



# Pack 09

## BUILD INSTRUCTIONS

**STAGE 73: FITTING THE DASHBOARD PANELS  
AND THE HEATER TO THE FIREWALL**

**STAGE 77: BUILDING THE INSTRUMENT PANEL  
AND FITTING THE DASHBOARD AND FIREWALL**

**STAGE 74: BUILDING THE STEERING WHEEL  
AND THE BRAKE BOOSTER**

**STAGE 78: INSTALLING THE  
HEADLIGHT SWITCHES**

**STAGE 75: BUILDING THE DASHBOARD  
AND FOOT PEDALS**

**STAGE 79: BUILDING THE HEADLIGHTS**

**STAGE 76: FITTING THE GLOVE BOX,  
RADIO AND SWITCHES**

**STAGE 80: FITTING AND TESTING  
THE HEADLIGHTS**

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## Advice from the experts

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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 Corvette, 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.

# Stage 73: Fitting the Dashboard Panels and the Heater to the Firewall

In this stage you'll start to assemble the dashboard by fitting the side panels. You'll also install the heater on the firewall.



## STAGE 73 PARTS LIST

Name
Dashboard
Left side panel
Right side panel
Firewall brackets
Heater
Heater motor
Hose
EP screws x8
FP screws x3



# Stage 73: Fitting the Dashboard Panels and the Heater to the Firewall



Take the dashboard and the left side panel then align them as shown.



Fit the panel and secure with 2x EP screws.



Align the right side panel with the dashboard.



Fit and secure using 2x EP screws.

## Stage 73: Fitting the Dashboard Panels and the Heater to the Firewall

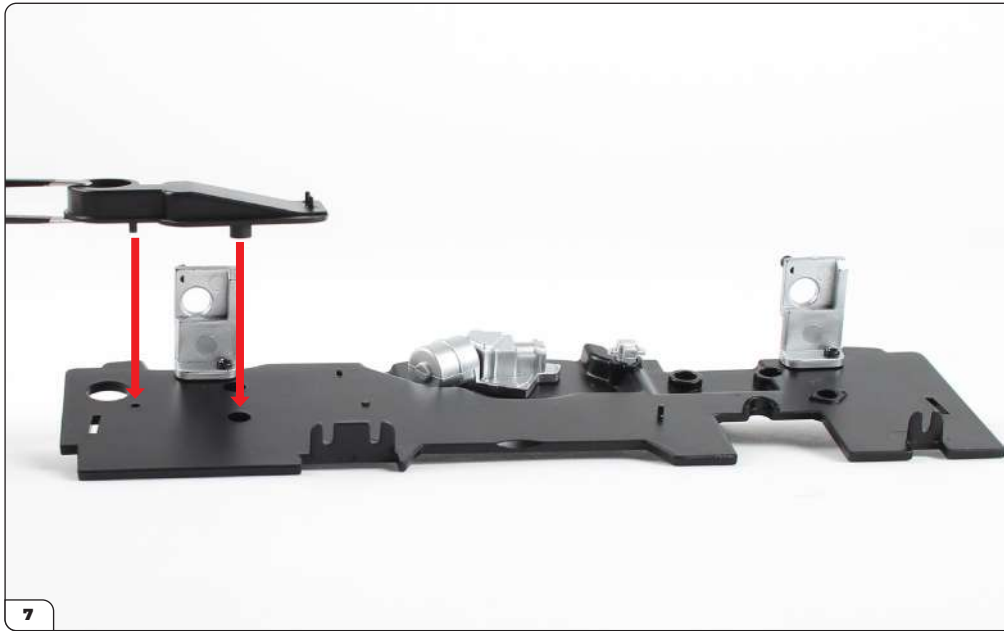


Take the two firewall brackets and align them as shown. Fit their pins (circled) into the holes in the dashboard.



Secure with 2x FP screws.

# Stage 73: Fitting the Dashboard Panels and the Heater to the Firewall



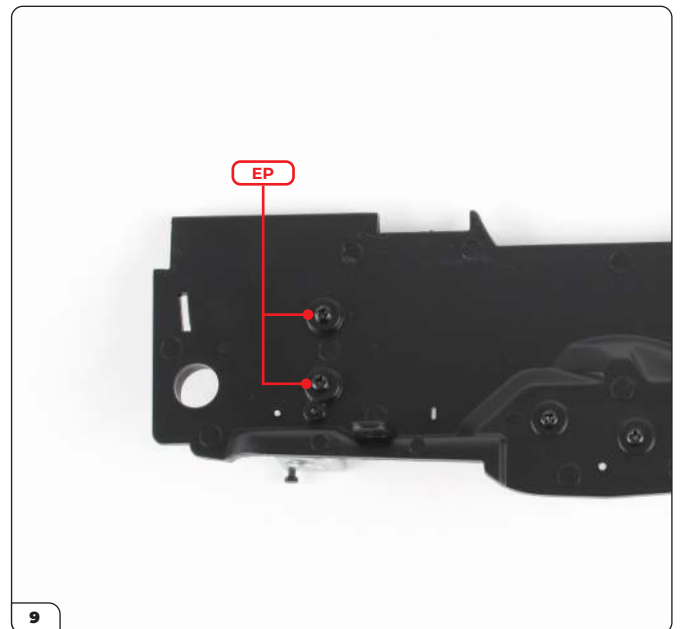
7

Retrieve the firewall assembly (from stage 72) and fit the heater in place as shown.



8

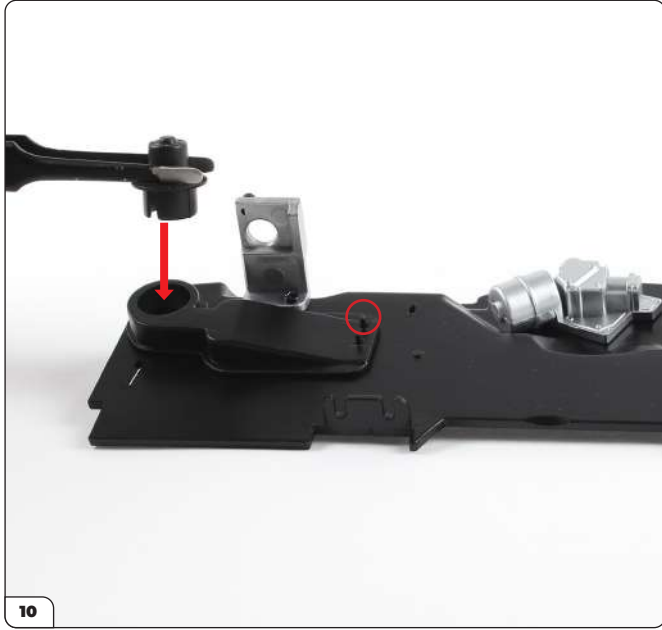
The heater should look like this when fitted.



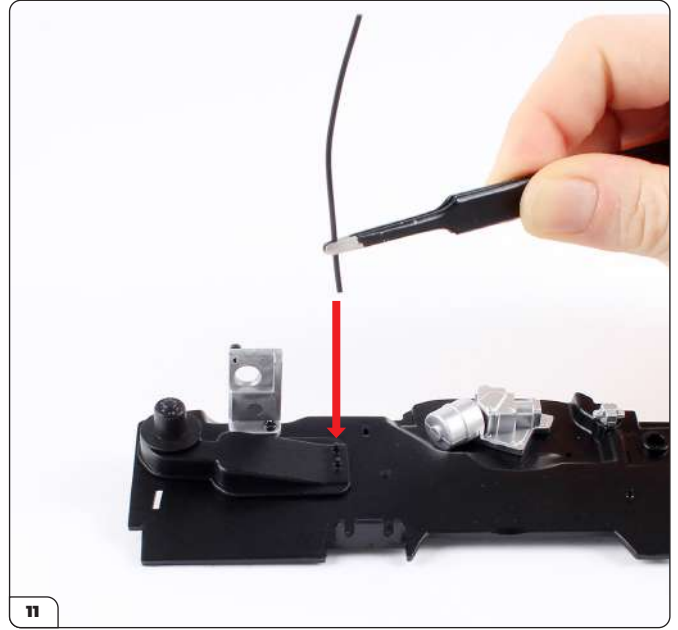
9

Turn the assembly over and secure with 2x EP screws.

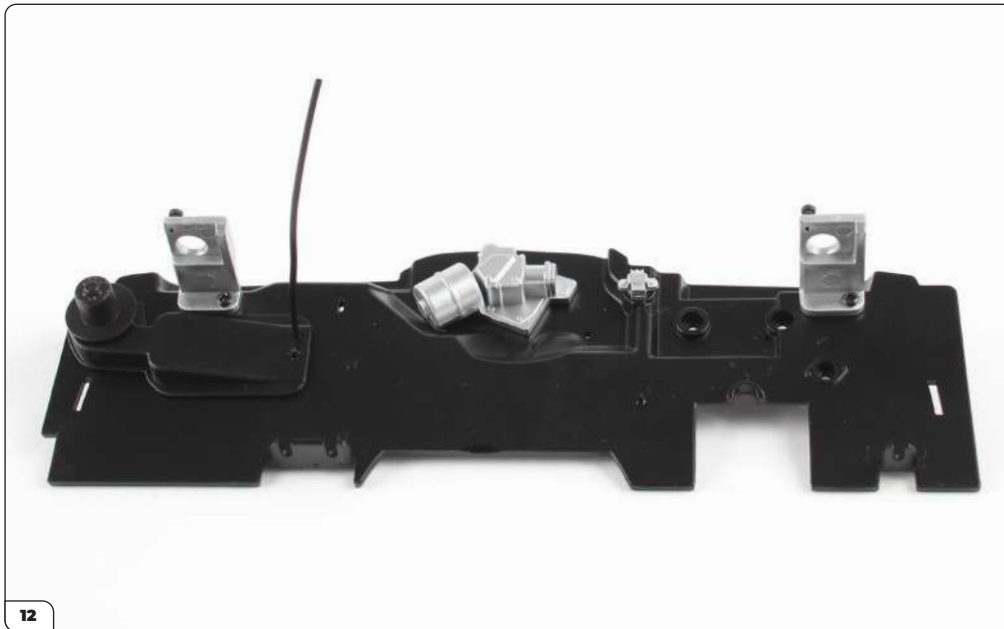
# Stage 73: Fitting the Dashboard Panels and the Heater to the Firewall



10 Turn the assembly back over and fit the heater motor into the large hole. Note the pin (circled) for the next step.



11 Fit the hose onto the pin.



12 The heater, motor and hose have been fitted onto the firewall.

## Stage 73: Fitting the Dashboard Panels and the Heater to the Firewall

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STAGE COMPLETE





# Stage 74: Building the Steering Wheel and the Brake Booster

In this stage you'll build the steering wheel and fit the brake booster to the firewall.

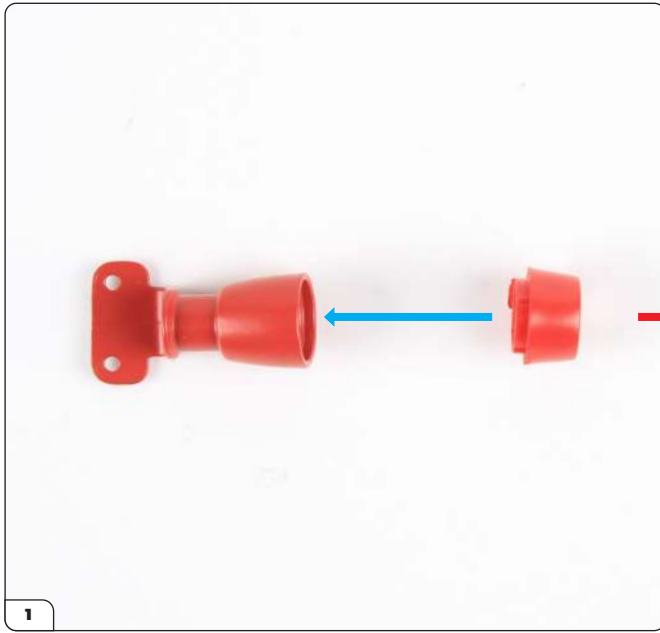


## STAGE 74 PARTS LIST

Name	Name
Steering wheel	Brake booster 1
Steering wheel button	Brake booster 2
Support	Brake booster bracket
Steering column	Hub
Lever	Emblem
Clutch pump	EP screws x5
Filter	FM screws x2



# Stage 74: Building the Steering Wheel and the Brake Booster



Take the support and hub and press the parts together firmly as shown.



Align the steering column with the assembly then fit it through the support and hub.

## Stage 74: Building the Steering Wheel and the Brake Booster



Take the steering wheel and fit its shaped hole onto the end of the column.



Secure the wheel with an FM screw.



Press the steering wheel button into the centre of the wheel to cover the screw.

## Stage 74: Building the Steering Wheel and the Brake Booster



Carefully peel the emblem sticker from its backing then press it onto the button in the orientation shown (inset).



Locate the shaped hole in the support.



Push the shaped end of the lever (inset) into the hole.



The steering wheel has been assembled.

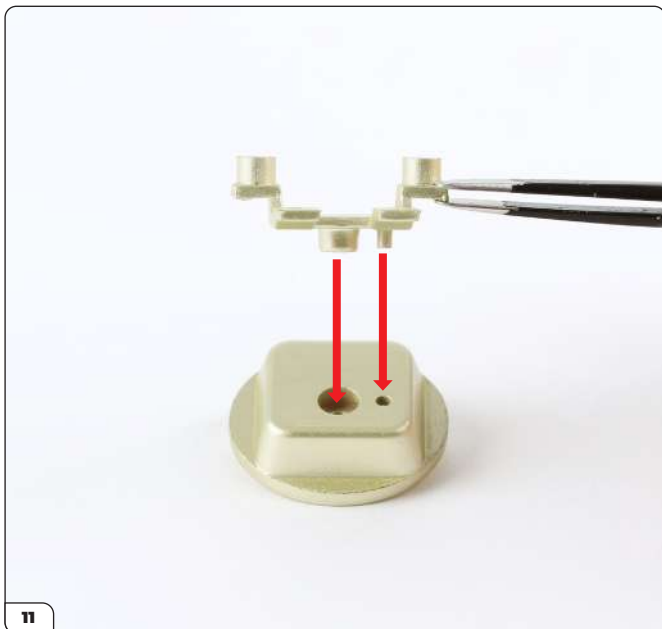
# Stage 74: Building the Steering Wheel and the Brake Booster



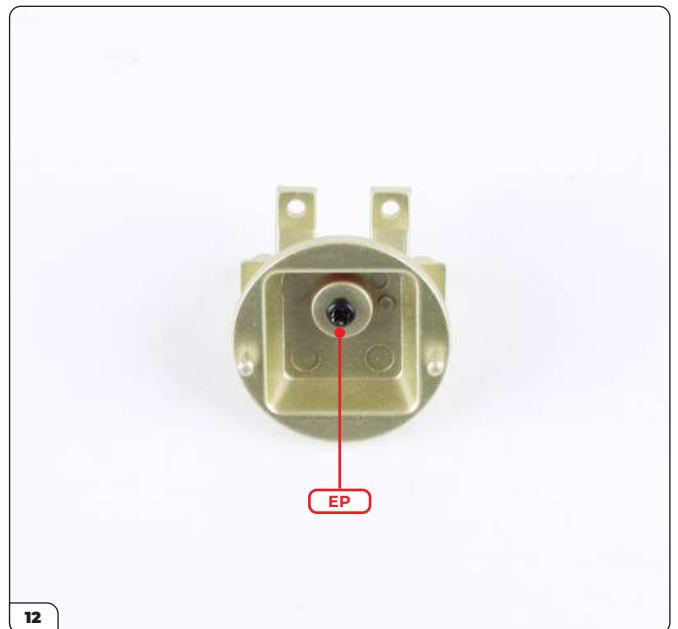
Fit the clutch pump to brake booster 1 using the shaped screw hole (circled).



Secure from the inside with an EP screw.



Fit the brake booster bracket to brake booster 2.



Secure from the inside with an EP screw.

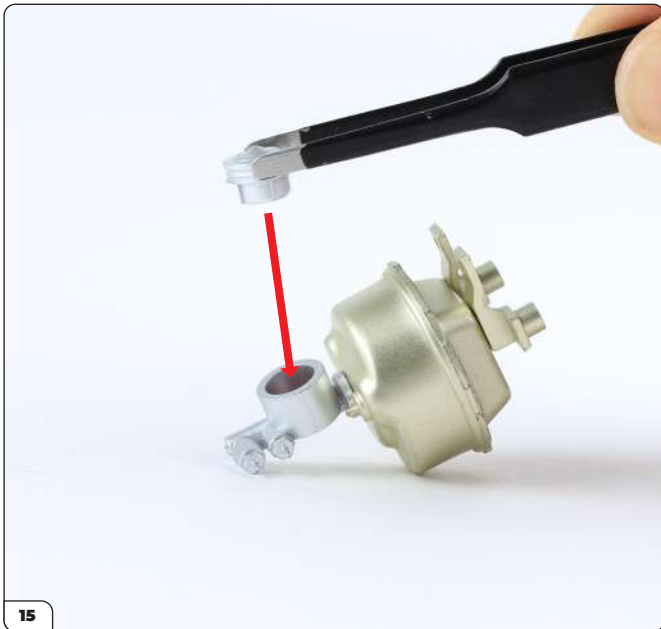
# Stage 74: Building the Steering Wheel and the Brake Booster



Press the pins on brake booster 2 into the holes on part 1.



The pins and holes are positioned so that the parts only fit together one way.

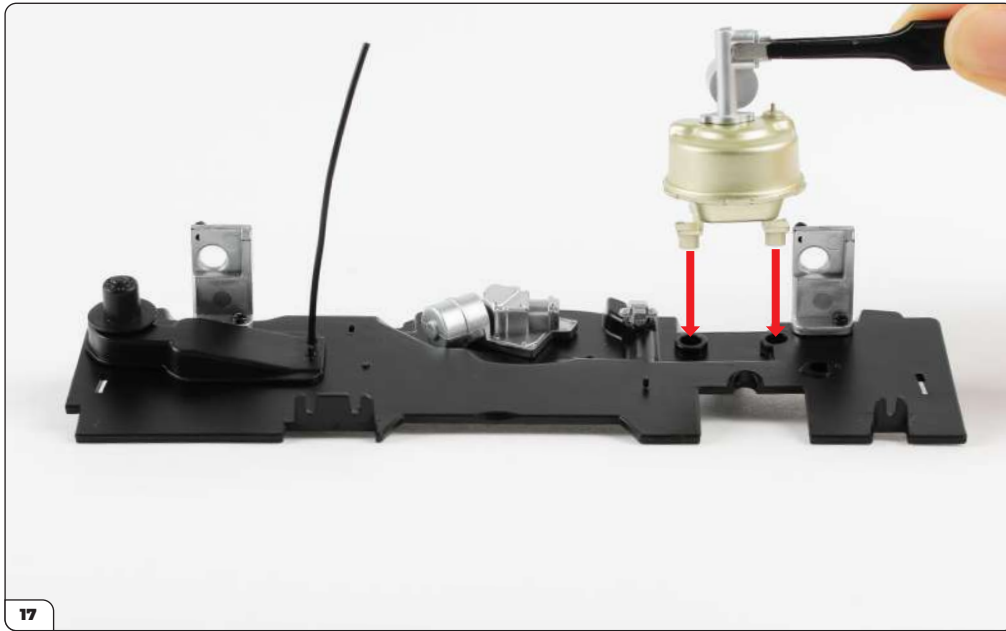


Press the filter into the clutch pump.



The brake booster has been assembled.

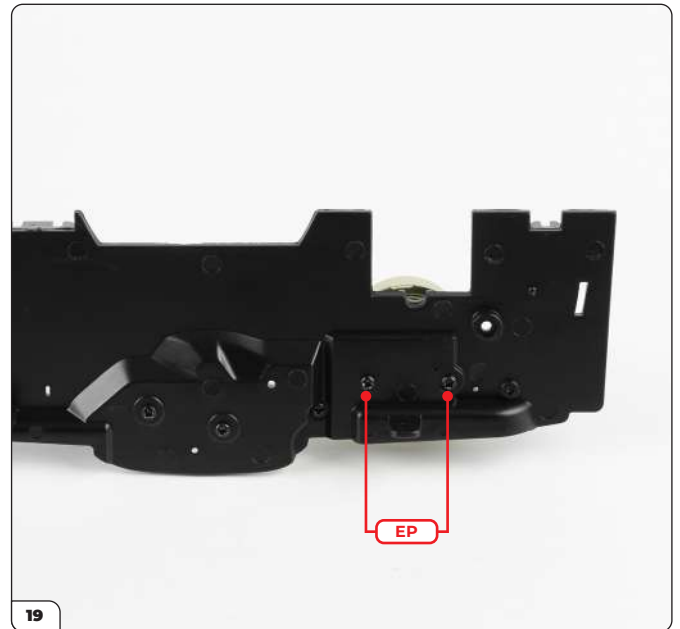
# Stage 74: Building the Steering Wheel and the Brake Booster



Retrieve the firewall assembly (stage 73) and align the brake booster with it as shown.



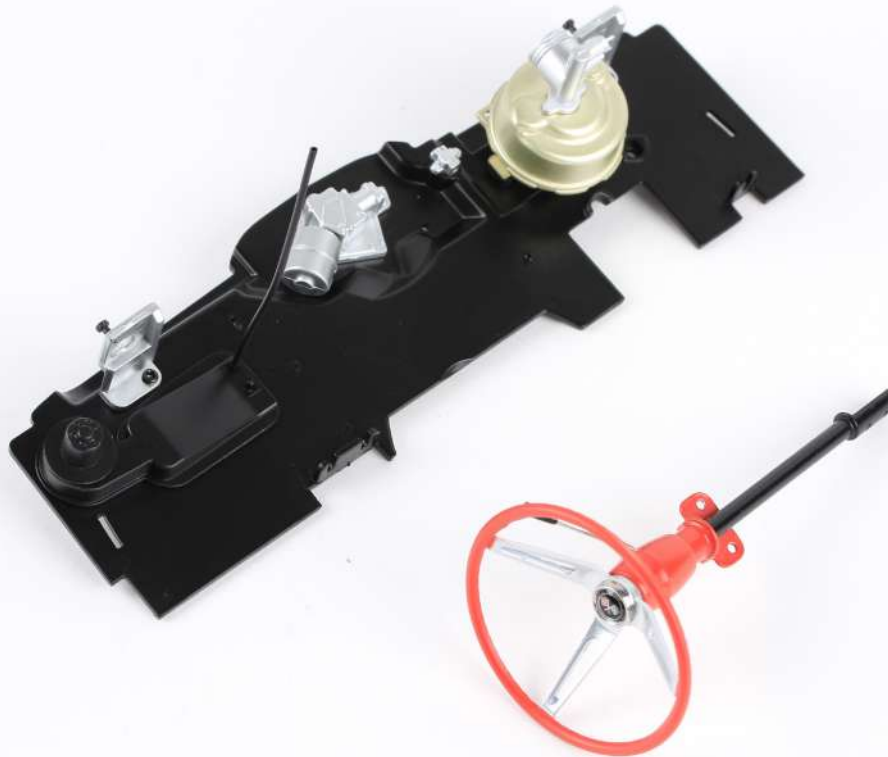
Fit the brake booster in place.



Secure from underneath with 2x EP screws.

## Stage 74: Building the Steering Wheel and the Brake Booster

STAGE COMPLETE





# Stage 75: Building the Dashboard and Foot Pedals

You'll continue to build the dashboard by assembling the clock, fitting the frame and attaching the center panels.

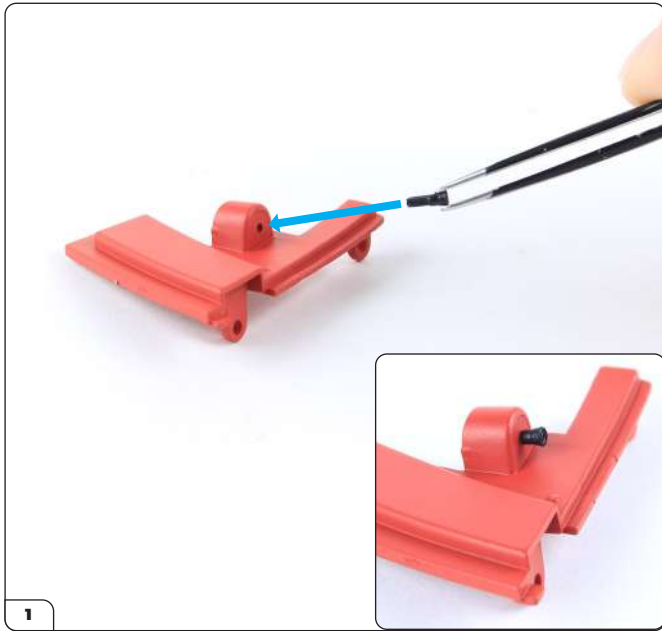


## STAGE 75 PARTS LIST

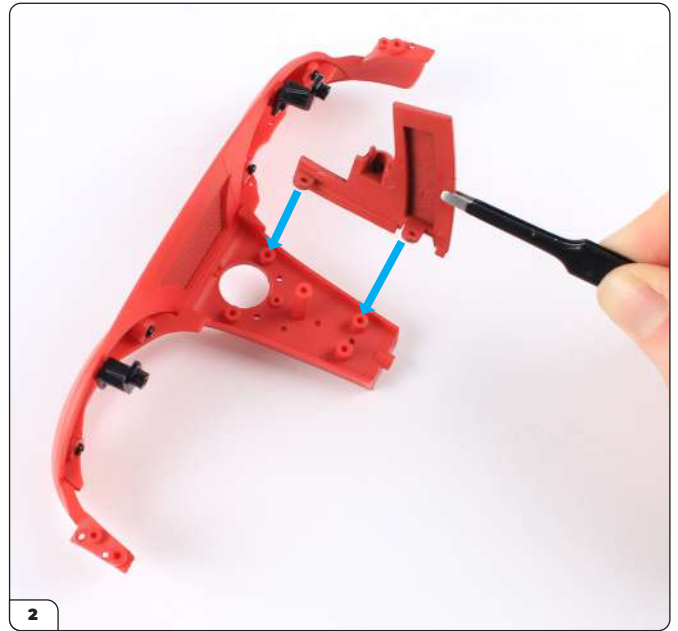
Name	Name
Center side panel (L)	Chrome ring
Center side panel (R)	Clock lens
Cigarette lighter	Clock reflector
Frame	Hose (43mm)
Foot pedal linkage	Hose (35mm)
Clutch pedal (L)	EP screws x9
Brake pedal (R)	AP screws x3



## Stage 75: Building the Dashboard and Foot Pedals



1  
Take the left center side panel (marked 'L') and push the cigarette lighter into the hole.



2  
Retrieve the dashboard assembly (stage 73) and align the left panel with it as shown.



3  
Secure in place with 2x EP screws.



4  
Fit the right panel in the same way.

## Stage 75: Building the Dashboard and Foot Pedals



Secure with 2x EP screws.



Fit the clock lens face-down into the chrome ring by pressing the tab into the opening.



Orient the clock as shown (inset) and align it with the large hole in the dashboard.

## Stage 75: Building the Dashboard and Foot Pedals



Once you're happy with the alignment, press the clock firmly into place.



Fit the clock reflector onto the back of the dashboard.

## Stage 75: Building the Dashboard and Foot Pedals



Secure in place with an EP screw.



Align the frame with the assembly as shown.

## Stage 75: Building the Dashboard and Foot Pedals



Secure with 2x EP screws.



Take the clutch pedal (marked 'L', circled) and align it with the foot pedal linkage.



Position the clutch pedal onto the shaped screw hole then fix in place using an AP screw.

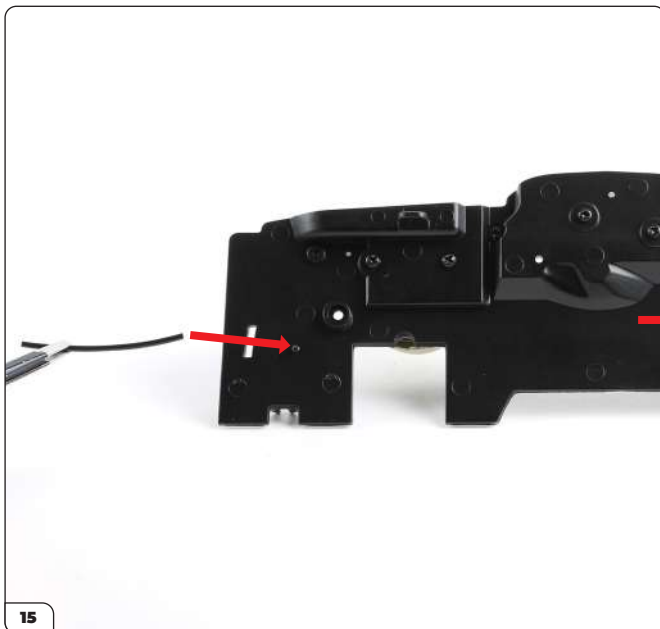
## Stage 75: Building the Dashboard and Foot Pedals



Position the brake pedal (marked 'R', circled) onto the shaped screw hole on the other side.



Secure with an AP screw.



Retrieve the firewall assembly (stage 74) and fit the 35mm hose onto the pin.

## Stage 75: Building the Dashboard and Foot Pedals



Retrieve the cockpit assembly (stage 71) and fit the 43mm hose onto the pin.

**STAGE COMPLETE**





# Stage 76: Fitting the Glove Box, Radio and Switches

In this stage you'll build the glove box and fit the switches and radio to the dashboard.



## STAGE 76 PARTS LIST

Name	Name
Dashboard switch x4	Lid joint
Radio	Bracket
Glove box lid	AP screws x4
Glove box cover	BP screws x3
Handle	FP screws x4
Glove box interior	



## Stage 76: Fitting the Glove Box, Radio and Switches



Take the glove box lid and align it with the lid joint then fit the parts together as shown.

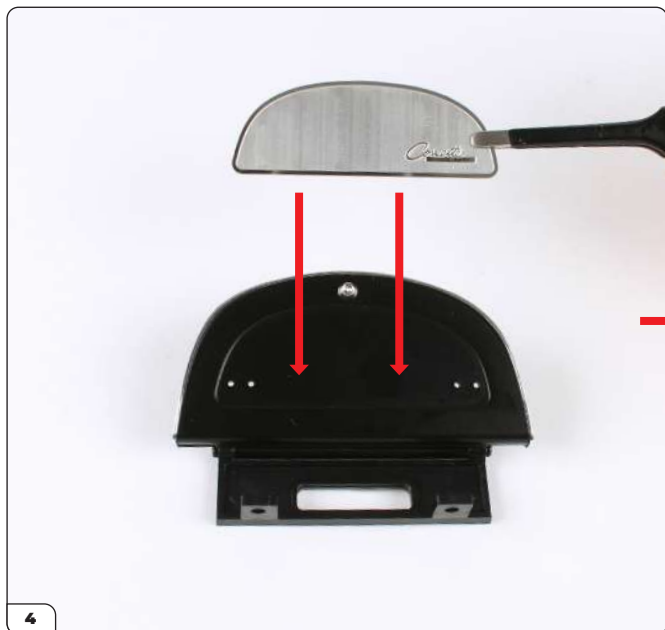


Secure using 2x BP screws.



Press the handle into the hole in the lid.

## Stage 76: Fitting the Glove Box, Radio and Switches



Peel the backing paper from the glove box cover then stick it into the recess. Press firmly in place.



Retrieve the dashboard assembly (stage 75) and align the glove box interior with it as shown.



Position the interior on the dashboard.

## Stage 76: Fitting the Glove Box, Radio and Switches



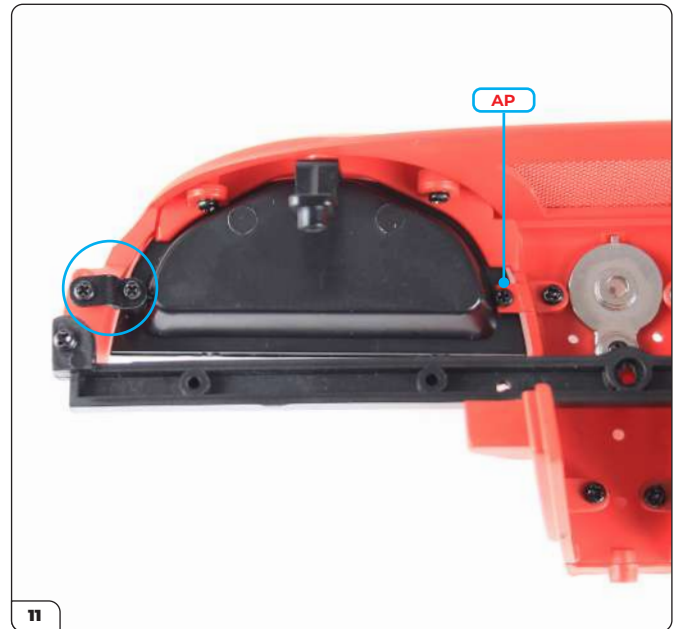
Holding the interior in place, turn the assembly around and position the bracket over the screw holes.



Drive 2x AP screws into the bracket. Don't fully tighten the screws yet.



Adjust the glove box interior until the screw hole aligns with the tab (circled).



Drive in another AP screw to secure. You can adjust the position of the interior once the lid has been fitted (see step 15) then tighten the screws in the bracket (circled).

## Stage 76: Fitting the Glove Box, Radio and Switches



Push the lid through the opening.



Align the screw holes in the lid joint and the frame (circled).



Fix the lid joint to the frame with 2x FP screws.



Close the lid over the interior. Adjust the position of the interior if necessary.

## Stage 76: Fitting the Glove Box, Radio and Switches



Drive an FP screw into the middle of the frame. To hold the side panels securely you can apply a small drop of superglue to the pins (circled).

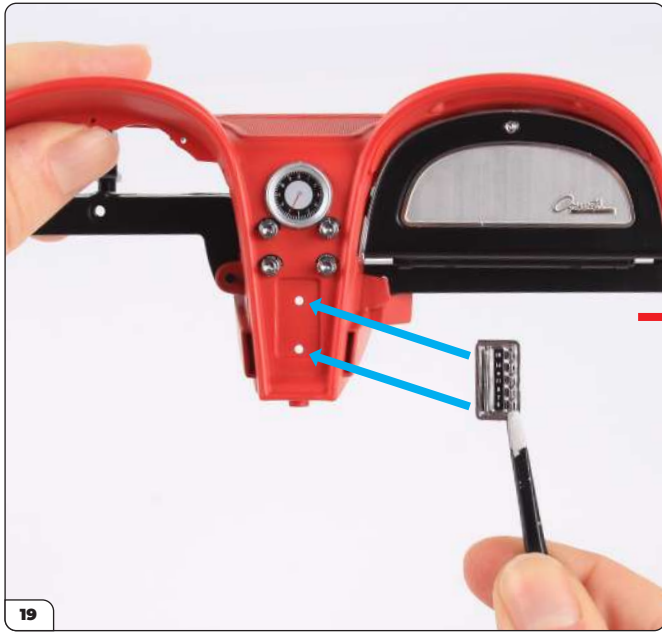


Take one of the dashboard switches and press it into the dashboard.



Repeat for the other three switches.

## Stage 76: Fitting the Glove Box, Radio and Switches



Fit the radio switch into the recess beneath the switches.



# Stage 77: Building the Instrument Panel and Fitting the Dashboard and Firewall

After assembling the instrument panel, you'll install it on the dashboard then fit the firewall, steering wheel, pedals and dashboard to the cockpit floor.



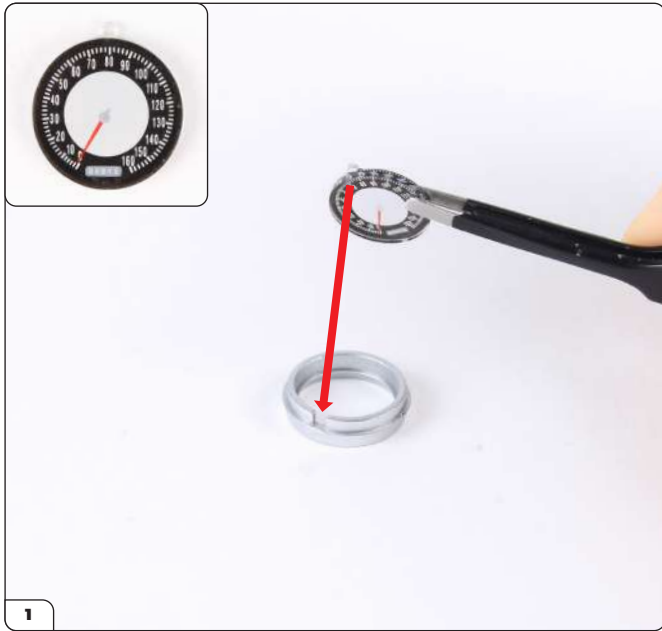
## STAGE 77 PARTS LIST

Name	Name
Instrument panel	Handbrake bracket (R)
Instrument panel trim	Handbrake lever
Large gauge trim x2	Hood release bracket (L)
Speedometer	Hood release lever
Tachometer	Hood latch
Small gauge trim x4	Adhesive tape
Oil gauge	AM screws x3
Temp gauge	AP screws x5
Fuel gauge	BP screws x6
Battery gauge	FP screws x4
Button x2	SP screws x4
Wiper button	TP screws x2
Ignition switch	UP screws x4
Headlights switch	





# Stage 77: Building the Instrument Panel and Fitting the Dashboard and Firewall



Take the speedometer (inset) and press it face-down into a large gauge trim by pressing the tab into the opening.



Align it with the instrument panel then press in place.



Fit the tachometer (inset) face-down into the remaining large trim in the same way.



Align it as shown then press into place.

# Stage 77: Building the Instrument Panel and Fitting the Dashboard and Firewall



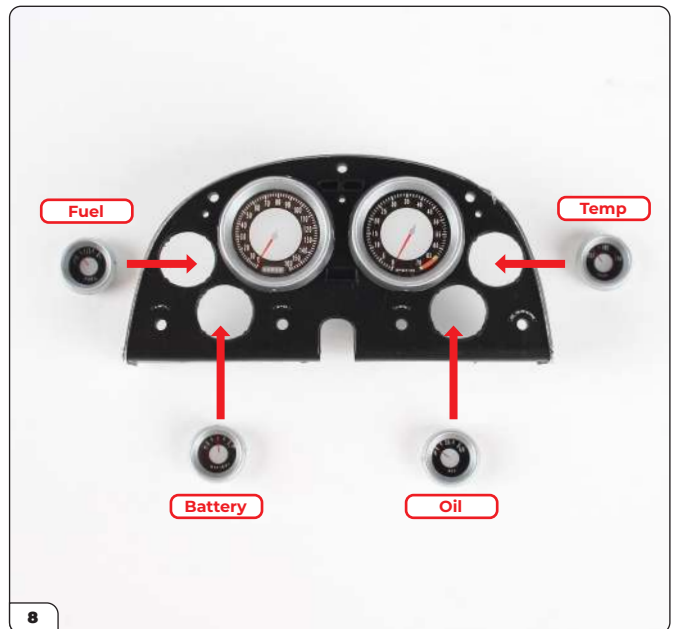
The speedometer and tachometer have been fitted. Next you'll fit the small gauge instruments.



Take one of the smaller gauges and fit it into a small trim.



Repeat for the other three small instruments. Note the labelling on the faces for fitting them in the next steps.



Align them with the instrument panel as shown.

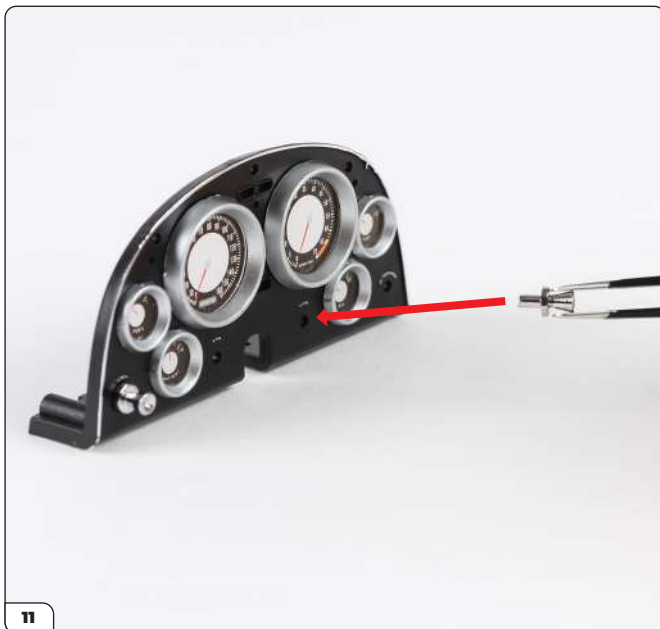
# Stage 77: Building the Instrument Panel and Fitting the Dashboard and Firewall



Fit the small instruments in place.



Take one of the buttons (inset) and press it into the hole on the left of the instrument panel.



Fit the other button into the third hole from the left.



Take the wiper button (inset) and fit it into the second hole from the left.

## Stage 77: Building the Instrument Panel and Fitting the Dashboard and Firewall



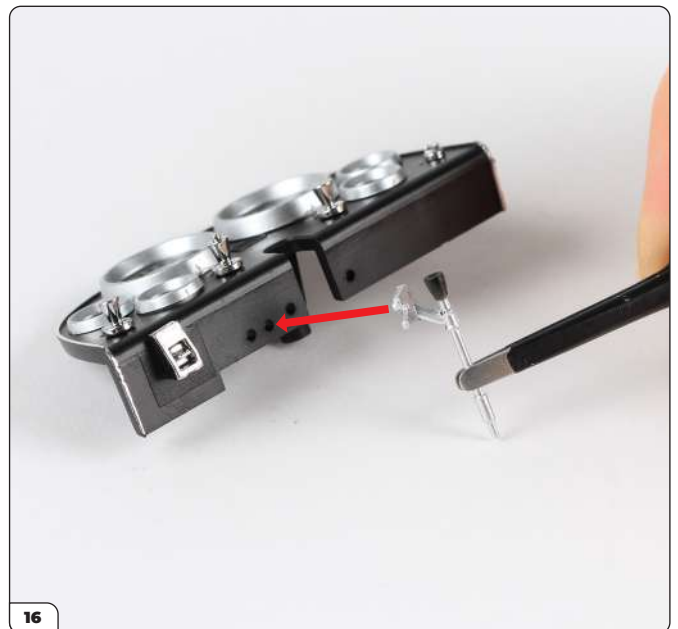
Fit the ignition switch (inset) into the last hole.



The instrument panel should now look like this.

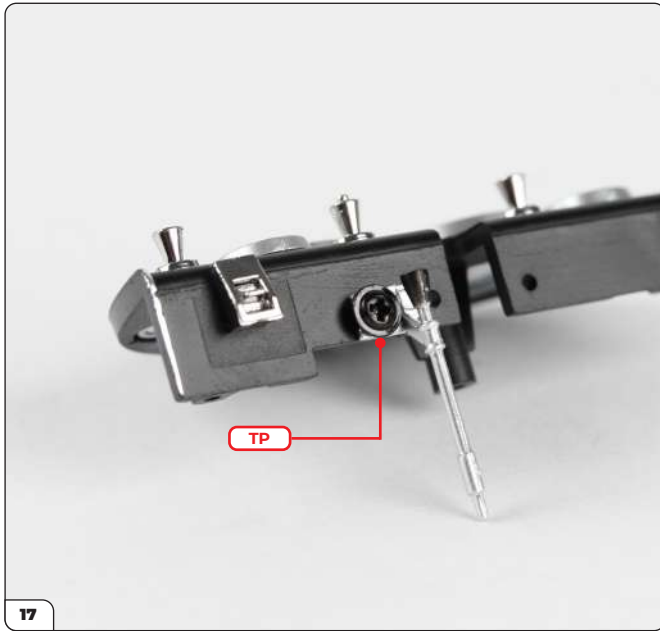


Press the headlights switch into the shaped hole on the bottom of the instrument panel.



Align the hood latch with the panel and press its pin into the indicated hole.

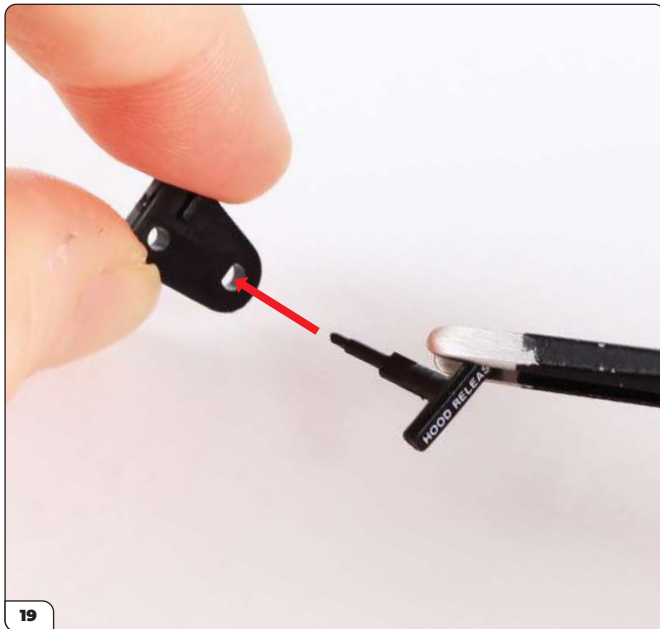
# Stage 77: Building the Instrument Panel and Fitting the Dashboard and Firewall



Fix in place with a TP screw.



Next take the hood release lever and its bracket (marked 'L', circled).



Align the parts as shown then fit the lever to the bracket using the shaped hole.



Note the tab on the bracket (circled).

## Stage 77: Building the Instrument Panel and Fitting the Dashboard and Firewall



Fit the tab to the recess on the instrument panel and align the screw holes.



Secure with a BP screw.

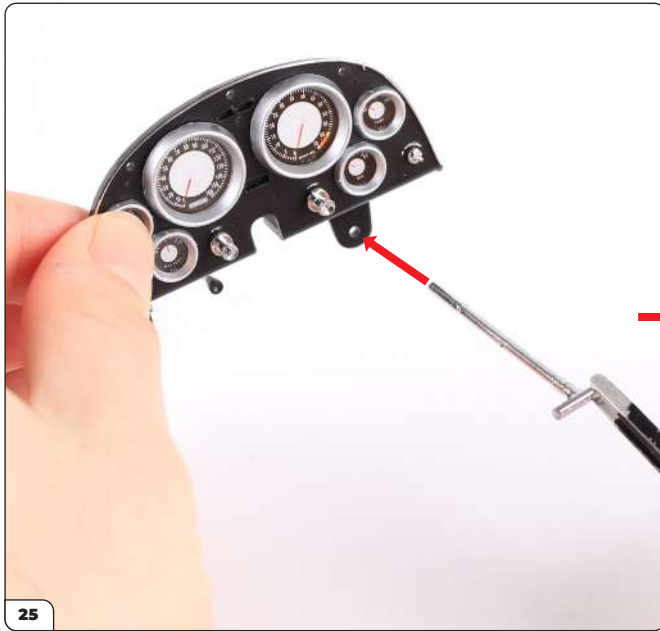


Position the handbrake bracket (marked 'R') in the same way.

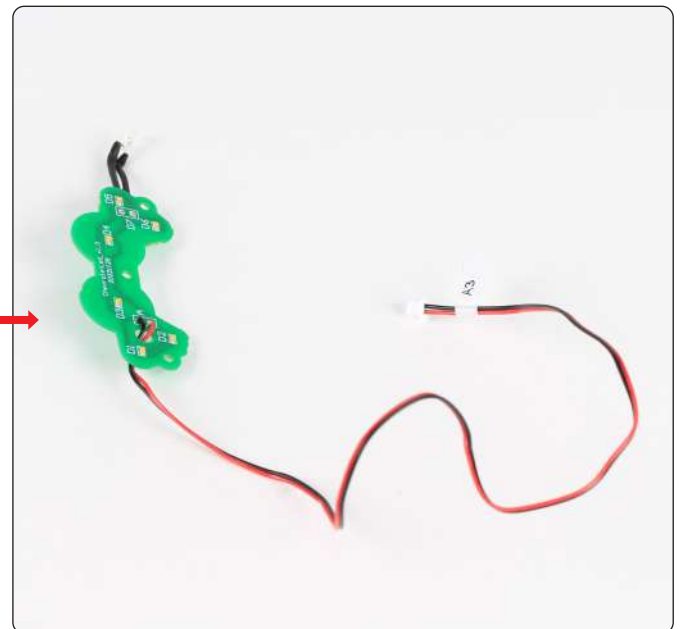
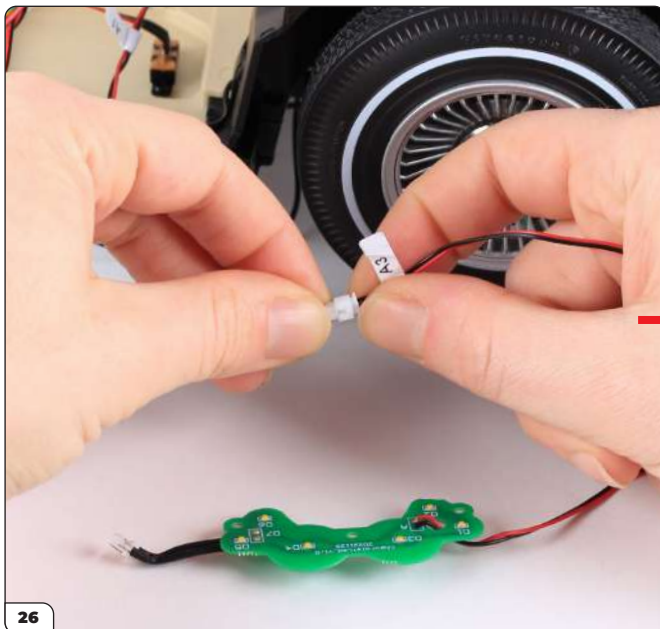


Secure with a BP screw.

## Stage 77: Building the Instrument Panel and Fitting the Dashboard and Firewall

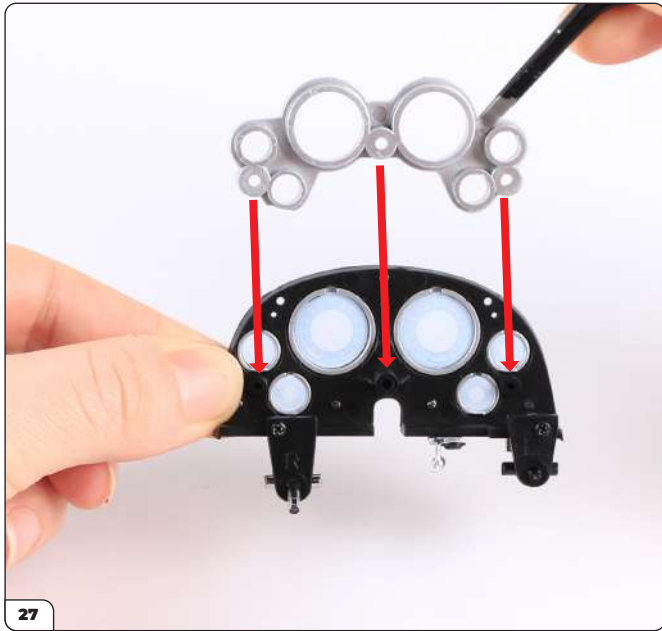


Insert the handbrake bar into the bracket. Check that the text is the right way round as shown.

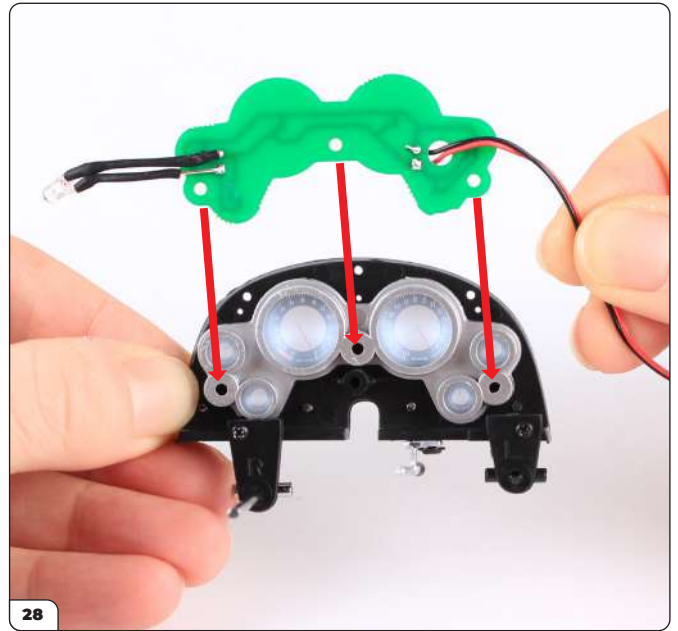


Retrieve the main assembly and carefully disconnect LED cable 'A3' from its extension cable.

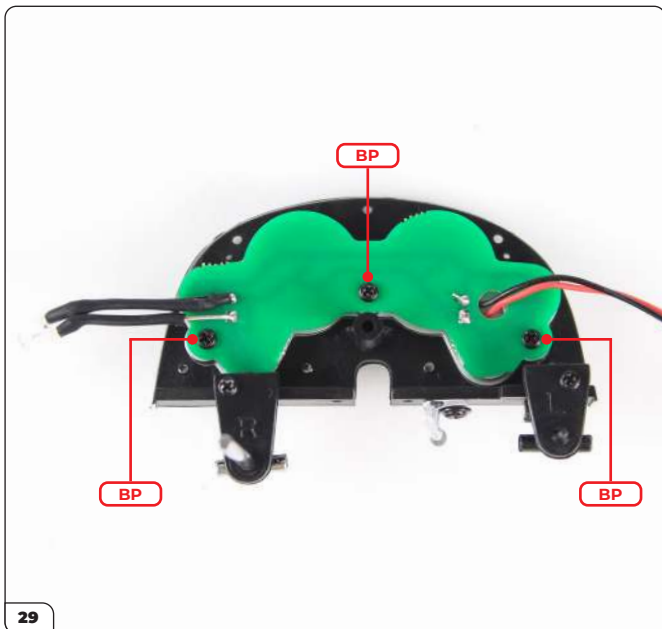
## Stage 77: Building the Instrument Panel and Fitting the Dashboard and Firewall



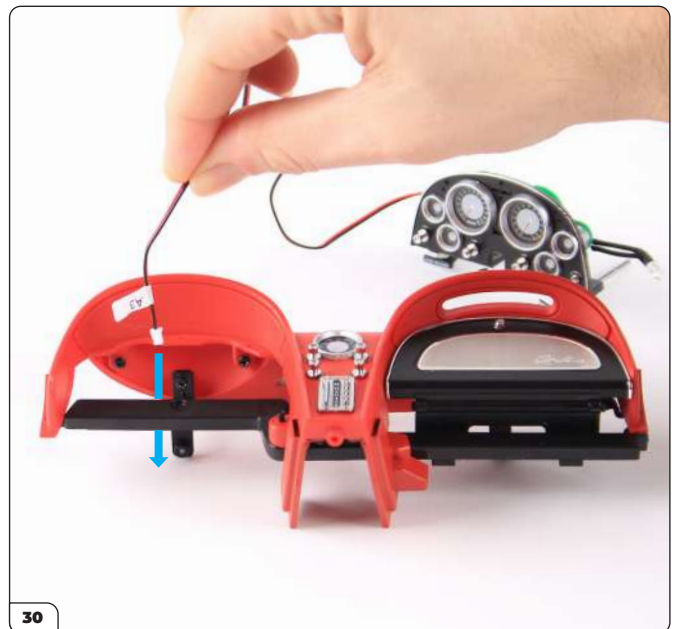
Align the instrument panel trim as shown then fit onto the three screw columns.



Align LED cable 'A3' with the trim and carefully place it over the top.



Secure the parts using 3x BP screws.



Take the dashboard assembly (stage 76) and thread the plug of LED cable 'A3' through the gap between the frame and the panel as shown.



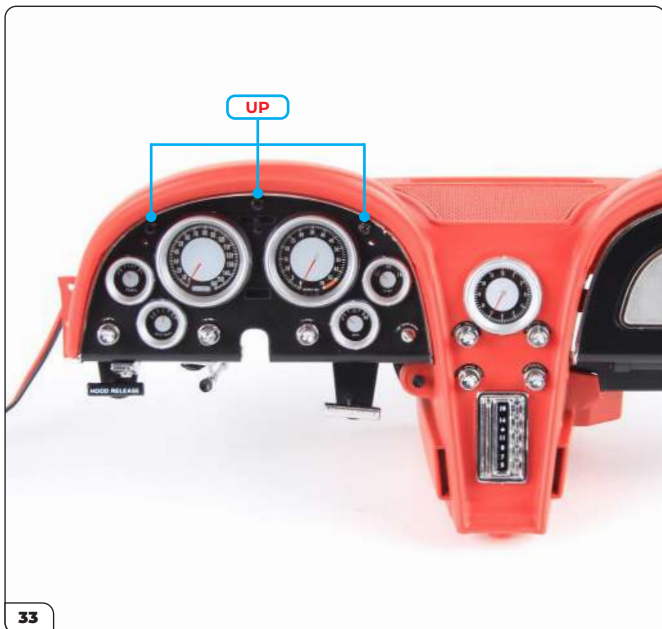
## Stage 77: Building the Instrument Panel and Fitting the Dashboard and Firewall



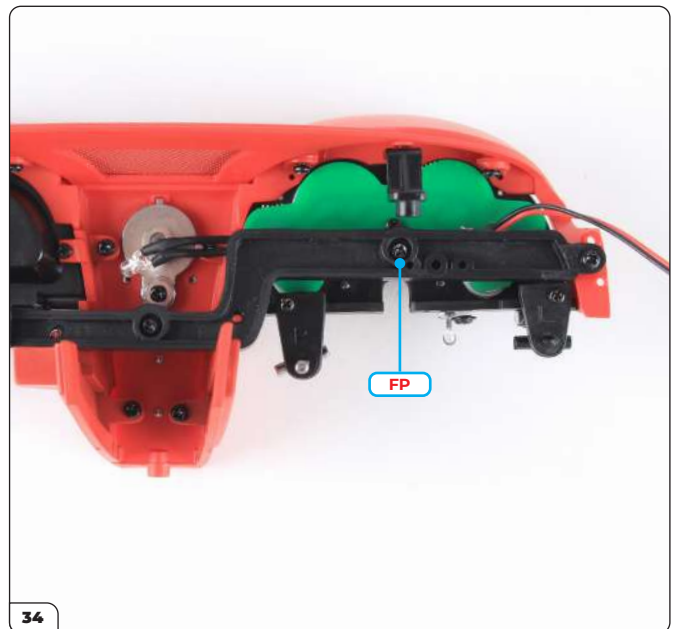
Fit the LED bulb underneath the dashboard centre section.



Position the instrument panel on the dashboard as shown.



Secure with 3x UP screws.

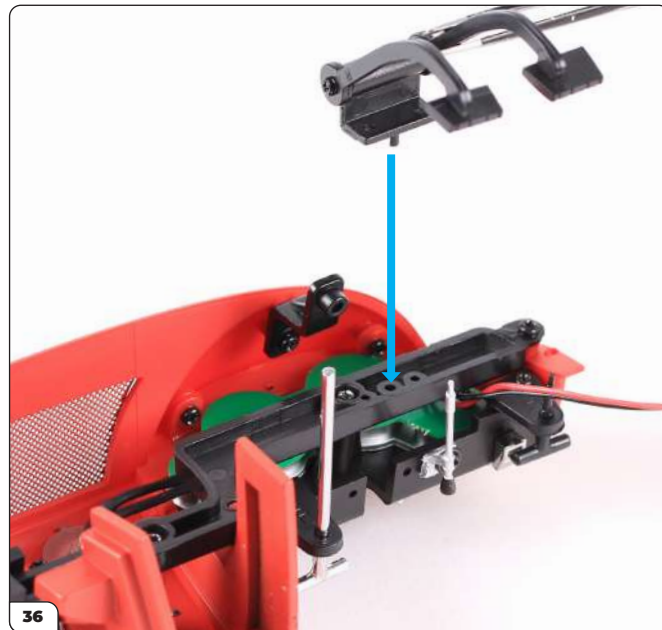


Hold the instrument panel in place then turn the assembly over and secure with an FP screw.

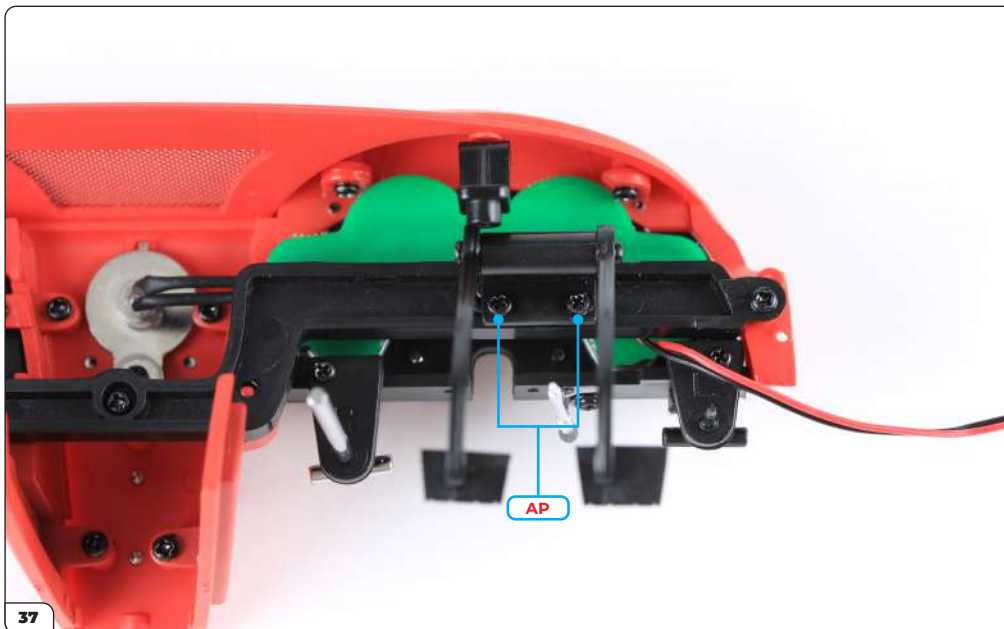
## Stage 77: Building the Instrument Panel and Fitting the Dashboard and Firewall



35 Push the LED bulb into the clock reflector.



36 Take the pedal assembly (stage 75) and fit its pin into the frame.

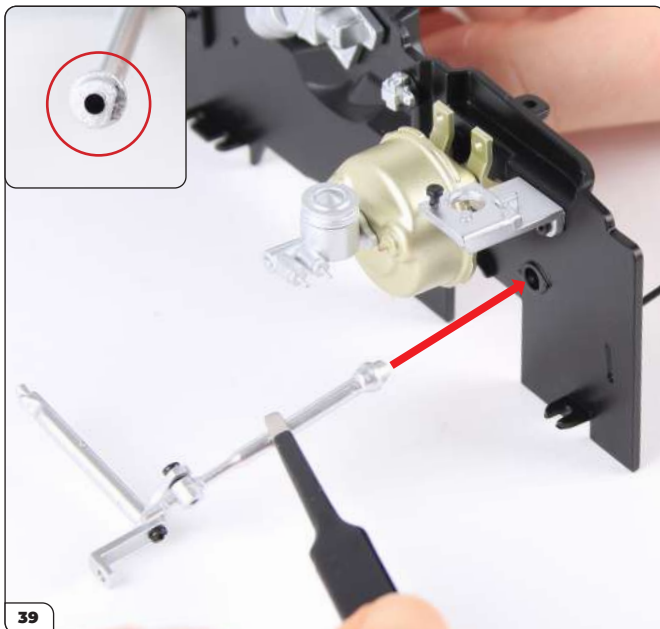


37 Secure with 2x AP screws.

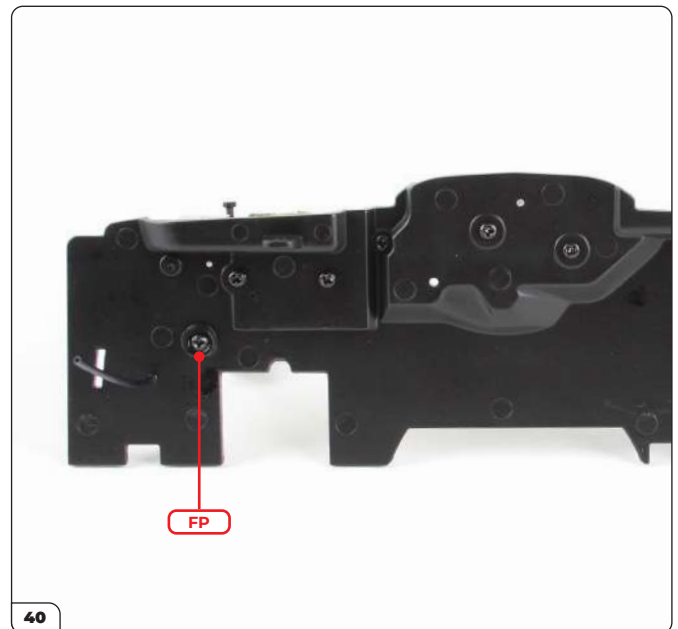
## Stage 77: Building the Instrument Panel and Fitting the Dashboard and Firewall



Position the wire and stick it to the glovebox interior using the adhesive tape as shown.

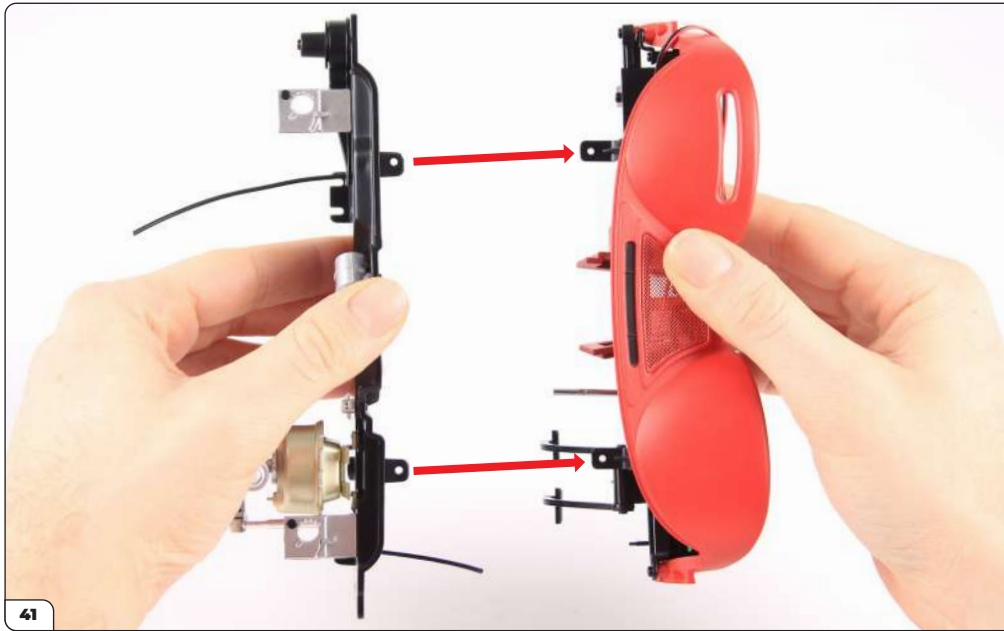


Take the clutch bellcrank assembly (stage 72) and fit the shaped plug (circled) into the hole in the firewall (stage 75).

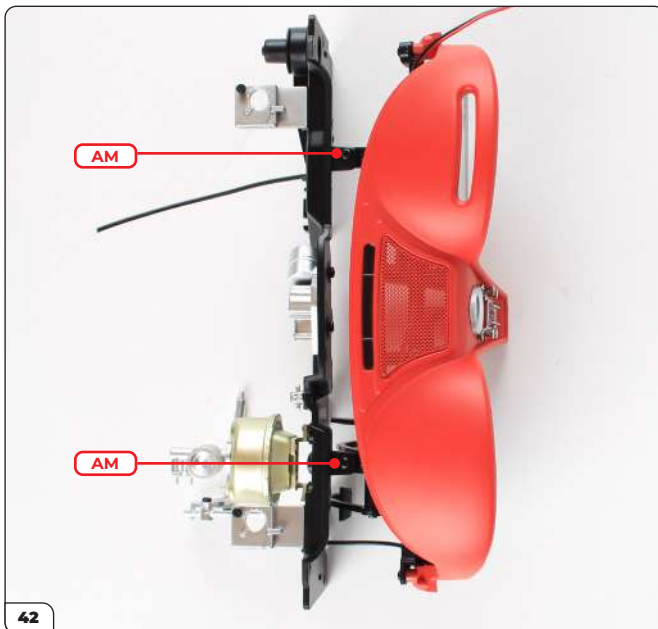


Secure from the other side using an FP screw.

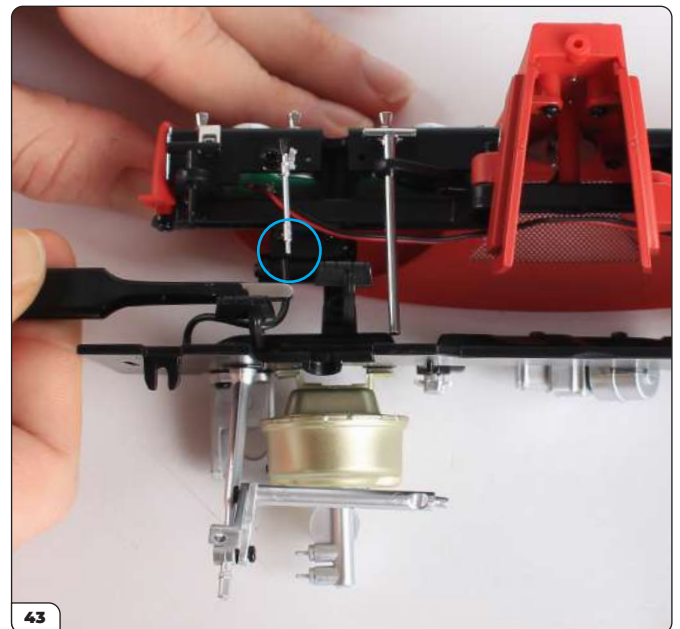
## Stage 77: Building the Instrument Panel and Fitting the Dashboard and Firewall



Align the firewall and dashboard assemblies as shown, then fit the firewall tabs onto the brackets.



Secure with 2x AM screws.

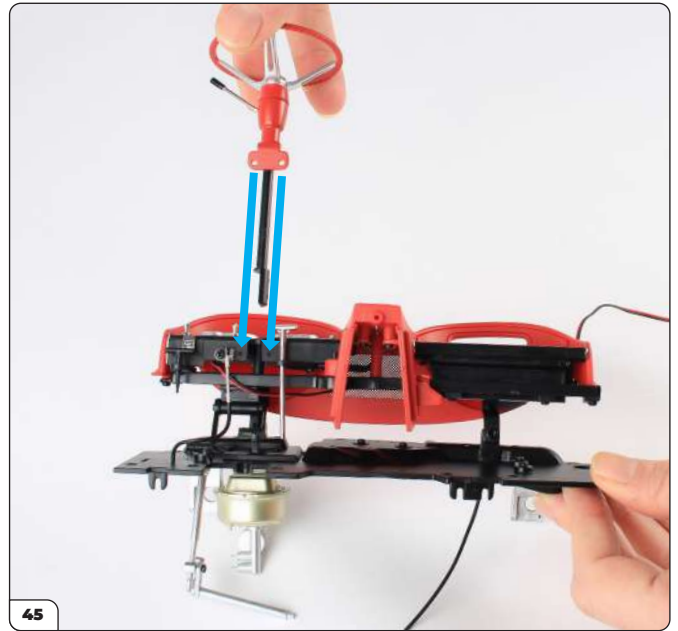


Turn the assembly upside down and plug the hose from the firewall onto the hood latch.

## Stage 77: Building the Instrument Panel and Fitting the Dashboard and Firewall



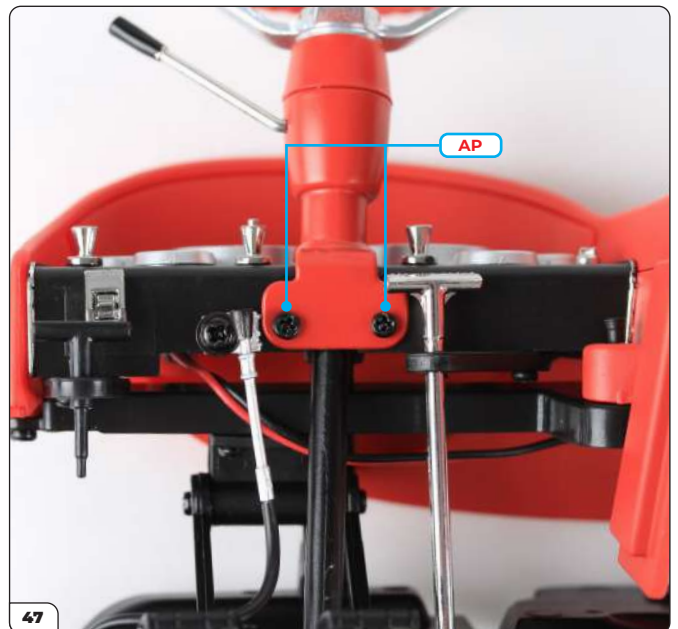
This image shows the hose plugged onto the hood latch.



Take the steering wheel assembly (stage 74) and position the support over the two screw holes in the instrument panel.

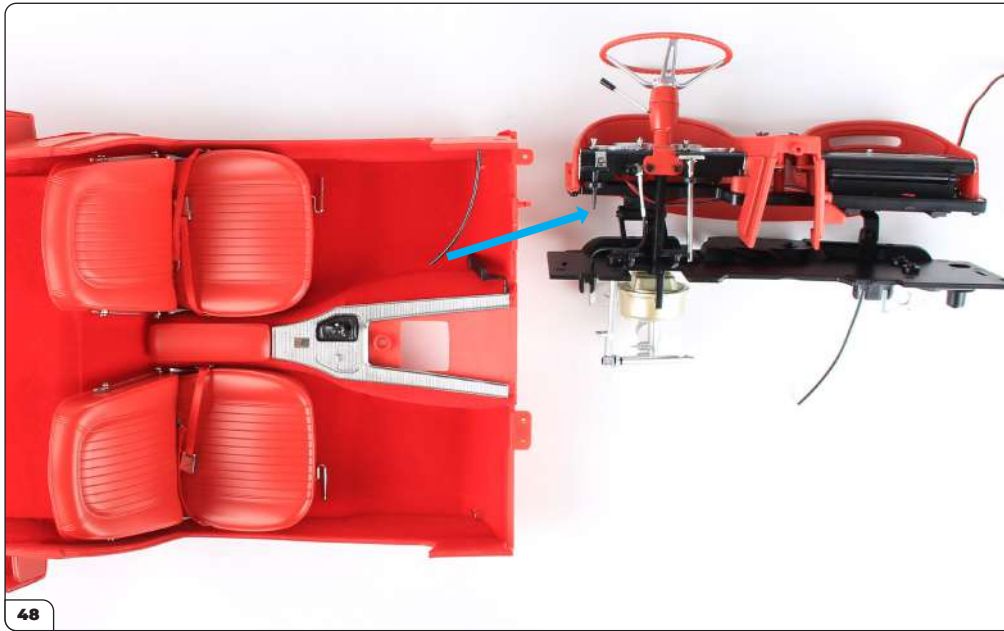


Fit the steering shaft into the recess on the firewall (inset).

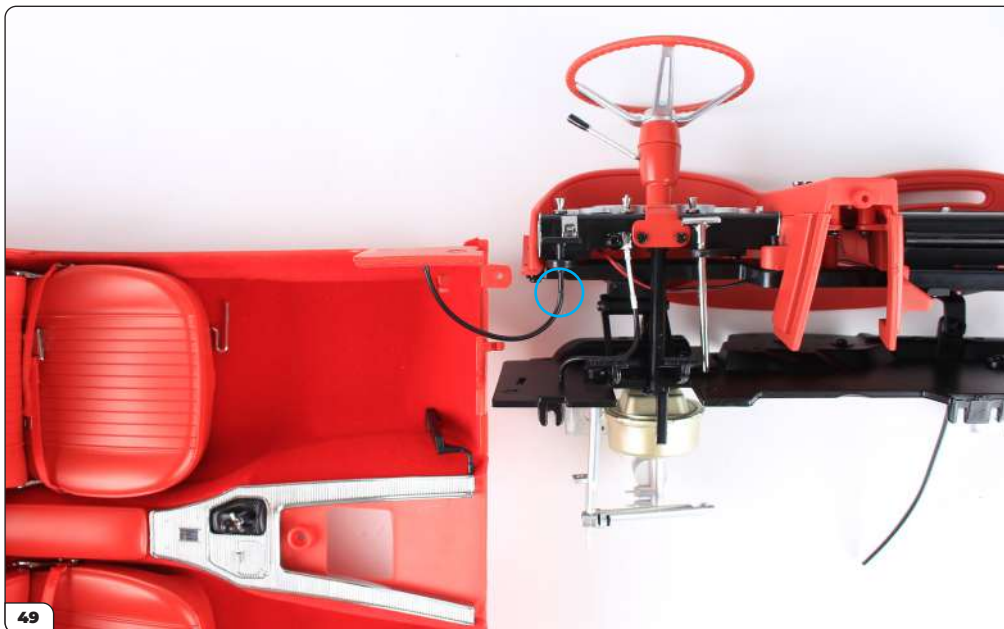


Secure the support with 2x AP screws. Check the steering wheel moves freely.

## Stage 77: Building the Instrument Panel and Fitting the Dashboard and Firewall

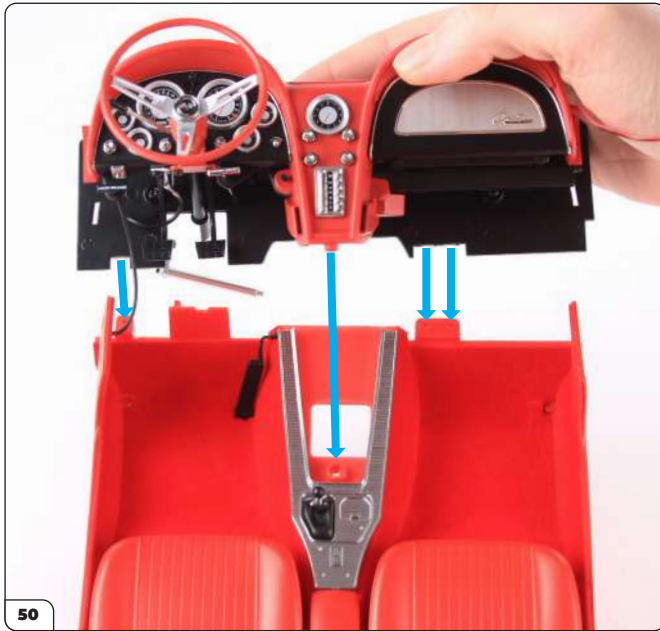


Retrieve the cockpit floor assembly. The hose in the driver's footwell connects with the handbrake lever.



Plug the hose onto the lever. You may want to apply super glue to the pins to stop the hose from disconnecting during the next steps.

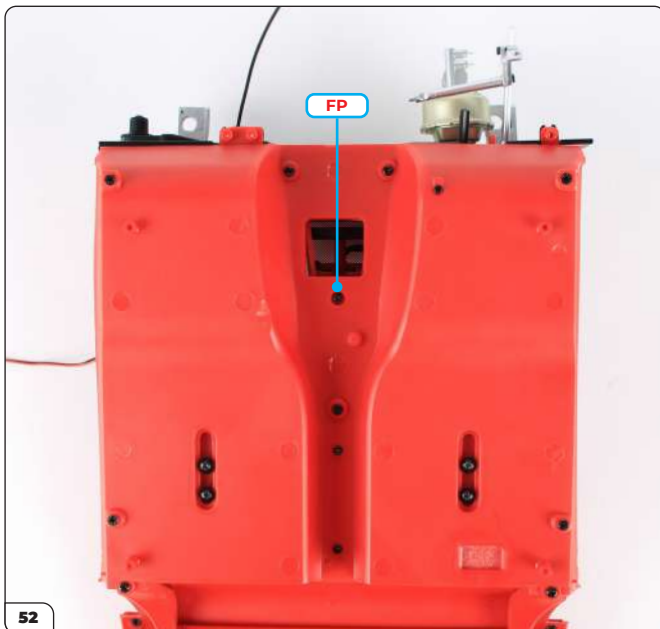
## Stage 77: Building the Instrument Panel and Fitting the Dashboard and Firewall



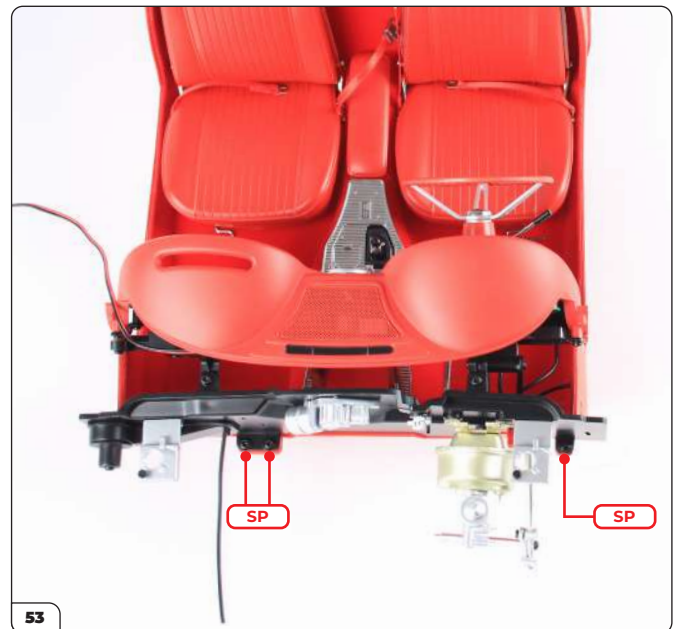
Align the dashboard with the cockpit floor as shown.



Fit the dashboard in place.



Turn the assembly over and secure the centre panel with an FP screw.



Turn the assembly upright and secure the firewall to the cockpit with 3x SP screws.

## Stage 77: Building the Instrument Panel and Fitting the Dashboard and Firewall

STAGE COMPLETE





## Stage 78: Installing the Headlight Switches

In this stage you'll install the switches that control the rotation of the headlights.



### STAGE 78 PARTS LIST

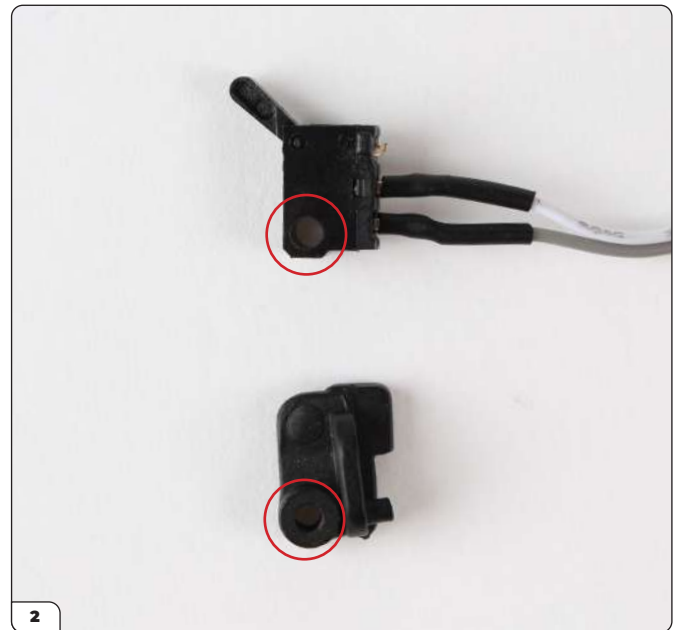
Name
Front body
Switch mount A
Switch mount B
Switches
Switch extension
Adhesive tape (large)
Adhesive tape (small)
DM screws x3
UM screws x3



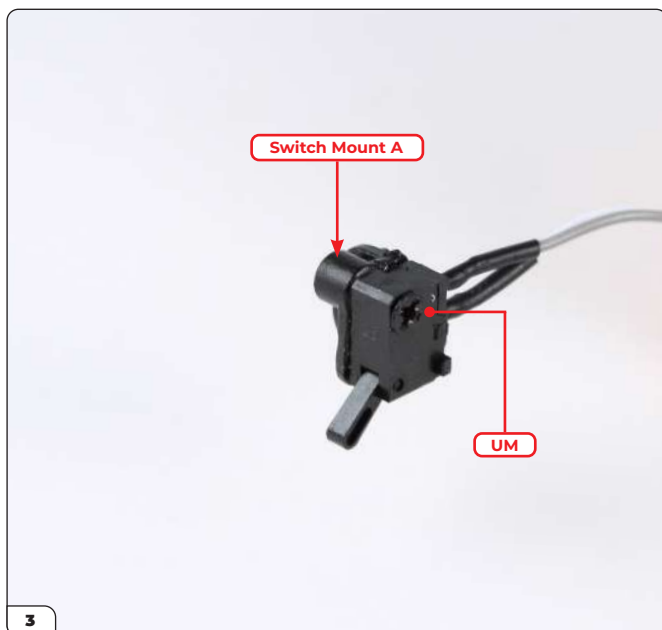
## Stage 78: Installing the Headlight Switches



Take the two switch mounts and orient them as shown to identify A from B.



Take the switches. Align one of them (it does not matter which) with switch mount A so that the circled screw holes match position.

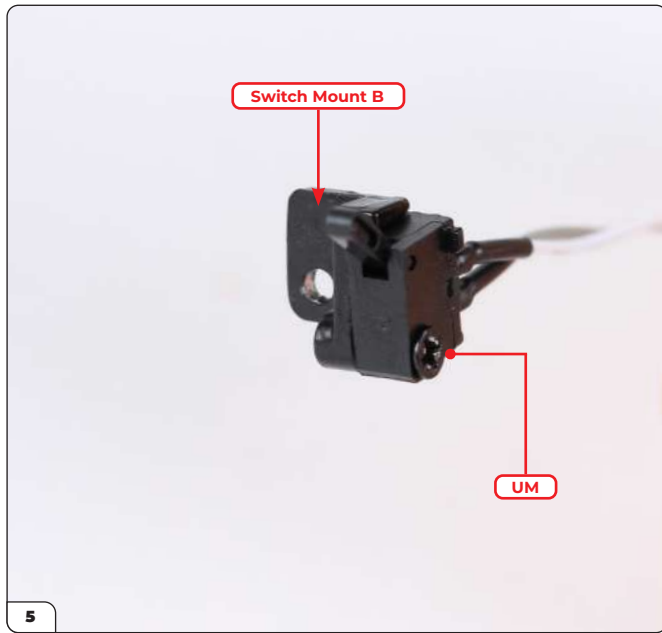


Hold the mount on the switch then secure it by driving a UM screw through from the other side and into switch mount A.

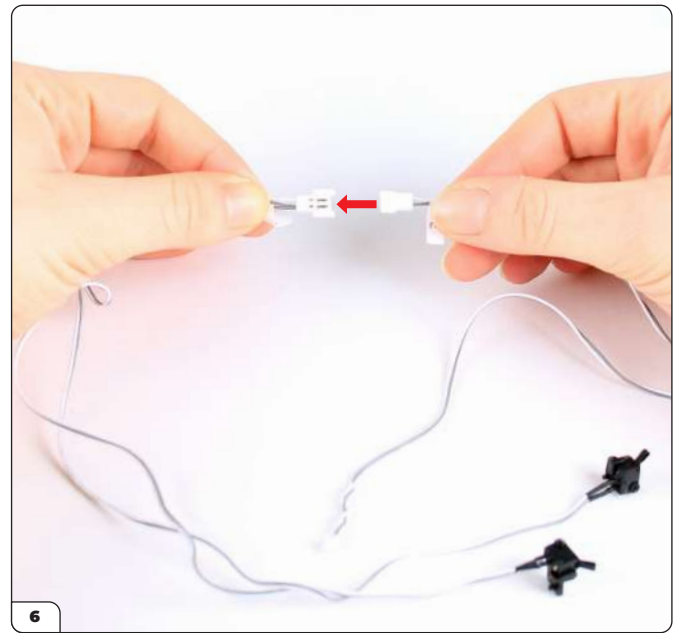


Take switch mount B and align it with the remaining switch as shown.

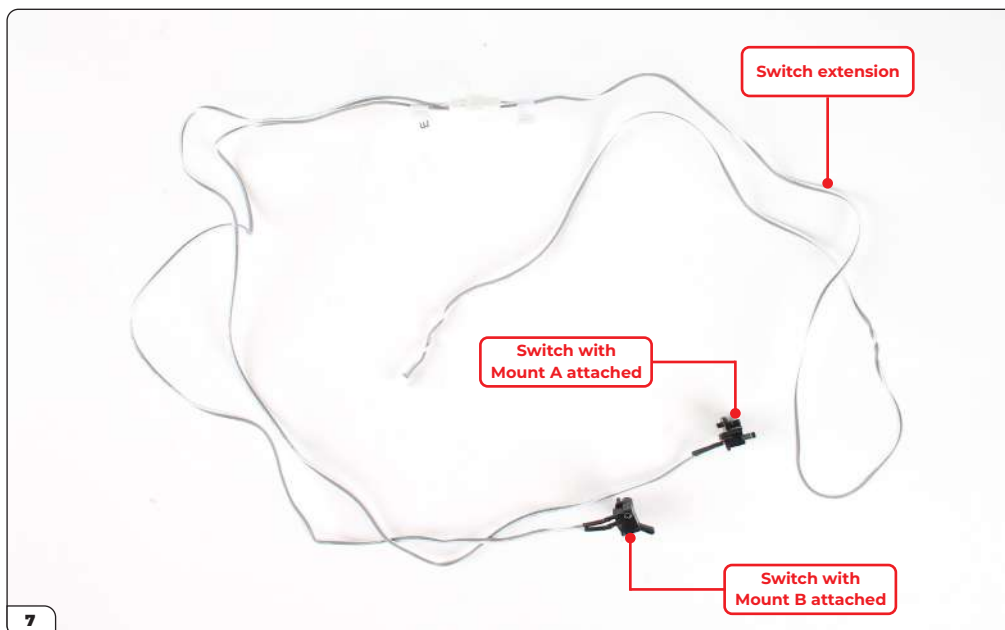
## Stage 78: Installing the Headlight Switches



Hold the mount on the switch then secure it by driving a UM screw through from the other side in the same way.

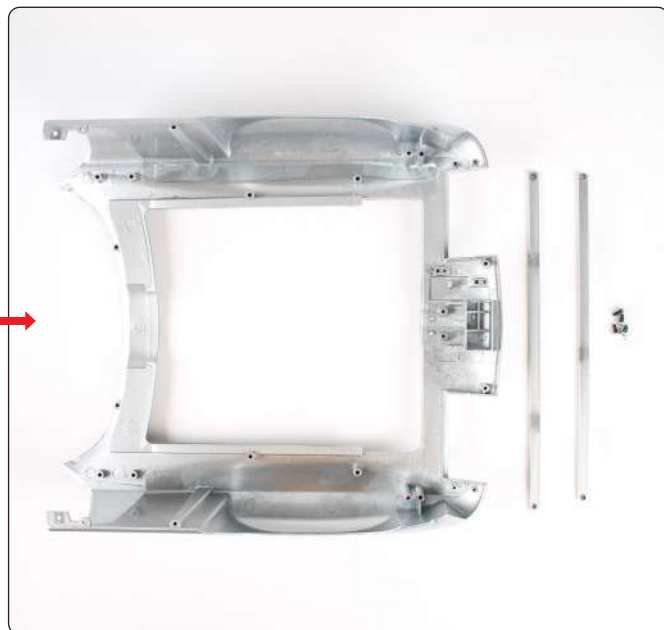
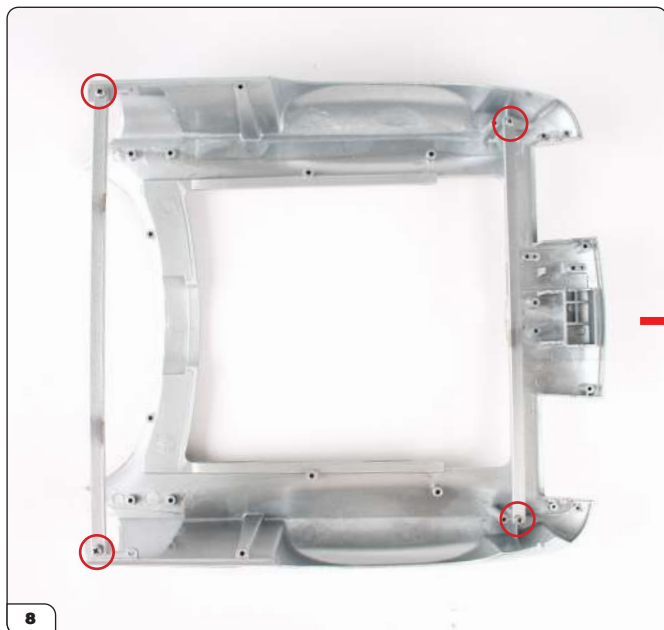


Connect the switch extension to the switches.

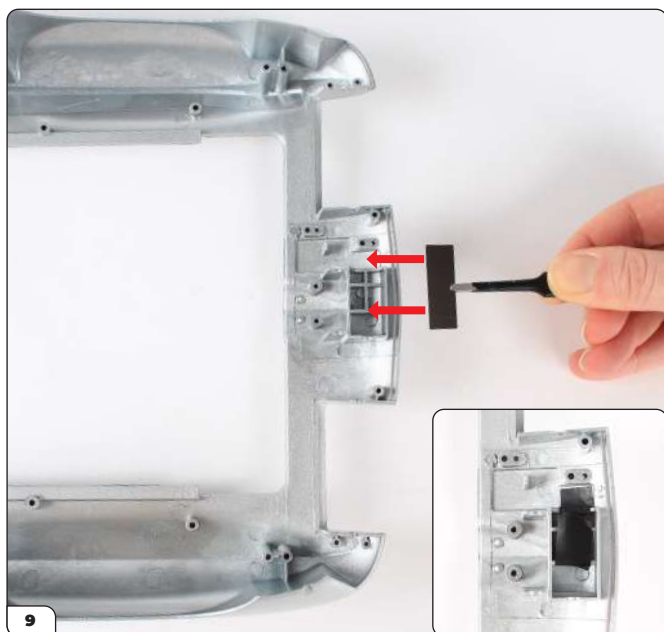


The switches, mounts and extension should now look like this.

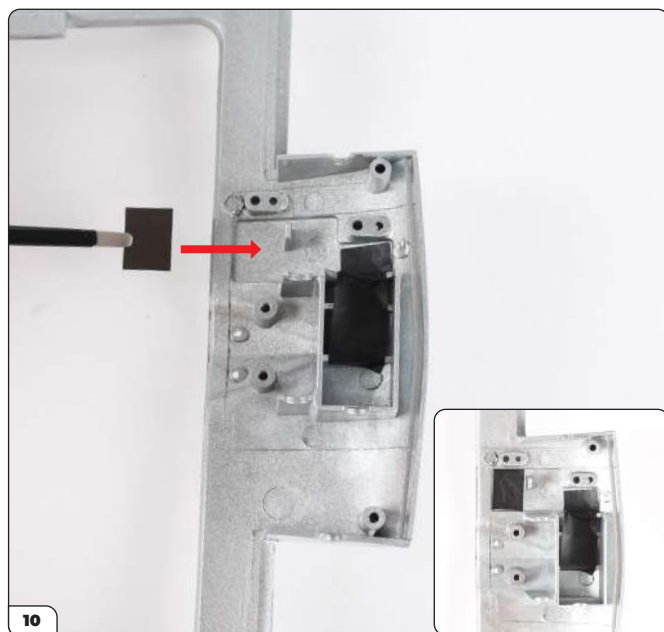
## Stage 78: Installing the Headlight Switches



Take the front body and remove the circled screws then take off the support bars. The bars and screws can be discarded once they have been removed.



Peel the backing from the large adhesive tape then stick it to the front body as shown in the inset.

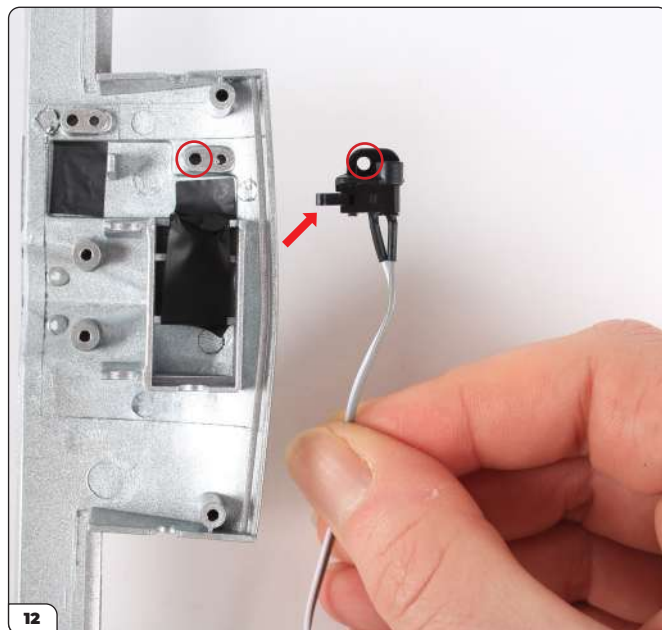


Peel the backing from the small adhesive tape then stick it to the front body as shown in the inset.

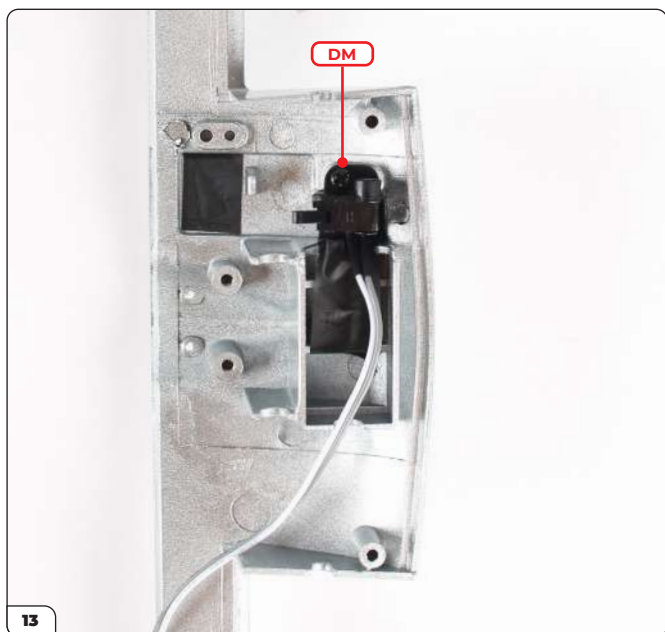
## Stage 78: Installing the Headlight Switches



Take the switch with mount A attached and carefully bend the wires flat as shown.



Align the switch with the front body. Check that the larger screw holes match (circled) and the switch lever (arrow) is pointing to the rear of the body.

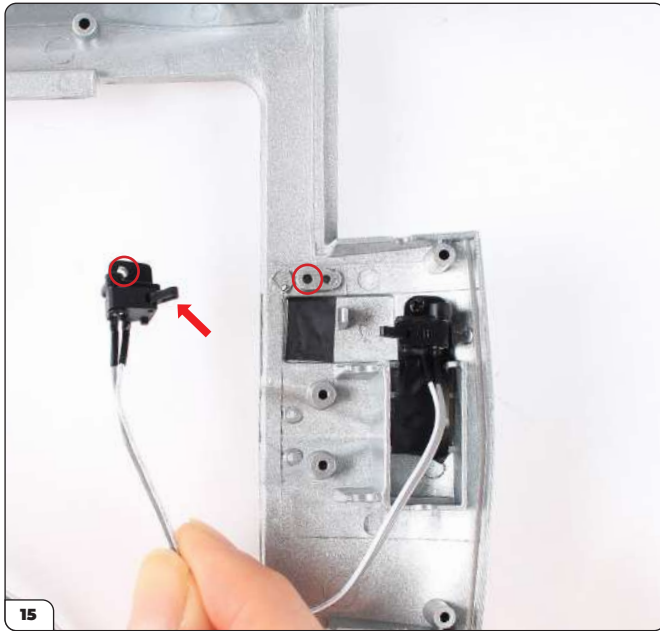


Fit the switch in place and secure with a DM screw.

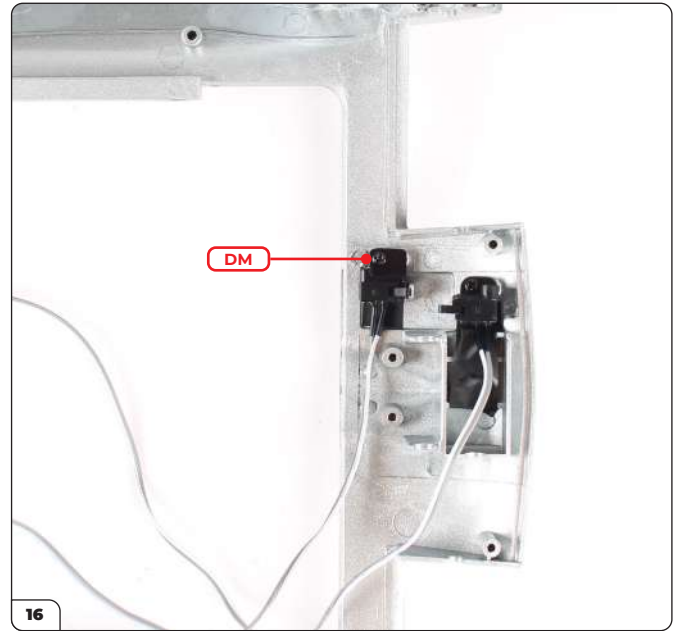


Take the switch with mount B attached and bend its wires in the same way as before.

## Stage 78: Installing the Headlight Switches



Align the switch with the front body as shown. The large screw holes match and the switch lever is pointing to the front of the body.



Secure with a DM screw.

**STAGE COMPLETE**



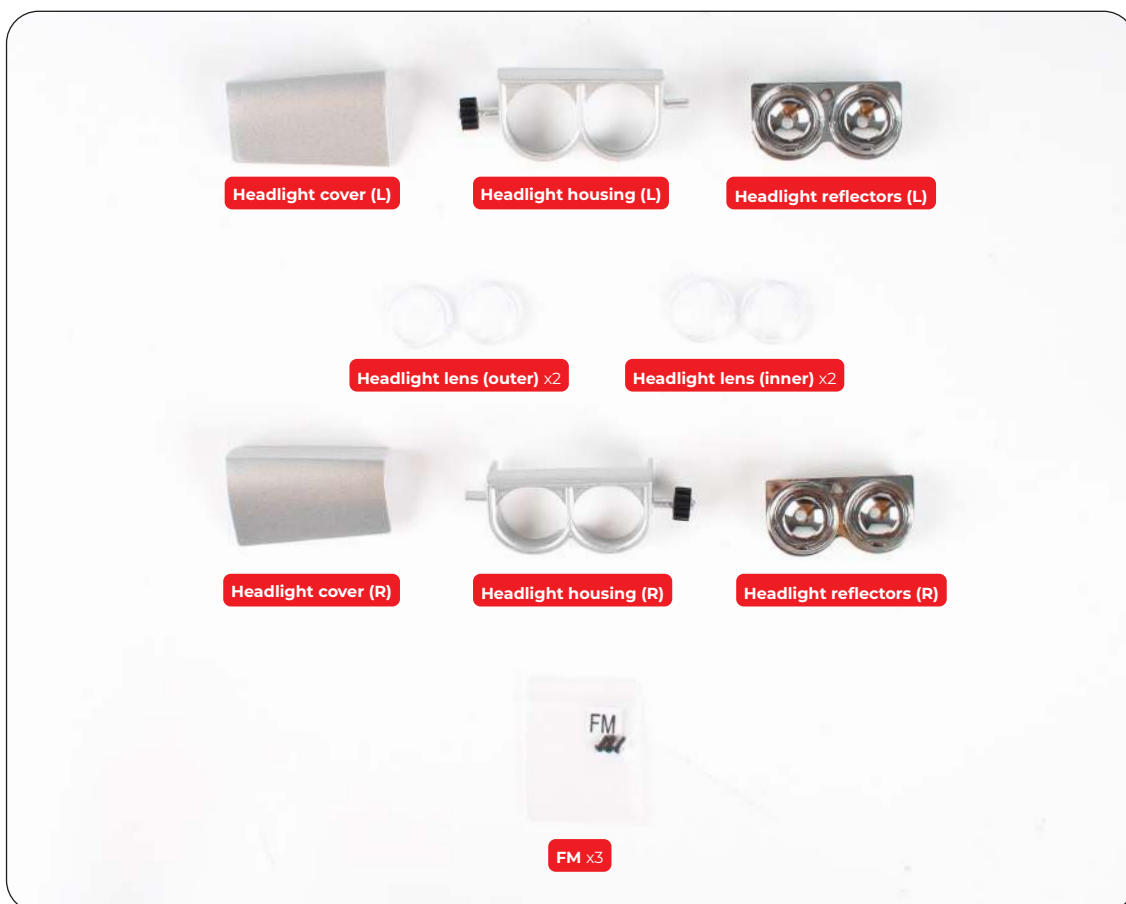
## Stage 79: Building the Headlights

In this stage you'll build the iconic Sting Ray headlights.



### STAGE 79 PARTS LIST

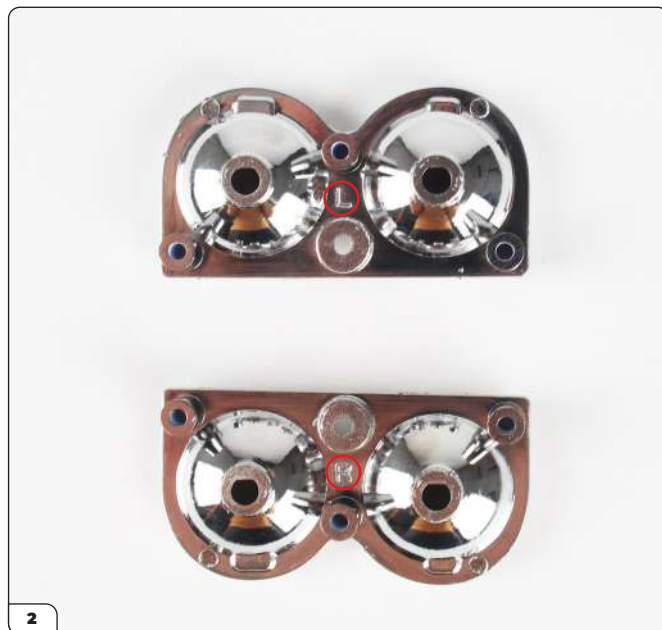
Name
Headlight cover (L)
Headlight housing (L)
Headlight reflectors (L)
Headlight lens (outer) x2
Headlight lens (inner) x2
Headlight cover (R)
Headlight housing (R)
Headlight reflectors (R)
FM screws x3



## Stage 79: Building the Headlights



1 Take the left (marked 'L') and right (marked 'R') headlight housings.



2 Pair the housings with the left and right reflectors (marked 'L' and 'R').



3 Align the left reflector with the left housing.



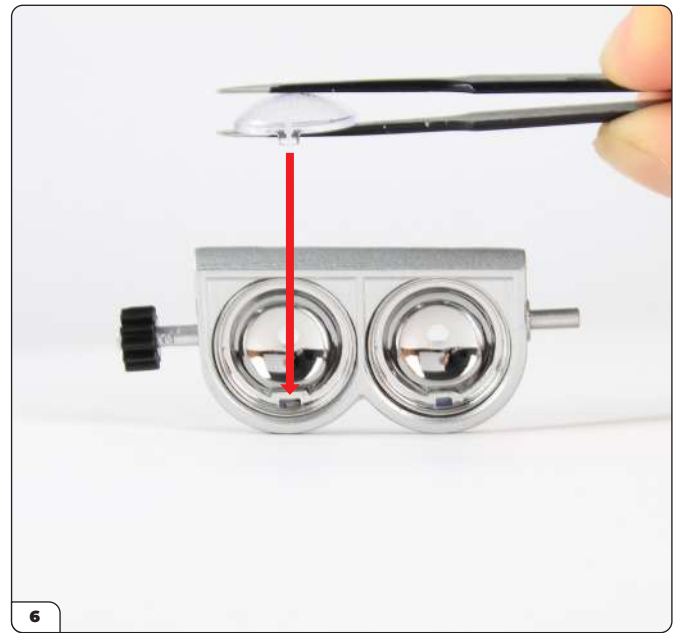
4 Fit in place and secure with an FM screw.



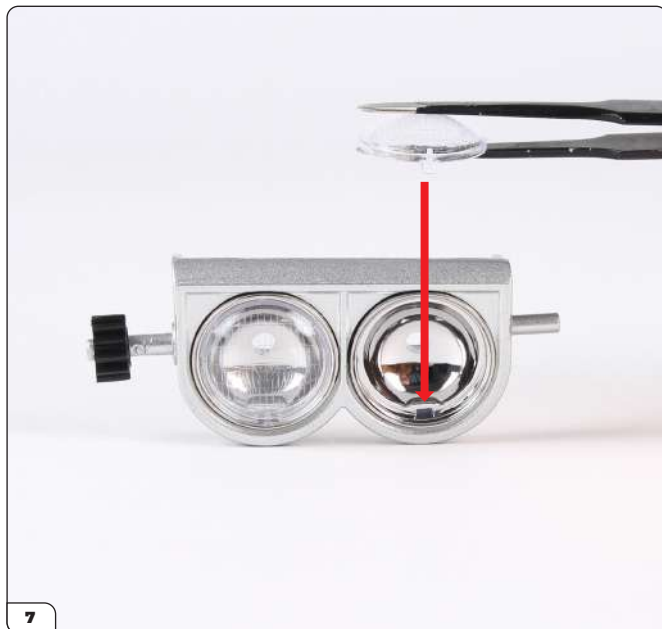
## Stage 79: Building the Headlights



Take the headlight lenses and split them into two pairs. Each pair should have one inner lens with a wide tab and one outer with a narrow tab.



Fit an inner lens matching the wide tab to the wide hole.



Fit an outer lens matching the narrow tab to the narrow hole.



The left headlight housing should look like this.

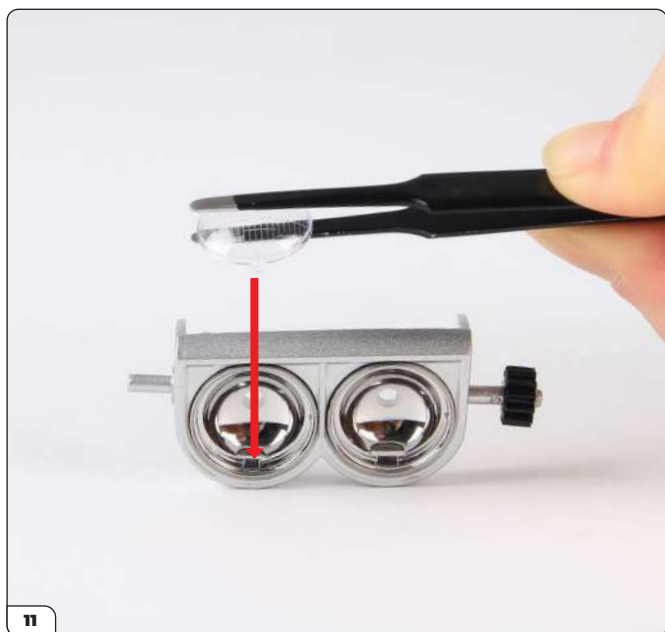
## Stage 79: Building the Headlights



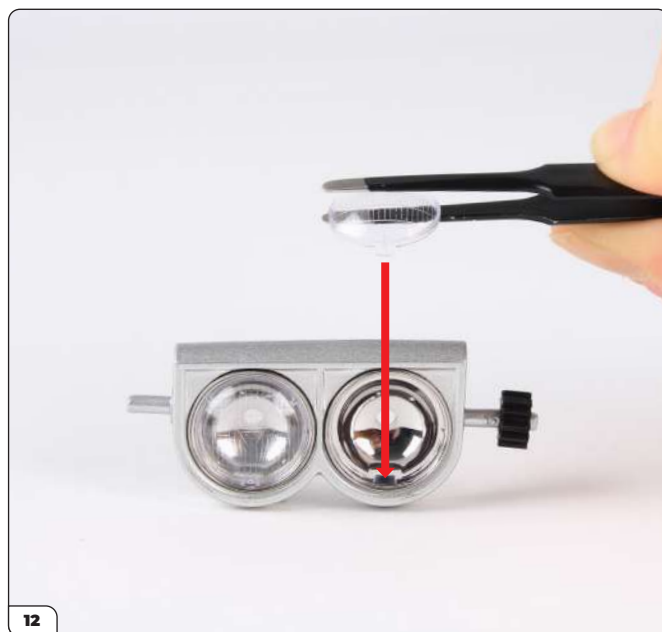
You'll now repeat the process to assemble the right headlights. Align the right reflector with the right housing.



Fit in place and secure with an FM screw.

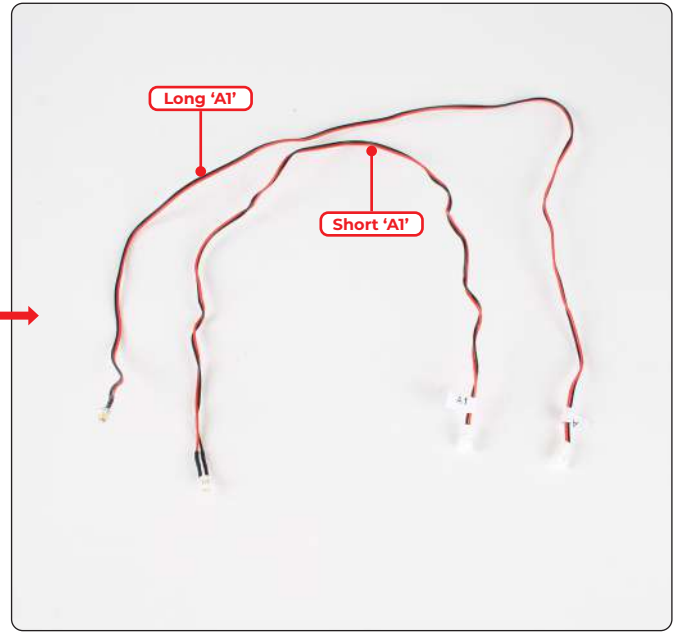
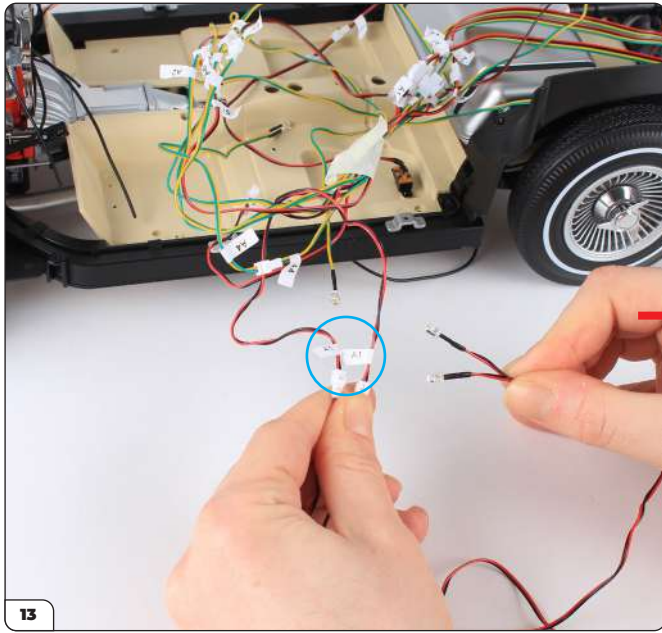


Fit an outer lens matching the narrow tab to the narrow hole.

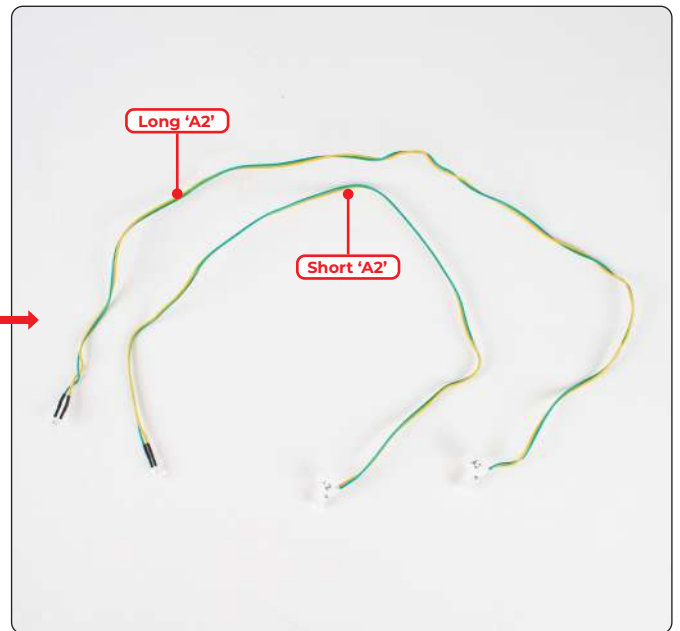
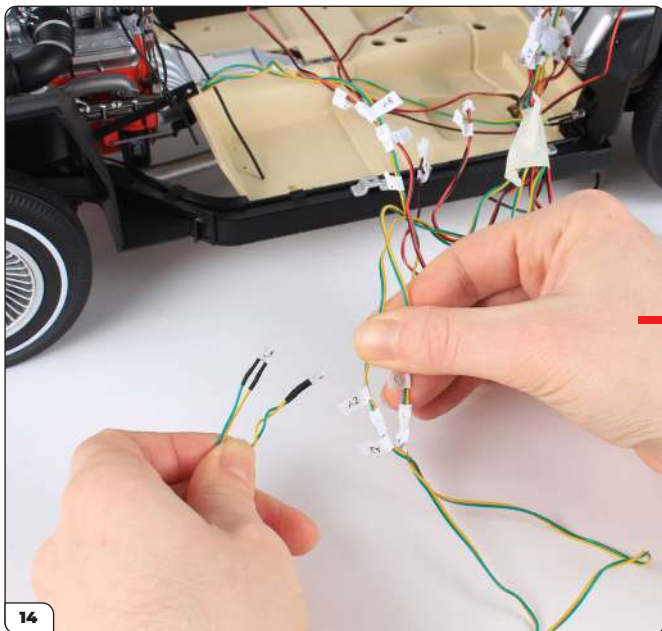


Fit an inner lens matching the wide tab to the wide hole.

## Stage 79: Building the Headlights

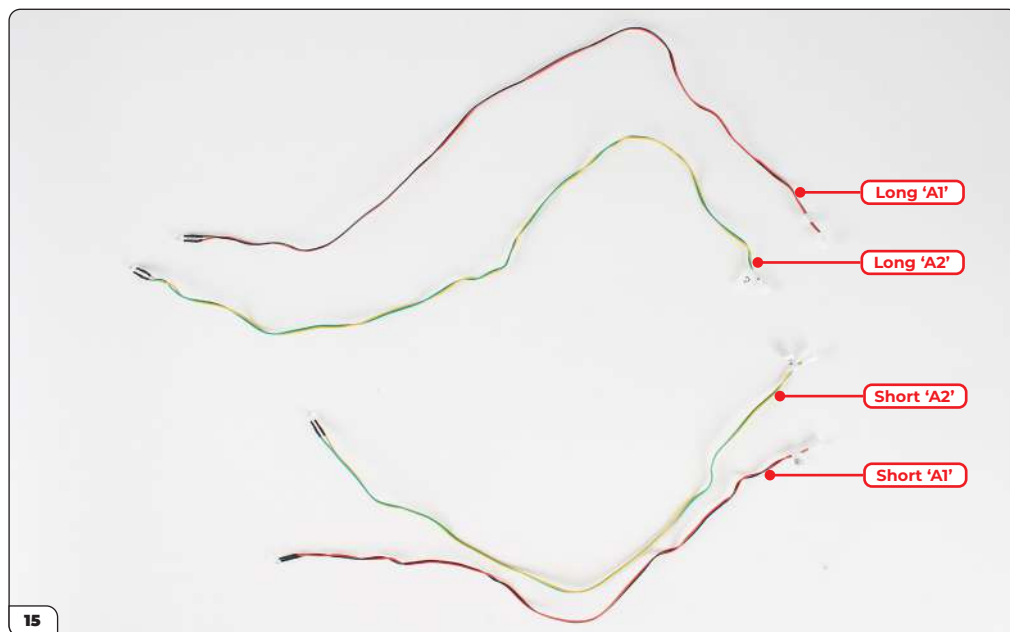


Take the chassis assembly and locate the two LEDs marked 'A1' then unplug them from their connections. Note that one of them is long and the other is short.

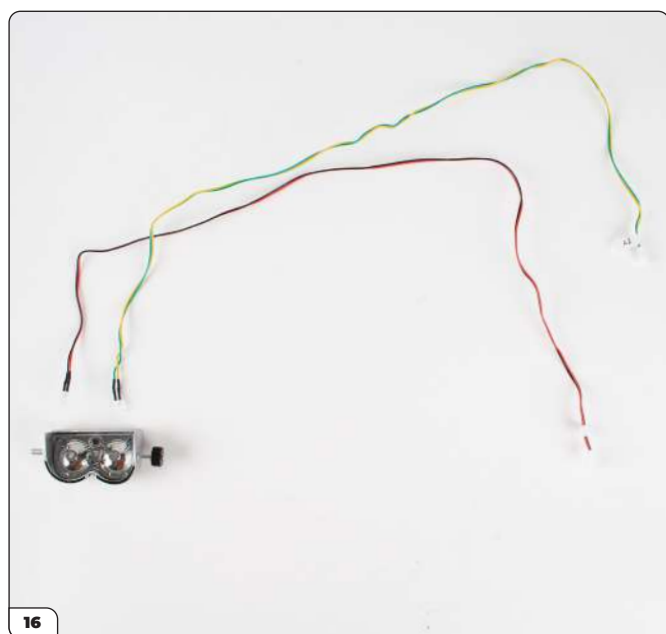


Locate the two LEDs marked 'A2' and unplug them from their connections. They are also long and short.

## Stage 79: Building the Headlights

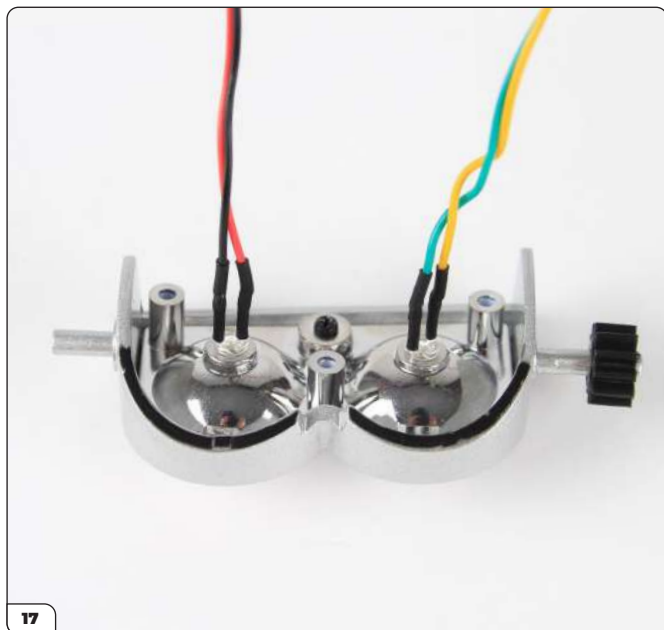


Pair the long and short wires together as shown.

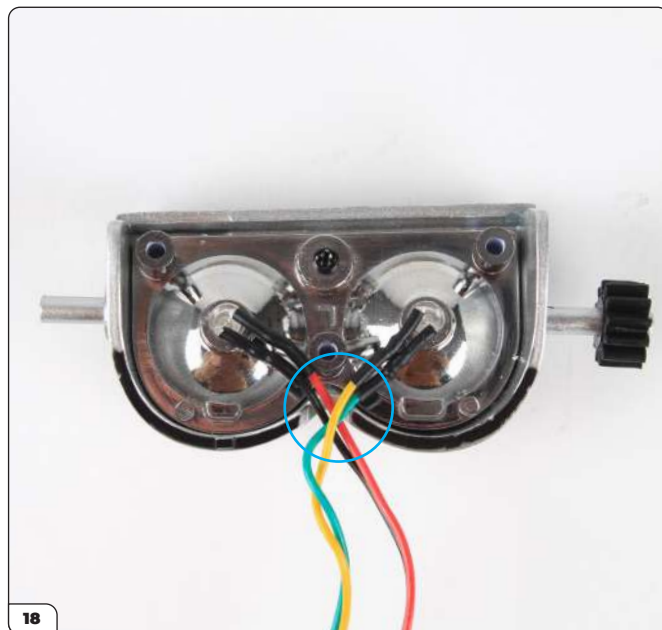


Align the LEDs on the long wires with the left headlight reflector as shown. 'A1' aligns with the outer headlight and 'A2' with the inner headlight.

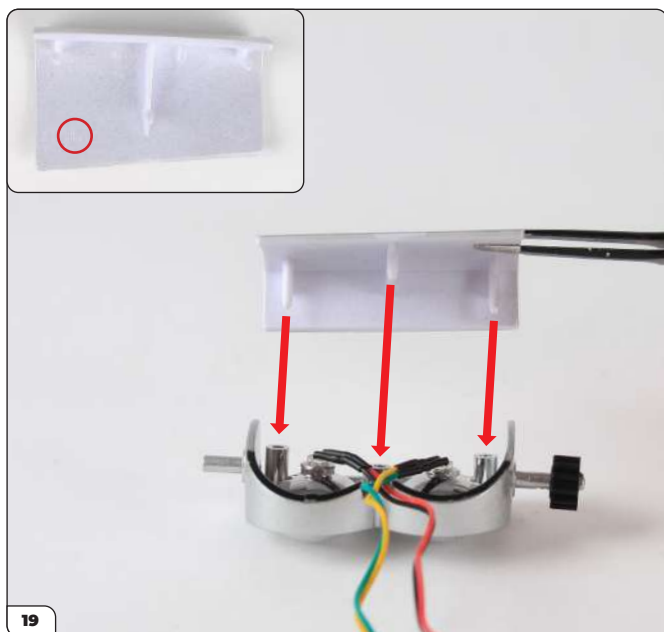
## Stage 79: Building the Headlights



Fit the LED bulbs in place. Do not push the bulbs in fully (see next step).



Twist the bulbs so that the wires are angled towards the centre (circled) then carefully bend the wires into the recess. Press the bulbs firmly in place once you are happy.

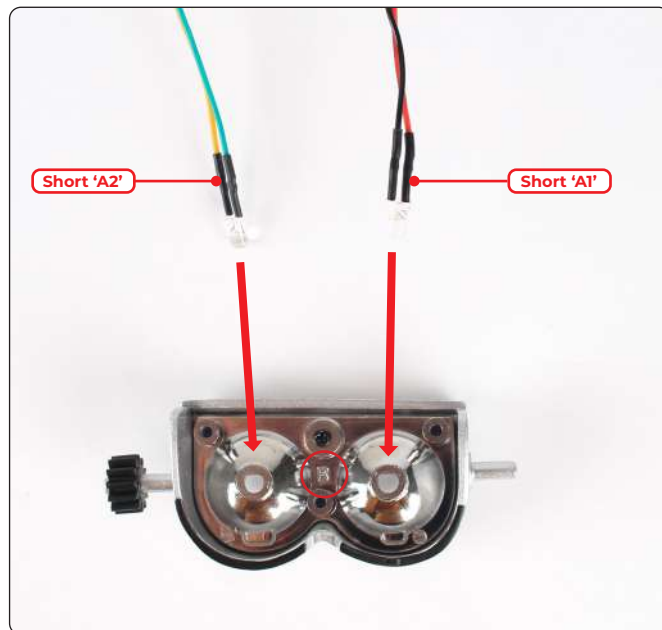
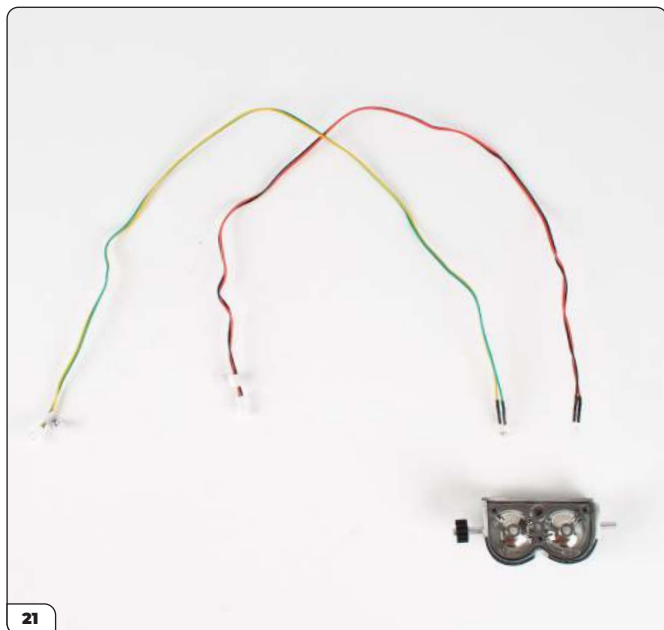


Take the left headlight cover (marked 'L', circled) and align the three pins with the posts.



Press the cover firmly in place.

## Stage 79: Building the Headlights



Align the LEDs of the short wires with the right headlight reflector as shown. 'A1' aligns with the outer headlight and 'A2' with the inner headlight.

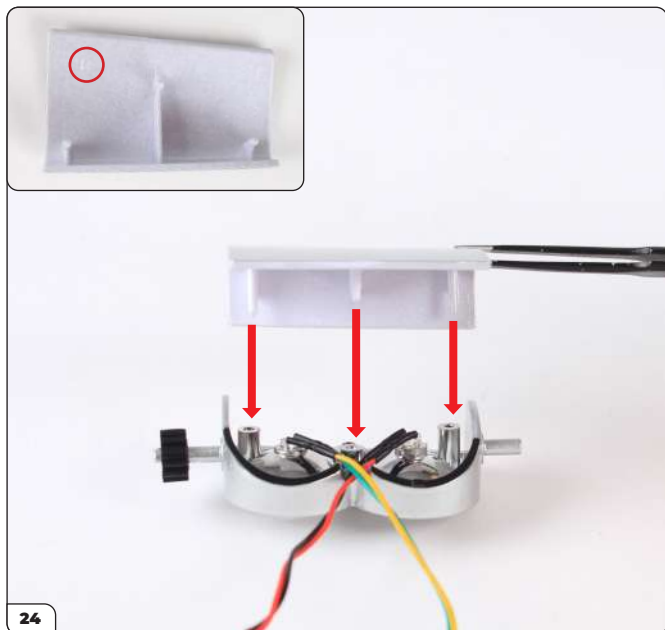


Fit the LED bulbs in place. Do not push the bulbs in fully (see next step).



Twist the bulbs so that the wires are angled towards the centre (circled) then carefully bend the wires into the recess. Press the bulbs firmly in place once you are happy.

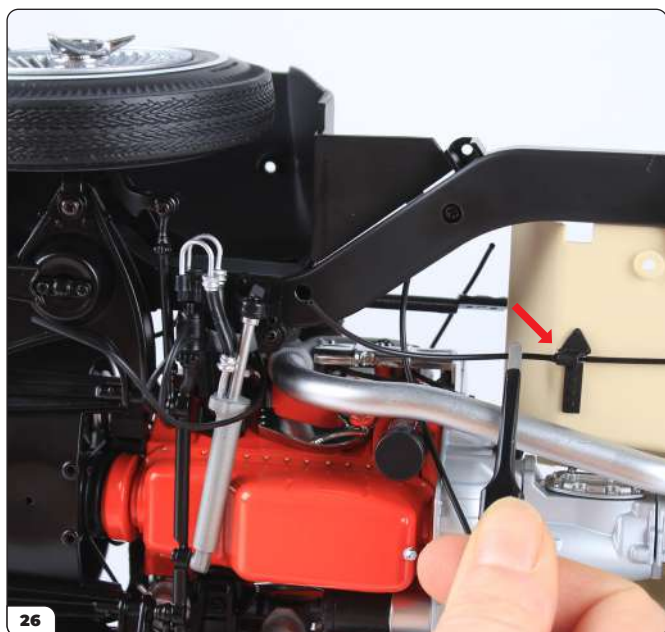
## Stage 79: Building the Headlights



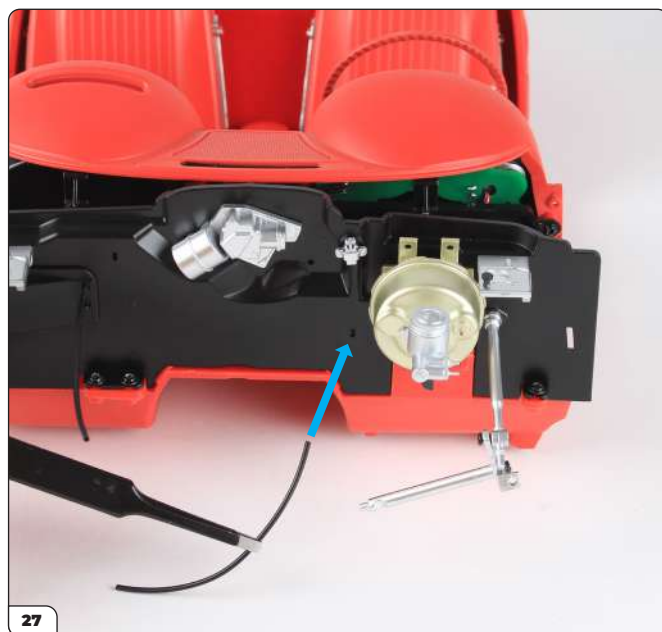
Take the right headlight cover (marked 'R', circled) and align the three pins with the posts.



Press the cover firmly in place.



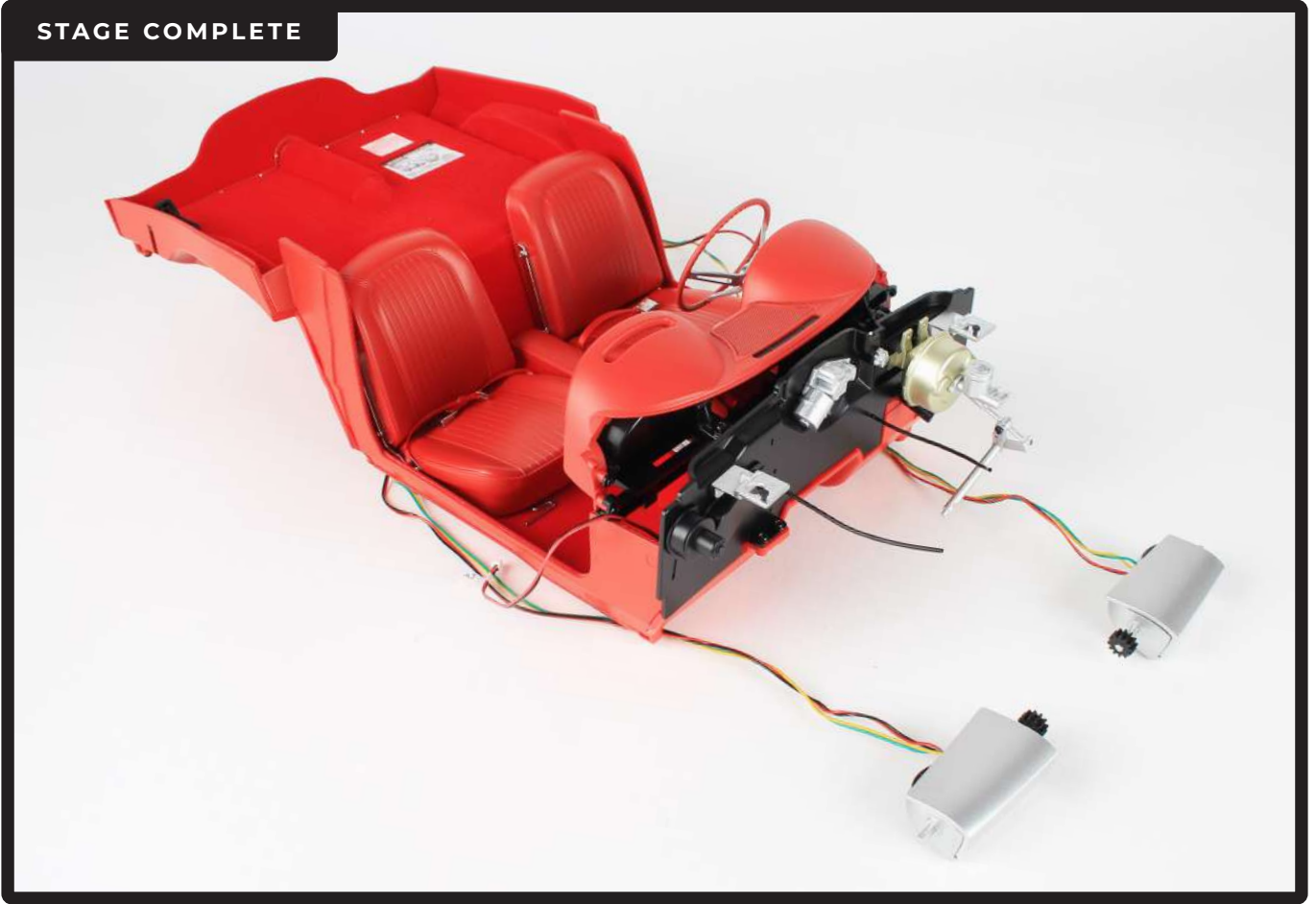
Take the chassis assembly and unplug the hose from the handbrake cable.



Fit the hose onto the firewall by plugging it onto the pin.

## Stage 79: Building the Headlights

STAGE COMPLETE





## Stage 80: Fitting and Testing the Headlights

In the last stage for this pack you'll fit the headlights and the motor, then test their rotating function.

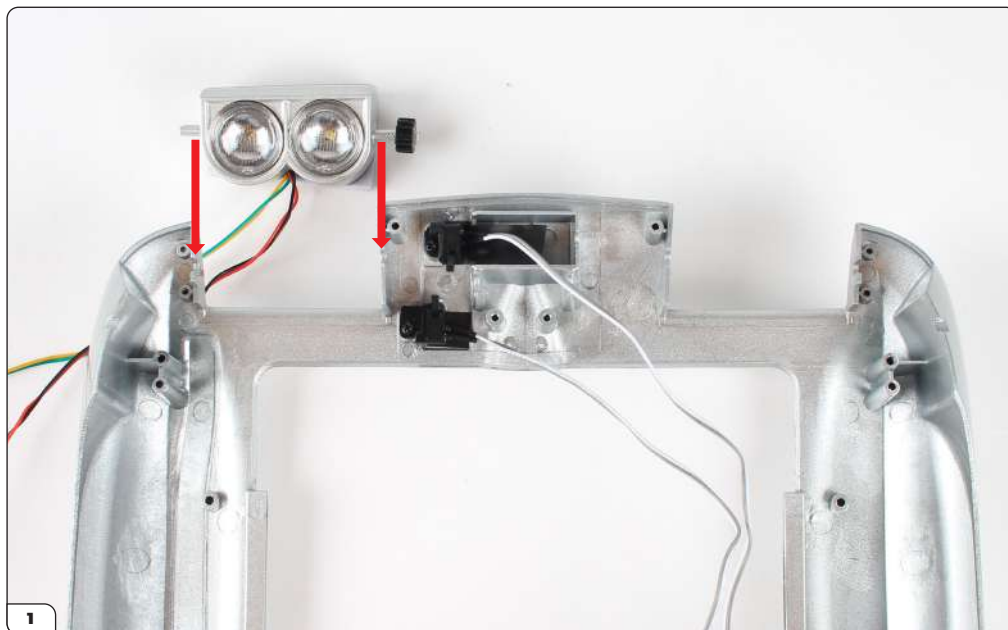


### STAGE 80 PARTS LIST

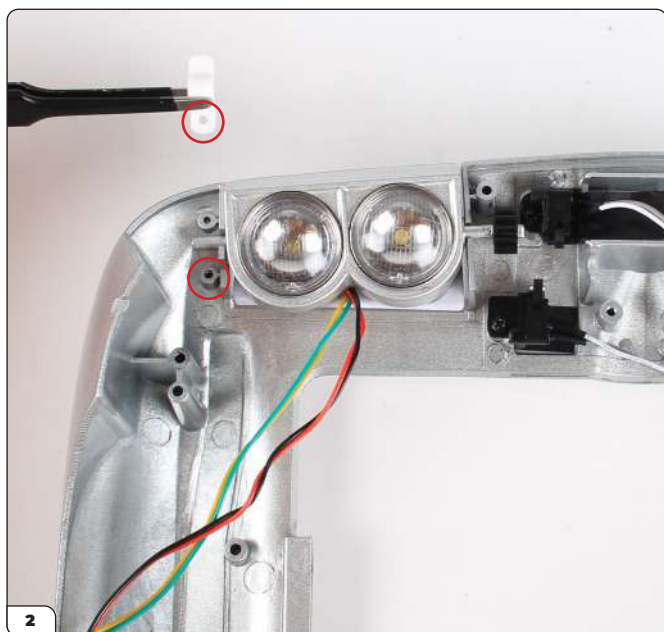
Name
Nose panel
Motor
Motor wiring
Shaft
Bracket x2
Shaft bracket
Adhesive tape (short) x2
Adhesive tape (long) x2
DM screws x5
FM screws x3



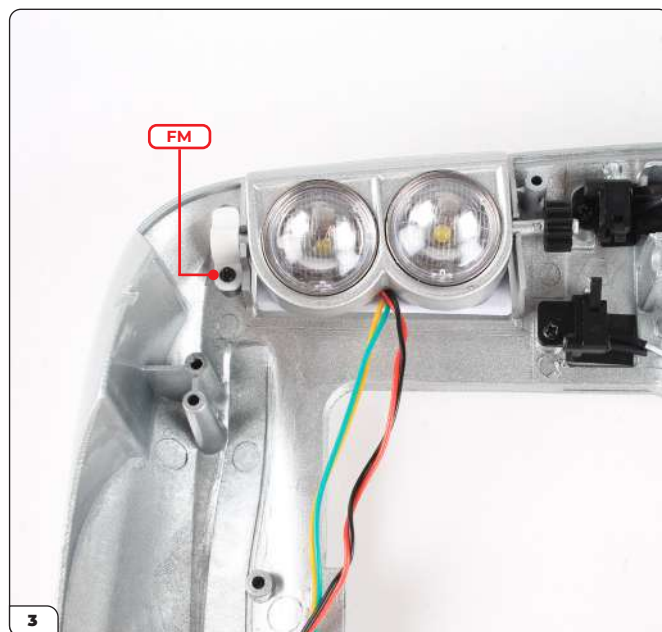
## Stage 80: Fitting and Testing the Headlights



Take the right headlight (stage 79) and the front body (stage 78). Align the headlight with the curved recesses.

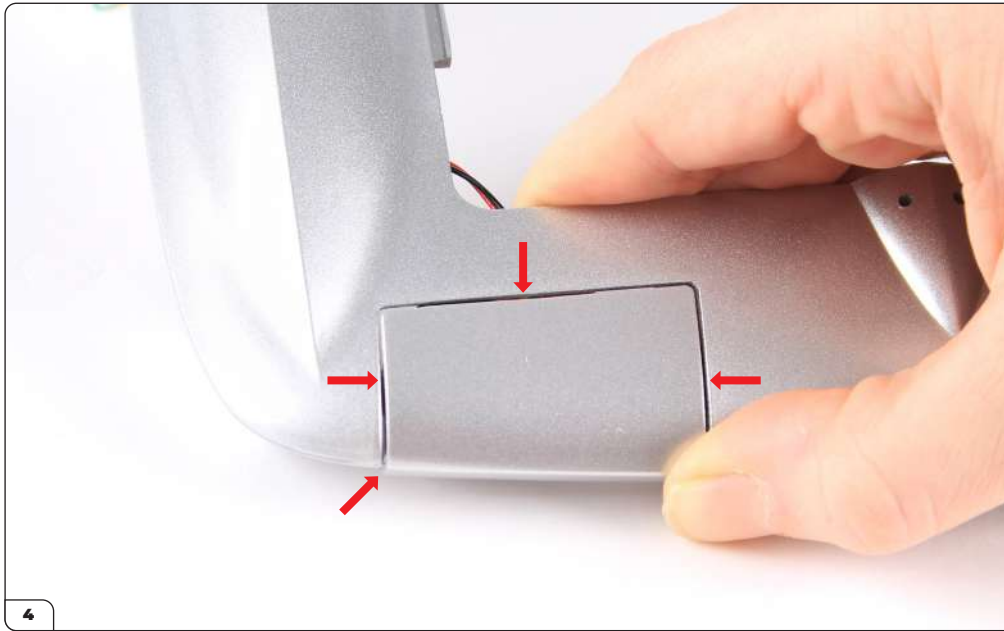


Fit the headlight in place as shown, then take one of the brackets and align it with the holes on the outside edge.

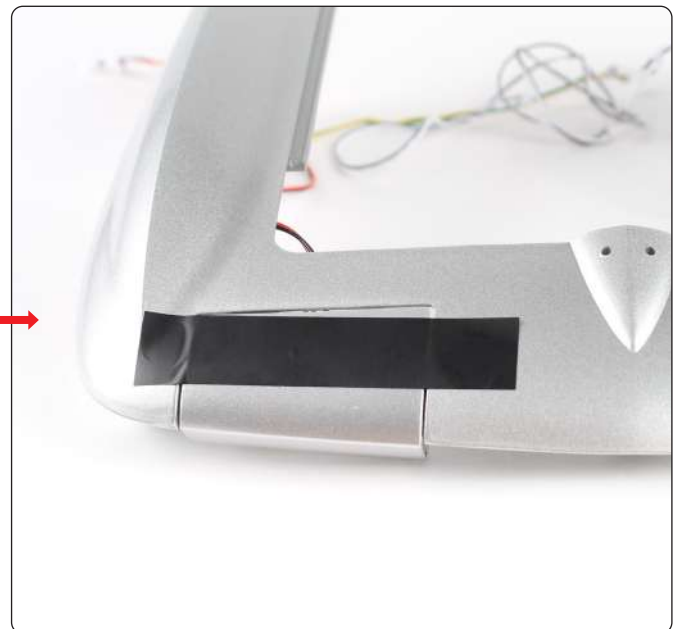


Secure firmly in place with an FM screw. Make sure the bracket is not loose.

## Stage 80: Fitting and Testing the Headlights

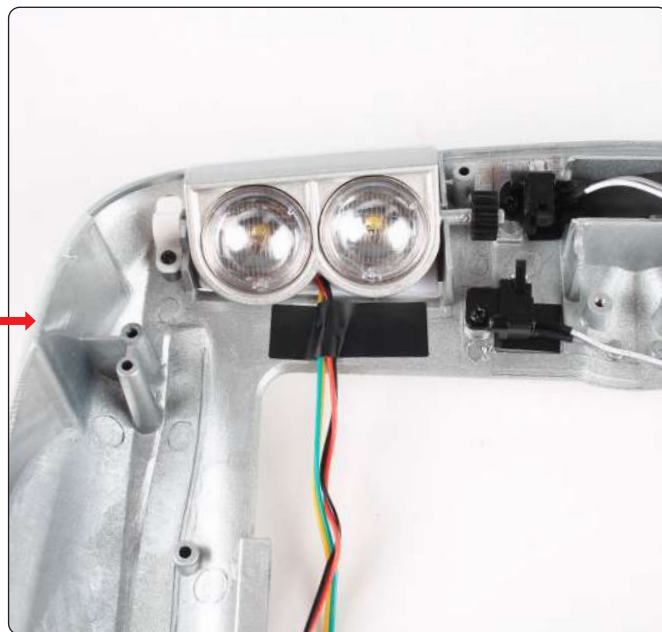
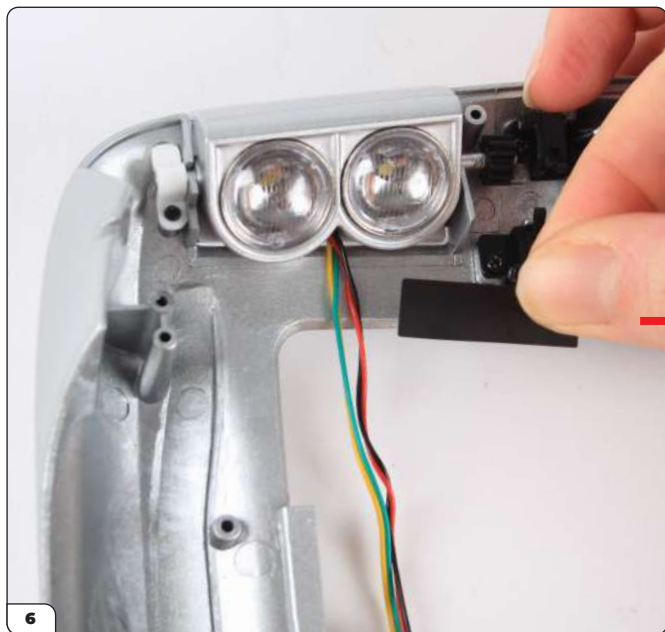


Carefully turn the assembly over and position the headlight cover so that the edges align with the front body as shown.

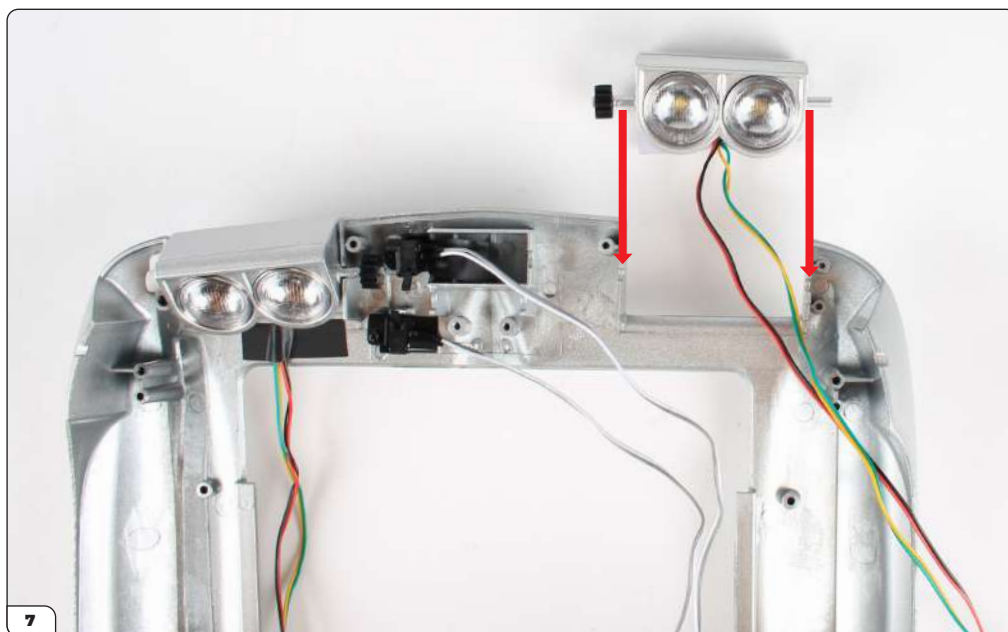


Keeping the cover aligned, stick a piece of the long adhesive tape to hold it in place.

## Stage 80: Fitting and Testing the Headlights



Turn the assembly back over and use a piece of short adhesive tape to hold the headlight wires in place.

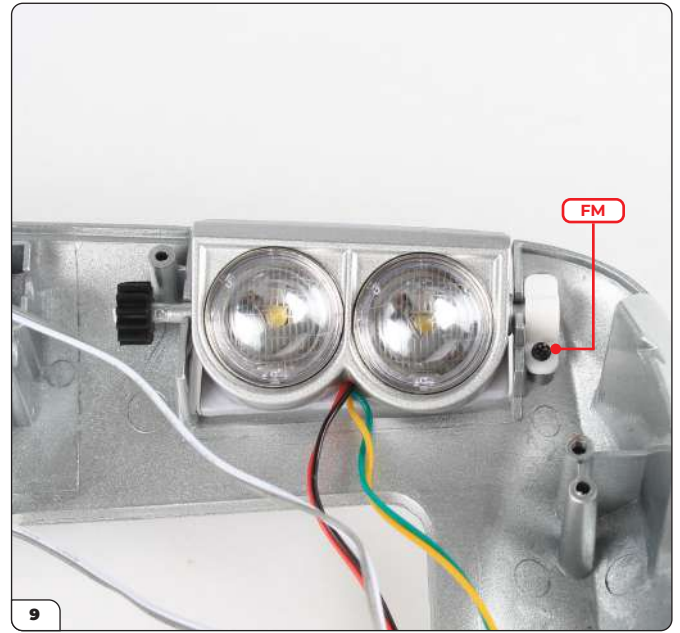


Take the left headlight (stage 79) and align it with the curved recesses on the other side.

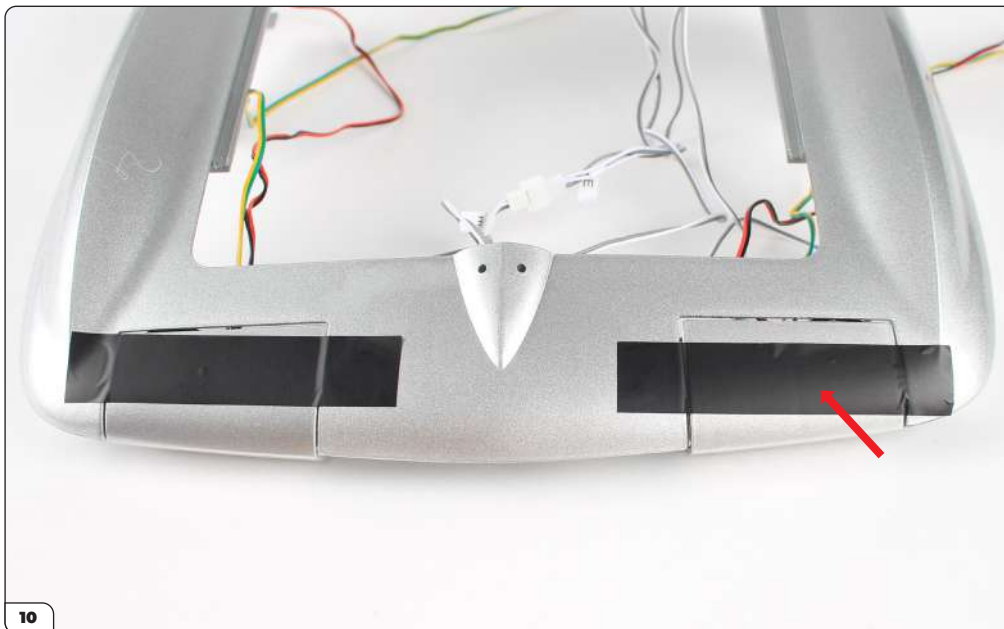
## Stage 80: Fitting and Testing the Headlights



Fit the headlight in place then take the remaining bracket and align it as shown.

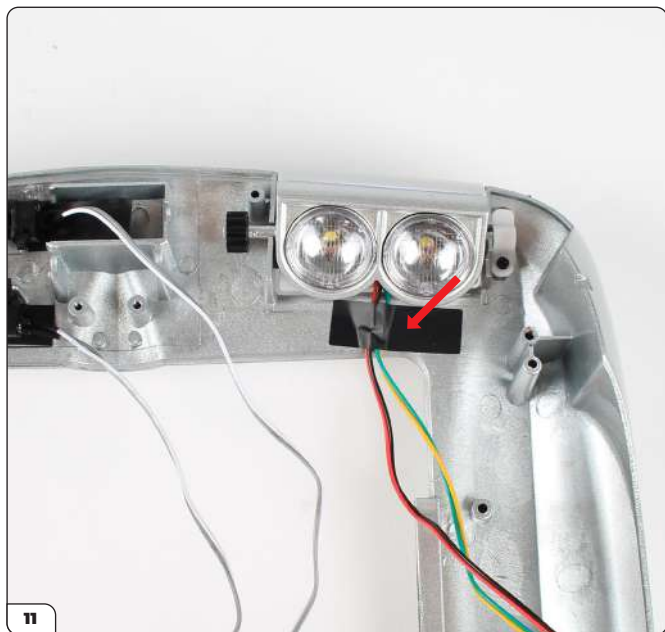


Secure firmly in place with an FM screw.

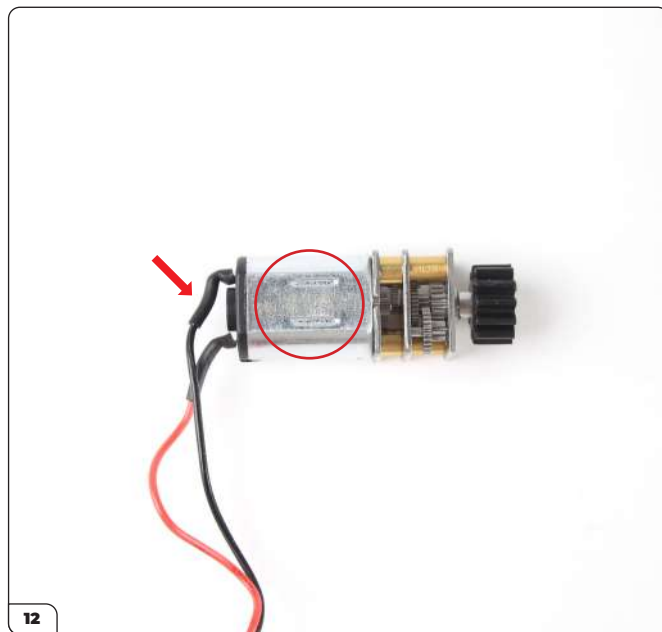


Turn the assembly over and align the cover edges with the front body in the same way as before. Secure in place with a piece of long adhesive tape as shown.

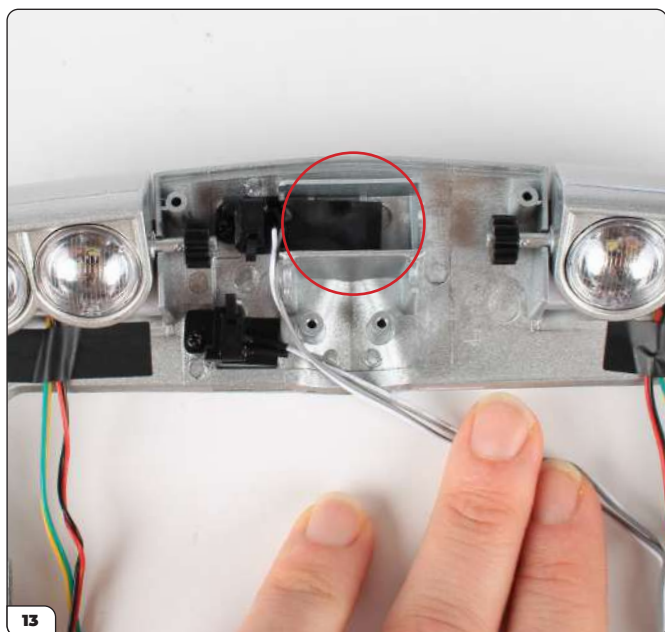
## Stage 80: Fitting and Testing the Headlights



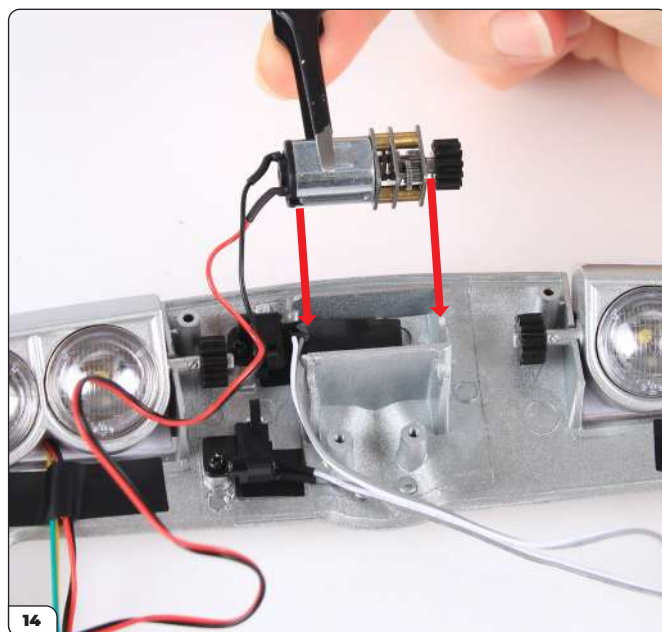
Secure the wires with a piece of short adhesive tape.



Take the motor and place it on the work surface as shown with the writing face-up (circled). Carefully bend both wires towards you (arrow).

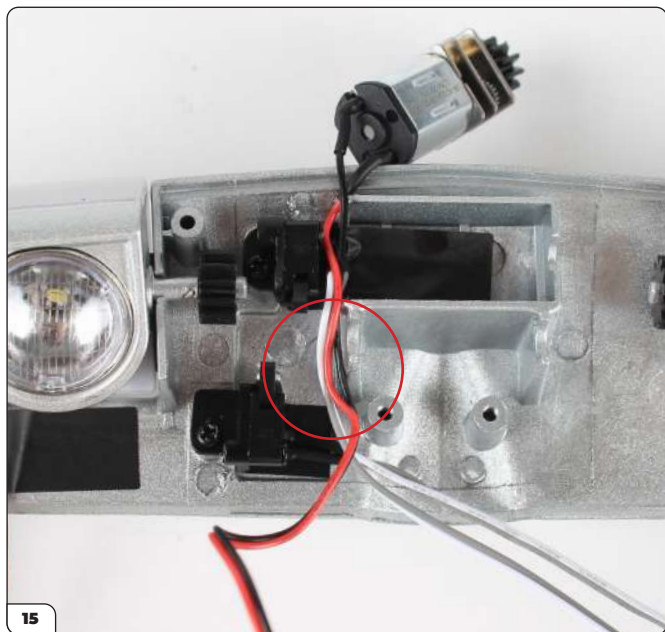


Position the switch wires so that they are out of the way of the motor housing (circled) and screw posts.

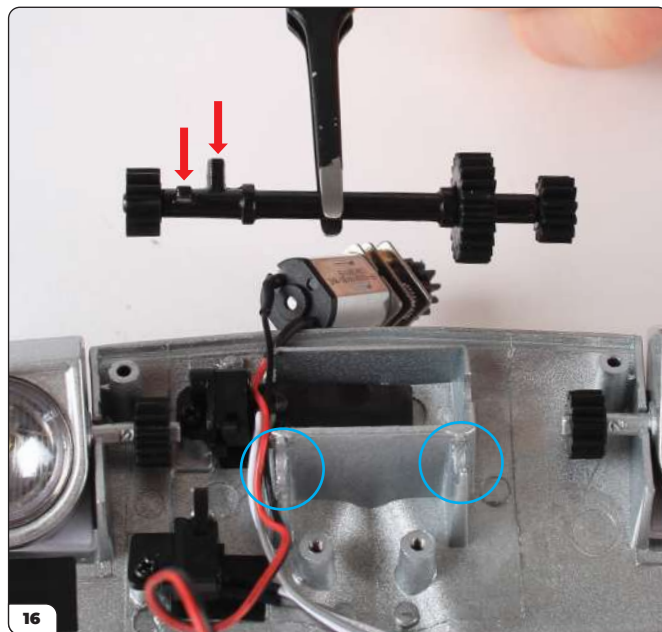


Align the motor with the front body, with the writing face-up.

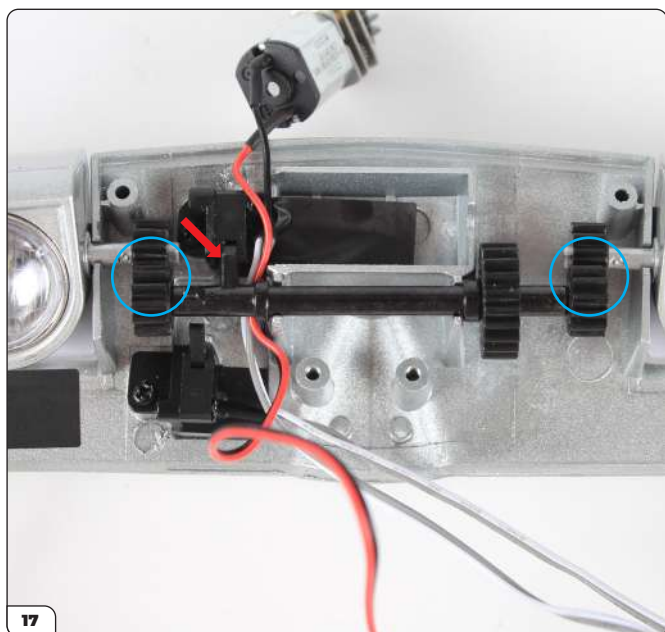
## Stage 80: Fitting and Testing the Headlights



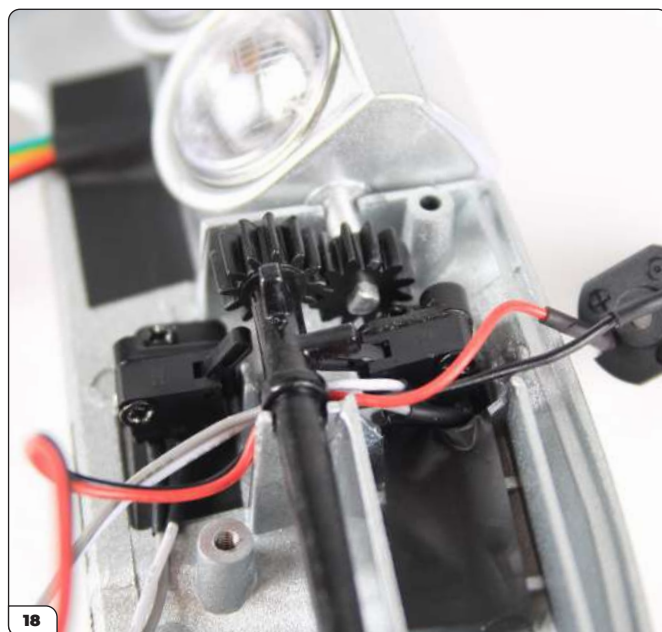
Press the motor wires over the switch wires, then carefully place the motor next to its housing as shown.



Now take the shaft and align it with the recesses next to the motor housing (circled). Note the position of the posts on the shaft (arrows).

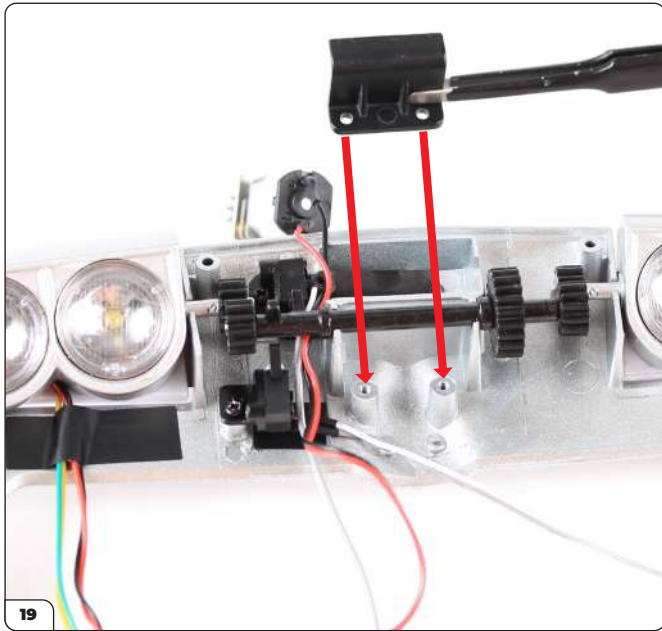


Fit the shaft into the recesses as shown. The inner post should be horizontal on top of the switch lever (arrow). The gear teeth are locked together (circled).

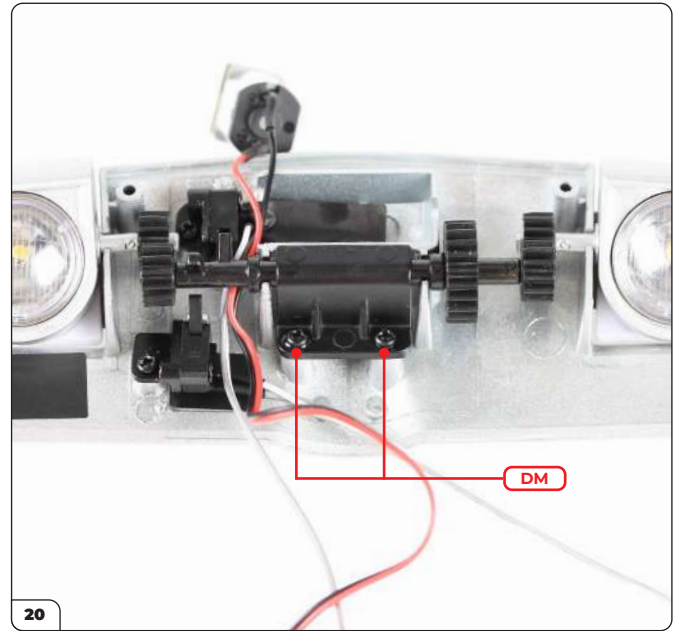


This image shows the position of the post and the switch levers with the shaft fitted.

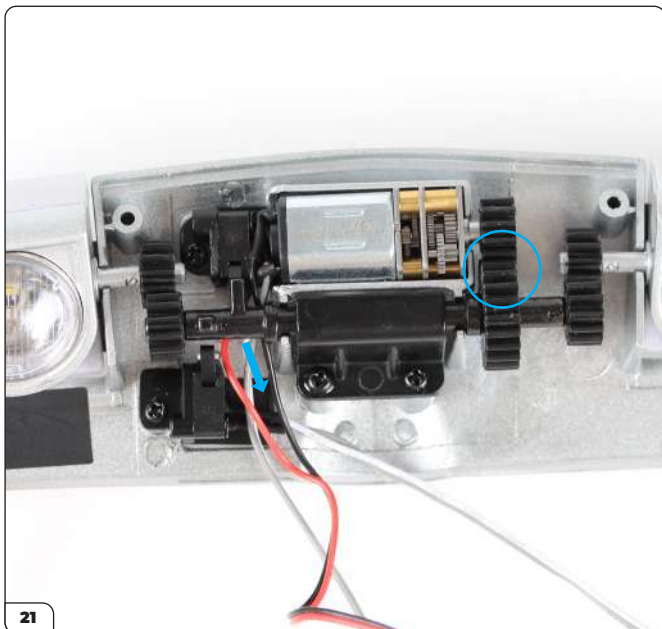
## Stage 80: Fitting and Testing the Headlights



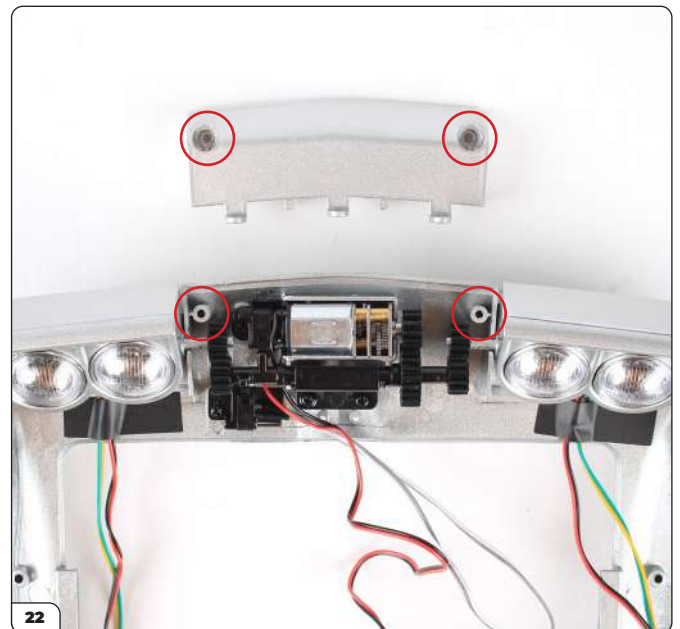
Fit the shaft bracket onto the screw posts.



Secure with 2x DM screws.



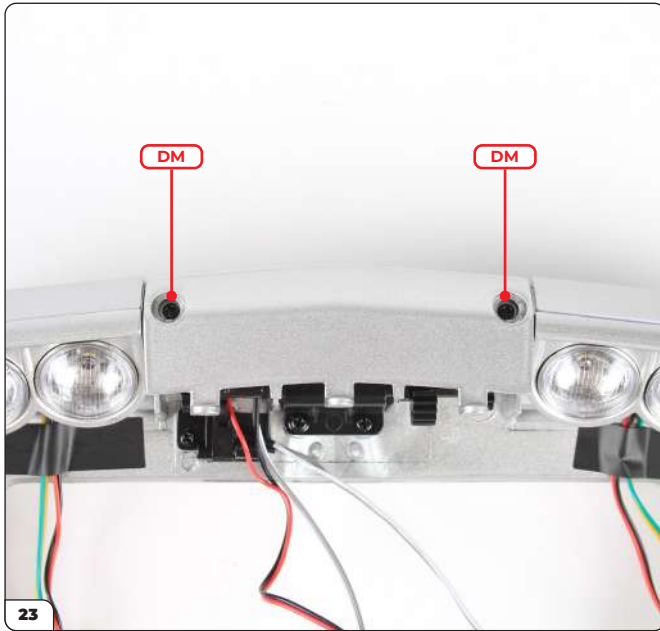
Gently pull the motor wires through under the shaft if necessary (arrow) then fit the motor in its housing. The gear teeth should lock with the shaft (circled).



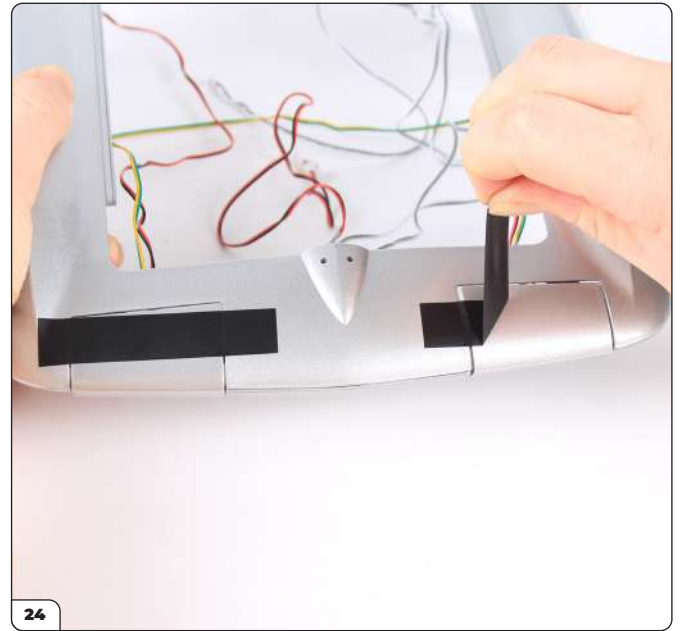
Take the nose panel and align it as shown.



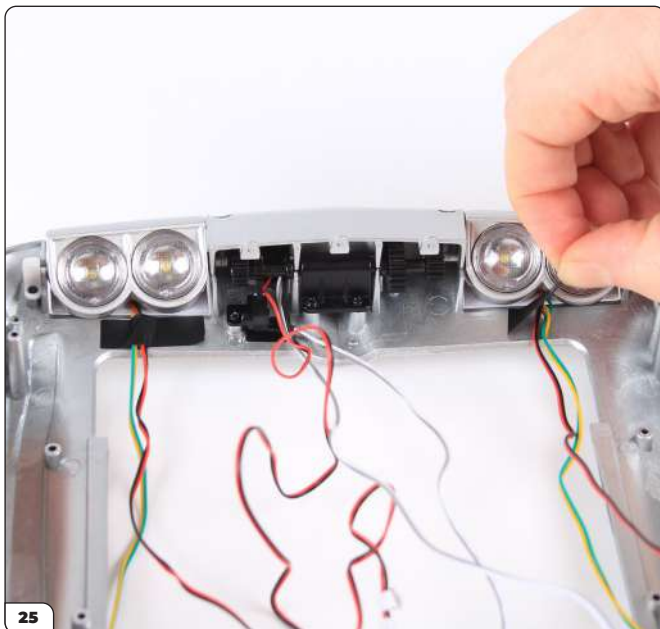
## Stage 80: Fitting and Testing the Headlights



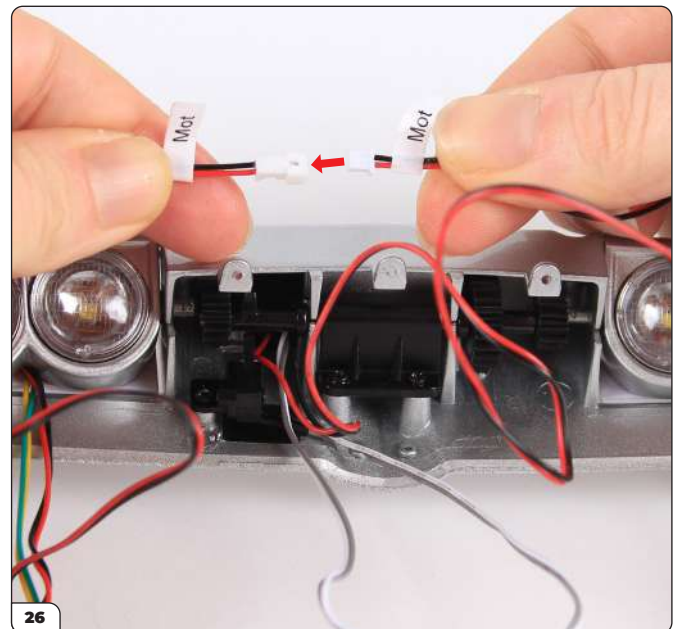
Fit the panel and secure with 2x DM screws.



Remove the pieces of tape from the headlight covers.

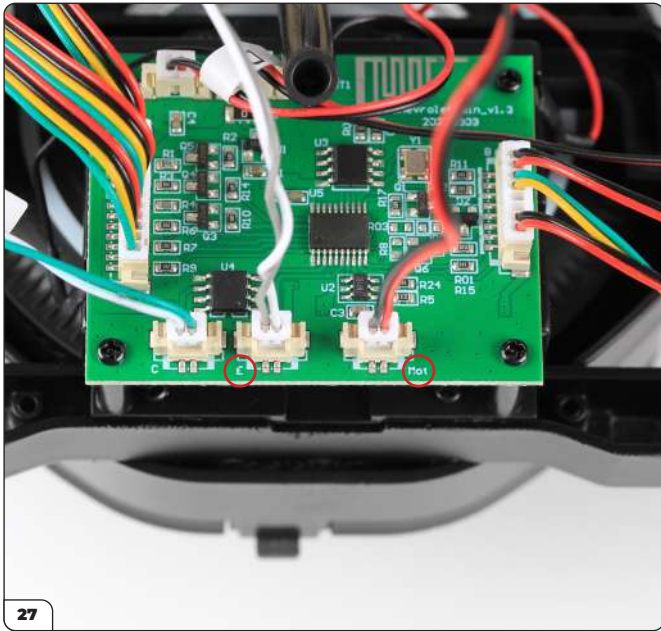


Remove the pieces of tape from the headlight wires.



Take the motor wire and connect it to the plug on the motor.

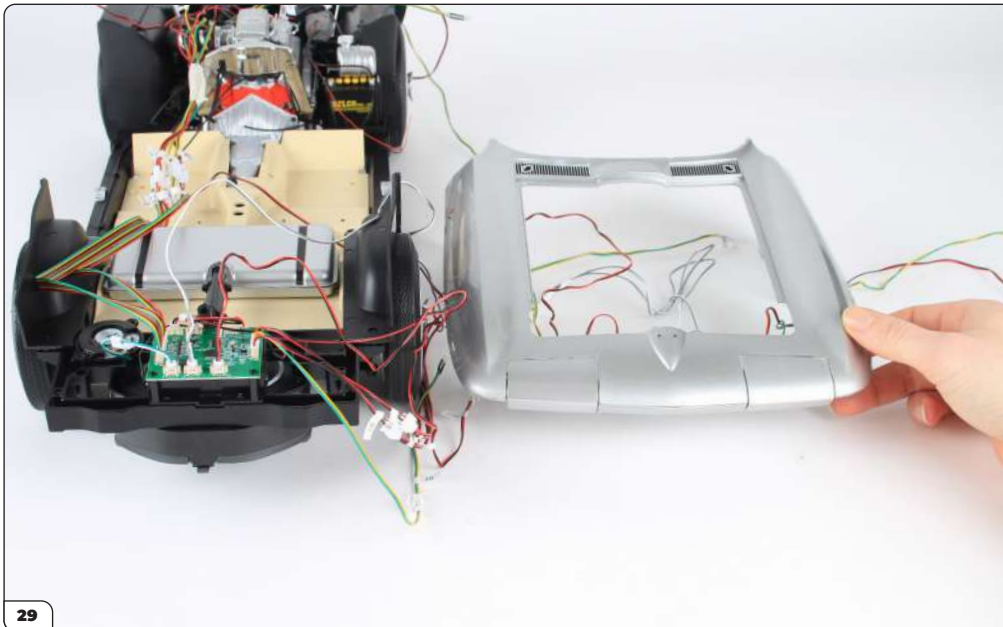
## Stage 80: Fitting and Testing the Headlights



Place the chassis assembly on the work surface and connect plug on the switch to the circuit board socket marked 'E'. Plug the motor wire into the socket marked 'Mot' (circled).

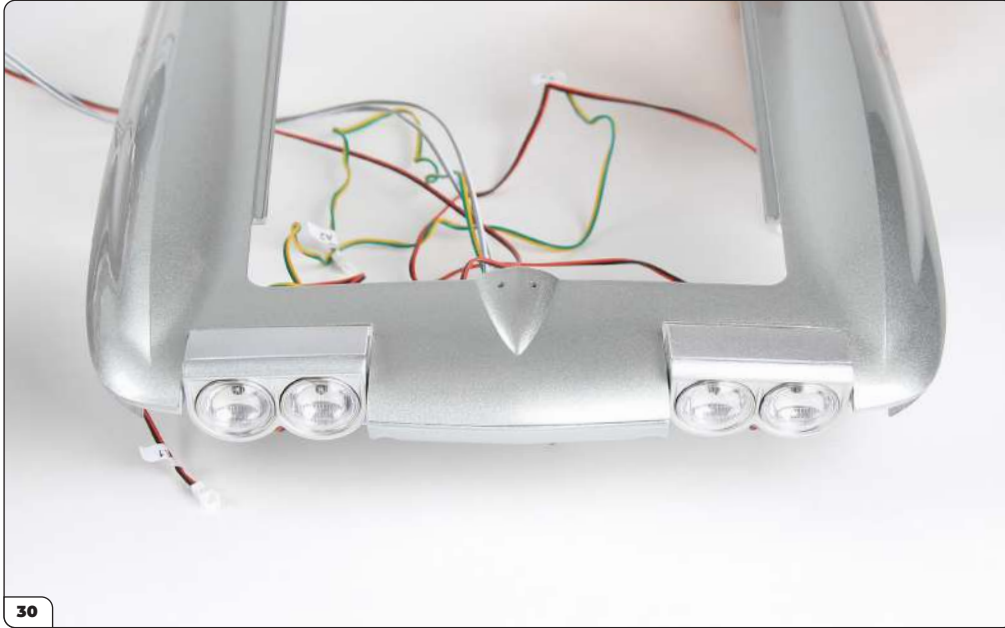


Slide the power switch to 'ON' (inset) and take the remote control. You'll test the headlights using the 'M' button (circled).



Before testing, support the front body so that the headlights can rotate unobstructed.

## Stage 80: Fitting and Testing the Headlights



Press the 'M' button on the remote control. The headlights will rotate open. Press the 'M' button a second time to close them.

If the headlights do not open fully, check the position of the shaft. If the headlights are misaligned, adjust the connection of the gear teeth. Once you have tested the headlights, turn the power switch to 'OFF'.

**STAGE COMPLETE**

