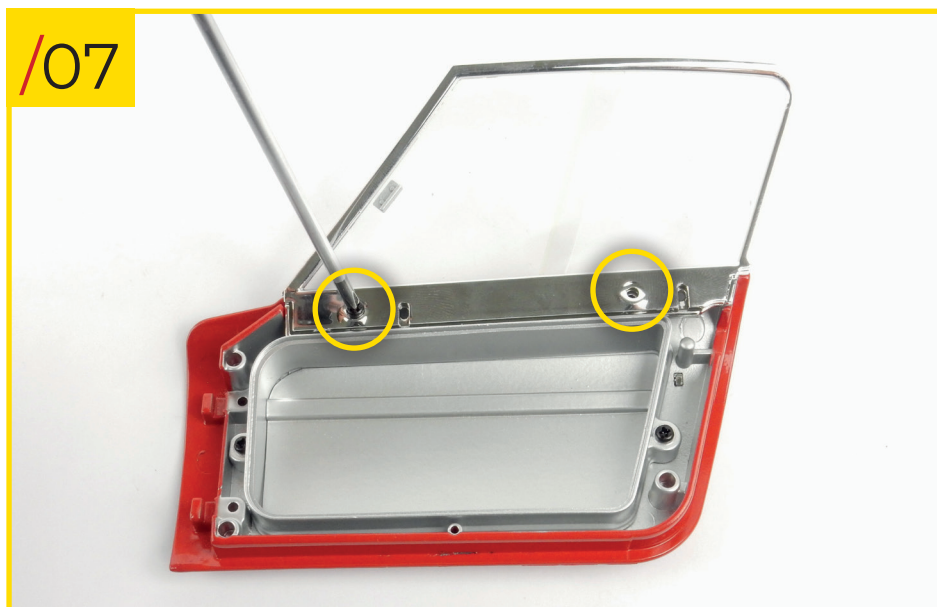


11/05 Check that the outer window pane is able to freely slide, unobstructed, into the frame.

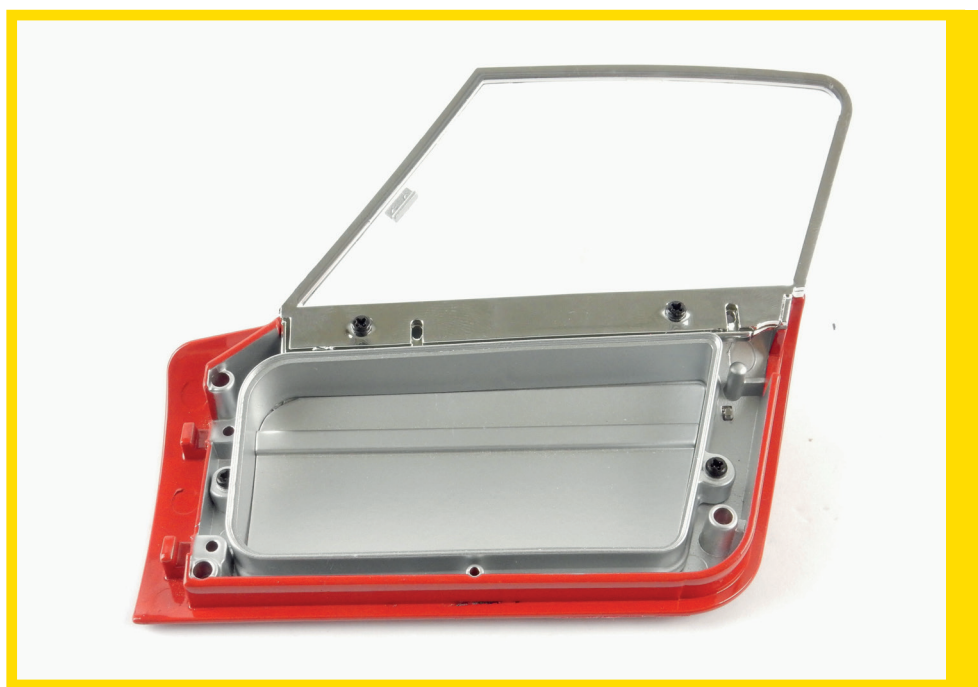


11/06 Retrieve the right door that you assembled in stage 10, and fit the window assembly to it. Orientate the pieces as shown in the photo.

Stage 11: The Right Door (Part 2)



11/07 Screw two type C screws into the holes indicated to secure the pieces together.



STAGE 11 IS COMPLETE
Here's how the right door looks from the inside at the end of this assembly phase.

Stage 12: The Right Door (Part 3)

In this stage you'll finish assembling the right door.

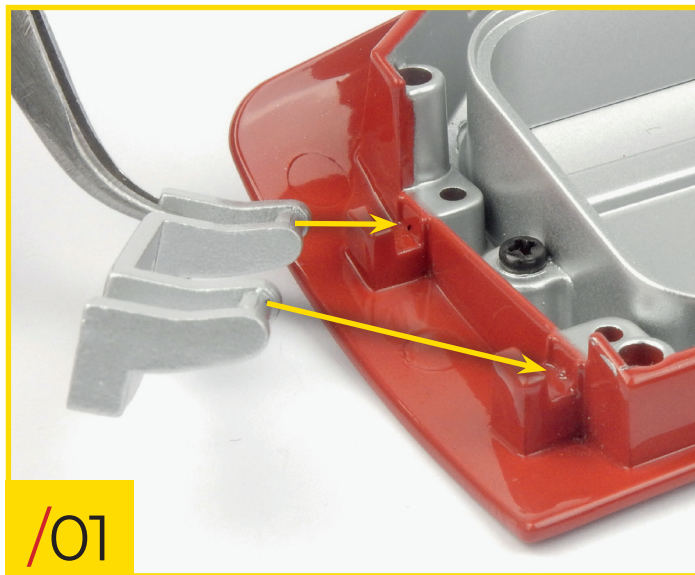


STAGE 12 PARTS LIST

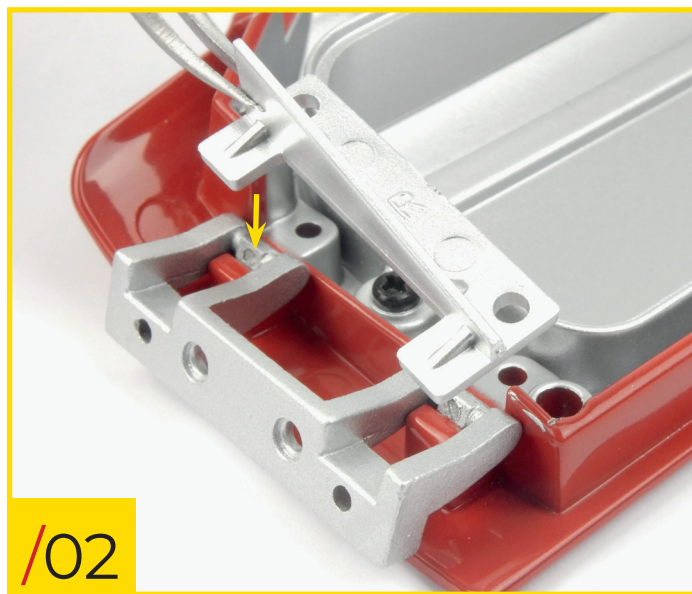
| Name | Name |
|------------------|-----------------|
| 1 Internal panel | 3 type C screws |
| 2 Mounting plate | |
| 3 Hinge | |



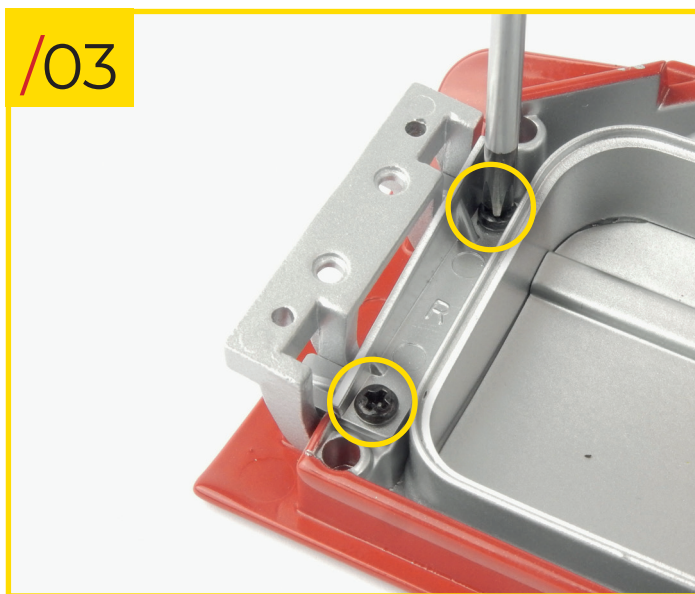
Stage 12: The Right Door (Part 3)



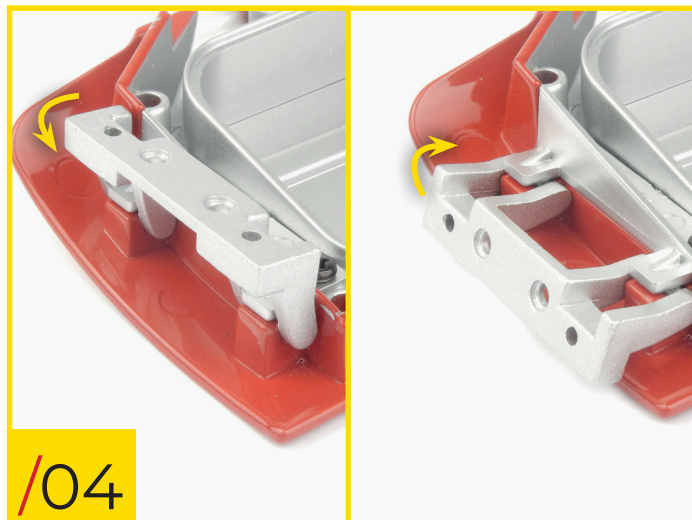
12/01 Take the right door that you assembled in the previous stage and fit the hinge to it. Orientate the pieces as shown in the photo and make sure the hinge locates fully in the two slots.



12/02 Fit the mounting plate to the top of the hinge.



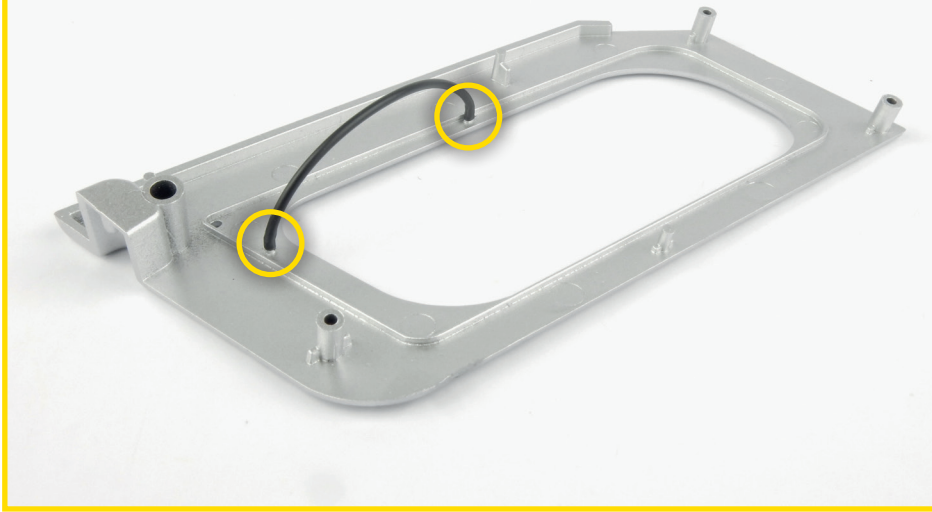
12/03 Screw two type C screws into the holes indicated to secure the mounting plate to the door.



12/04 Check that the hinge is able to move freely.

Stage 12: The Right Door (Part 3)

/05



12/05 Retrieve the cable that came in stage 11 and fit it to the inner side of the panel.
Tip: use a cocktail stick to widen the rubber hole if it's difficult to fit.

/06



12/06 Place the panel insert (stage 11) into the hole on the outer side of the panel, see photo.

Stage 12: The Right Door (Part 3)



12/07 Fit the panel to the inner side of the right door. There's only one way that the pieces can be secured together.



STAGE 12 IS COMPLETE
Here's how the right door looks from the inside at the end of this assembly phase.

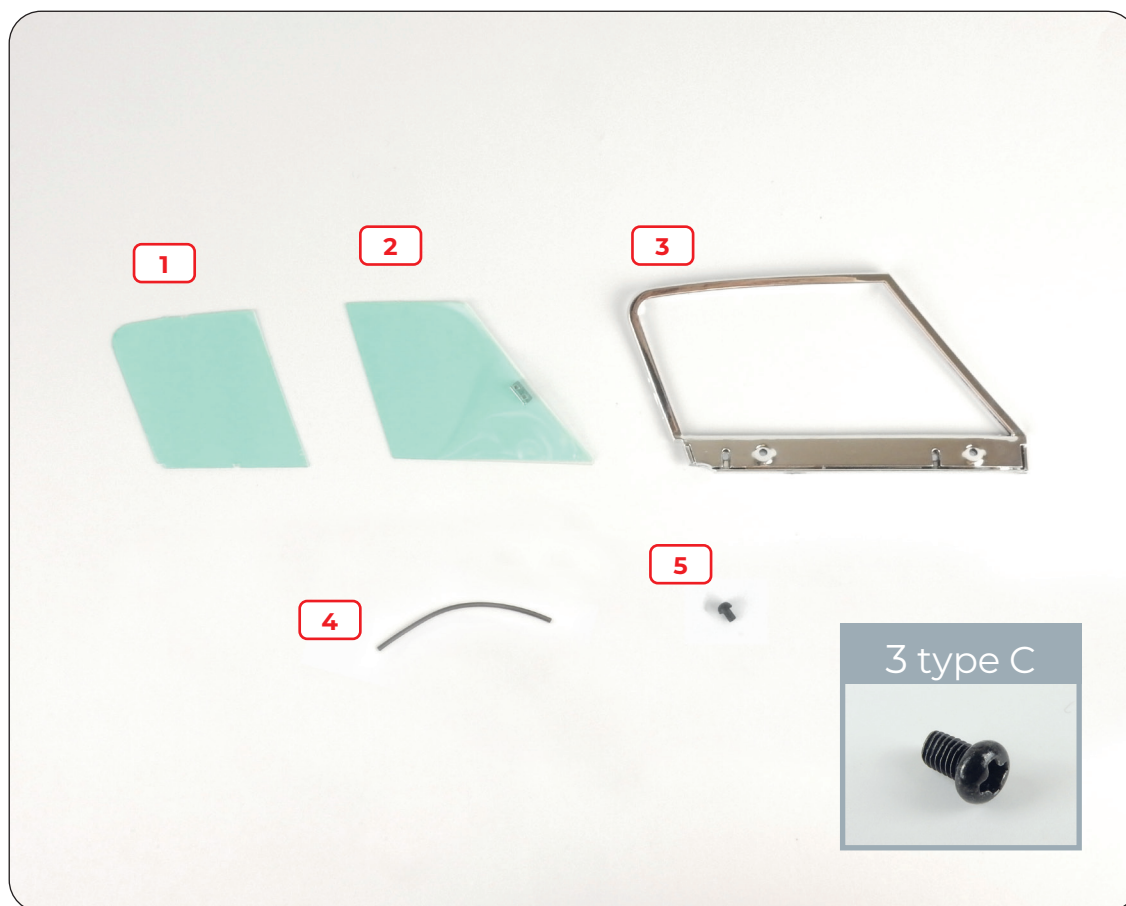
Stage 13: The Left Door (Part 2)

In this stage you'll return to working on the left door, that you started assembling in stage 02. You'll assemble the window and add it to the rest of the door; the panel insert and internal panel cable will be used in stage 14.

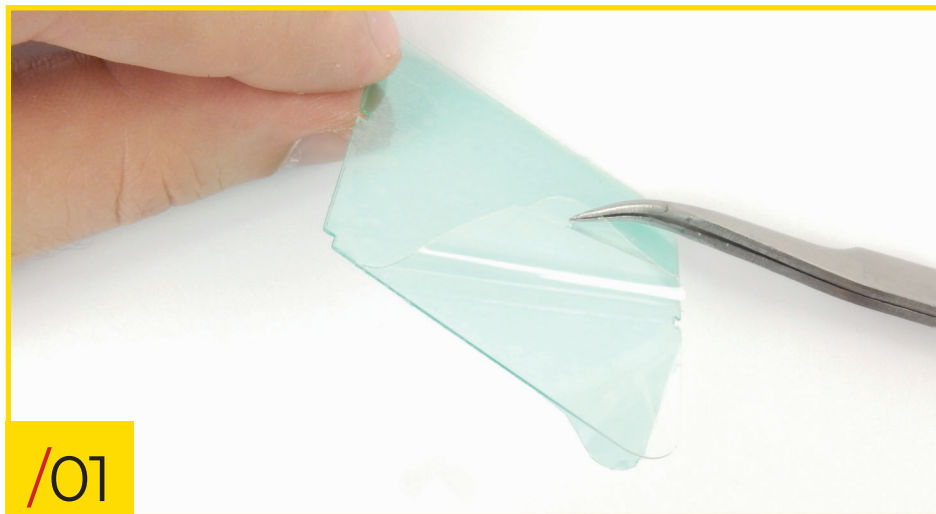


STAGE 13 PARTS LIST

| Name | Name |
|-------------------------|-----------------|
| 1 Inner window pane | 3 type C screws |
| 2 Outer window pane | |
| 3 Window frame | |
| 4 Internal panel cable | |
| 5 Internal panel insert | |

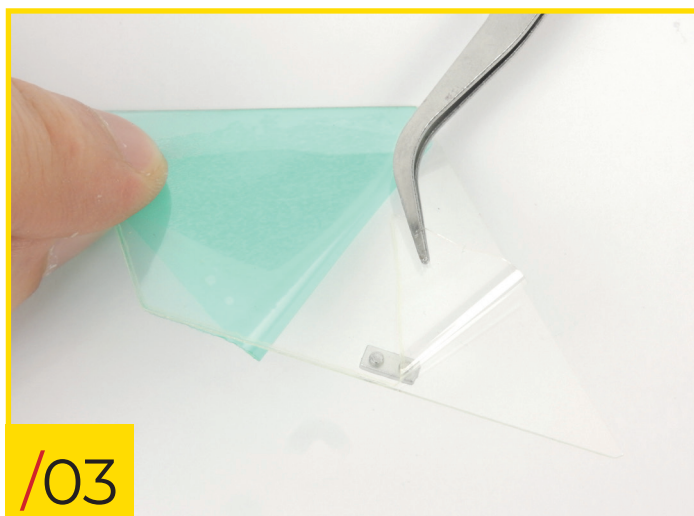


Stage 13: The Left Door (Part 2)



13/01 Using a pair of tweezers, remove the protective film from both sides of the inner window pane.

13/02 Fit the inner window pane to the window frame. Use the photo and the shape of the pieces to orientate them correctly.



13/03 Now remove the protective film from both sides of the outer window pane.

Stage 13: The Left Door (Part 2)



13/04 Fit the outer window pane to the window frame.

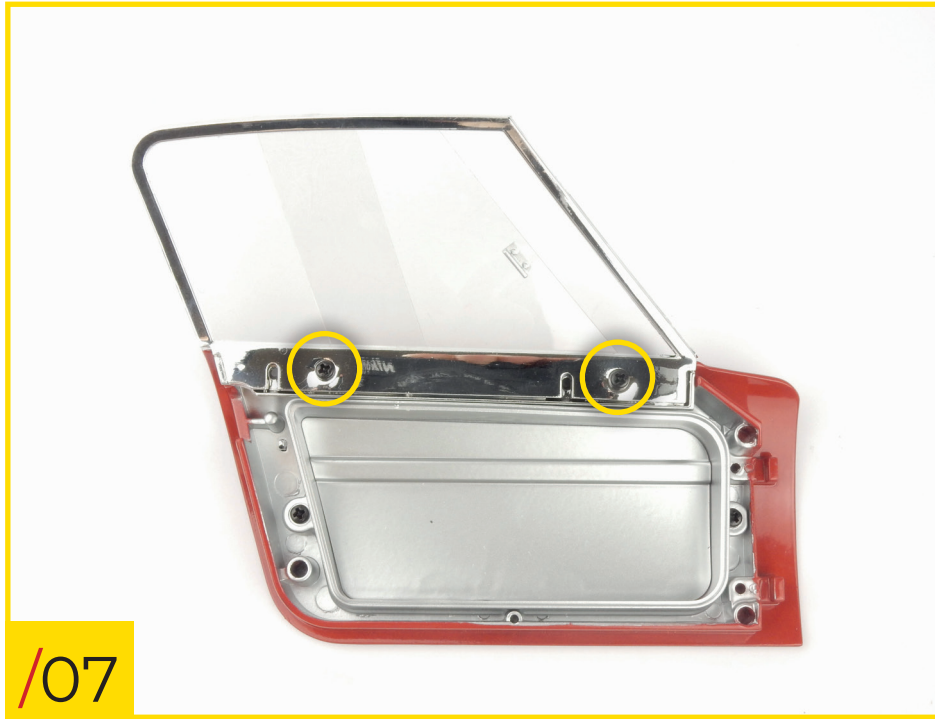


13/05 Check that the outer window pane is able to slide freely in the frame.



13/06 Retrieve the left door that you started working on in stage 02, and fit the window assembly to it. Orientate the pieces as shown in the photo.

Stage 13: The Left Door (Part 2)



13/07 Secure the window frame to the rest of the door by screwing two type C screws into the holes shown in the photo.



STAGE 13 IS COMPLETE
Here's how the left door looks from the inside at the end of this assembly phase.

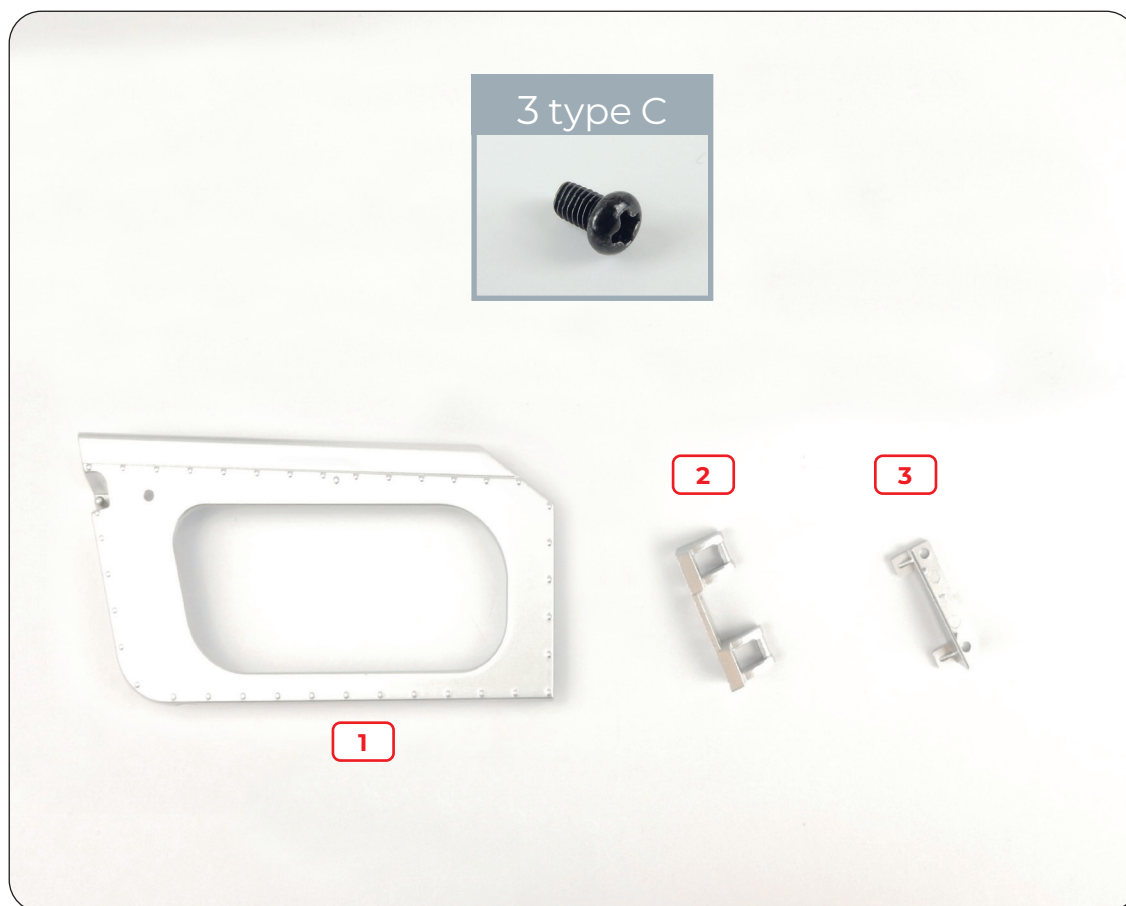
Stage 14: The Left Door (Part 3)

In this stage you'll finish assembling the left door. At the end of this assembly phase, put it in a safe place together with the other pieces.

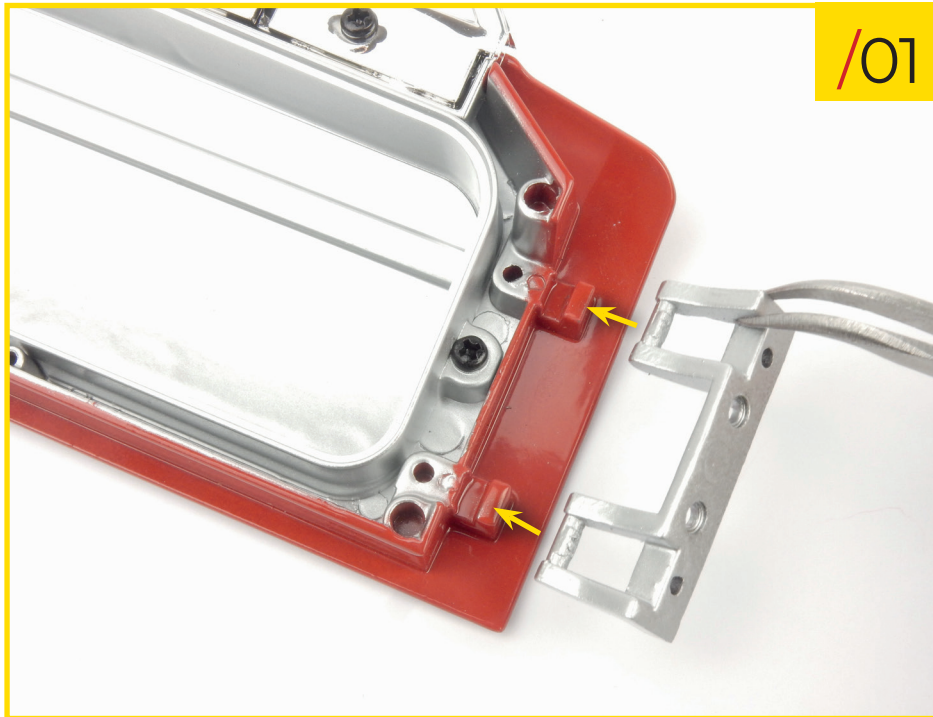


STAGE 14 PARTS LIST

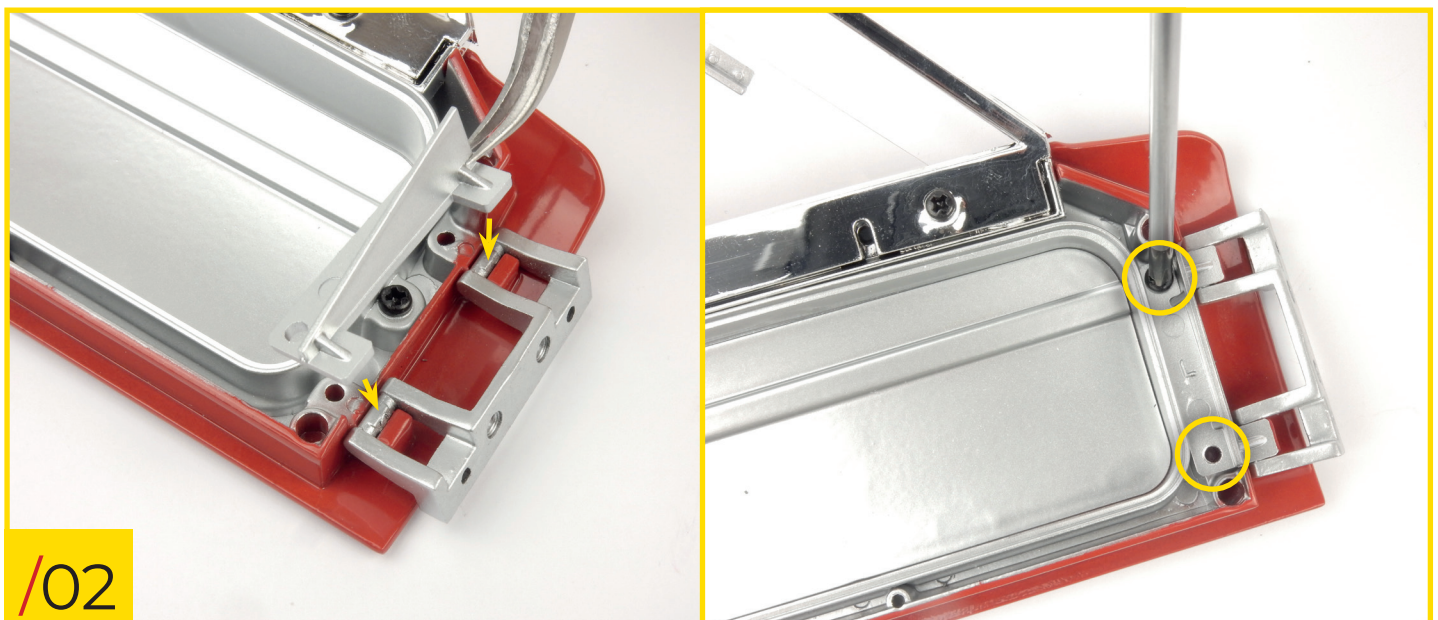
| Name | Name |
|------------------|-----------------|
| 1 Internal panel | 3 type C screws |
| 2 Hinge | |
| 3 Mounting plate | |



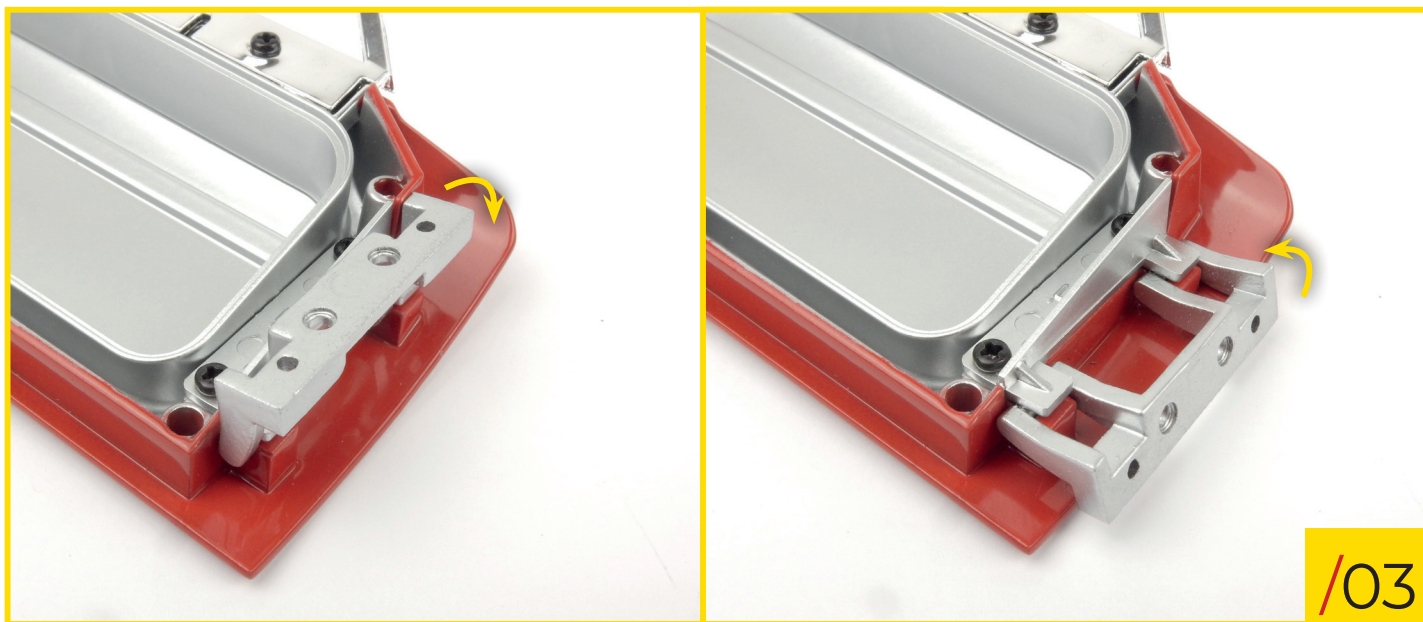
Stage 14: The Left Door (Part 3)



14/02 Now position the mounting plate as shown and carefully secure it to the door, using two type C screws.

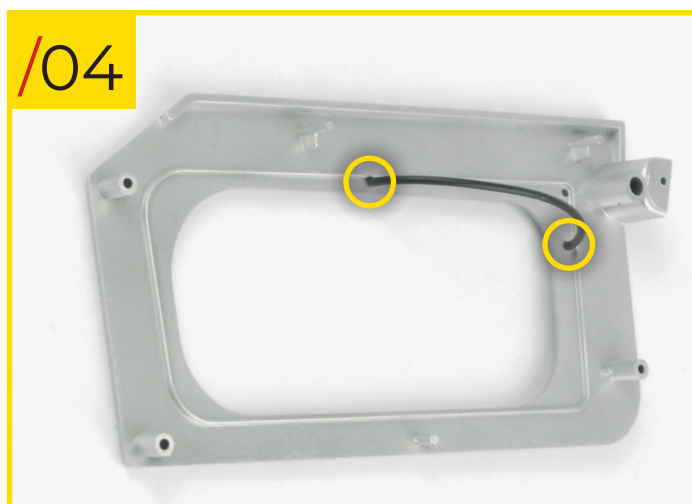


Stage 14: The Left Door (Part 3)



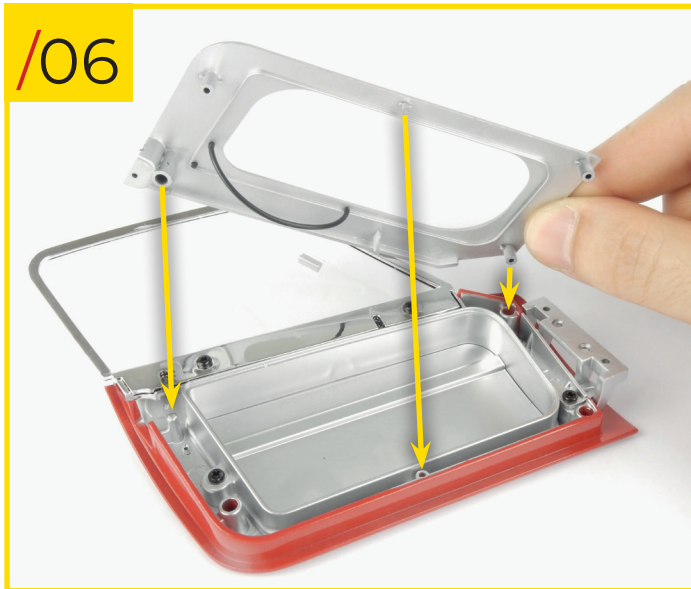
14/03 Check that the hinge is able to move freely.

14/04 Retrieve the cable that you received with stage 13 and fit it to the inner side of the panel, as shown in the photo.



14/05 Retrieve the panel insert that you received with stage 13 and place it in the hole on the outer side of the panel.

Stage 14: The Left Door (Part 3)



14/06 Fit the panel to the inner side of the left door. There's only one way that the pieces can be secured together. Use the photo and the shape of the pieces to fit them together correctly.



STAGE 14 IS COMPLETE
Here's how the left door looks from the inside at the end of this assembly phase.