



Lamborghini MIURA



Pack 07

BUILD INSTRUCTIONS

**STAGE 51: FIXING THE RIGHT DOOR
WINDOW GLASS**

**STAGE 52: ATTACHING THE RIGHT
DOOR PANEL**

**STAGE 53: FITTING THE RIGHT
DOOR CLADDING**

**STAGE 54: WORKING ON THE INTERIOR ROOF
PANEL AND REAR WINDOW**

**STAGE 55: FITTING THE REAR WINDOW
SUPPORT TO THE CROSS FRAME AND INTO
THE CENTRAL BODY**

**STAGE 56: ASSEMBLING THE BATTERY AND
FITTING IT TO THE FRONT FRAME COVER**

STAGE 57: FIXING THE FRONT FRAME COVER

**STAGE 58: INSTALLING THE STEERING RACK,
DAMPER AND ARMS**

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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 Lamborghini, 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 51: Fixing the Right Door Window Glass

For the first stage of Pack 7 you'll attach the right door glass frame and fix the glass in place. The light button for the right door is installed ready for the switch in the next stage.

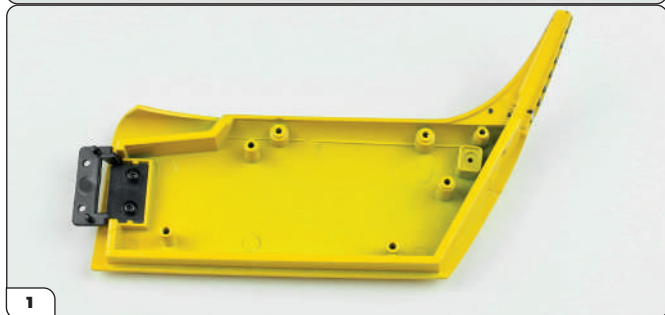


STAGE 51 PARTS LIST

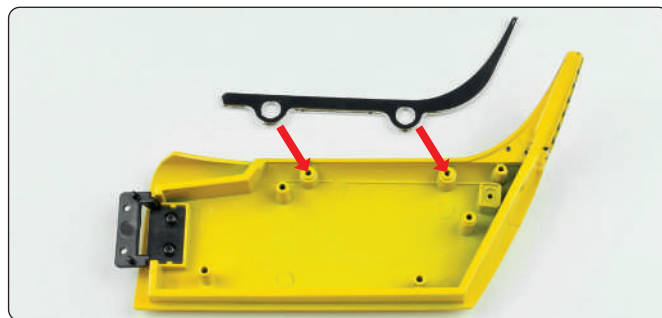
Name
Light switch button
Right door glass
Type A screws x4
Chromed glass frame



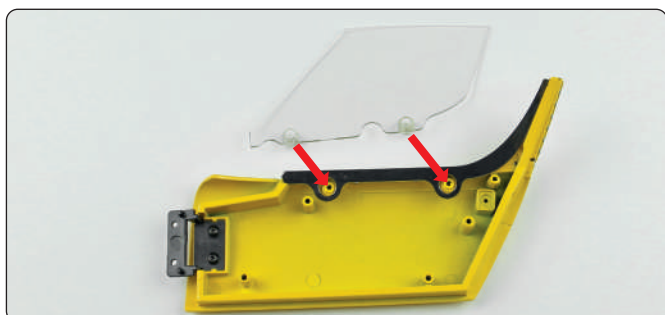
Stage 51: Fixing the Right Door Window Glass



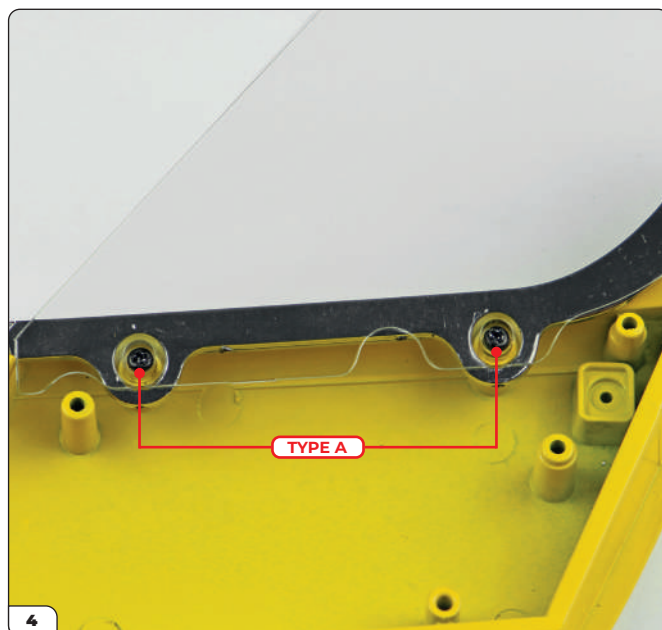
1
Retrieve the right door assembled in Stage 50. Lay it on your work surface with the inside facing up as shown in the bottom image.



2
Take the chromed glass frame and align it with the right door as shown in the top image (arrows). Place the frame onto the door so that the holes are aligned with the screw pillars.

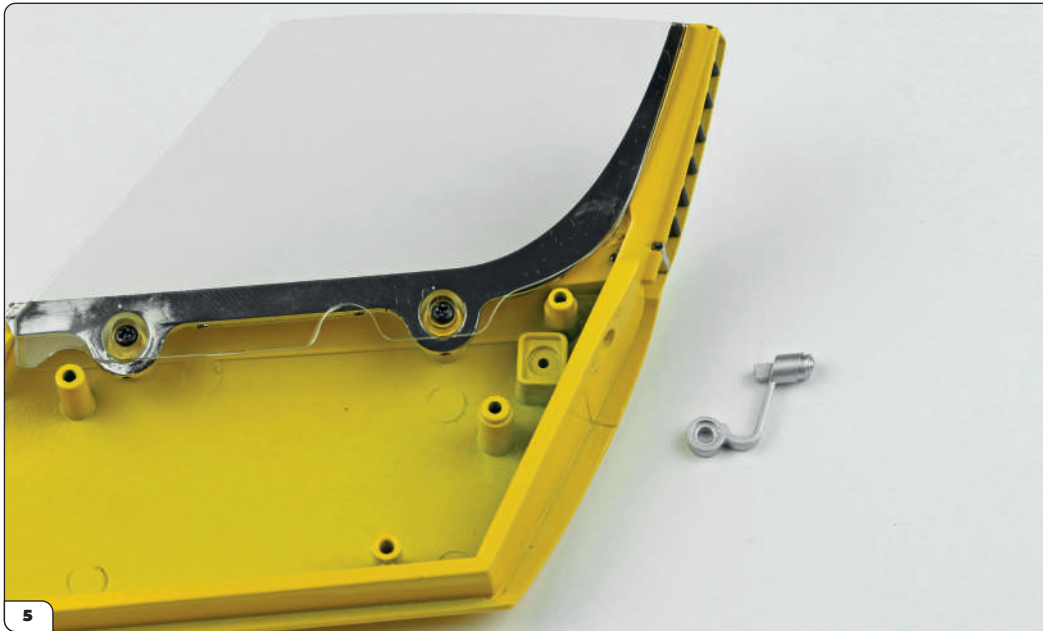


3
Next take the right door glass and align it with the assembly as shown in the top image, then press the lugs of the door glass through the holes in the chromed glass frame (arrows).

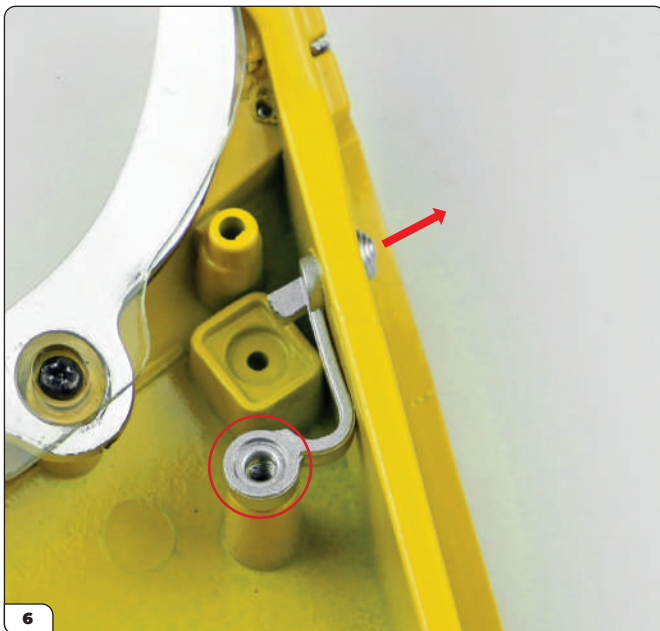


4
Once in place, secure the door glass and the frame to the door using 2x Type A screws.

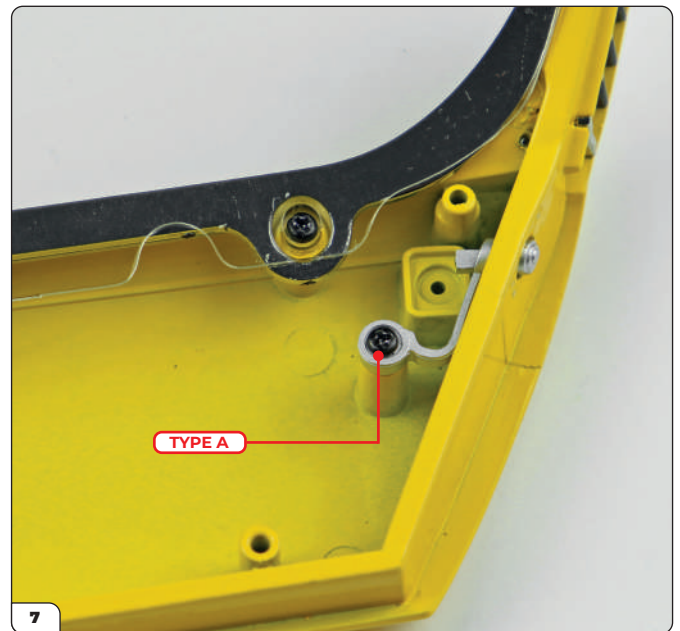
Stage 51: Fixing the Right Door Window Glass



Now take the light switch button and align it with the door as shown.



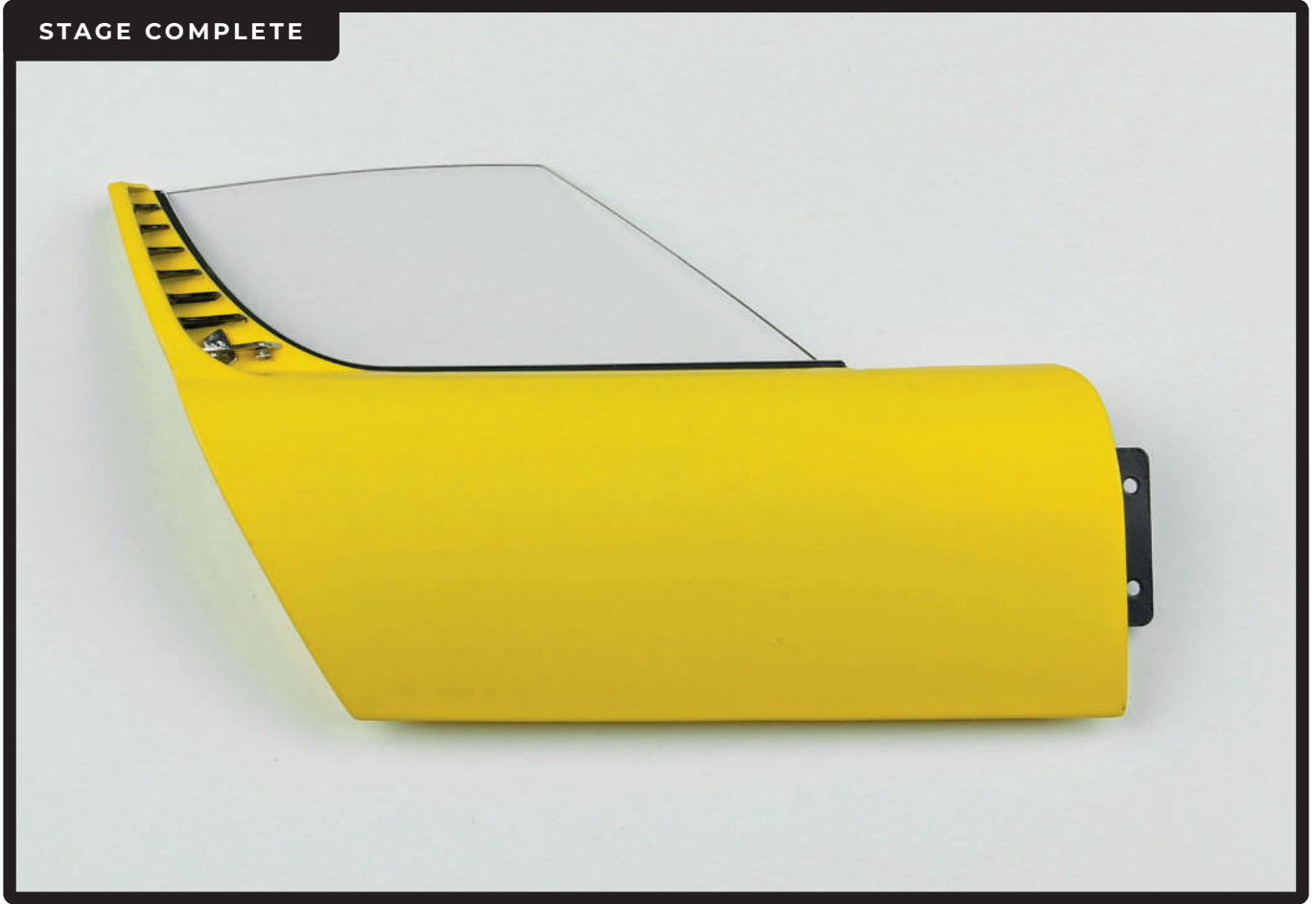
Fit the cylindrical end of the light switch button through the hole in the side of the door (arrow) and fit the perforated end of the button over the raised screw hole inside the door (circled).



Fix the switch in place using a Type A screw.

Stage 51: Fixing the Right Door Window Glass

STAGE COMPLETE



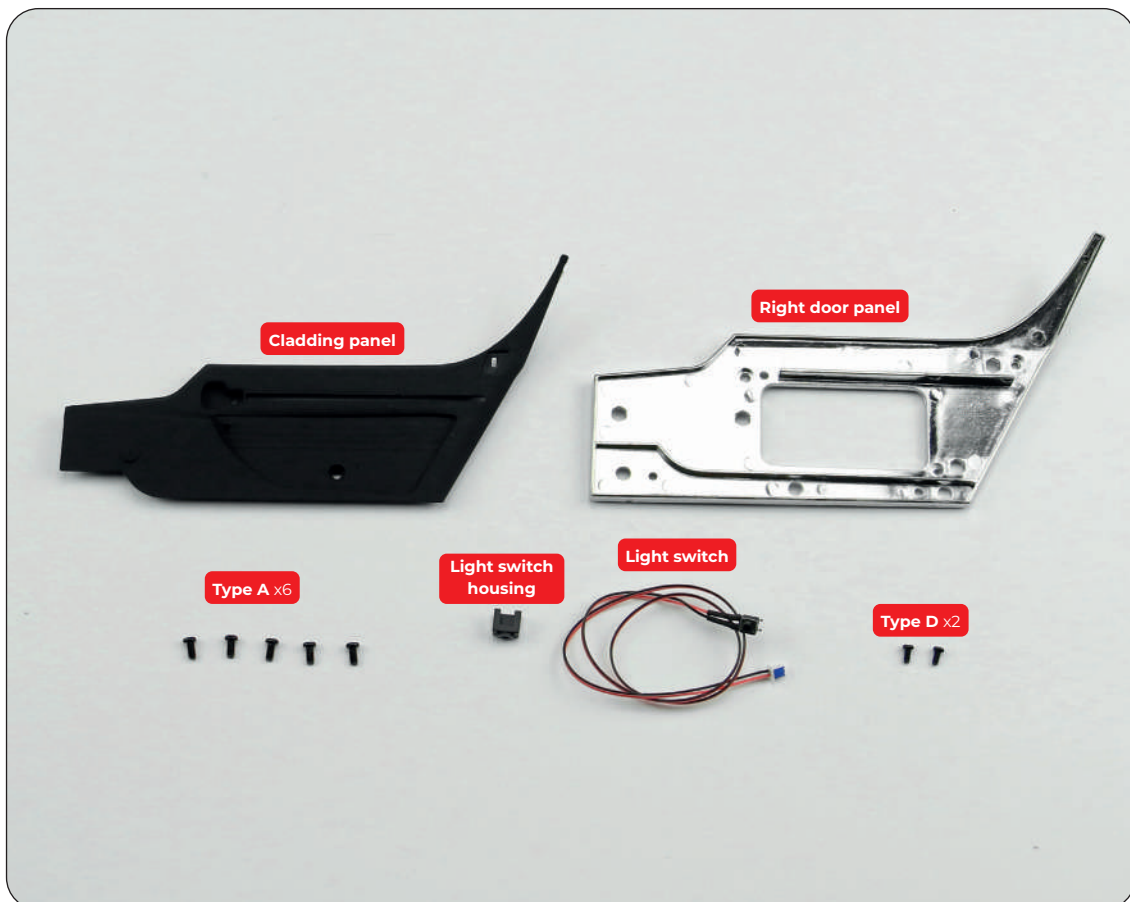
Stage 52: Attaching the Right Door Panel

In this stage the light switch is installed then the right door panel is fitted. The cladding panel can be put aside for now, it will be attached in the next stage.

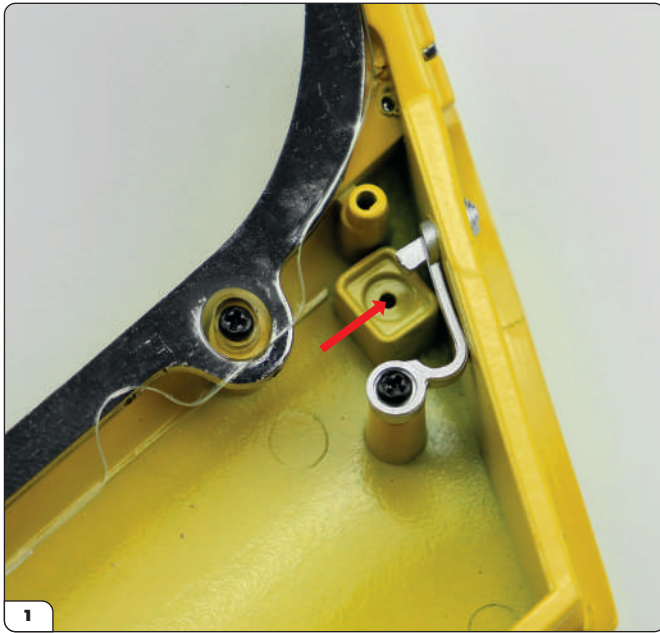


STAGE 52 PARTS LIST

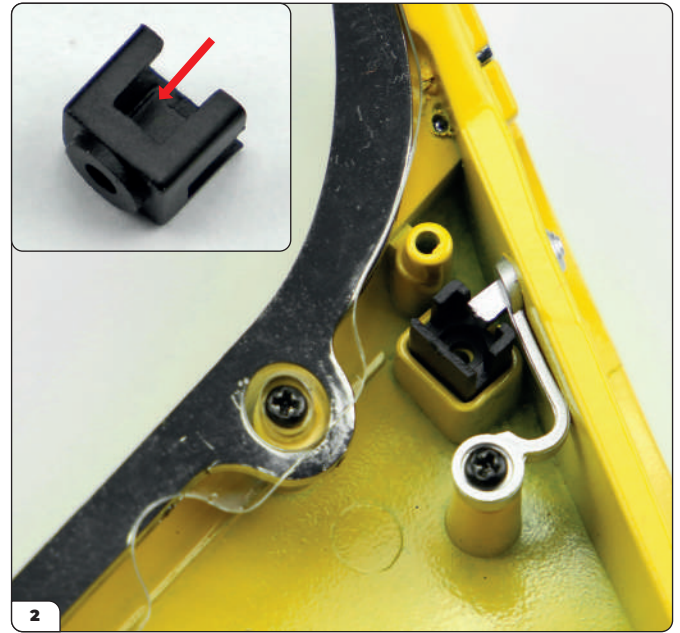
Name
Cladding panel
Right door panel
Type A screws x6
Light switch housing
Light switch
Type D screws x2



Stage 52: Attaching the Right Door Panel



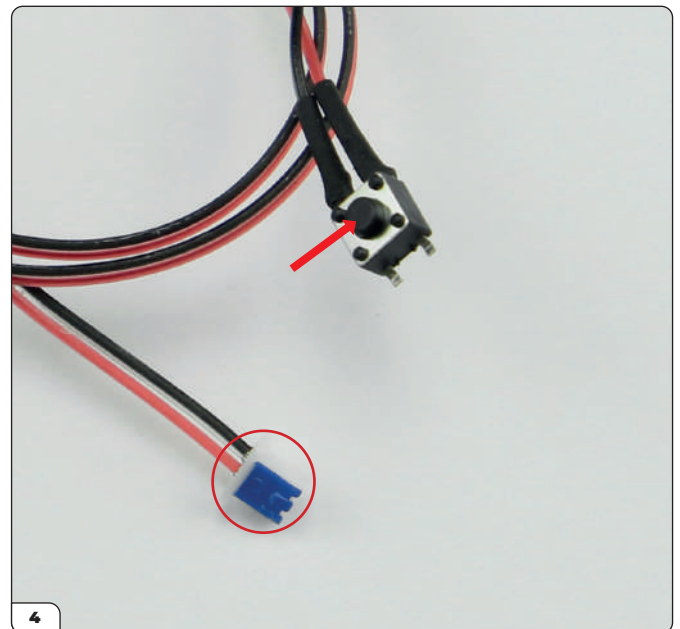
Take the right door assembly from the previous stage and lay it on your work surface. Note the space for seating the housing indicated by the arrow.



The light switch housing has an opening on the side to accommodate the light switch button (inset, arrow). Fit the housing into its seat so that the switch fits through this opening as shown.

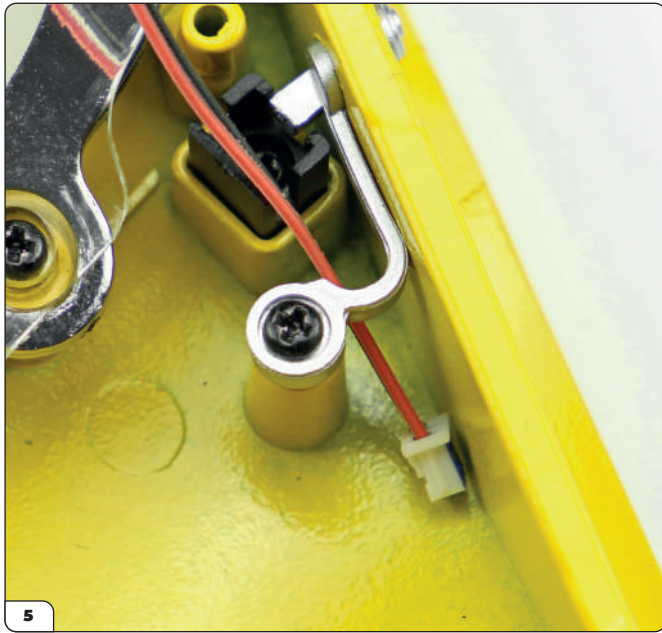


Secure the housing in place using a Type D screw.

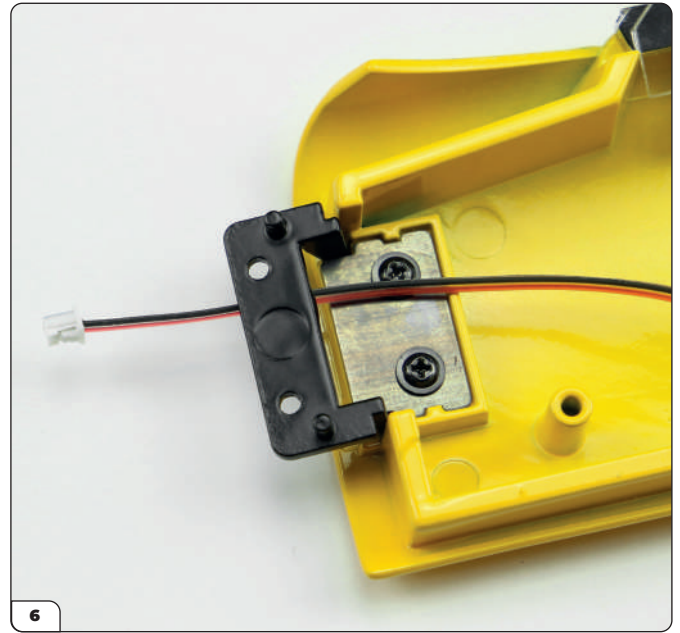


The light switch has a button on one end (arrow) and a white connector with a blue marking at the other end (circled).

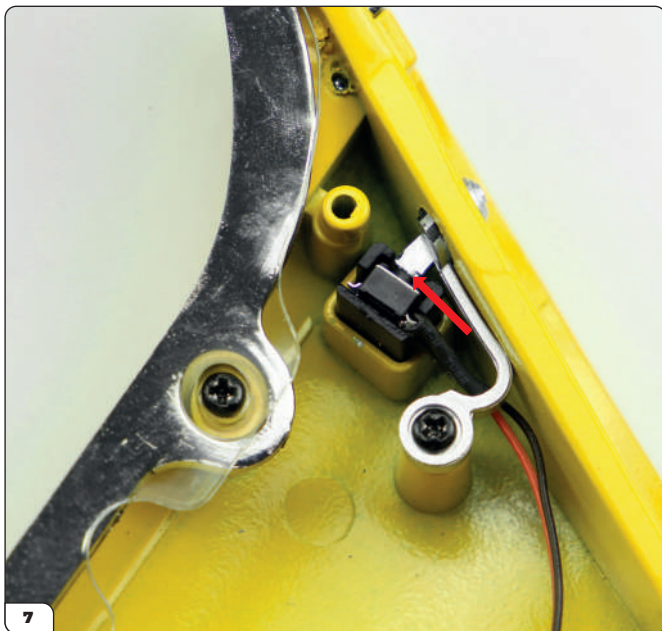
Stage 52: Attaching the Right Door Panel



Pass the connector underneath the bar of the silver switch.

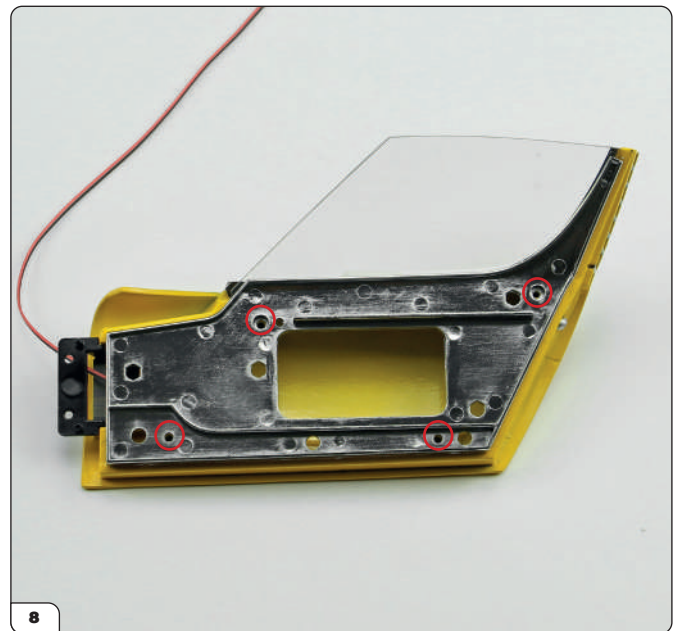


Then thread the connector through the door hinge.



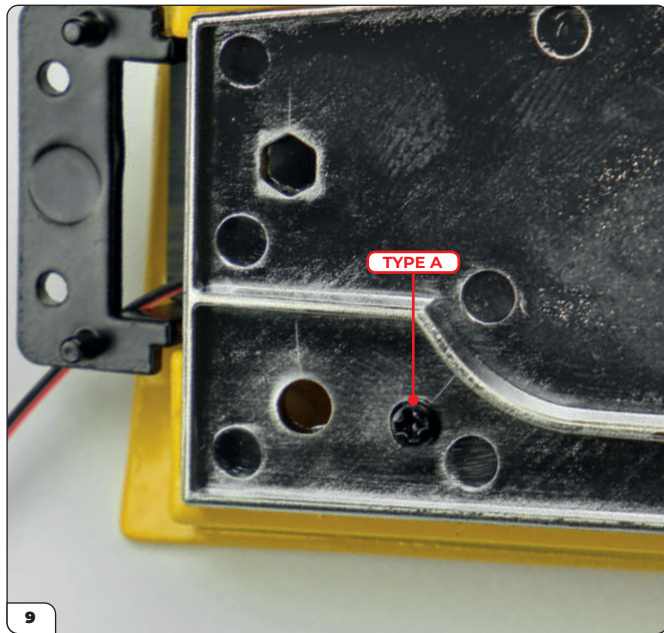
Fit the button end of the light switch into its housing so that the button makes contact with the silver bar (arrow).

Test the button clicks when the silver door switch is pressed. The screw holding the housing may need tightening if it is too loose.

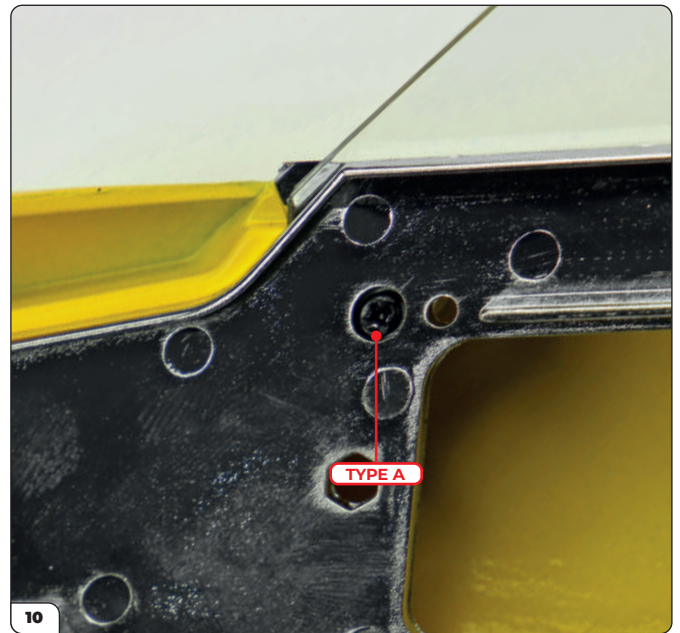


Fit the right door panel in place as shown. Note the location of the four screw holes for fixing it to the door (circled).

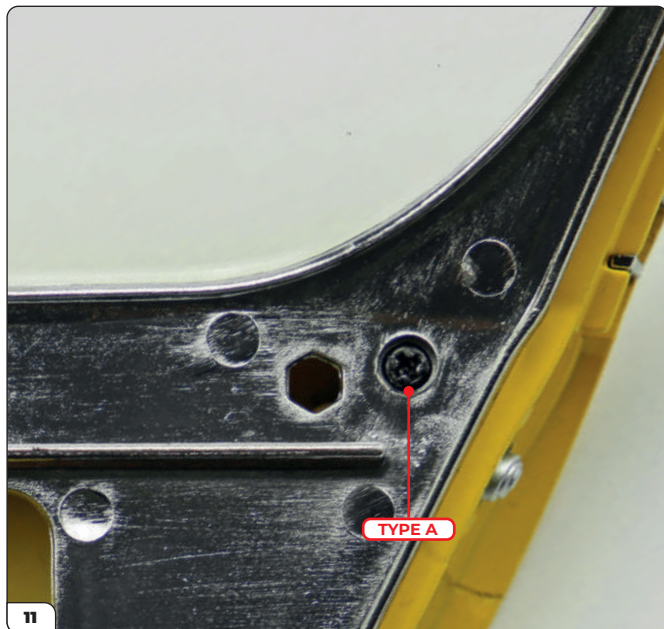
Stage 52: Attaching the Right Door Panel



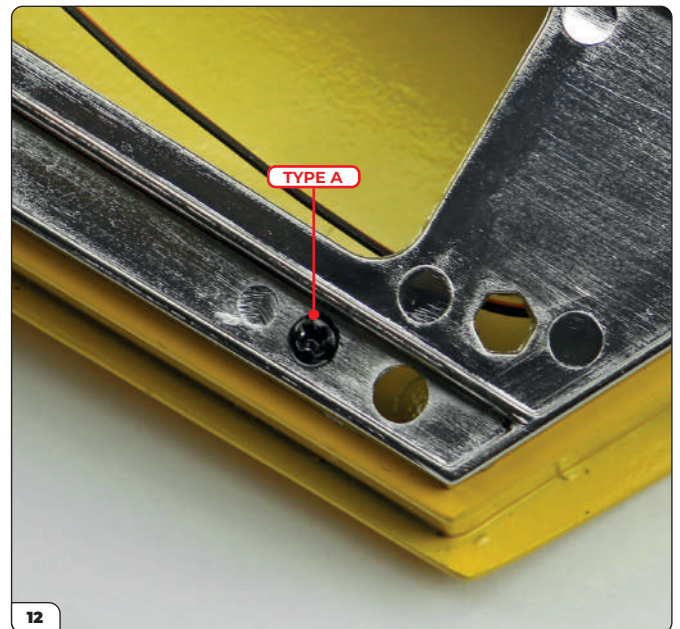
Use 4x Type A screws to fit the panel to the door at the locations indicated in the previous step. We recommend starting with the screw at the bottom-left of the panel shown in the image above.



Then drive another Type A screw into the top-left hole of the panel.

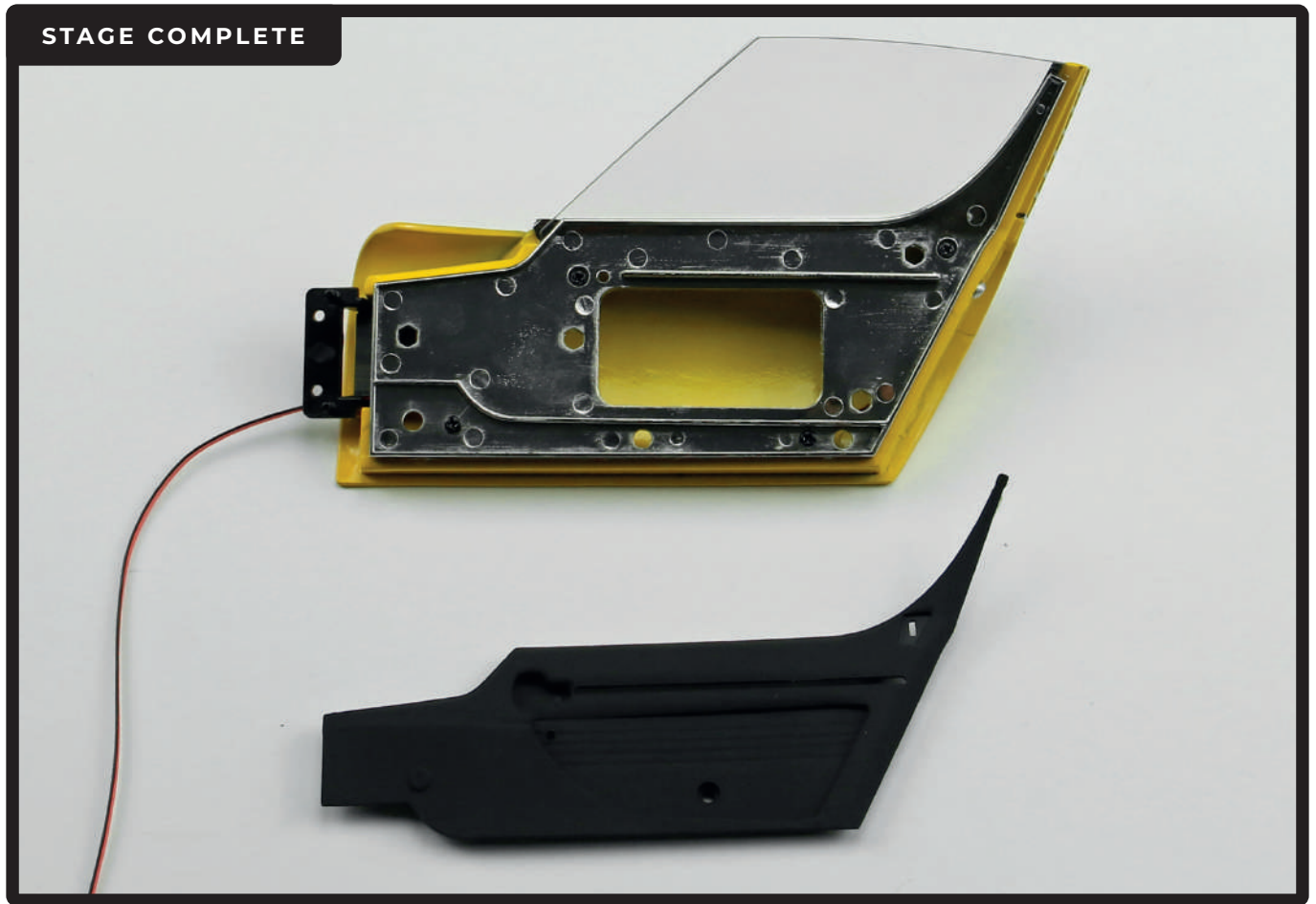


Use a Type A screw to make sure the top-right section is securely fixed as this holds the thin section of the window and frame together.



Finally, fix the last point with another Type A screw.

Stage 52: Attaching the Right Door Panel



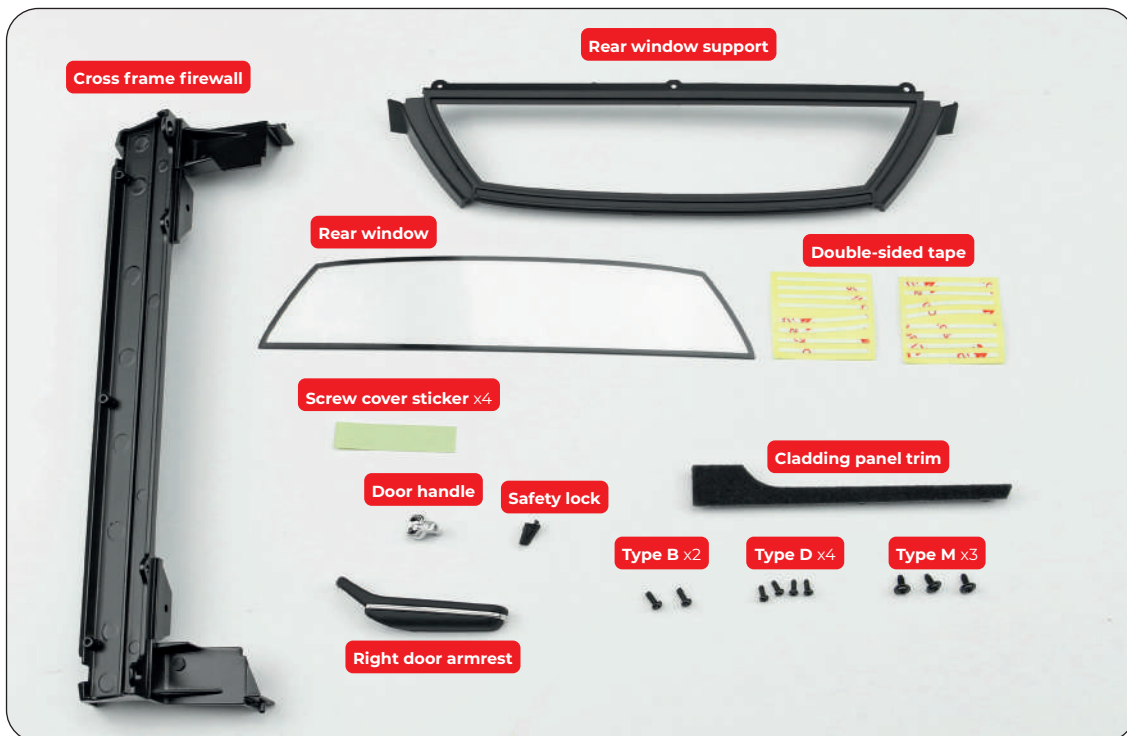
Stage 53: Fitting the Right Door Cladding

You'll use the safety lock, door handle, cladding panel trim, armrest and a Type B screw supplied this stage, along with the cladding panel from the last stage, to fit the final components to the right door. The other parts supplied with this stage can be set aside until they are needed later.

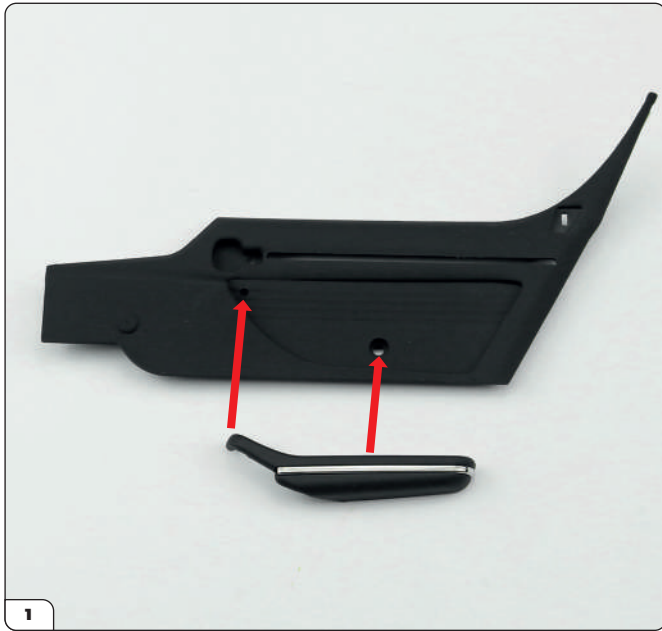


STAGE 53 PARTS LIST

Name
Cross frame firewall
Rear window support
Rear window
Double-sided tape
Screw cover sticker x4
Door handle
Safety lock
Cladding panel trim
Right door armrest
Type B screws x2
Type D screws x4
Type M screws x3



Stage 53: Fitting the Right Door Cladding



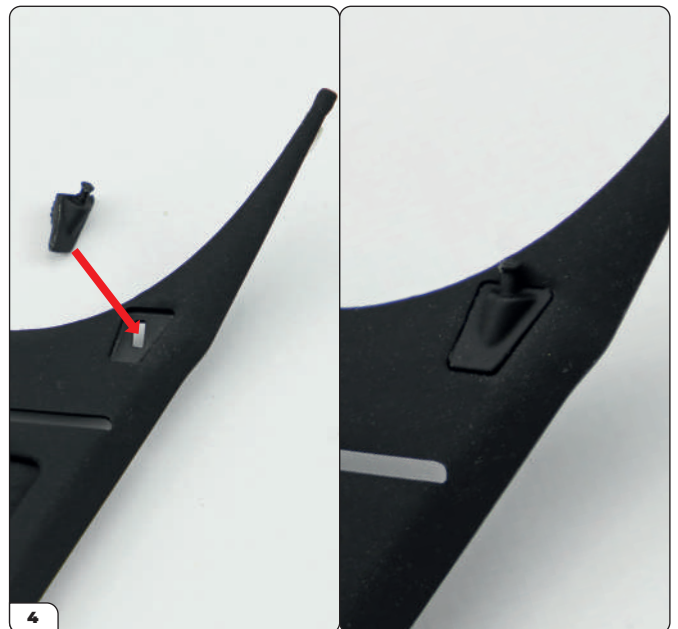
Take the cladding panel supplied in Stage 52 and align the right door armrest with it as shown. The armrest fits into the small and large holes in the panel (arrows).



Push the armrest in place.



Turn the panel over and secure the armrest using a Type B screw.



Turn the panel back over, then press the safety lock into the recessed area with a rectangular hole (arrow). You may wish to use a small drop of super glue to hold it in place.

Stage 53: Fitting the Right Door Cladding



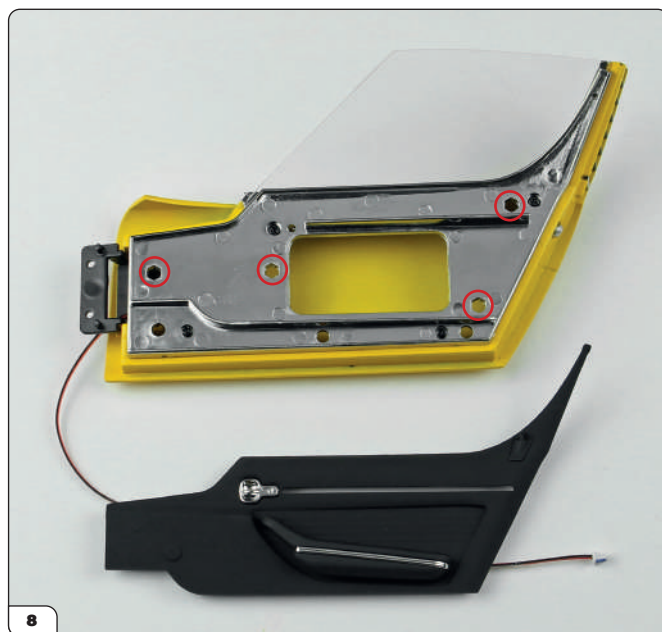
Next take the door handle and align it with the panel as shown. There is a shaped recess with a small hole (arrow) for fitting the handle.



Push the pin of the handle through the hole and fit it in place.

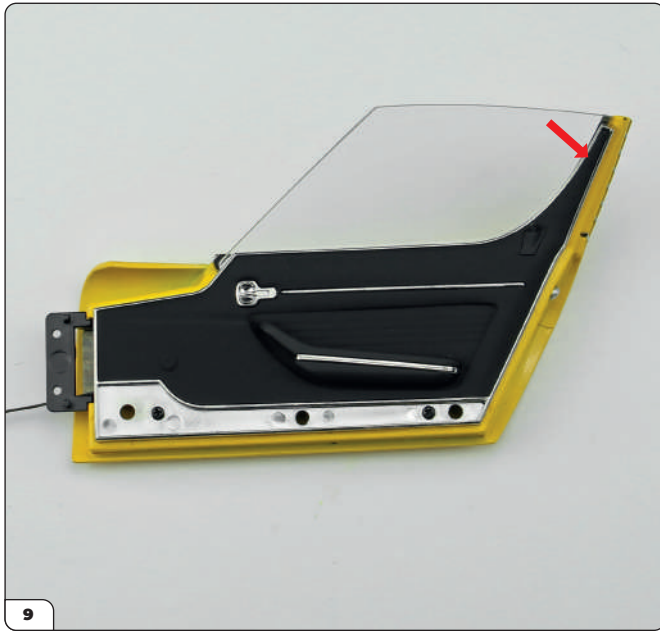


Turn the panel over and locate the small piece of sticky tape (arrow). Carefully remove the backing paper from the tape to reveal the adhesive beneath.

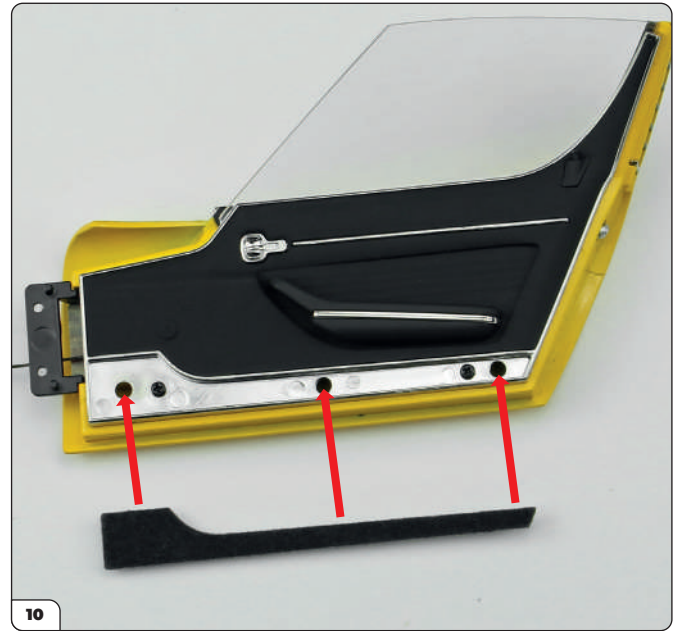


Retrieve the right door assembly from the previous stage and align the panel with it as shown above. There are four holes (circled) to push the four columns of the panel into.

Stage 53: Fitting the Right Door Cladding



Firmly press the cladding panel into the silver trim on the door. Be sure to carefully line the upper right part with the adhesive tape and press it firmly when sticking the parts together (arrow).



Finally, take the cladding panel trim and press it into place by pushing its columns into the corresponding holes (arrows).



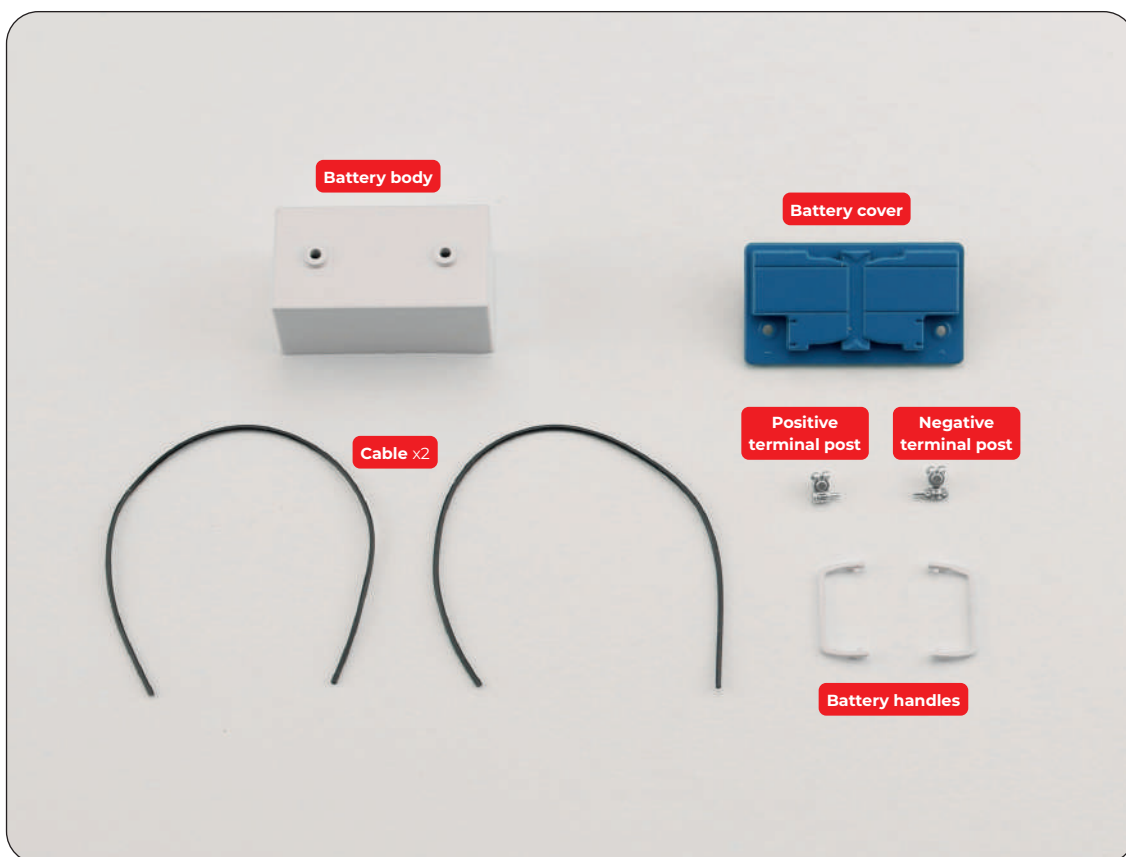
Stage 54: Working on the Interior Roof Panel and Rear Window

Using parts supplied in the previous stage, you'll stick covers over the visible screws of the interior roof panel and then begin to assemble the rear window. The parts supplied with this stage can be stored away until they are needed later.



STAGE 54 PARTS LIST

Name
Battery body
Battery cover
Cable x2
Positive terminal post
Negative terminal post
Battery handles



Stage 54: Working on the Interior Roof Panel and Rear Window



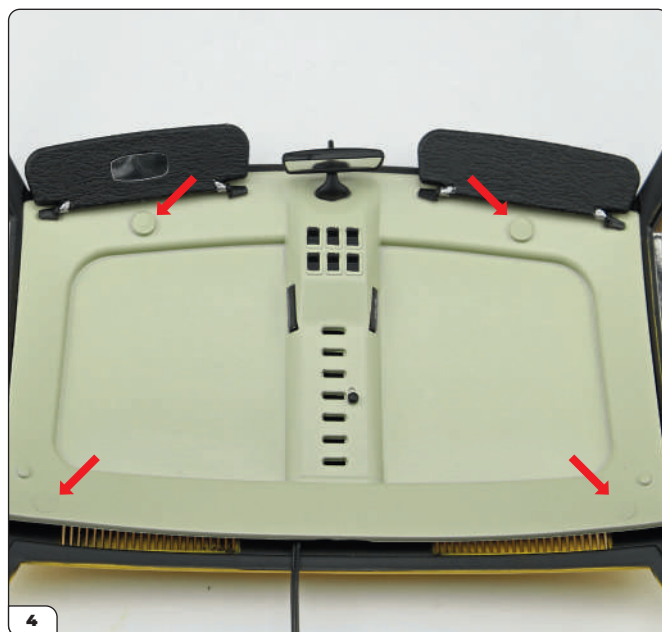
1 Take the central body assembly and place it on your work surface as shown. Note the four screws fixing the roof panel (circled).



2 Using tweezers, peel one of the screw cover stickers (supplied in the previous stage) from its backing.



3 Place the sticker so that it covers one of the screws highlighted in the first step.

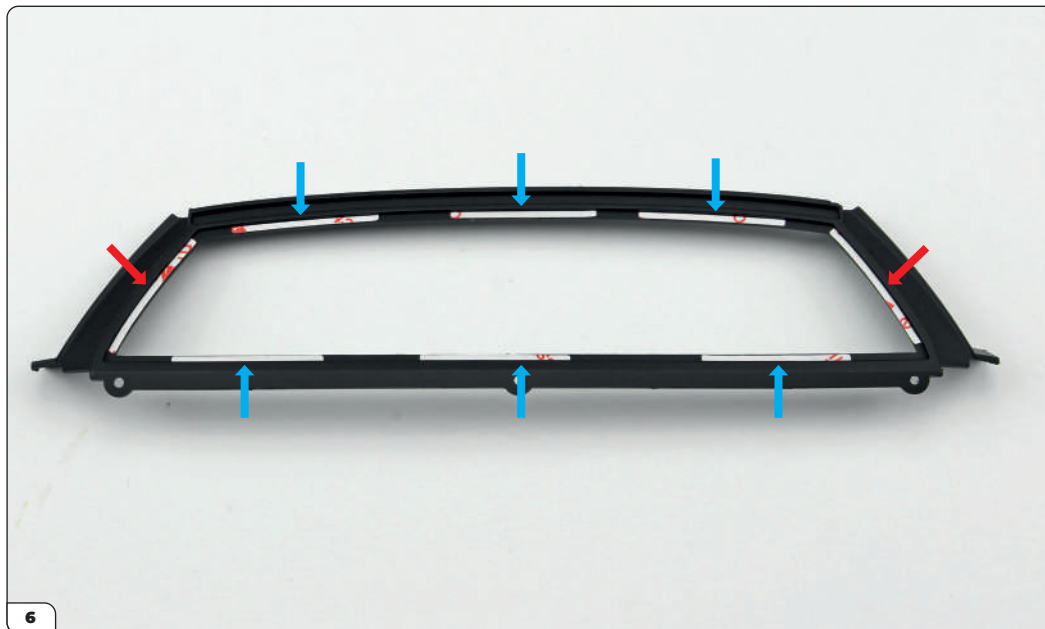


4 Repeat for the remaining screws until they are all covered (arrows).

Stage 54: Working on the Interior Roof Panel and Rear Window

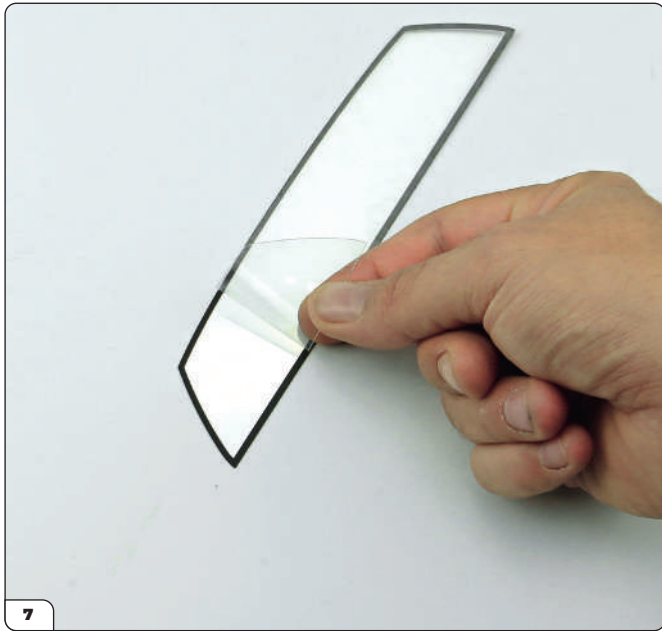


Next take the rear window support and double-sided tape (supplied with the previous stage). Lay the support with the recessed area facing upwards (note the appearance of the corner, inset). The double-sided tape sheet has six straight pieces and two curved pieces (arrows).



Peel the tape from the sheet and stick them into the recess of the rear window support as shown in the image. The six straight pieces of tape are stuck on the top and bottom sections of the support (blue arrows) while the two curved pieces of tape are stuck to the left and right (red arrows). Make sure to press the strips of tape firmly into the recess so that they don't overlap the edge.

Stage 54: Working on the Interior Roof Panel and Rear Window



The rear window (supplied in the previous stage) has a slight curvature that matches the curve of the support. Carefully peel the protective film from the window. To avoid scratching the window, we recommend using a cocktail stick to lift the edge of the film.



Remove the white backing from the double-sided tape strips. Press the window into the support, starting with one corner. Once in place, use a microfibre cloth to carefully push the window down on the tape to ensure it adheres completely.



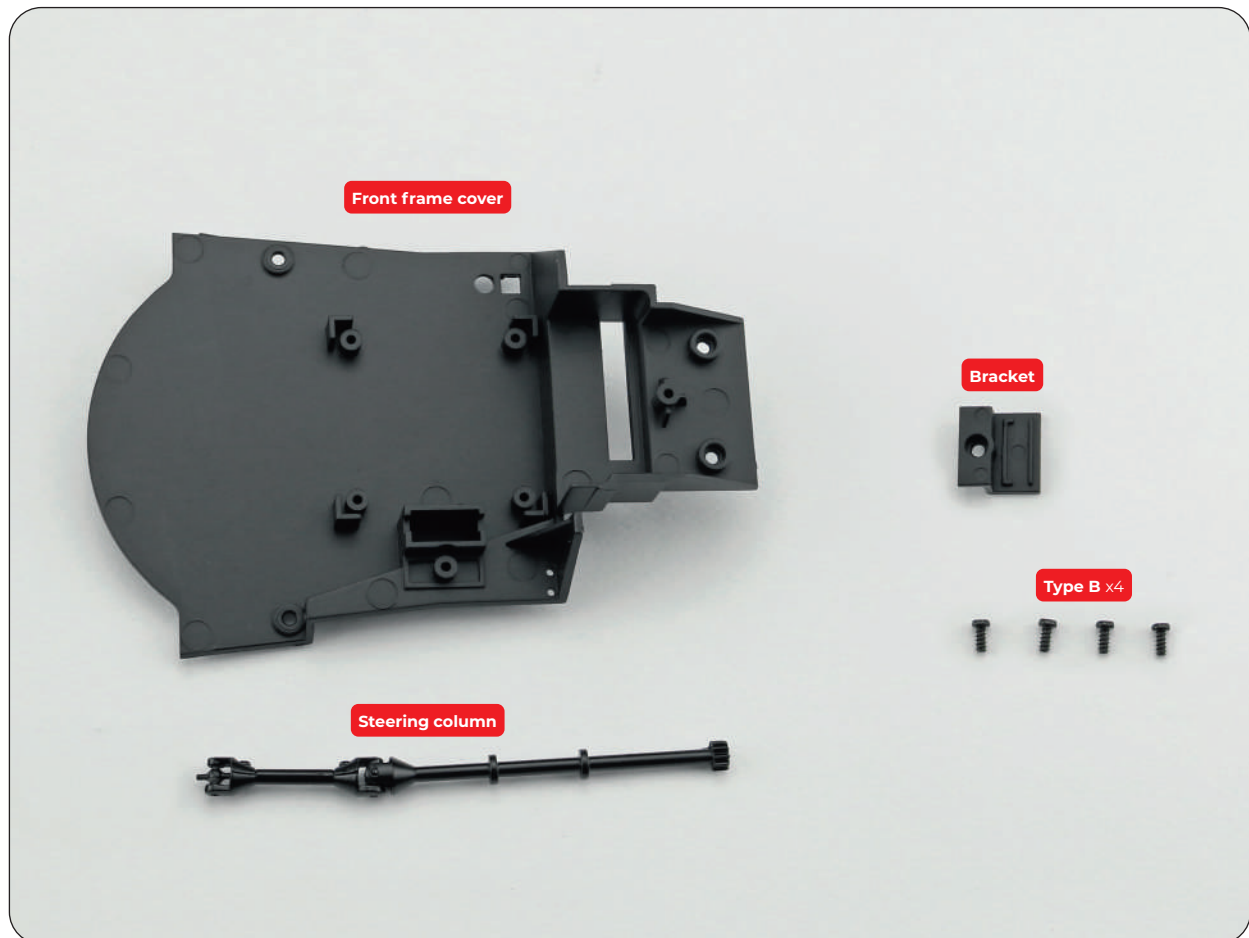
Stage 55: Fitting the Rear Window Support to the Cross Frame and into the Central Body

In this stage you'll fit the rear window together then fix it into the central body. You can store the parts supplied with this stage until they are needed later.

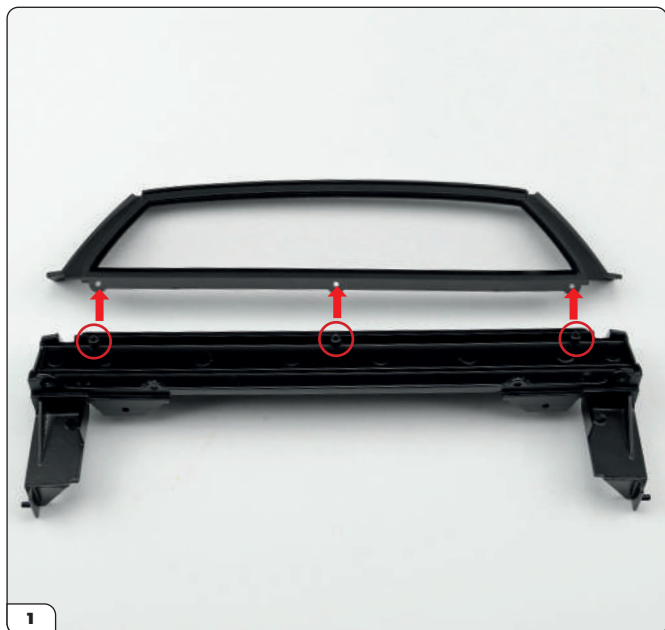


STAGE 55 PARTS LIST

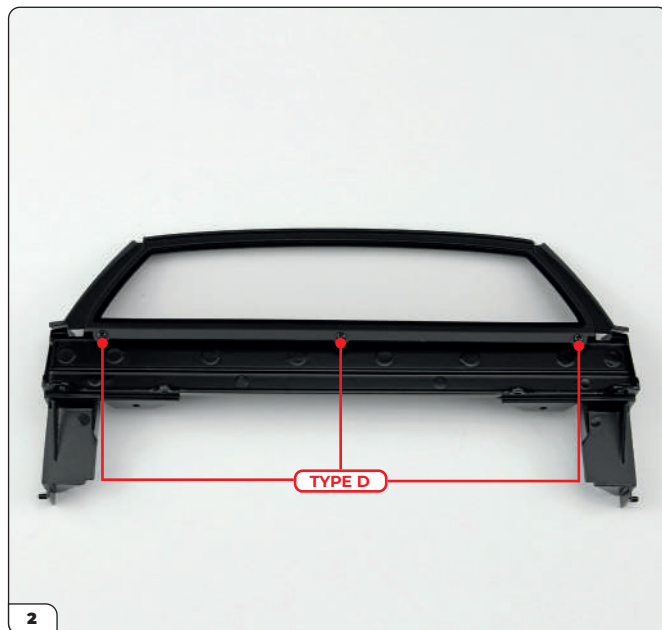
Name
Front frame cover
Bracket
Steering column
Type B screws x4



Stage 55: Fitting the Rear Window Support to the Cross Frame and into the Central Body



Retrieve the cross frame firewall supplied with Stage 53. Align the rear window assembly from the previous stage with it as shown. There are three columns in the cross frame (circled) that fit into the holes of the rear window support (arrows).



Fit the holes in the support over the corresponding columns, then secure the support to the frame using 3x Type D screws (supplied with Stage 53).



Now retrieve the central body assembly and place it on your work surface with the roof panel facing upwards. Arrange the inner light cable so that it comes out from the rear left corner of the bodywork, as shown in the image.

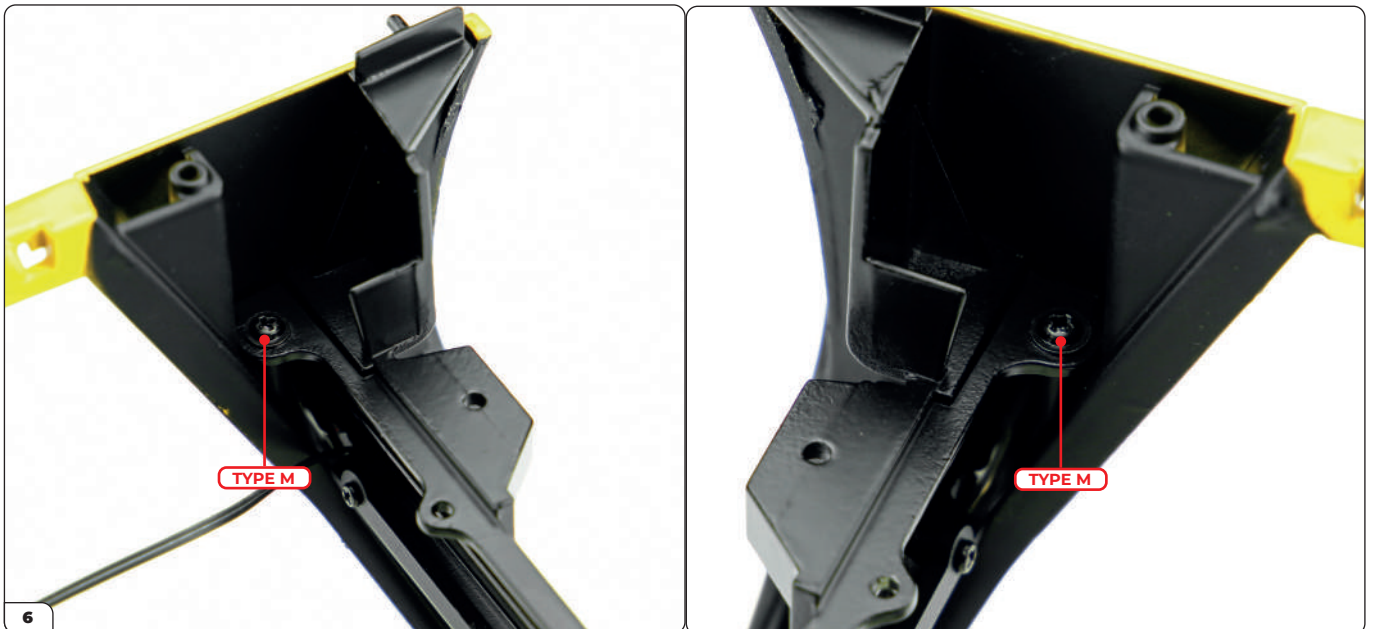


Next you'll mount the cross frame and rear window into the central body. Align the frame so that the highlighted trapezoid structures (arrows) face outwards, then carefully lower the frame into position. The holes at each end (circled) should sit over the corresponding screw columns of the body. Make sure the inner light cable remains in place so that it protrudes through the notch (see step 5).

Stage 55: Fitting the Rear Window Support to the Cross Frame and into the Central Body



Carefully push the window so that it fits into the recess and is flush with the body (arrow). Note the inner light cable protruding from the notch (circled).

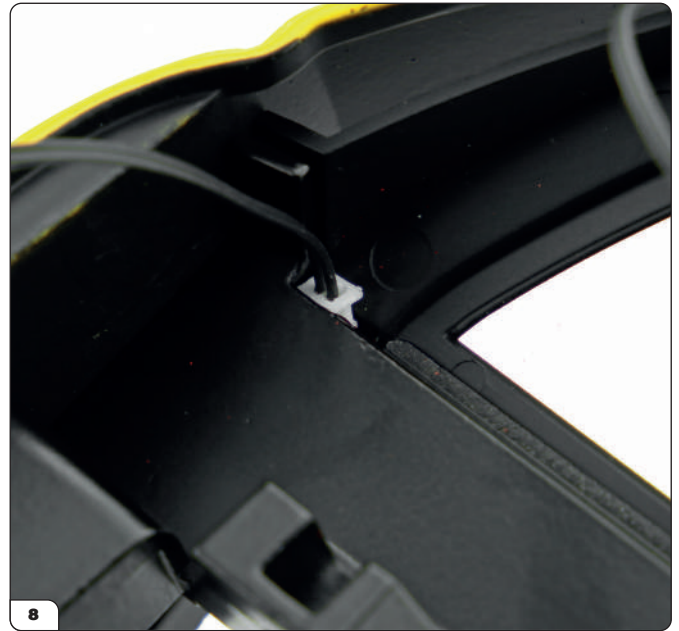


Use 2x Type M screws to secure the frame to the body.

Stage 55: Fitting the Rear Window Support to the Cross Frame and into the Central Body



7 Turn the body assembly upright. There is a hole (arrow) on the left hand side of the cross frame for passing the inner light cable through.



8 Using tweezers, grasp the connector and push the inner light cable through the hole highlighted in the previous step.

The connector can be difficult to fit through – try loosening the Type D screws that fix the window support and cross frame together, then carefully push apart until the hole is wide enough for the connector to fit through easily.



9 Once the connector is through the hole, pull until the cable is flush with the rear window as shown above.

Stage 55: Fitting the Rear Window Support to the Cross Frame and into the Central Body

STAGE COMPLETE



Stage 56: Assembling the Battery and Fitting it to the Front Frame Cover

The front frame and screws supplied here will be used in the next stage. First, you'll need to assemble the battery and fit it to the front frame cover.

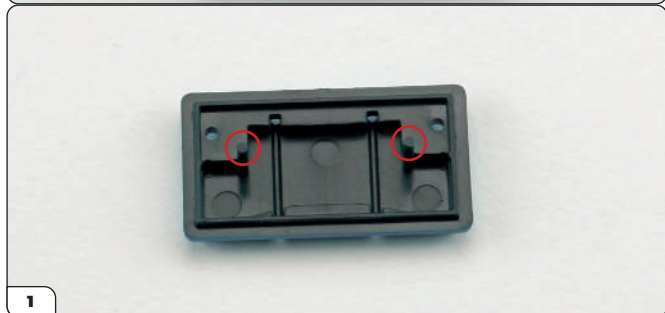
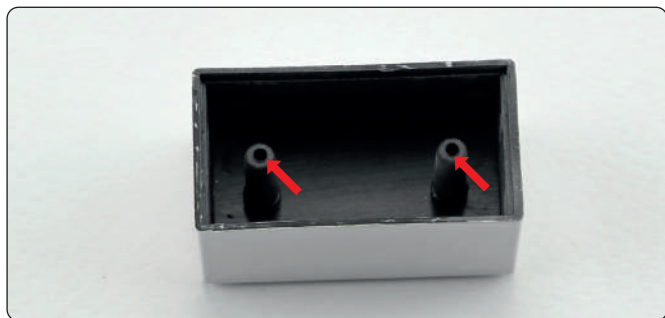


STAGE 56 PARTS LIST

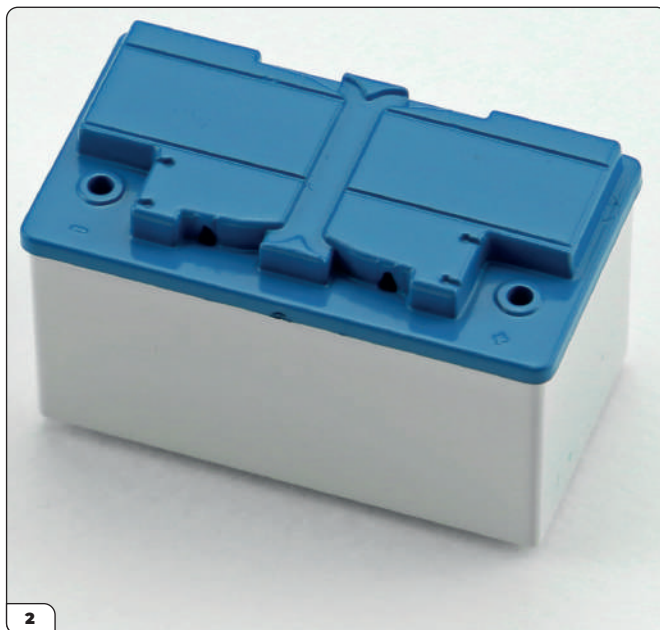
Name
Front frame
Type A screws x3
Type B screws x2



Stage 56: Assembling the Battery and Fitting it to the Front Frame Cover



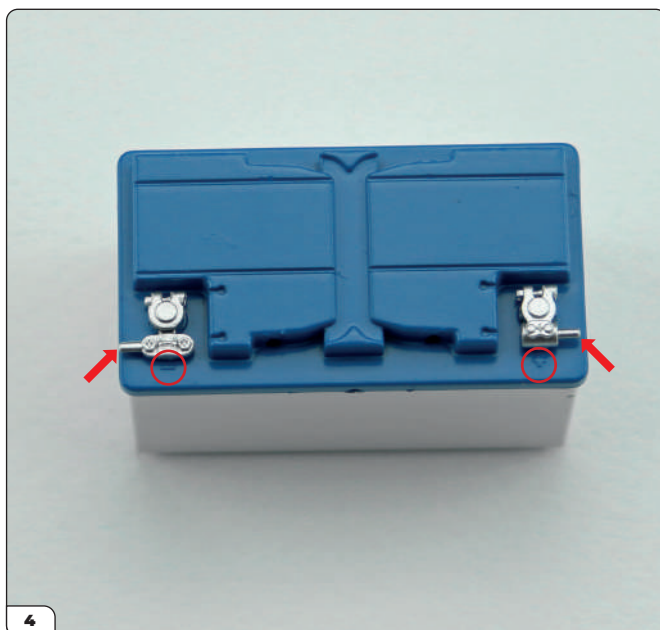
1 Take the battery body and cover supplied with Stage 54. There are two columns in the body (arrows) that correspond with the two pins of the cover (circled).



2 Fit the parts together by pressing the pins of the cover into the columns of the body.

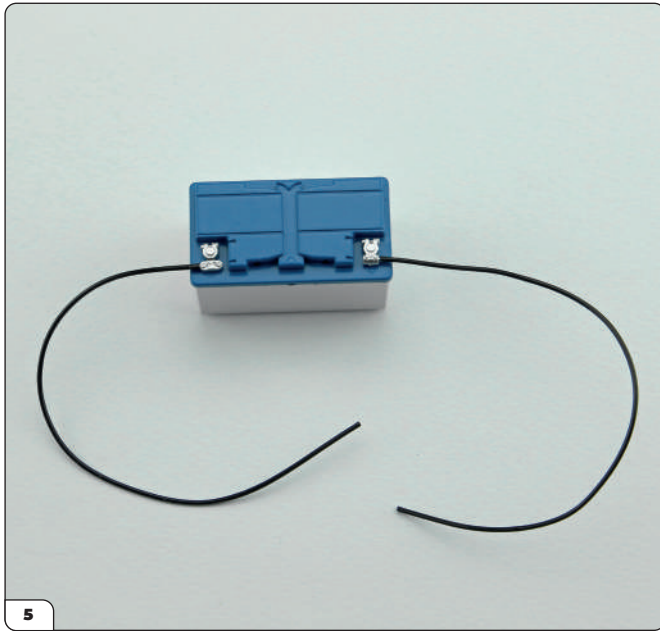


3 The terminal posts (supplied with Stage 54) are different from each other. Lay them on the work surface as shown and identify the positive and negative post. The negative post has two screws on a wider base (circled). Each one has a thick pin for fitting it into the battery (arrow).

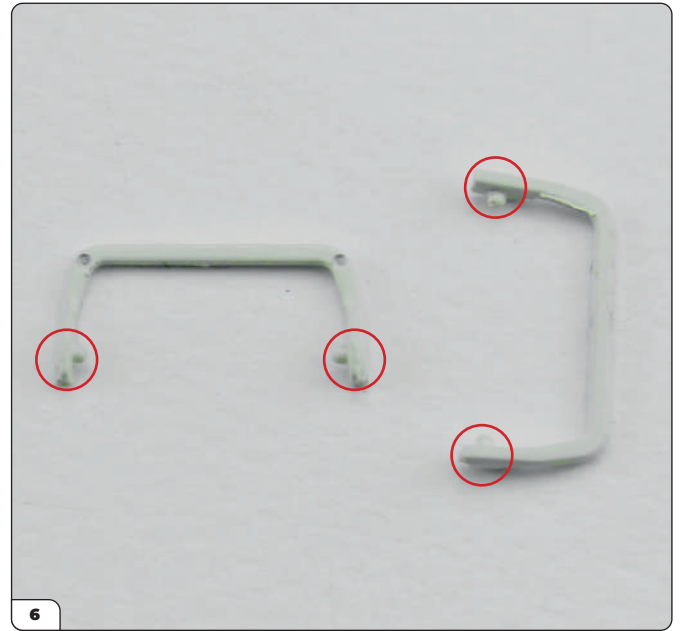


4 Press the terminal posts into position as shown. They should match with the positive and negative symbols (circled) on the cover and the thin pins on each post should be facing outwards (arrows).

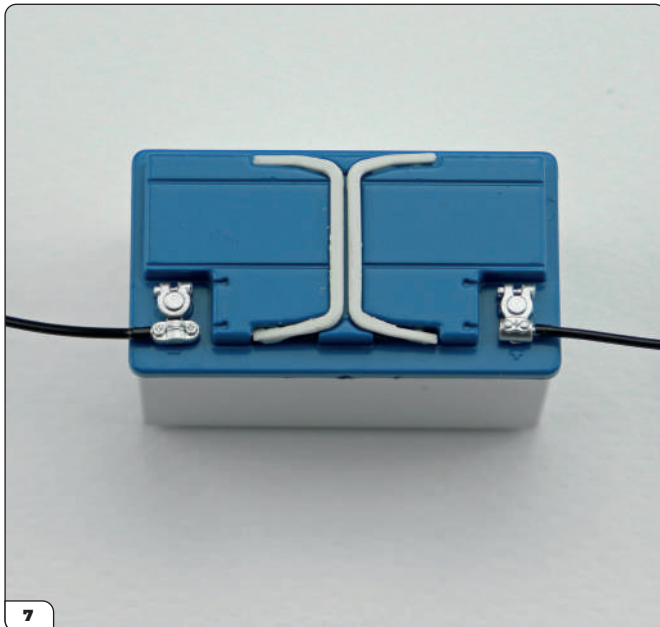
Stage 56: Assembling the Battery and Fitting it to the Front Frame Cover



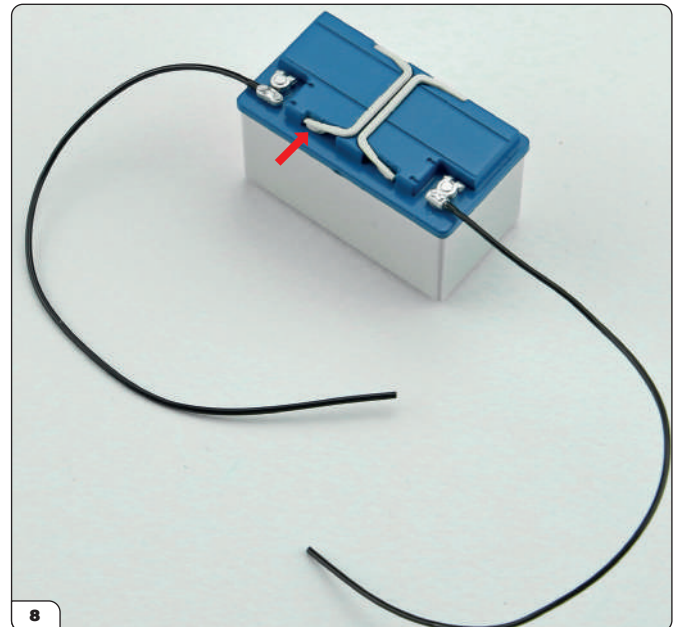
Fit the two cables (supplied with Stage 54) over the thin pins protruding from each post as shown. You may wish to use a small amount of super glue to fix the cables in place.



The battery handles (supplied with Stage 54) have small trapezoid protrusions at the ends (circled). These protrusions must face downwards once the handles are fitted to the cover (see step 8).

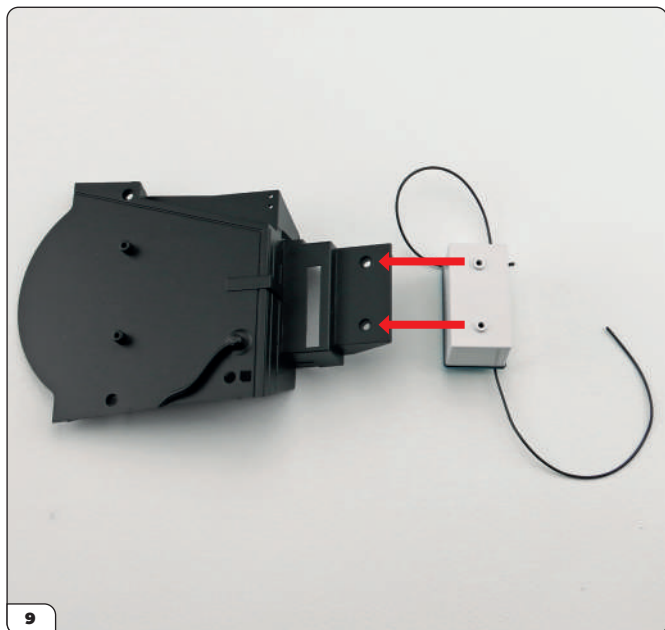


Fit the small pins at the end of each handle into the corresponding holes in the battery cover. You may need to pull the handles gently apart to fit them over the cover as you press them in place. Squeeze the ends of the handles lightly to ensure the pins are fully fitted into the holes.

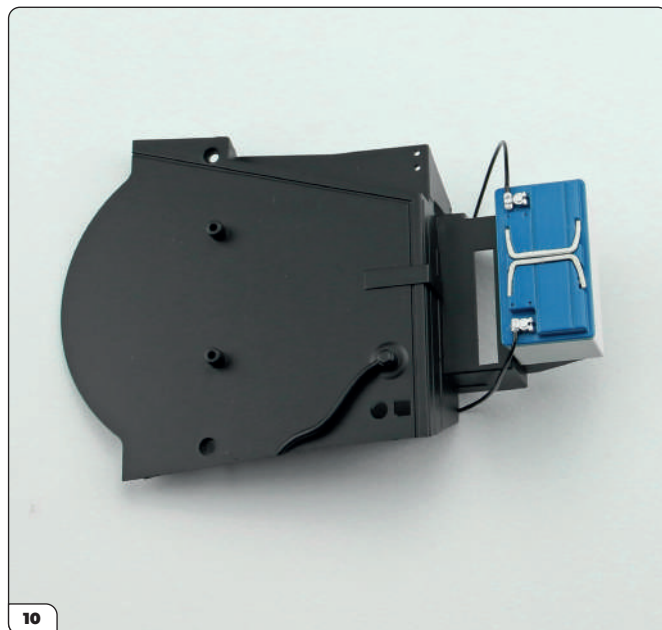


The handles should look like this once fitted onto the cover. Note the trapezoid protrusions are facing downwards (arrow).

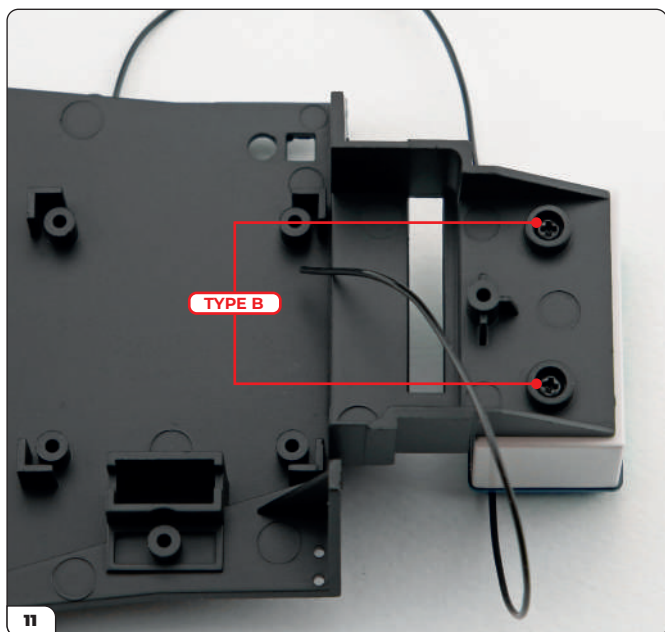
Stage 56: Assembling the Battery and Fitting it to the Front Frame Cover



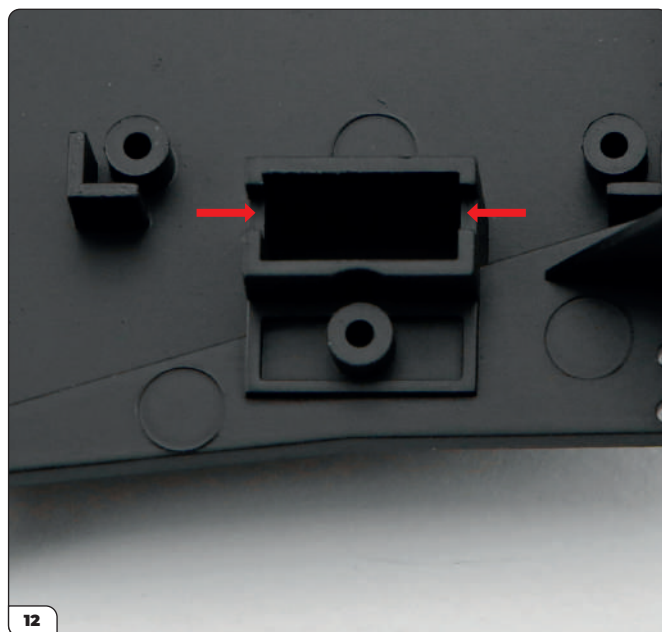
Now retrieve the front frame cover (supplied with Stage 55). There are two protruding columns underneath the battery body that fit into the holes of the frame cover (arrows).



Fit the battery onto the front frame cover so that the terminal posts are facing the cover in the orientation shown.

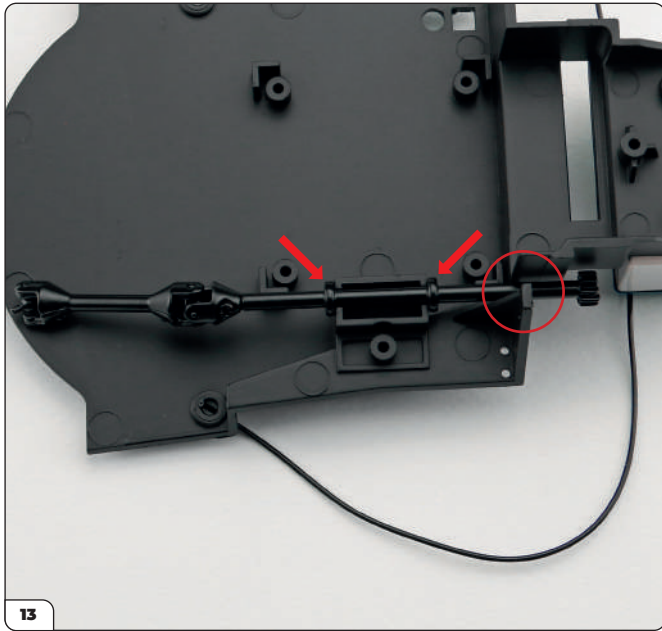


Holding the battery in place, turn the assembly over and secure the parts together using 2x Type B screws (supplied with Stage 55).



The underside of the frame cover has a rectangular structure as shown above. There are two notches on the side of the structure (arrows) which are for mounting the steering column.

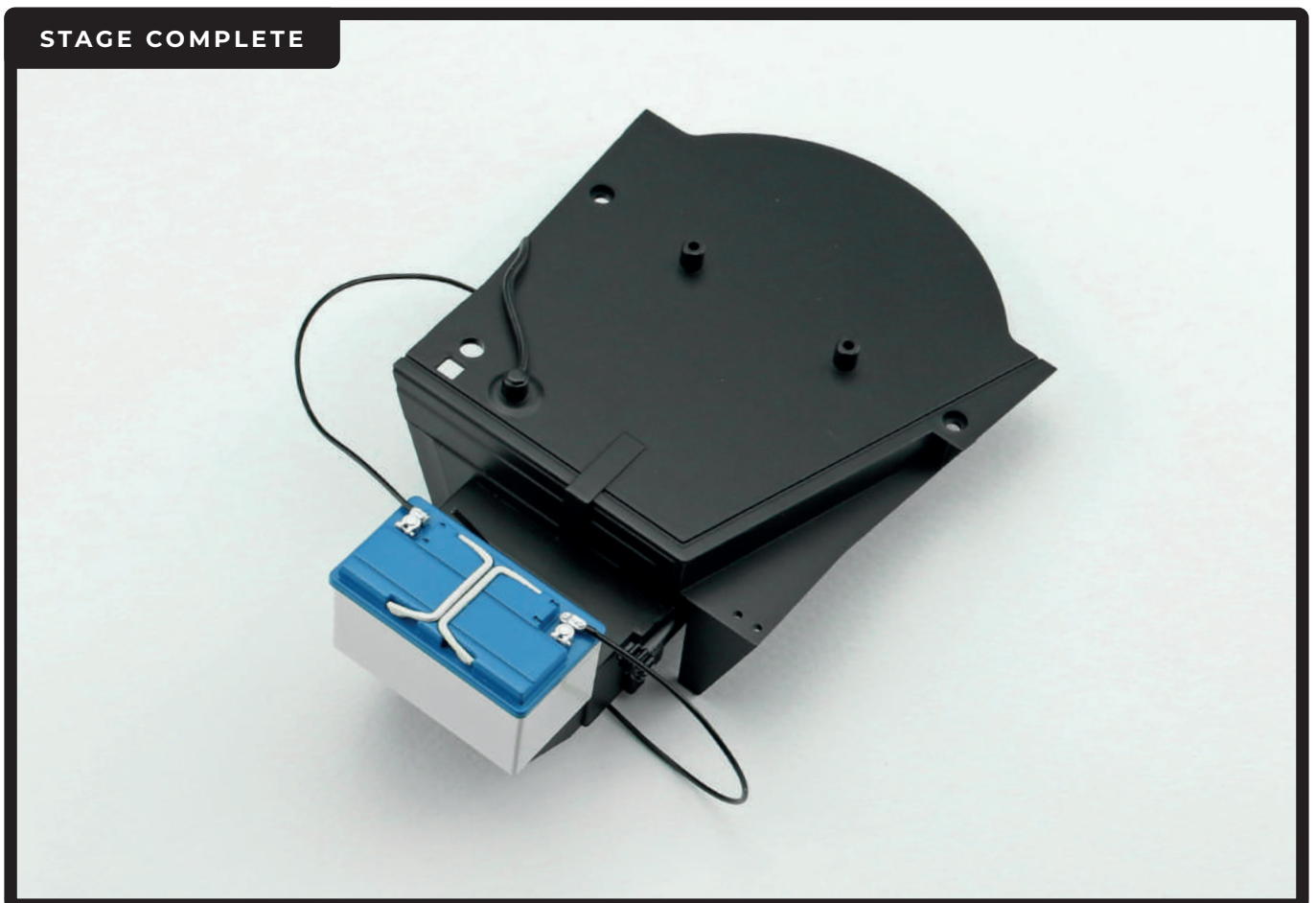
Stage 56: Assembling the Battery and Fitting it to the Front Frame Cover



Fit the steering column (supplied with Stage 55) into the rectangular structure of the front frame cover so that the two circular latches are on the outside (arrows). Note the orientation of the steering column – the gear end should fit through the gap (circled).

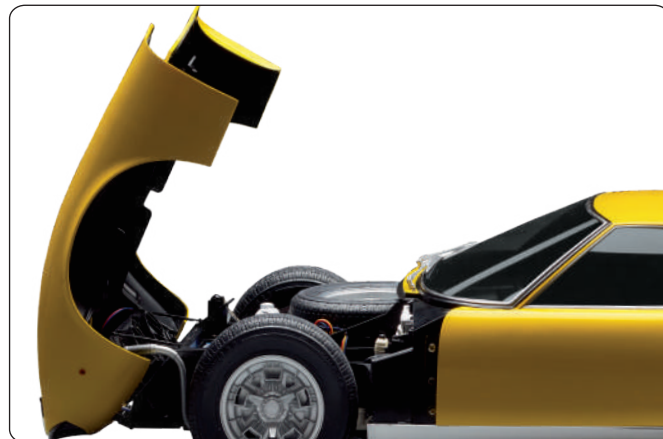


Take the bracket (supplied with Stage 55) and fit it over the rectangular structure then secure in place using a Type B screw (supplied with Stage 55). Make sure this screw is tight – but not so tight as to prevent the steering column from being able to rotate.



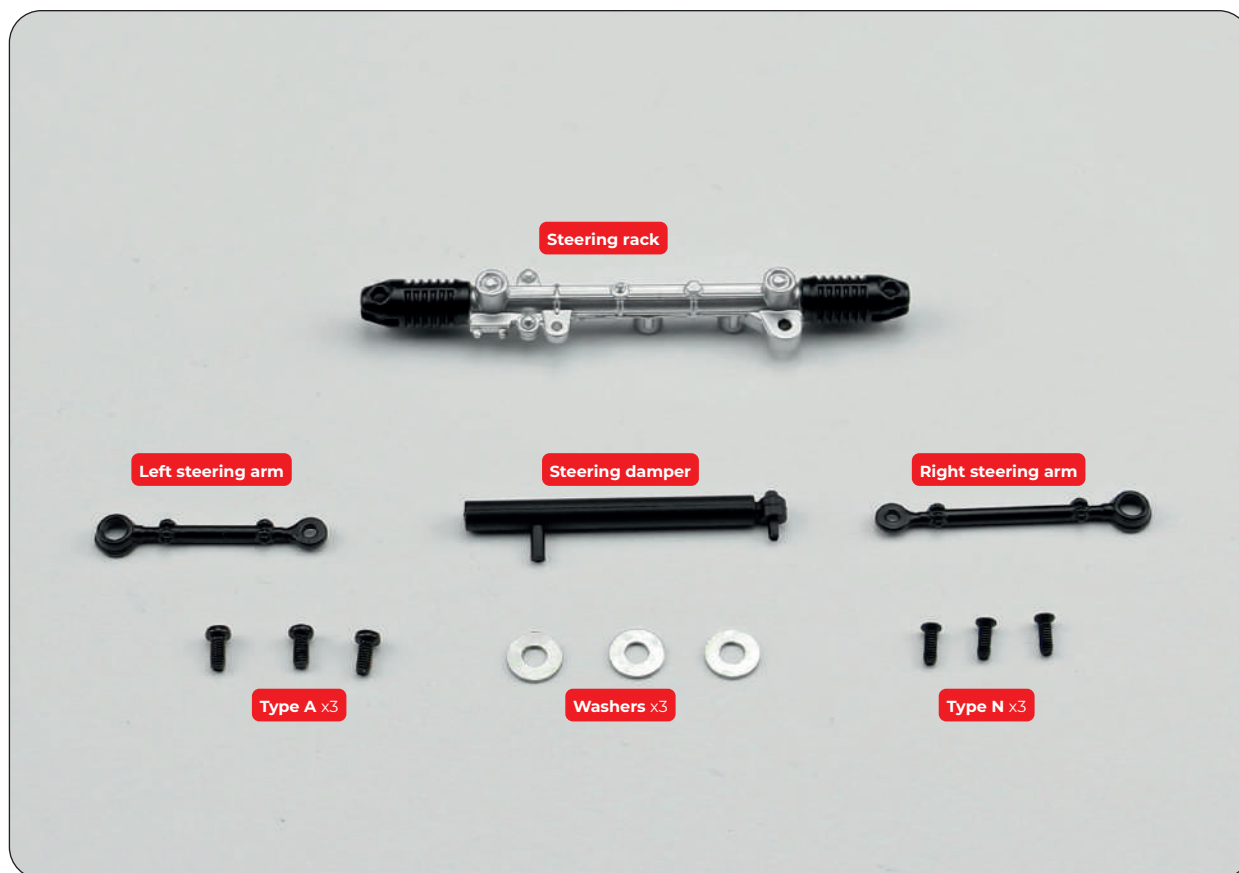
Stage 57: Fixing the Front Frame Cover

For this stage the front frame cover assembled in the previous stage is fixed in place. The parts supplied here will be used in the next stage.

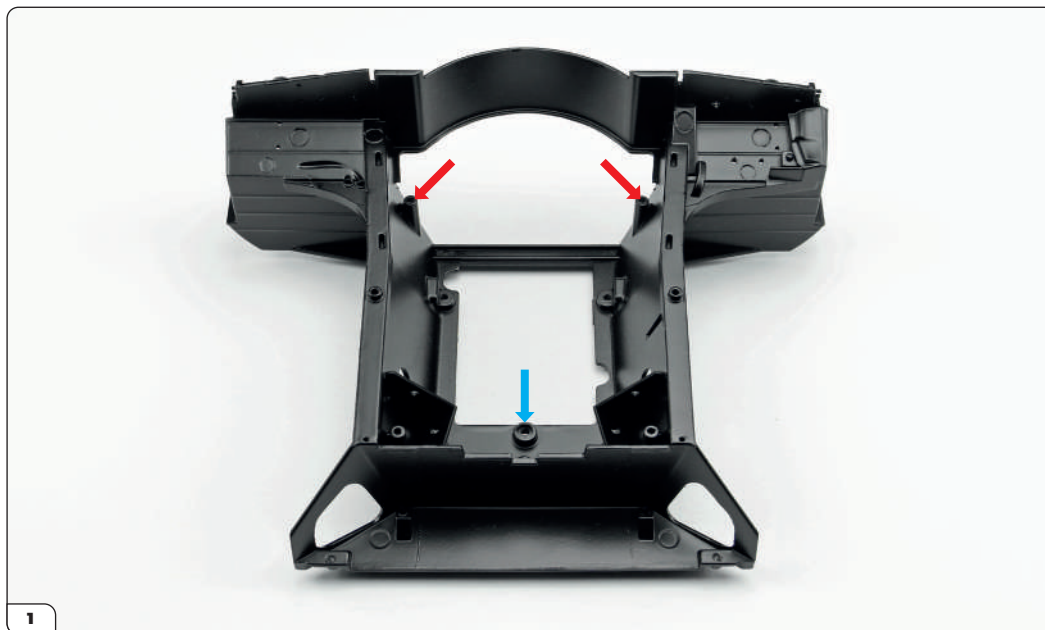


STAGE 57 PARTS LIST

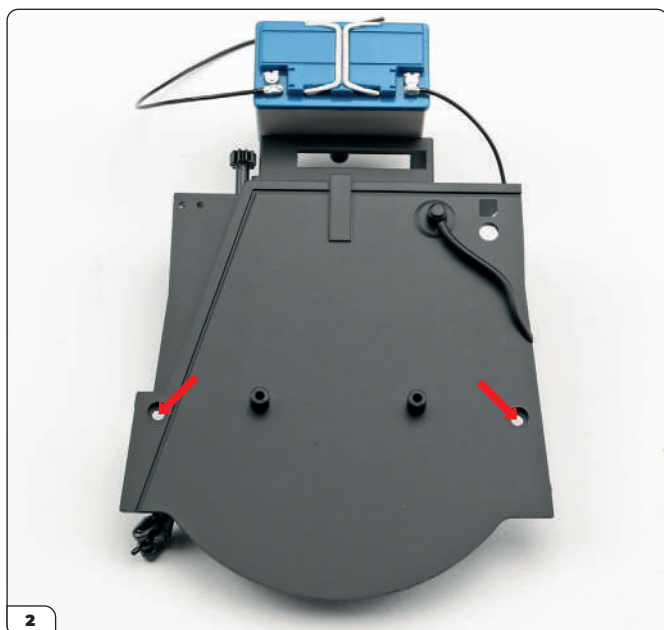
Name
Steering rack
Left steering arm
Steering damper
Right steering arm
Type A screws x3
Washers x3
Type N screws x3



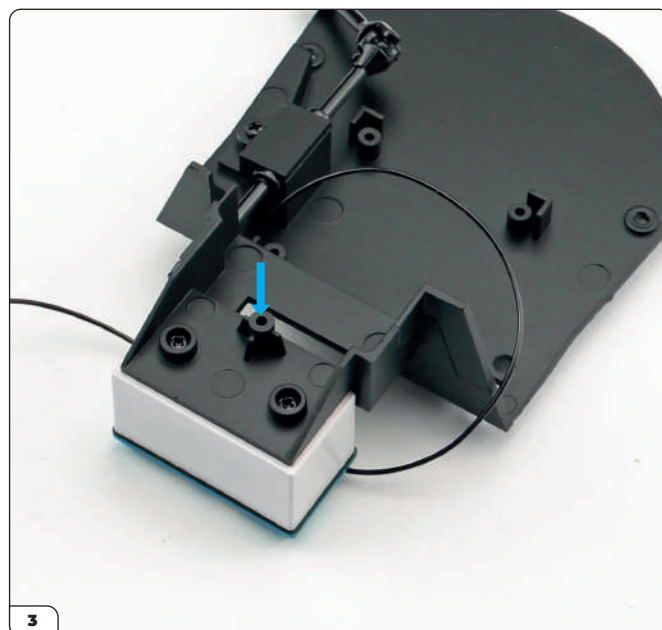
Stage 57: Fixing the Front Frame Cover



Take the front frame (supplied with Stage 56) and lay it on your work surface as shown. Note the fixing points (coloured arrows) for fitting the front frame cover.

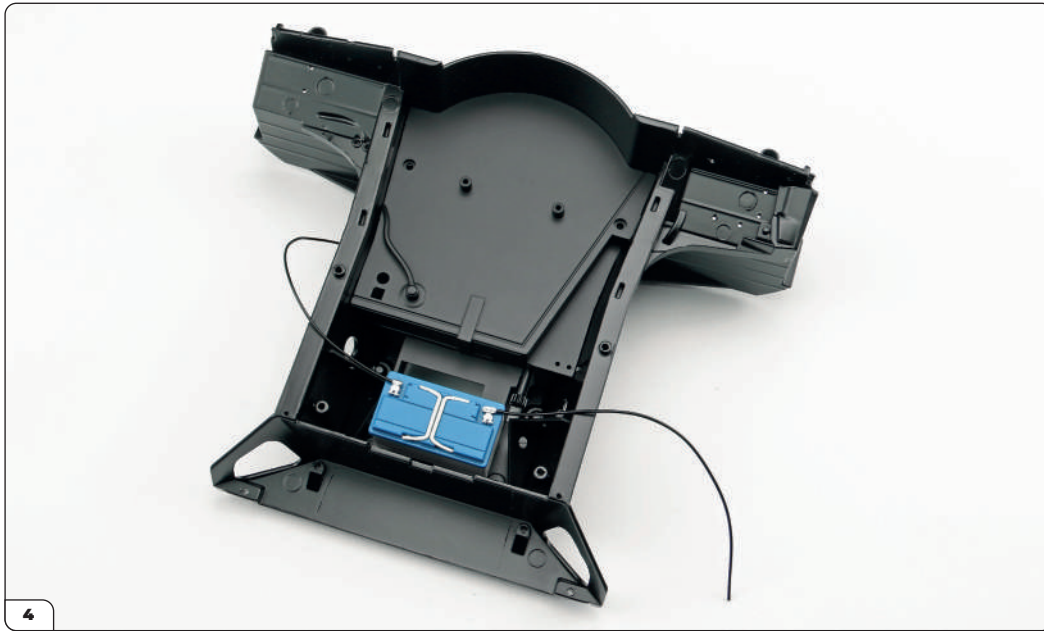


Take the front frame cover which was assembled in the previous stage. The two holes (red arrows) fit over the left and right holes highlighted in the first step.

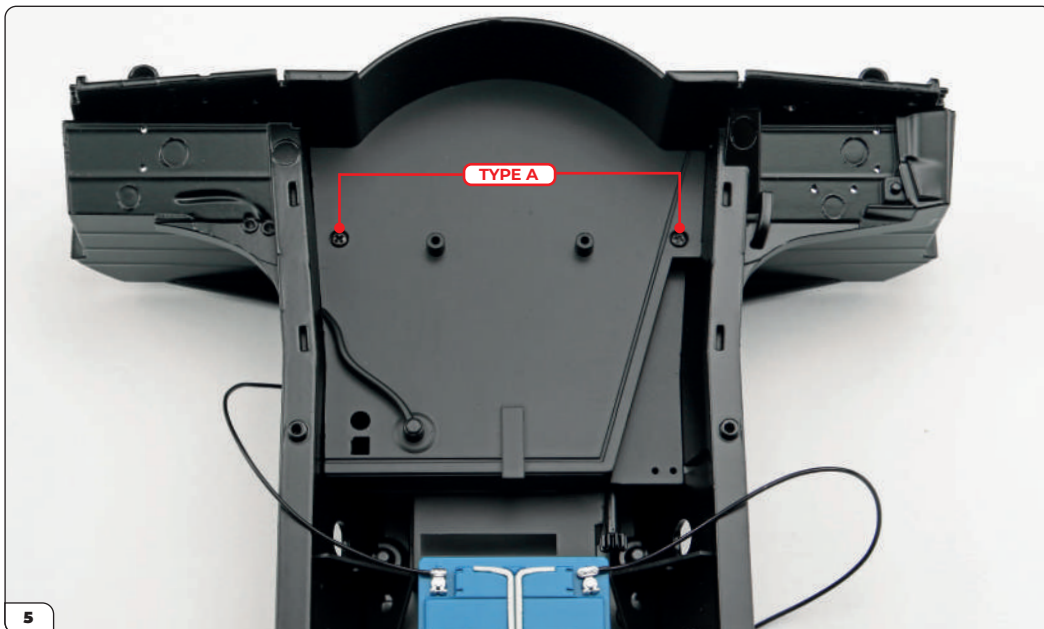


There is a column underneath the battery (arrow) which fits into the central hole highlighted in the first step.

Stage 57: Fixing the Front Frame Cover



Fit the frame cover into place as shown. Check that the highlighted fixing points from the previous steps are aligned correctly.

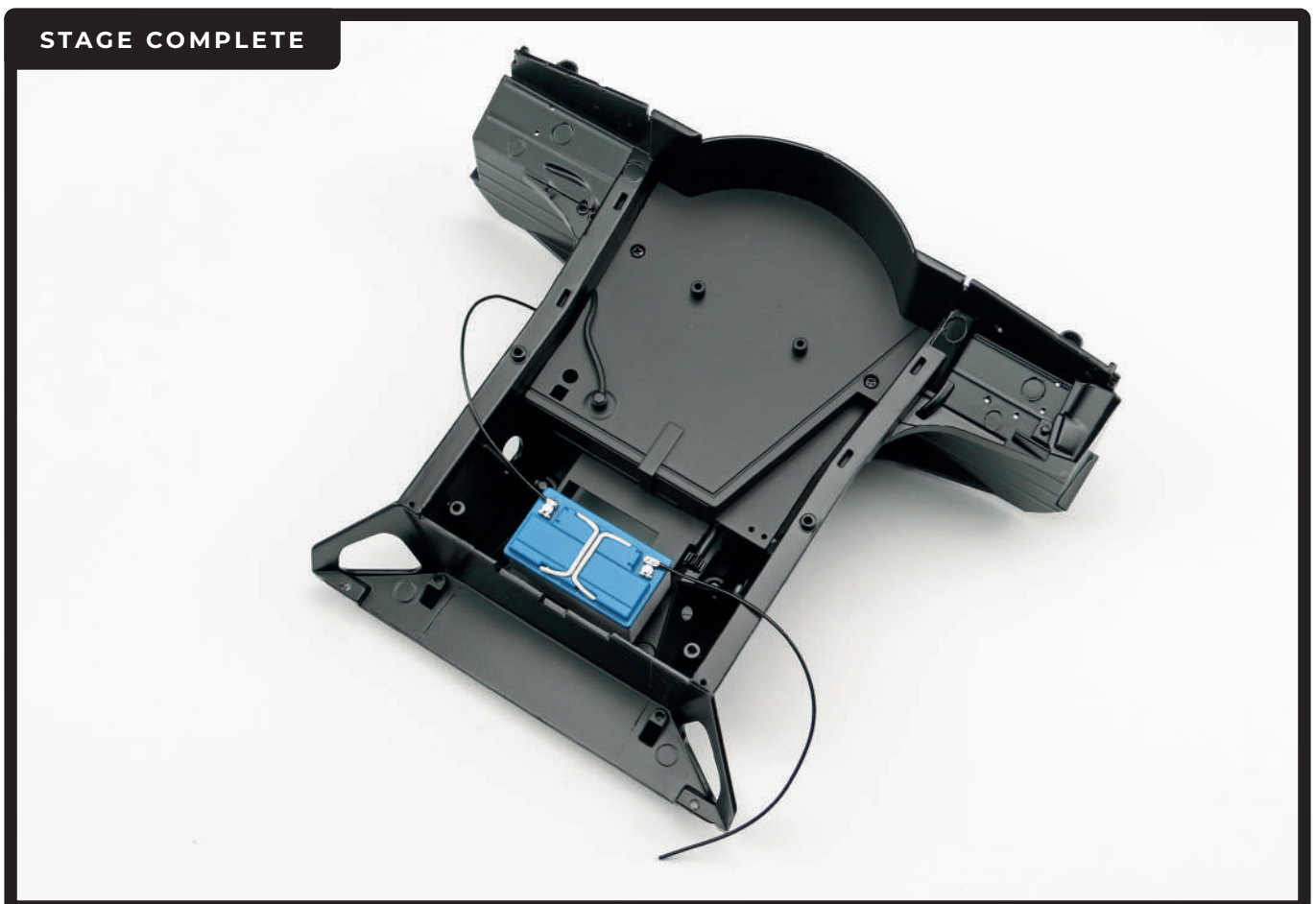


Use 2x Type A screws to secure the left and right fixing points.

Stage 57: Fixing the Front Frame Cover



Turn the assembly over and use a Type B screw (supplied with Stage 56) to secure the point underneath the battery to the front frame.



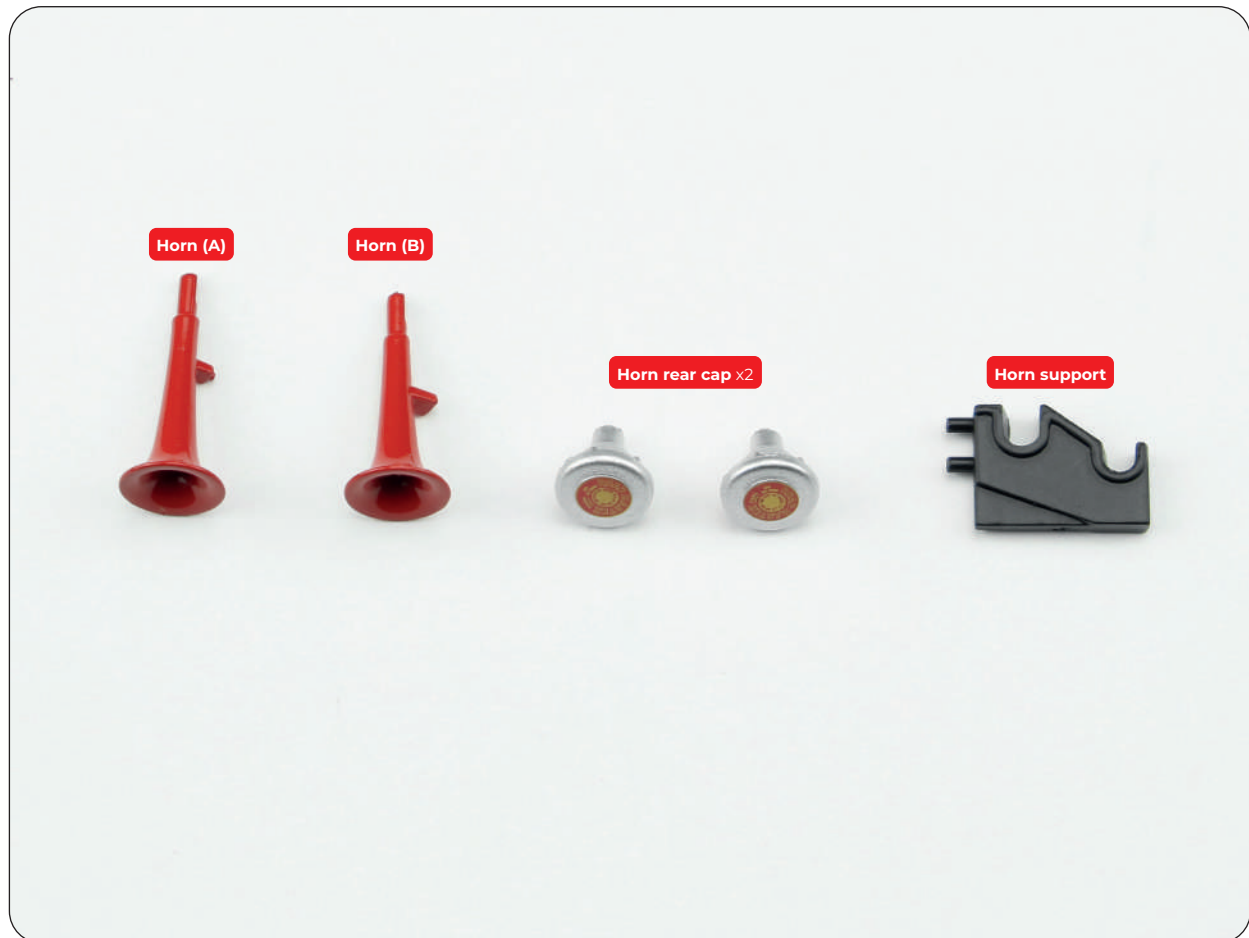
Stage 58: Installing the Steering Rack, Damper, and Arms

The last stage for this pack involves assembling the steering rack and damper then fitting them in place on the front frame assembly. Once installed, you'll attach the left and right steering arm to the rack. The parts supplied with this stage can be stored away for now.

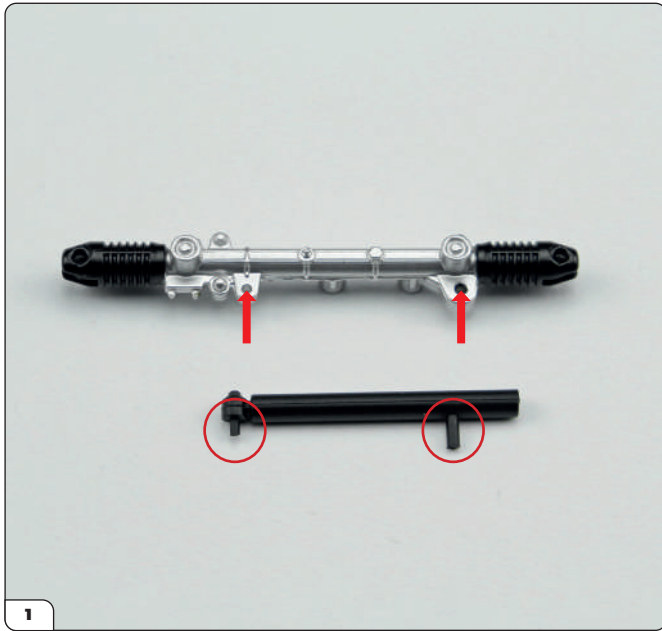


STAGE 58 PARTS LIST

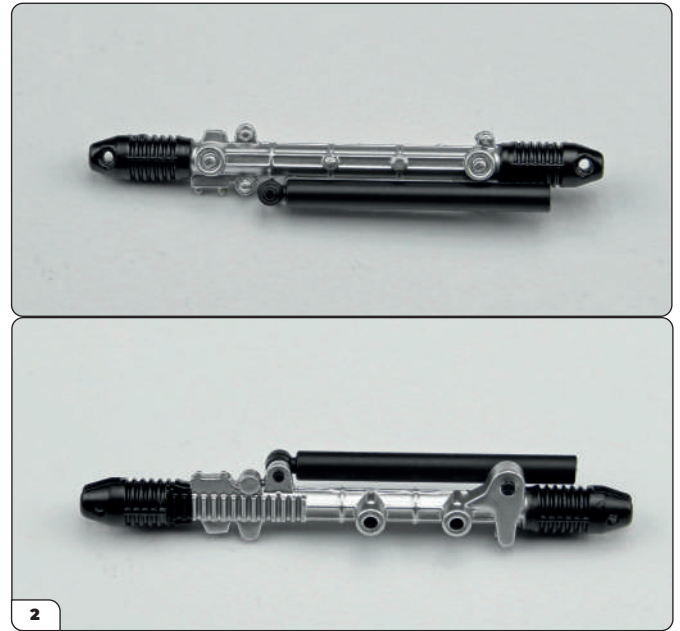
Name
Horn (A)
Horn (B)
Horn rear cap x2
Horn support



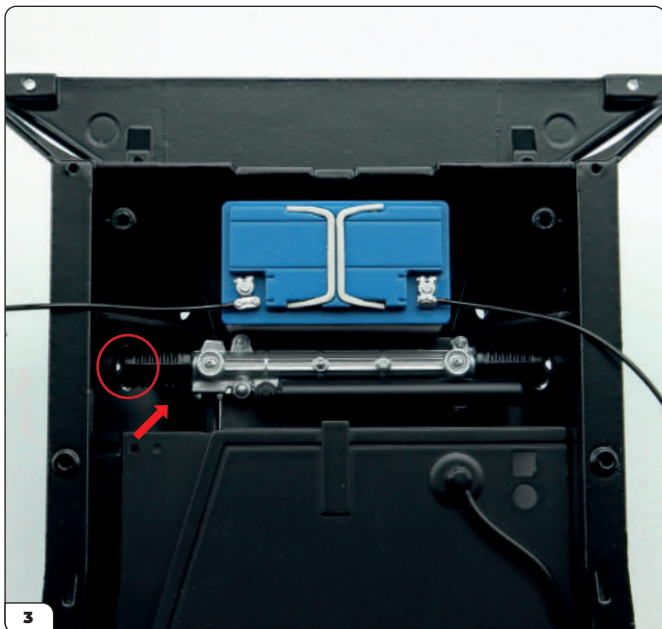
Stage 58: Installing the Steering Rack, Damper, and Arms



1 Take the steering rack and steering damper (supplied with Stage 57) and lay them on your work surface as shown. There is a small and large hole (arrows) in the rack which correspond to the small and large pin (circled) on the damper.

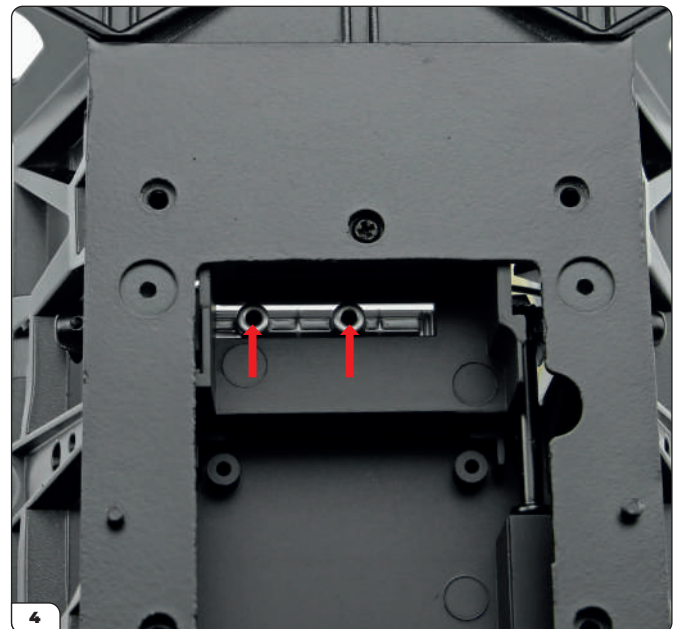


2 Push the pins of the damper into the holes of the rack. Take care to push the damper in the correct side of the rack – the top image shows the side the damper should be pressed in from.



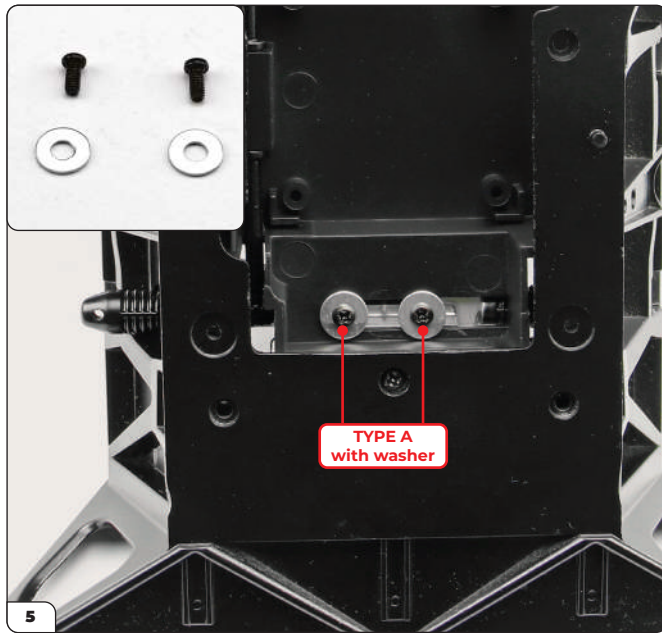
3 Retrieve the front frame assembly from the previous stage and insert the steering rack so that the damper is on the opposite side to the battery. Fit the end of the rack through the hole in the side of the frame (circled) before fitting the other end through the opposite hole.

Once in place, couple the steering column gear to the rack (arrow) by rotating the steering column.

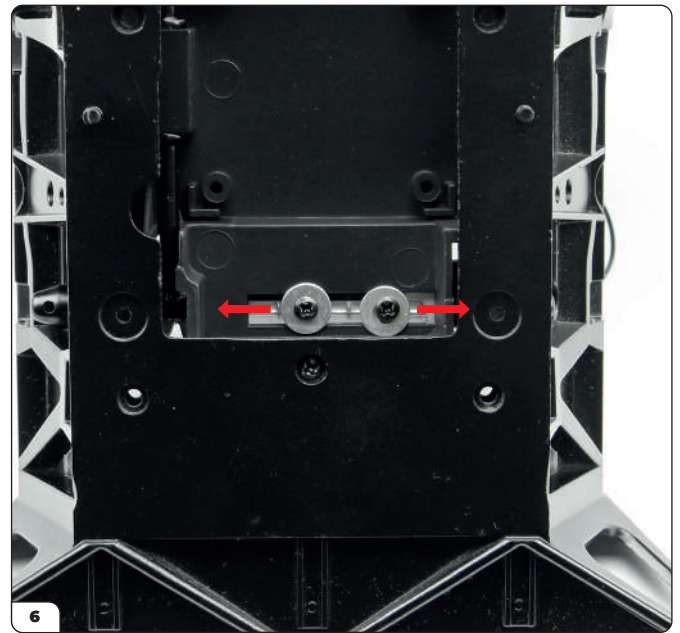


4 Turn the assembly over while holding the steering rack in place. There is a rectangular hole through which the two screw holes of the rack should be visible (arrows).

Stage 58: Installing the Steering Rack, Damper, and Arms

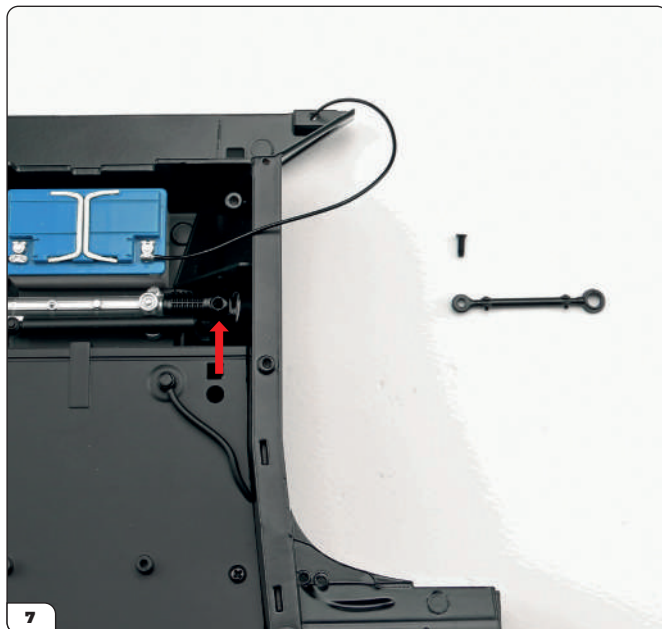


Take a pair of washers along with 2x Type A screws (supplied with Stage 57, see inset). Fit the screws through the washers then drive them into the holes in the steering rack.

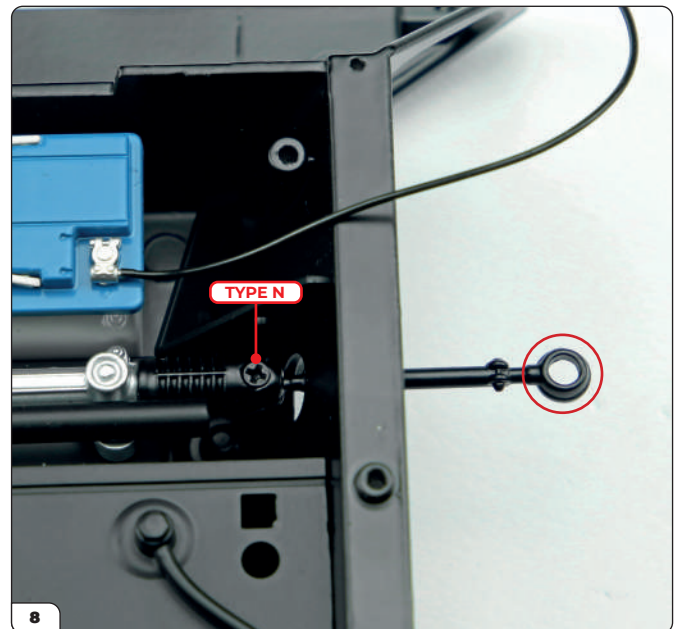


Turn the steering column left and right to check that the screws and washers are not too tight – the steering rack should be able to move smoothly (arrows) when the steering column turns.

If the movement is too stiff, loosen the screws slightly. If the steering column gear doesn't engage with the rack, tighten the screws instead.

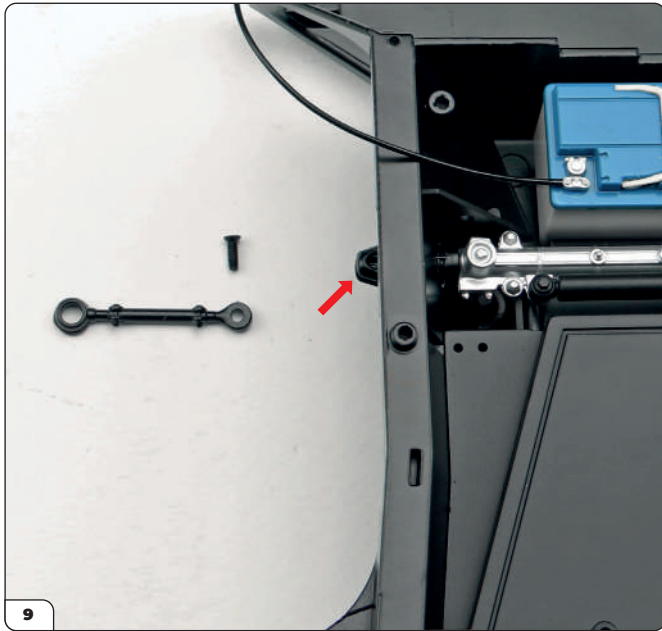


Take the right steering arm (supplied with Stage 57 – the longer arm of the two) and align it with the front frame assembly as shown. Rotate the steering column so that the fork on the right side is inside the frame as shown (arrow).

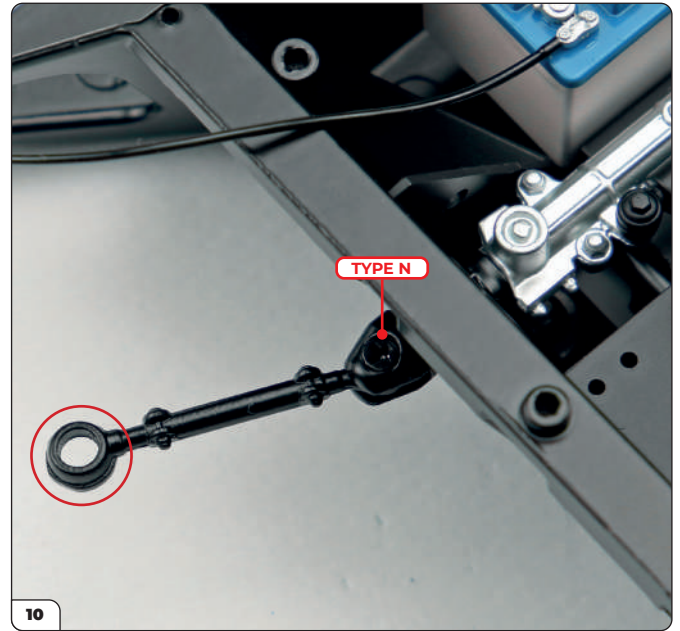


Fit the right steering arm into the fork at the end of the rack and secure in place using a Type N screw (supplied with Stage 57). Ensure the steering arm is oriented the correct way round, with the circular ridge facing upwards (circled).

Stage 58: Installing the Steering Rack, Damper, and Arms



Now take the left steering arm. Rotate the steering column until its fork is outside of the frame (arrow).



Fit the left steering arm into the fork and secure using a Type N screw (supplied with Stage 57). As you did before, make sure the arm is oriented the correct way round (circled).

