Pack 11

# LaFerrari

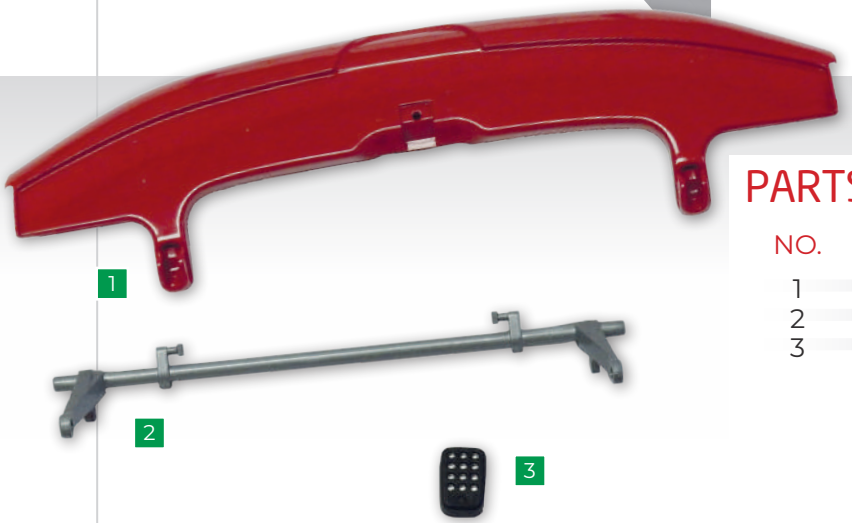
## 1:8 SCALE

**THE ULTIMATE HYPERCAR**
ULTIMATE PERFORMANCE
ULTIMATE STYLE

AGORA MODELS

# STAGE 81
# THE MOBILE WING

*LAFERRARI COULD HARDLY BE WITHOUT ITS RETRACTABLE WING, A FEATURE PRESENT ON YOUR 1:8 SCALE REPLICA*

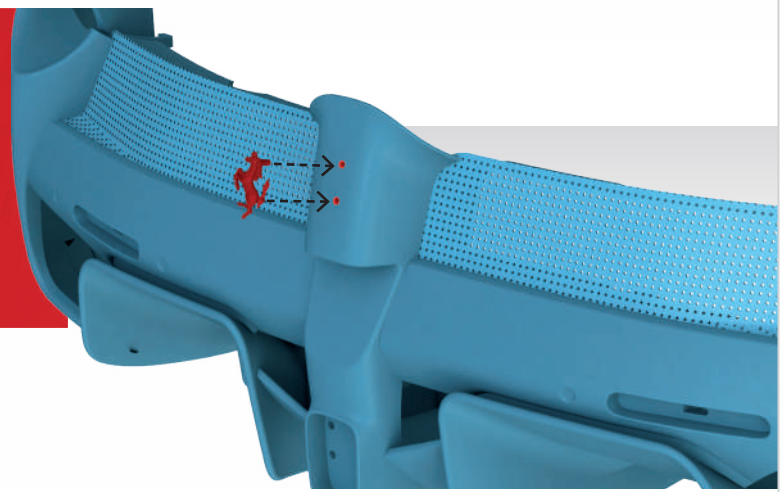



## PARTS LIST

| NO. | PART | QUANTITY | MATERIAL |
|---|---|---|---|
| 1 | Mobile wing | 1 | ABS |
| 2 | Front linkage | 1 | Metal |
| 3 | Rear fog light/parking camera | 1 | ABS |

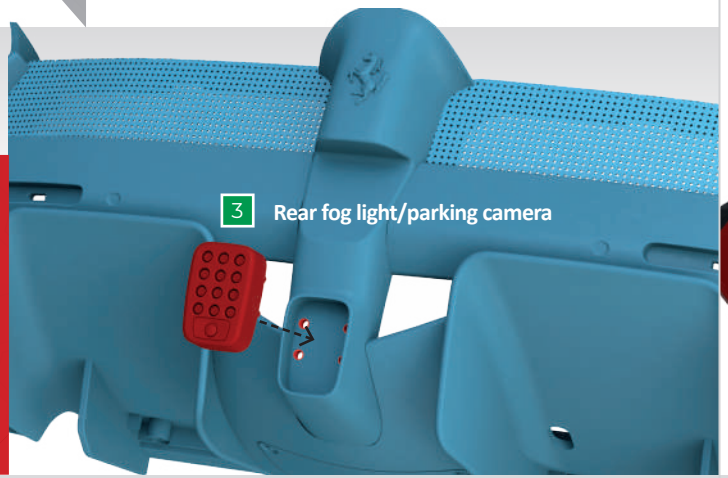
## STEP 1

Take the Ferrari emblem supplied with stage 79 and press it into the two holes in the tail assembly.



## STEP 2

Fit the rear fog light/parking camera (3) into the recess as shown.




## STAGE COMPLETE

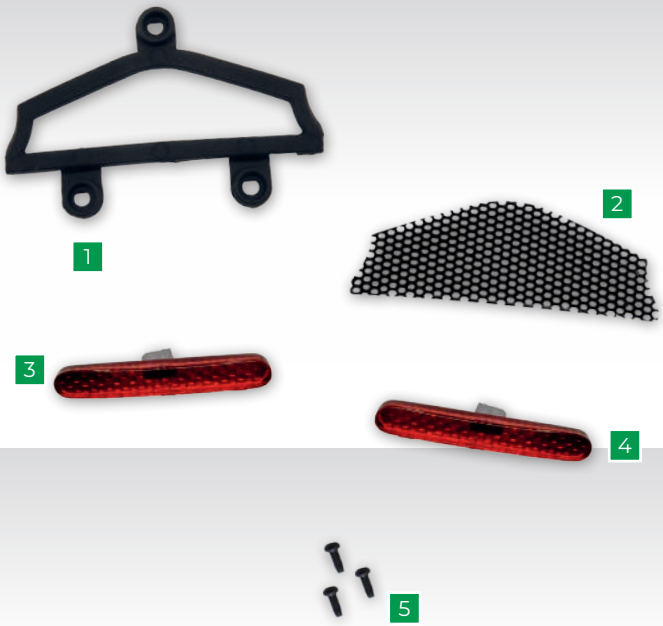
The centre of the tail has had the emblem and fog light/rear parking camera installed. You'll continue working on the tail in the next stage. Store the parts for the mobile wing until they are needed in stage 86.

# STAGE 82
# TAIL DETAILS

*DESIGNED FOR EASY ASSEMBLY, THE TAIL OF YOUR MODEL FEATURES A DETAILED REPLICA OF EVERY COMPONENT*

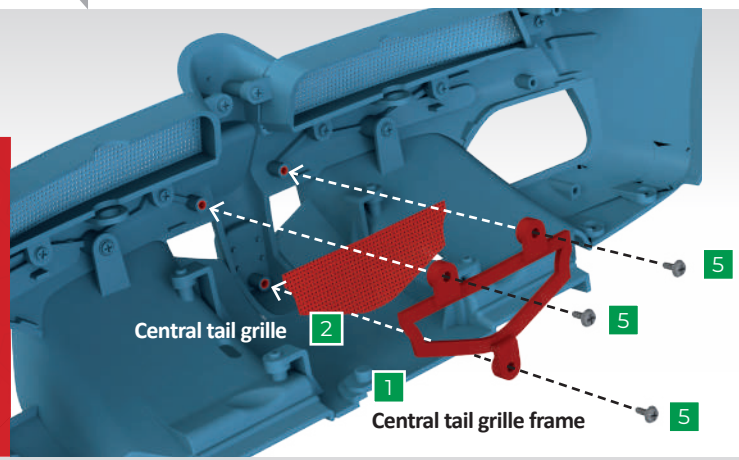
## PARTS LIST

| NO. | PART | QUANTITY | MATERIAL |
|---|---|---|---|
| 1 | Central tail grille frame | 1 | ABS |
| 2 | Central tail grille | 1 | Metal |
| 3 | Left reflector | 1 | ABS |
| 4 | Right reflector | 1 | ABS |
| 5 | Screw type H | 3 | Metal |



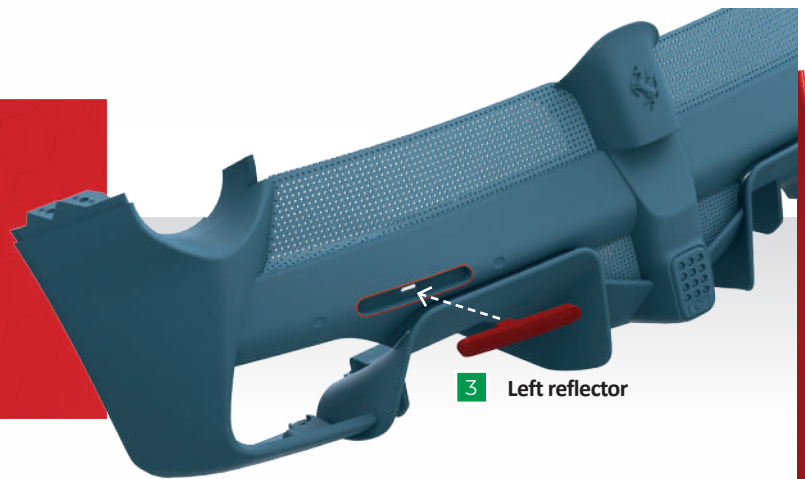

## STEP 1

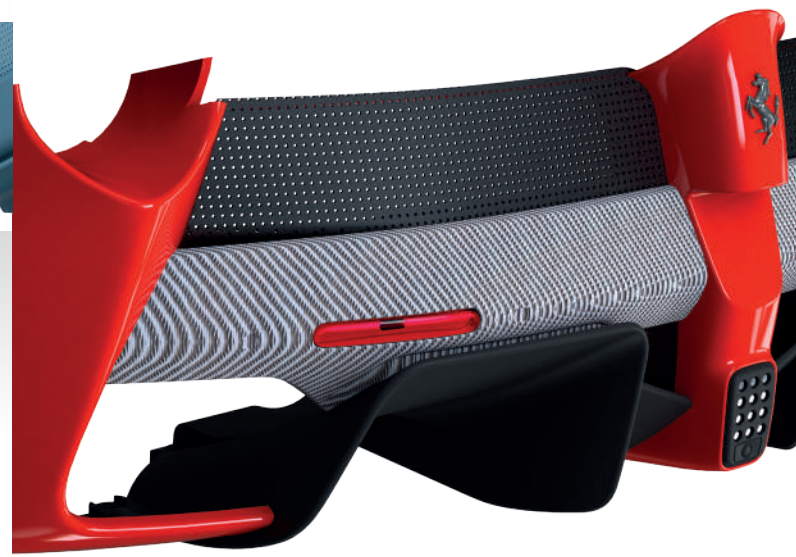
Fit the central tail grille (2) and frame (1) in the orientation shown in the image then secure using three type H screws (5). Tighten the screws fully to ensure the frame holds the grille securely.




## STEP 2

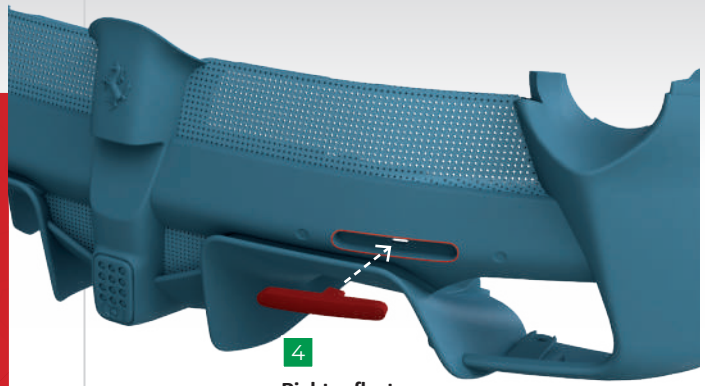
Fit the left reflector (3) by pushing the rectangular pin firmly into the shaped hole.



## STEP 3

Fit the right reflector (4) in the same way.




**Right reflector**

## STAGE COMPLETE

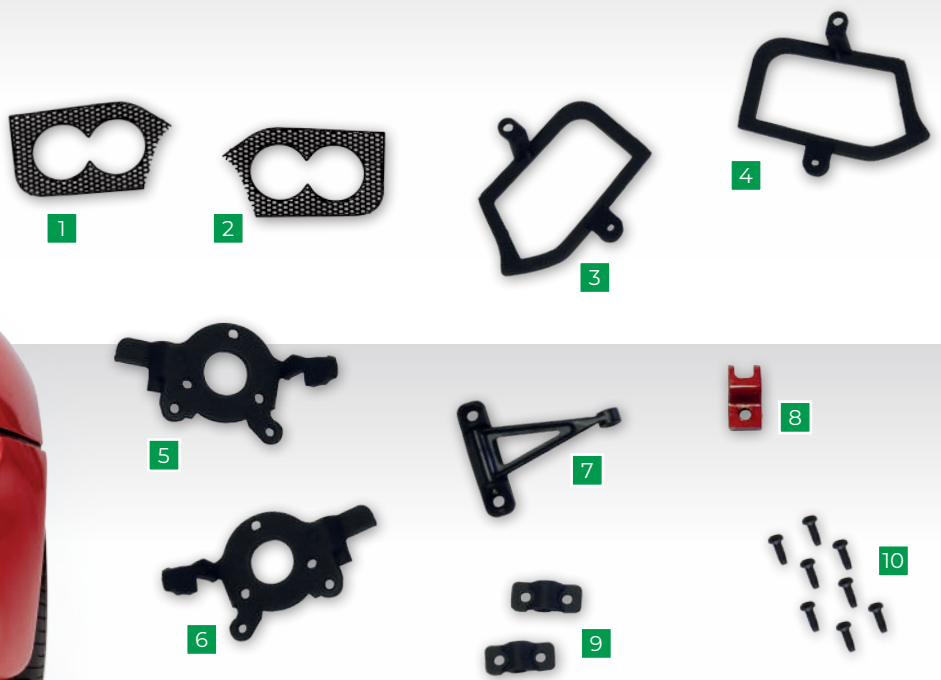
The tail has been fitted with new details. In the next stage you'll continue to work on adding details to the tail.

# STAGE 83
# TAIL DETAILS (2)

*THE AERODYNAMIC INNOVATIONS AND ADVANCED ENGINEERING OF THE ENGINE MAKE LAFERRARI A MASTERPIECE OF ITALIAN DESIGN*

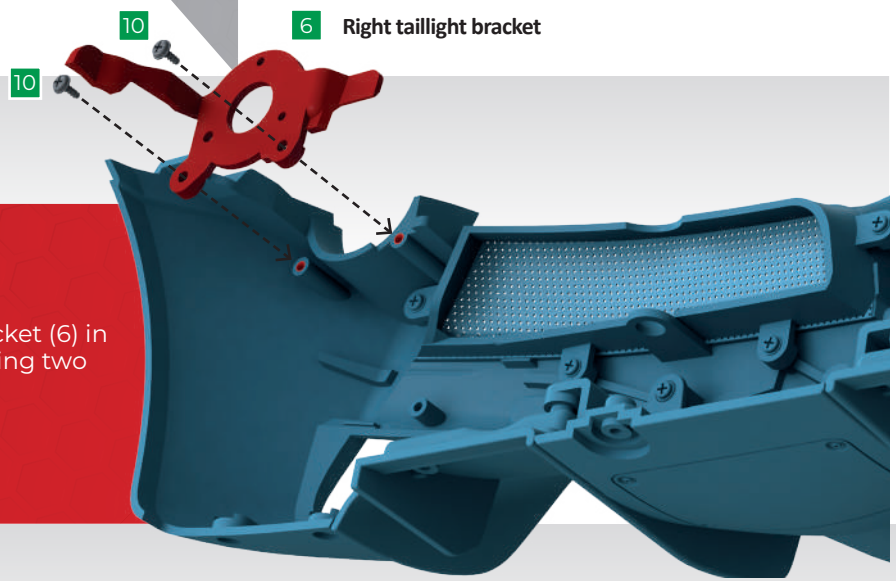
## PARTS LIST

| NO. | PART | QUANTITY | MATERIAL |
|---|---|---|---|
| 1 | Left exhaust grille | 1 | Metal |
| 2 | Right exhaust grille | 1 | Metal |
| 3 | Left exhaust grille frame | 1 | ABS |
| 4 | Right exhaust grille frame | 1 | ABS |
| 5 | Left taillight bracket | 1 | ABS |
| 6 | Right taillight bracket | 1 | ABS |
| 7 | Rear linkage | 1 | ABS |
| 8 | Mobile wing bracket | 1 | Metal |
| 9 | Bracket | 2 | ABS |
| 10 | Screw type H | 8 | Metal |

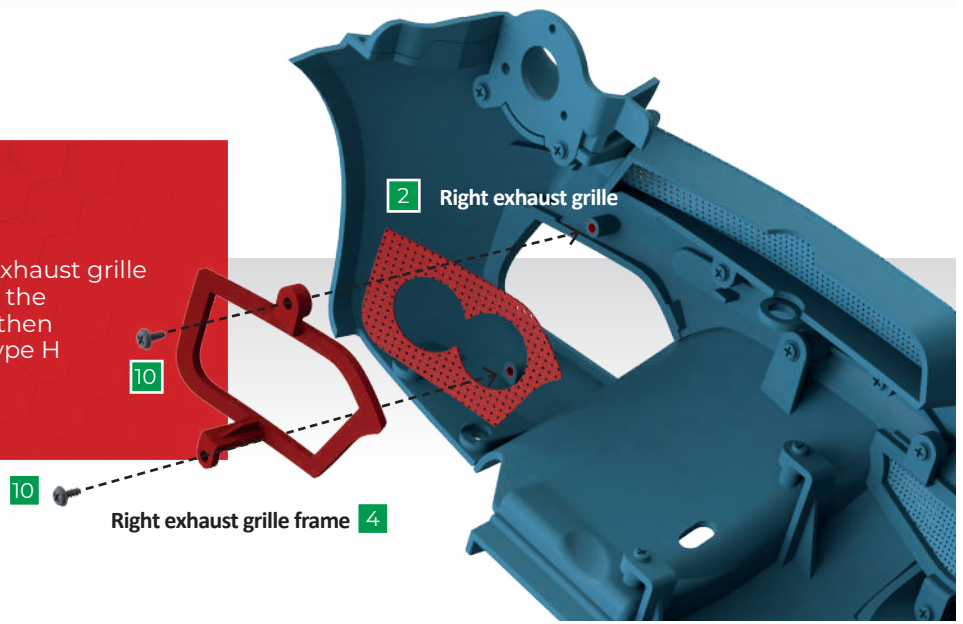
## STEP 1

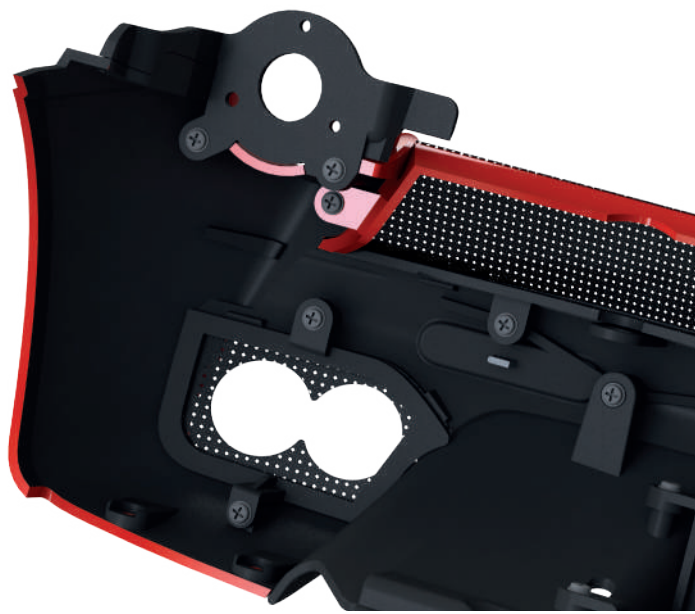
Fit the right taillight bracket (6) in position and secure it using two type H screws (10).




## STEP 2

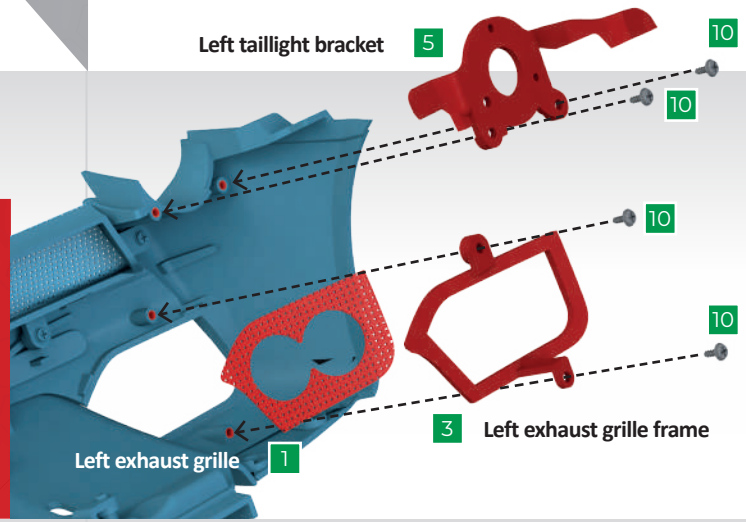
Position the right exhaust grille (2) and frame (4) in the orientation shown then secure using two type H screws (10).



## STEP 3

Fit the left taillight bracket (5), exhaust grille (1) and frame (3) and secure using four type H screws (10) in the same way.




## STAGE COMPLETE

The taillight brackets and exhaust grilles have been fixed to the tail.

# STAGE 84
# THE REAR LIGHTS

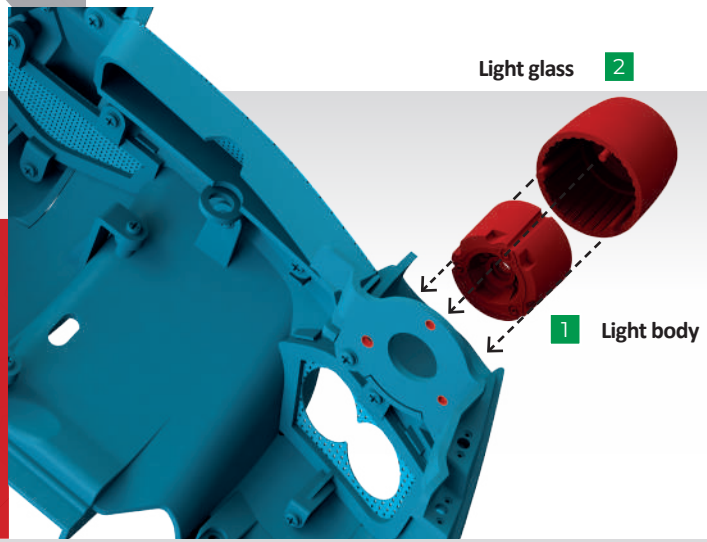
*THE CIRCULAR SHAPE OF THE LAFERRARI'S REAR LIGHTS HARMONISE PERFECTLY WITH THE LINE OF THE TAIL, FULFILLING THEIR FUNCTION WITHOUT COMPROMISING AESTHETICS*

## PARTS LIST

| NO. | PART | QUANTITY | MATERIAL |
|---|---|---|---|
| 1 | Rear light body | 2 | ABS |
| 2 | Rear light glass | 2 | ABS |
| 3 | LED cable | 1 | Vari |

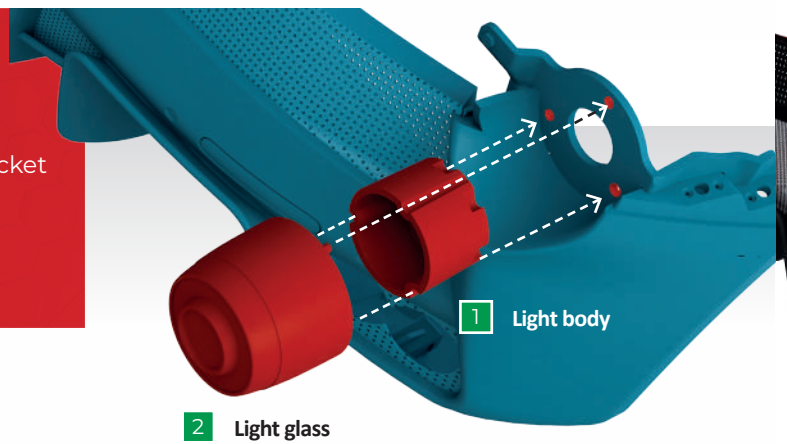
## STEP 1

Fit a light body (1) into one of the light glasses (2) then mount onto the left taillight bracket. The parts are designed to fit together in one orientation.



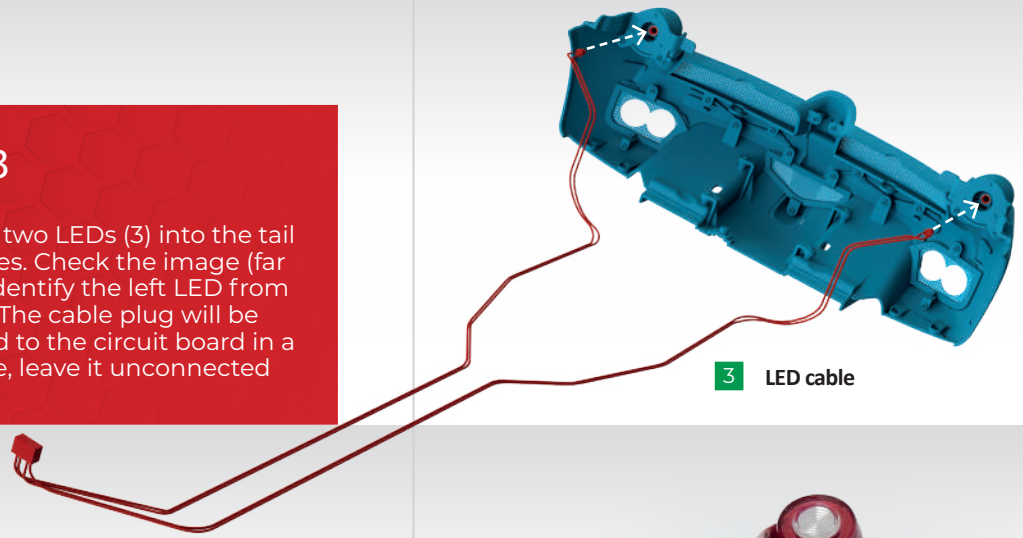

## STEP 2

Fit the remaining light body (1) and glass (2) onto the right bracket in the same way.

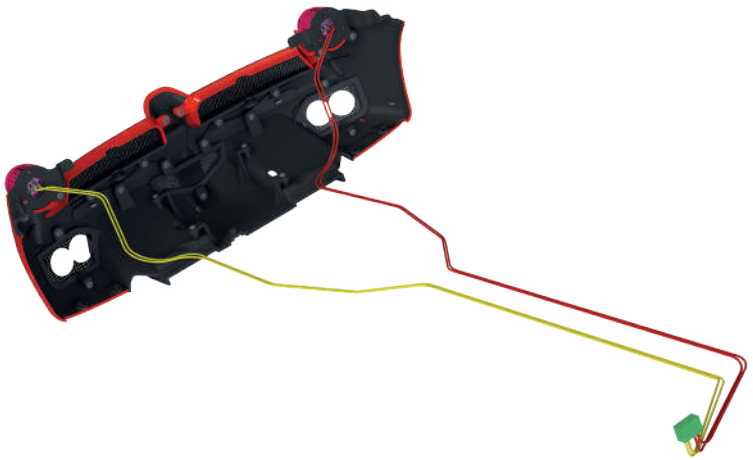



## STEP 3

Insert the two LEDs (3) into the tail light bodies. Check the image (far right) to identify the left LED from the right. The cable plug will be connected to the circuit board in a later stage, leave it unconnected for now.



3 LED cable



## STAGE COMPLETE

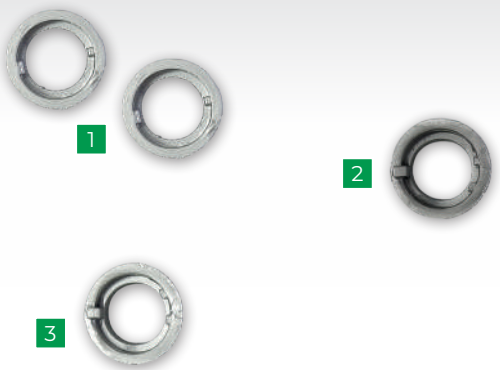
The rear lights and their LEDs have been fitted to the tail. Next you'll work on the exhausts.

# STAGE 85
# THE EXHAUST TAILPIPES

*IN ULTRA-HIGH PERFORMANCE CARS, THE EXHAUST SYSTEM HAS SIGNIFICANT INFLUENCE ON THE EFFICIENCY AND POWER OUTPUT*

## PARTS LIST

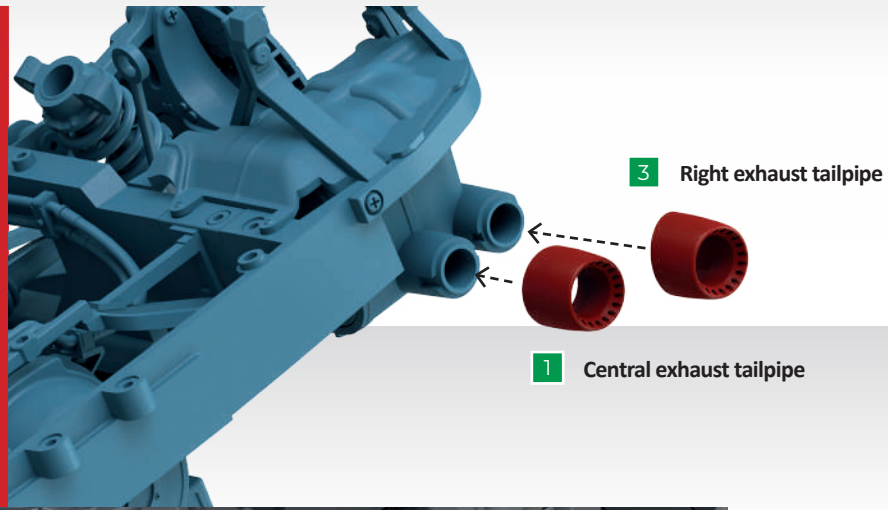
| NO. | PART | QUANTITY | MATERIAL |
|---|---|---|---|
| 1 | Central exhaust tailpipe | 2 | ABS |
| 2 | Left exhaust tailpipe | 1 | ABS |
| 3 | Right exhaust tailpipe | 1 | ABS |
| 4 | Safety clip | 2 | ABS |

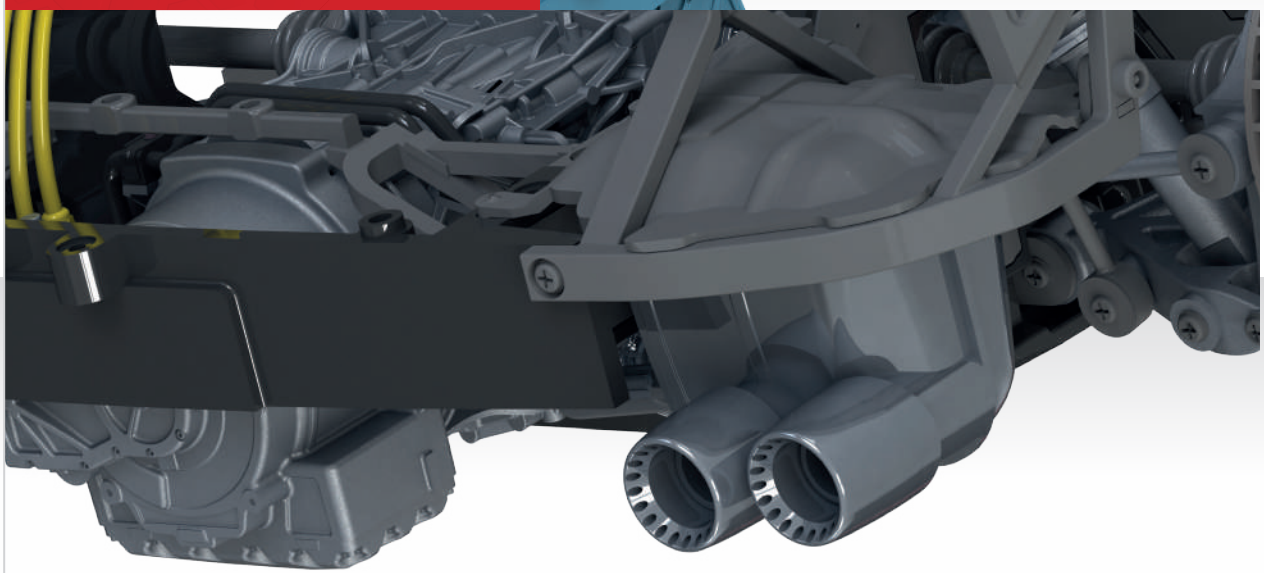




## STEP 1

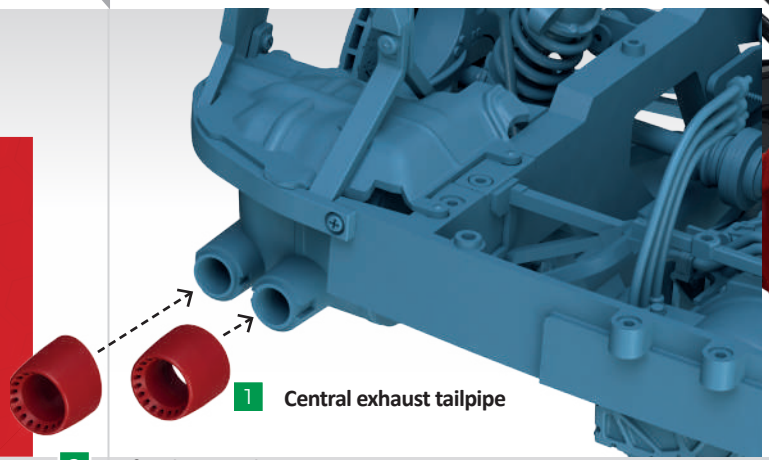
Press a central (1) and the right (3) exhaust tailpipe in place, using the notches on the exhaust to get a precise fit.



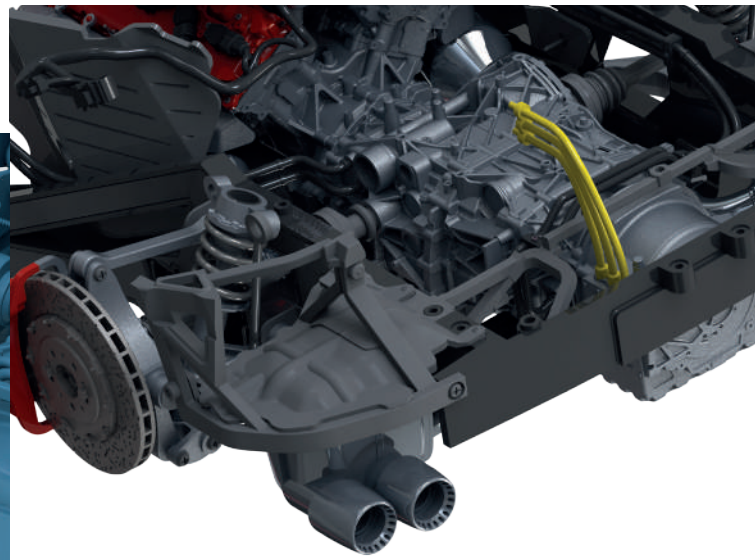
## STEP 2

Fit the other central (1) and left (2) exhaust tailpipe to the other side in the same way.



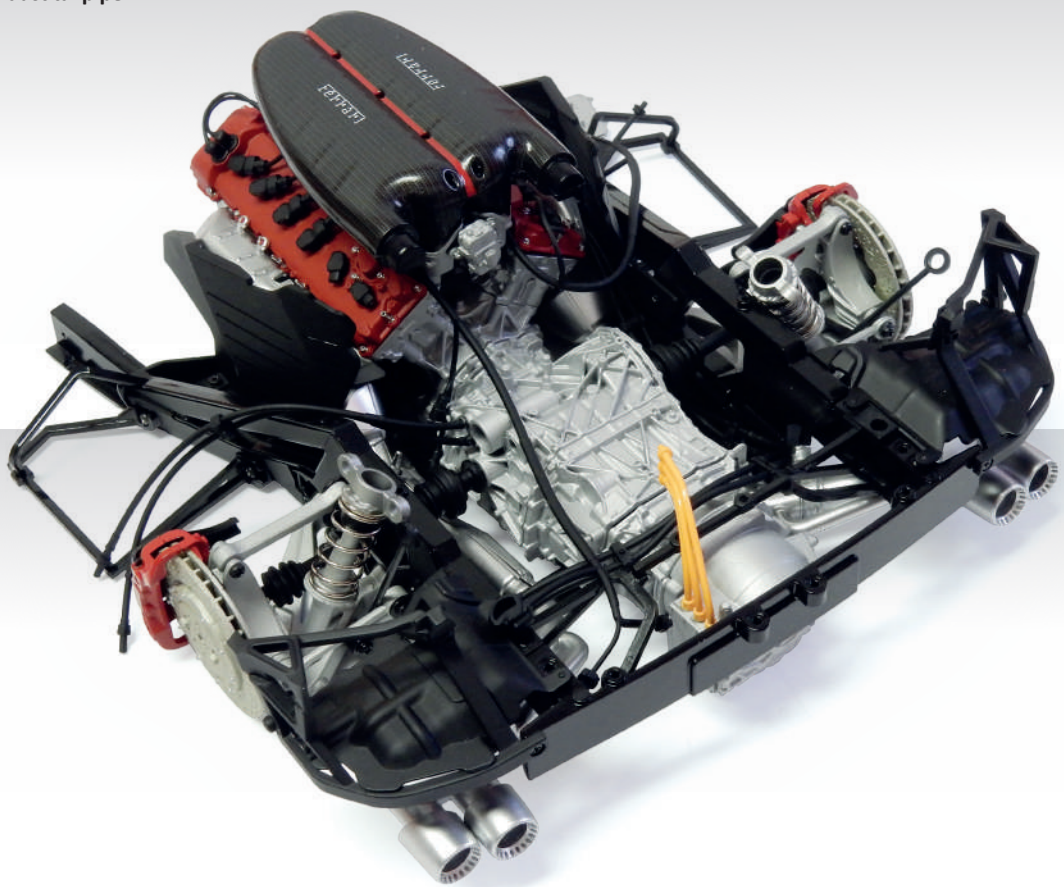
1 Central exhaust tailpipe

2 Left exhaust tailpipe



## STAGE COMPLETE

The rear of your model is now ready for mounting the tail bodywork which will be done in the next stage.

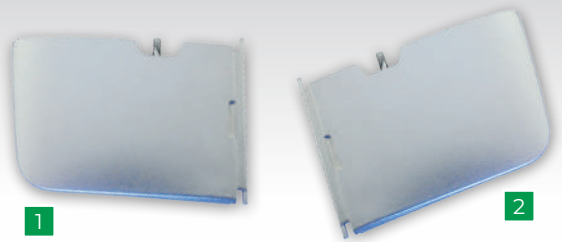


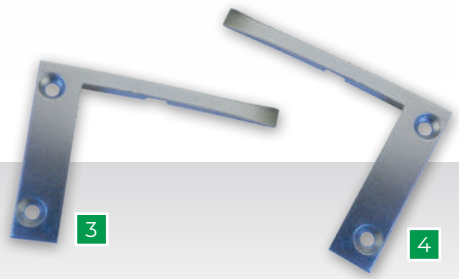
# STAGE 86
# THE ACTIVE DIFFUSERS

*LAFERRARI'S ACTIVE AERODYNAMICS INVOLVES THE USE OF ACTIVE DIFFUSERS TO MAXIMISE PERFORMANCE AND CONTROL DEPENDING ON THE DRIVING CONDITIONS*

## PARTS LIST

| NO. | PART | QUANTITY | MATERIAL |
|---|---|---|---|
| 1 | Left active diffuser | 1 | ABS |
| 2 | Right active diffuser | 1 | ABS |
| 3 | Right active diffuser frame | 1 | ABS |
| 4 | Left active diffuser frame | 1 | ABS |
| 5 | Screw type F | 1 | Metal |
| 6 | Screw type P | 3 | Metal |
| 7 | Screw type H | 4 | Metal |
| 8 | Screw type D | 2 | Metal |
| 9 | Screw type Y | 4 | Metal |

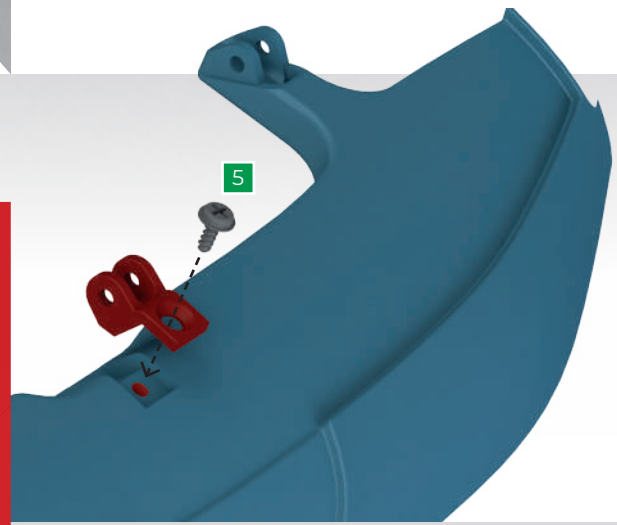


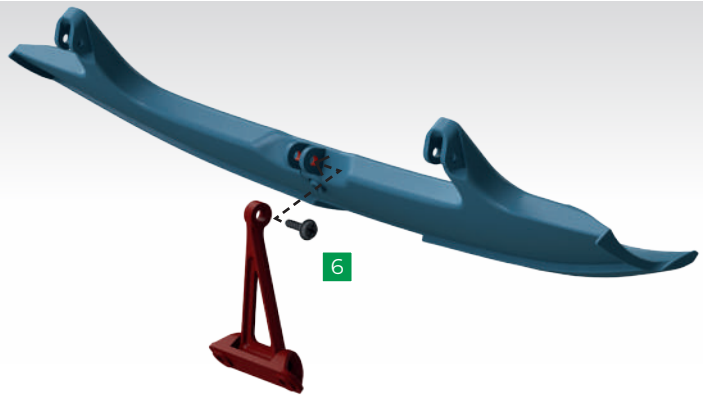





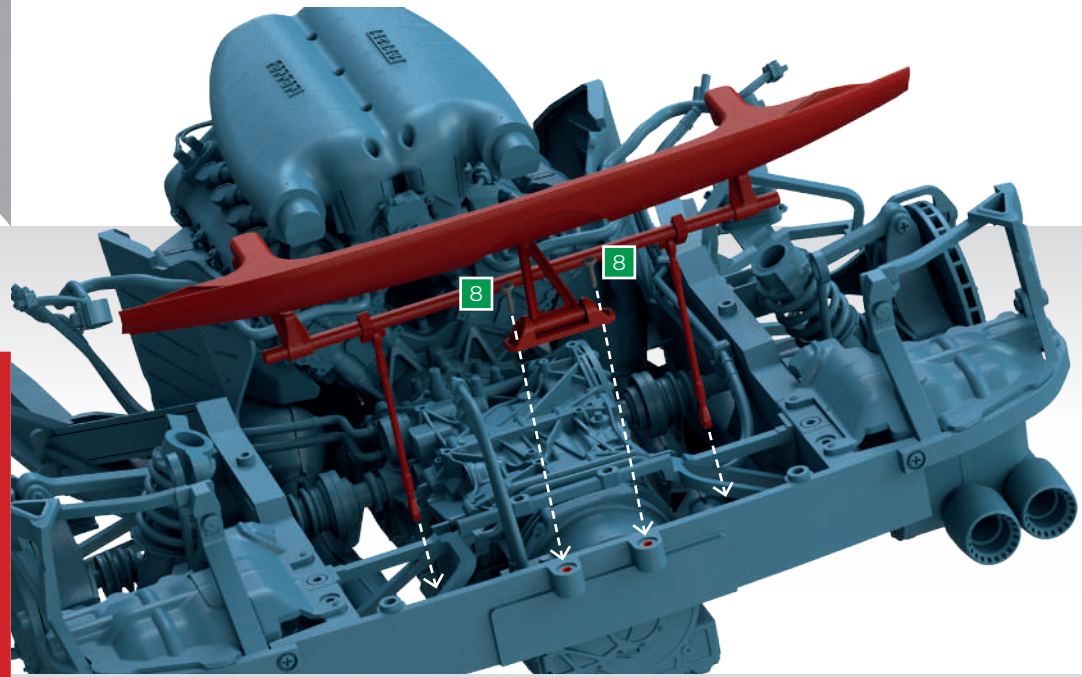
## STEP 1

Fit the mobile wing bracket (from stage 83) onto the mobile wing (stage 81) and secure using a type F screw (5). Fit the rear linkage (stage 83) into the bracket and fix with a type P screw (6). Push the safety clips (stage 85) onto the front linkage (stage 81) using the rectangular shaped fittings. Fit and secure the linkage to the wing using two type P screws (6).



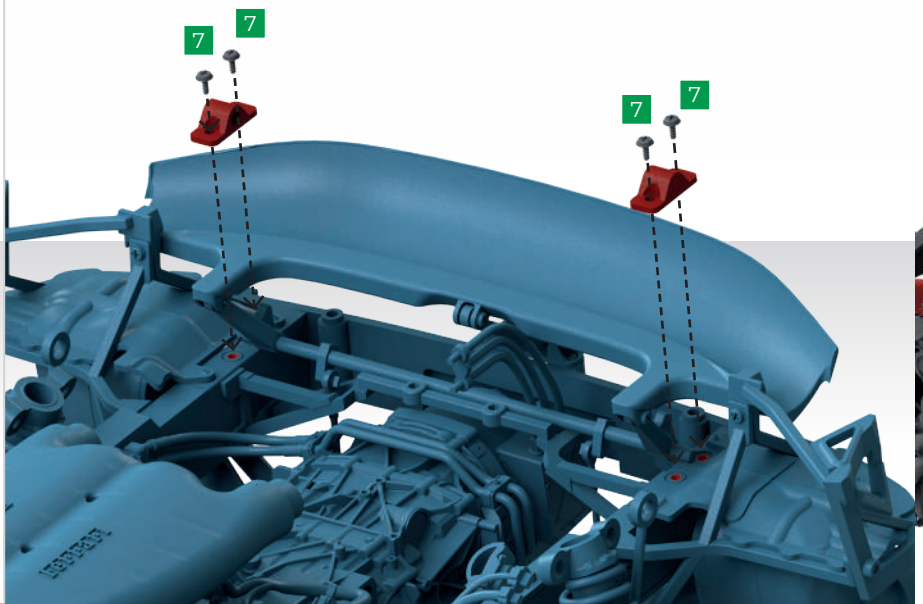



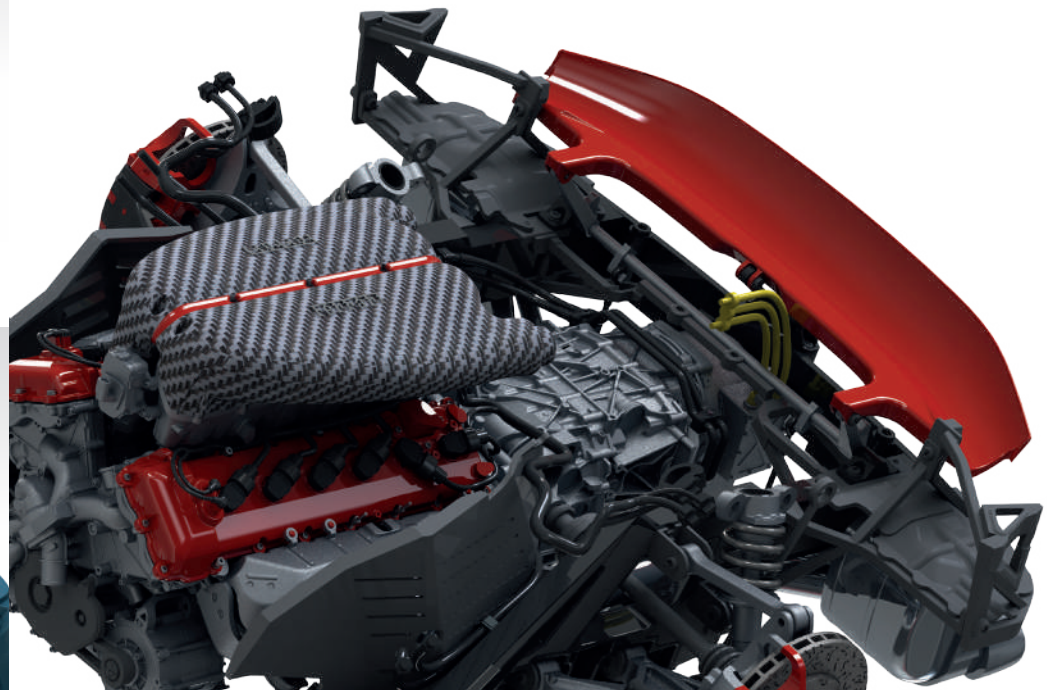





## STEP 2

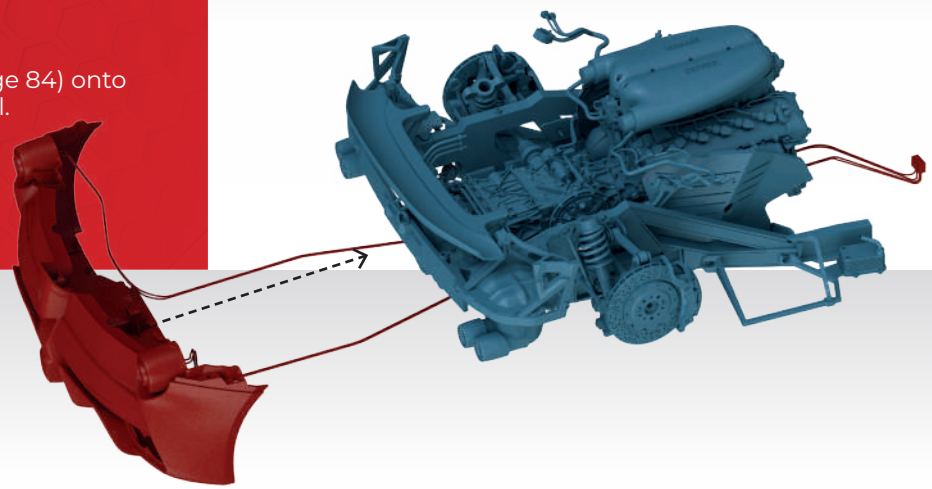
Position the rear linkage onto the rear frame as shown and secure using two type D screws (8). Thread the ends of the safety clips through the chassis directly below. Take the brackets from stage 83 and position them over the ends of the rear linkage then secure using four type H screws (7).



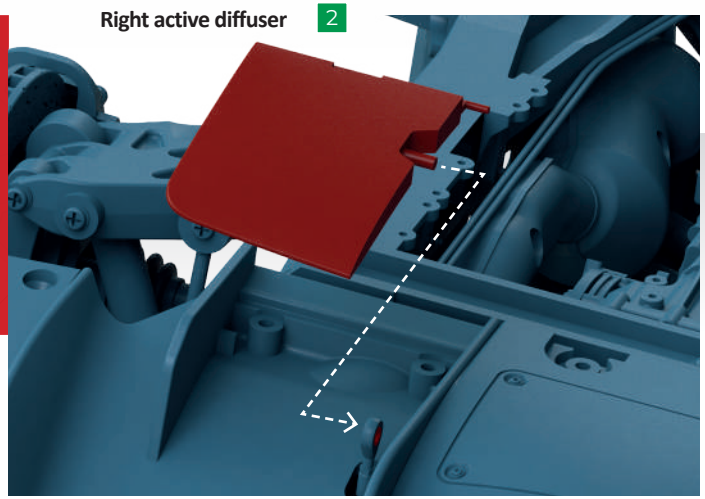
## STEP 3

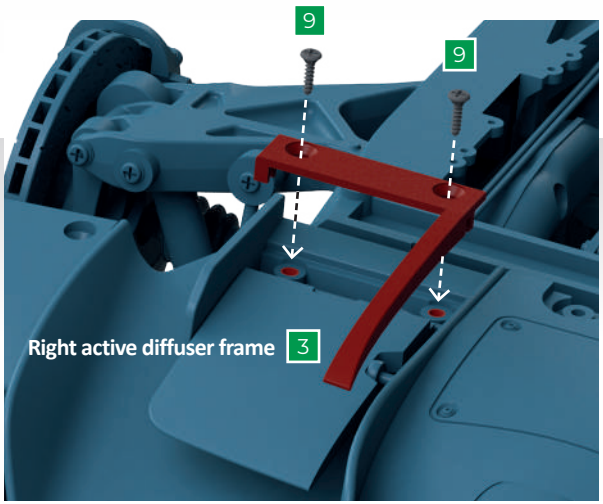
Fit the tail body (stage 84) onto the rear of the model. Thread the ends of the safety clips through the holes (see step 4).



## STEP 4

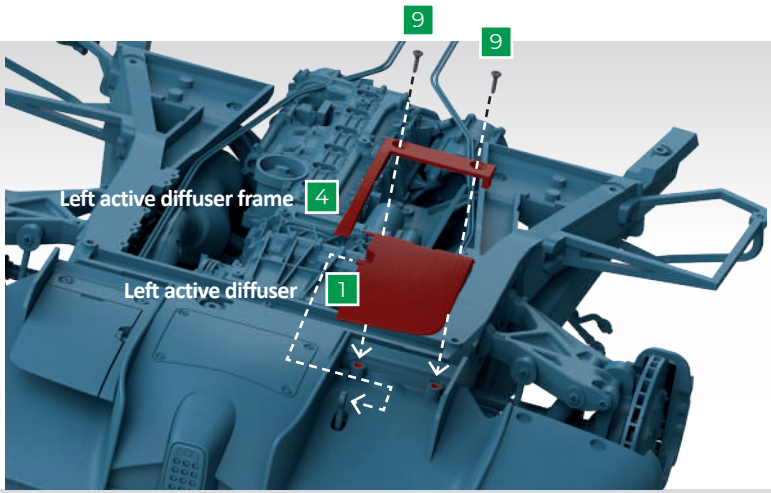
Carefully turn the model upside down and fit the right active diffuser (2) into the end of the safety clip. Secure it in place by fixing the frame over it with two type Y screws (9).

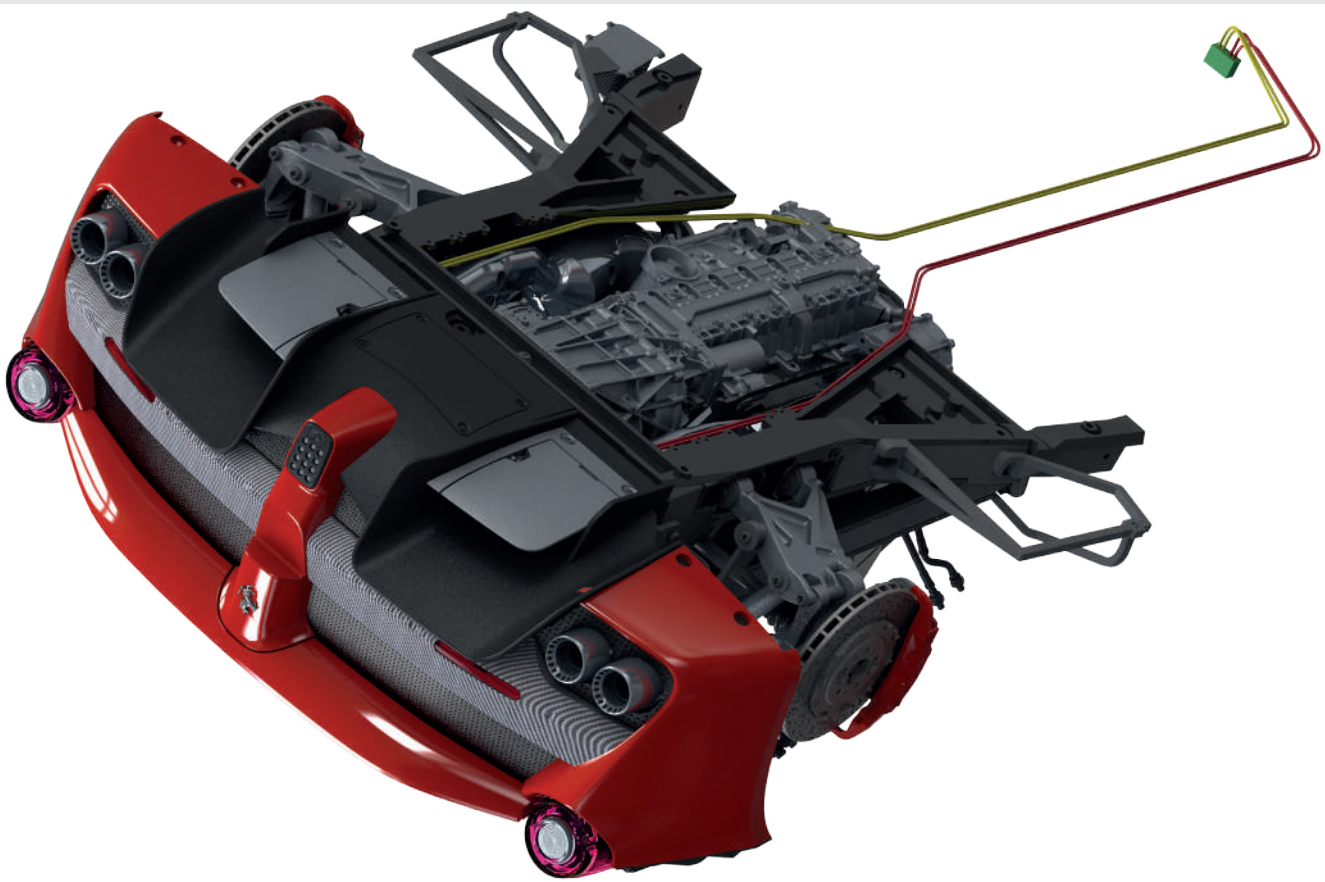


## STEP 5

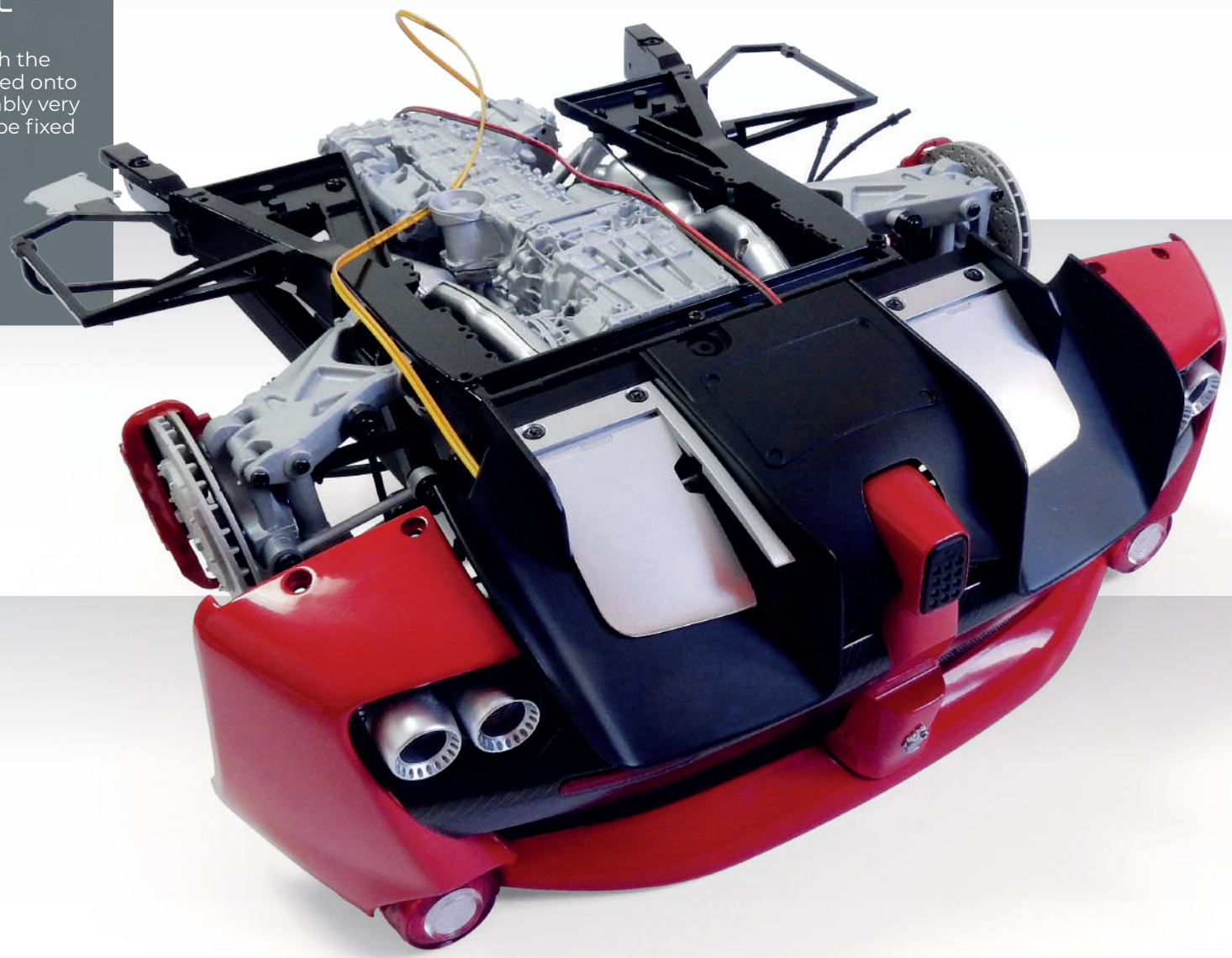
Fit the left active diffuser (1) and frame (4) in the same way and secure with two type Y screws (9).



## STAGE COMPLETE

The tail has been fitted with the active diffusers and mounted onto the frame. Store the assembly very carefully, the tail body will be fixed in a later stage.



# STAGE 87
# THE OIL VAPOUR TANK

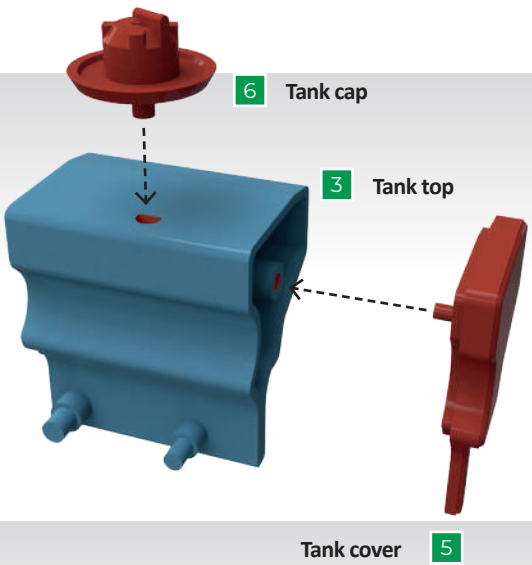
*IN INTERNAL COMBUSTION ENGINES, THE OIL VAPOUR RECOVERY TANK IS USED TO COLLECT THE VAPOURS AND, THROUGH CONDENSATION, RETURN THE OIL IN SUSPENSION TO CIRCULATION*

## PARTS LIST

| NO. | PART | QUANTITY | MATERIAL |
|---|---|---|---|
| 1 | Oil vapour recovery tank A | 1 | ABS |
| 2 | Oil vapour recovery tank B | 1 | ABS |
| 3 | Tank top | 1 | ABS |
| 4 | Dipstick unit | 1 | ABS |
| 5 | Tank cover | 1 | ABS |
| 6 | Tank cap | 1 | ABS |
| 7 | Cap | 1 | ABS |

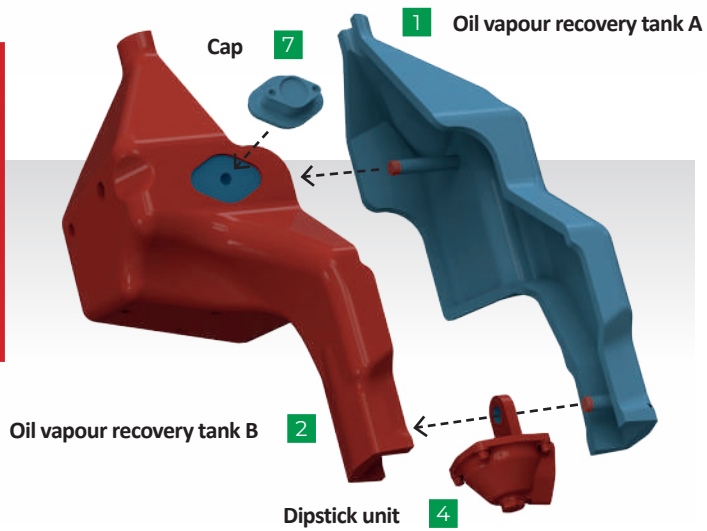
## STEP 1

Fit the tank top (3) with the tank cover (5) and tank cap (6).



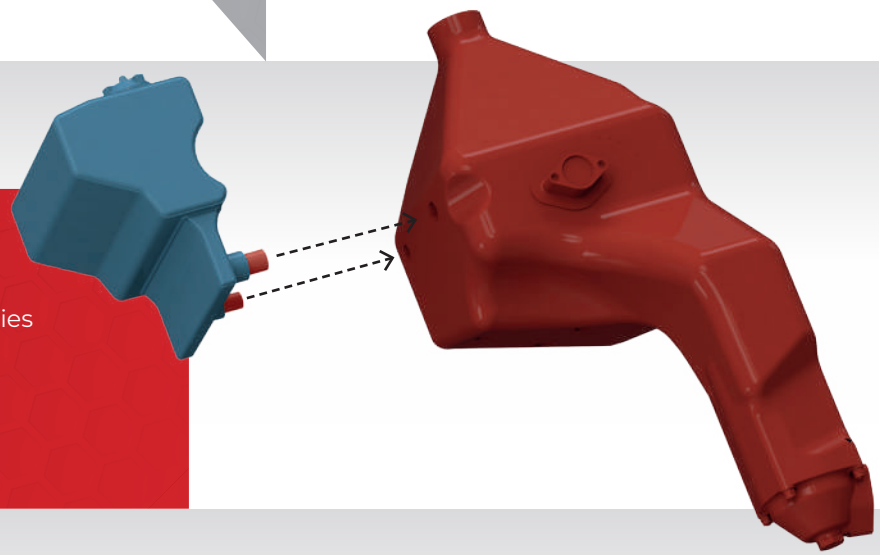

## STEP 2

Fit the cap (7) onto the oil vapour recovery tank B (2). Press tank A (1) onto tank B, fitting the dipstick unit (4) between them as shown.




## STEP 3

Press the two assemblies together as shown.



## STAGE COMPLETE

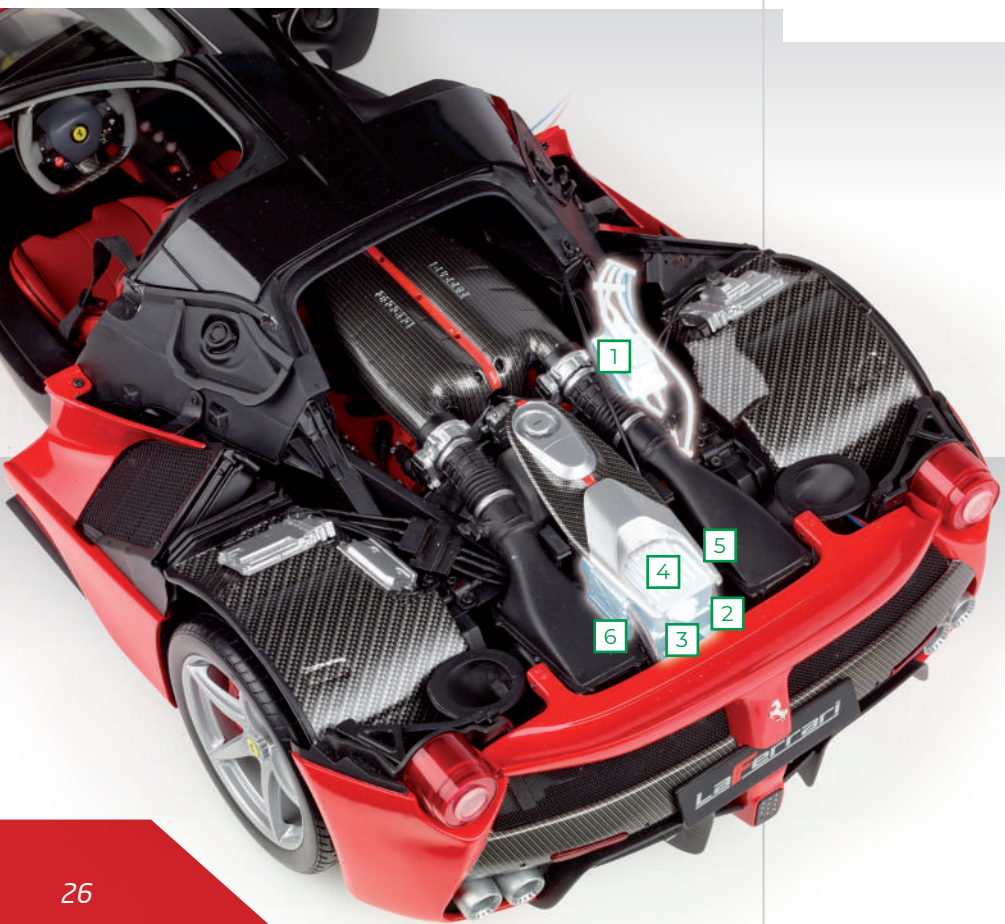
The oil vapour recovery tank has been assembled. Store it away carefully until needed.

# STAGE 88
# THE HY-KERS INVERTER

*DEVELOPED BY MAGNETI MARELLI FOR FERRARI, THE REVOLUTIONARY HY-KERS SYSTEM CONSISTS OF TWO ELECTRIC ENGINES AND A COMPACT, LIGHTWEIGHT COUPLED INVERTER THAT CONTROLS THEIR OPERATION*

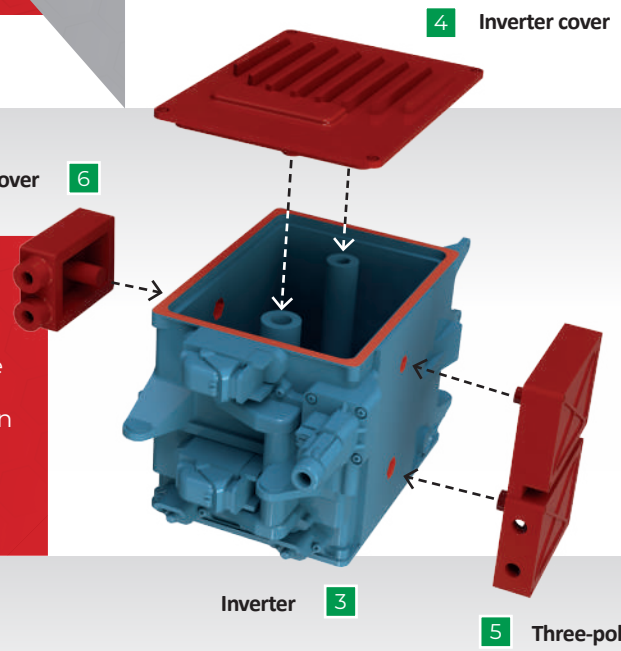
## PARTS LIST

| NO. | PART | QUANTITY | MATERIAL |
|---|---|---|---|
| 1 | Cable 1 | 1 | Varied |
| 2 | Cable 2 | 1 | Varied |
| 3 | Inverter | 1 | ABS |
| 4 | Inverter cover | 1 | ABS |
| 5 | Three-pole box covers | 1 | ABS |
| 6 | Bi-pole box cover | 1 | ABS |
| 7 | Right bracket | 1 | ABS |
| 8 | Left bracket | 1 | ABS |



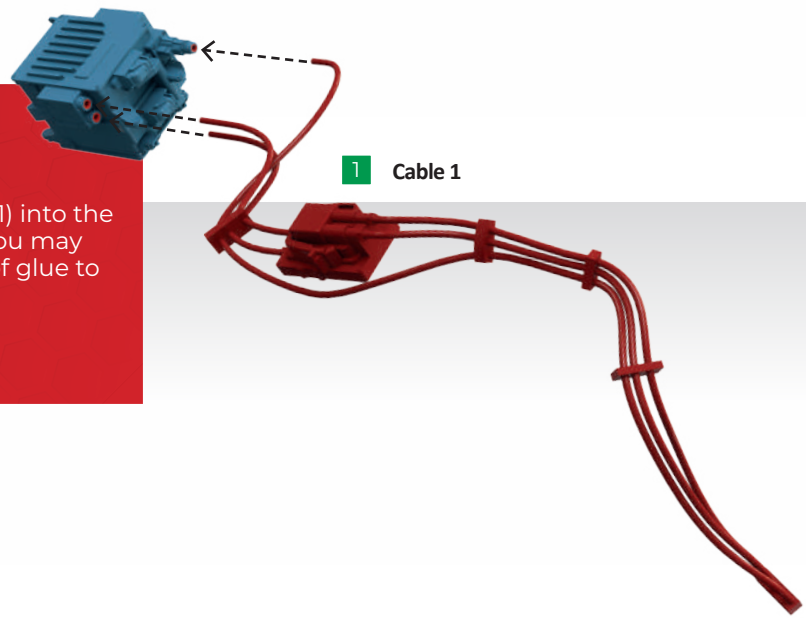

## STEP 1

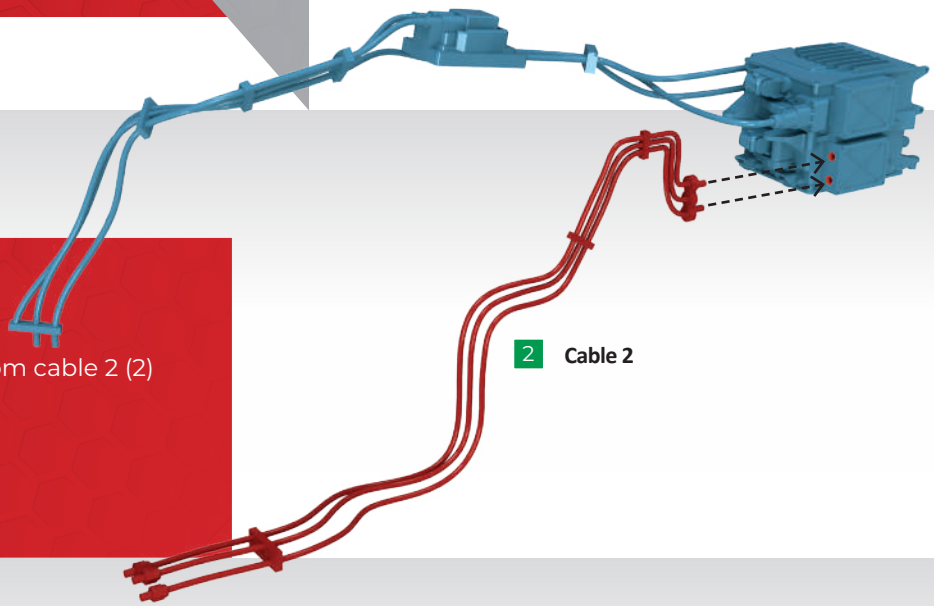
Fit the inverter (3), its cover (4), the three-pole box covers (5) and the bi-pole cover (6) together as shown in the image.



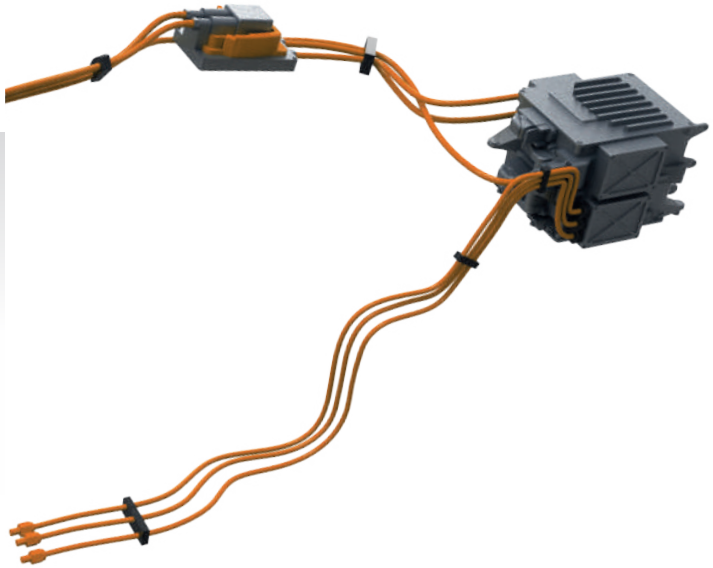

## STEP 2

Insert the ends of cable 1 (1) into the inverter holes as shown. You may want to use a small drop of glue to hold them in place.



2 Cable 2

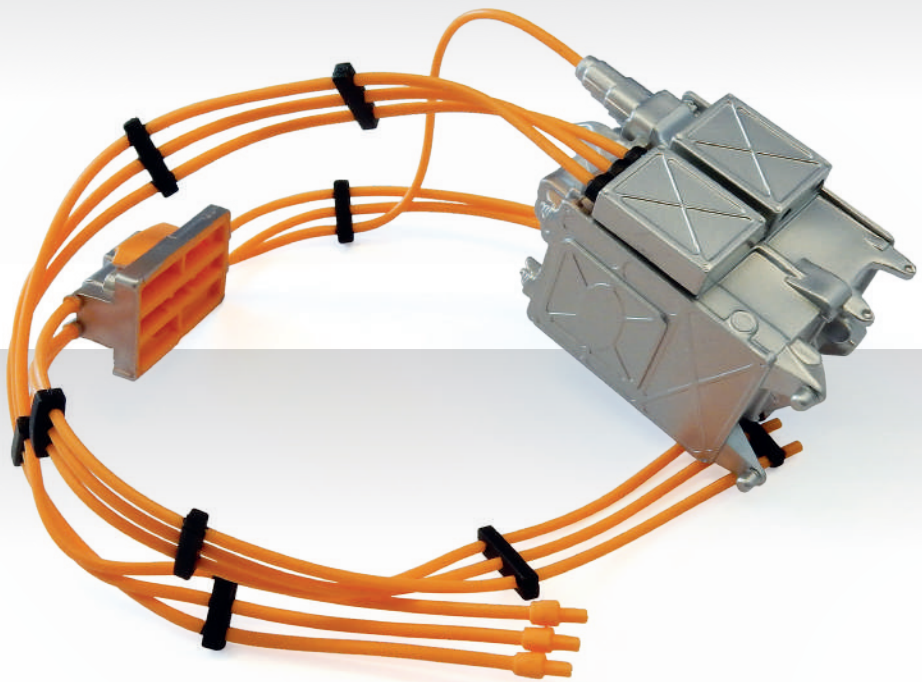


## STEP 3

Fit the two pins from cable 2 (2) in the same way.

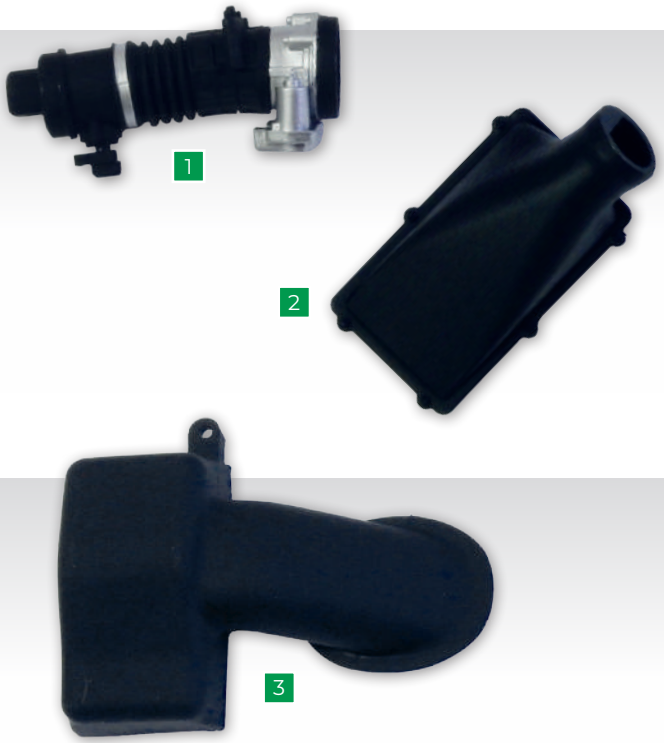
## STAGE COMPLETE

The inverter for your 1:8 scale LaFerrari is ready to be installed into the engine compartment.



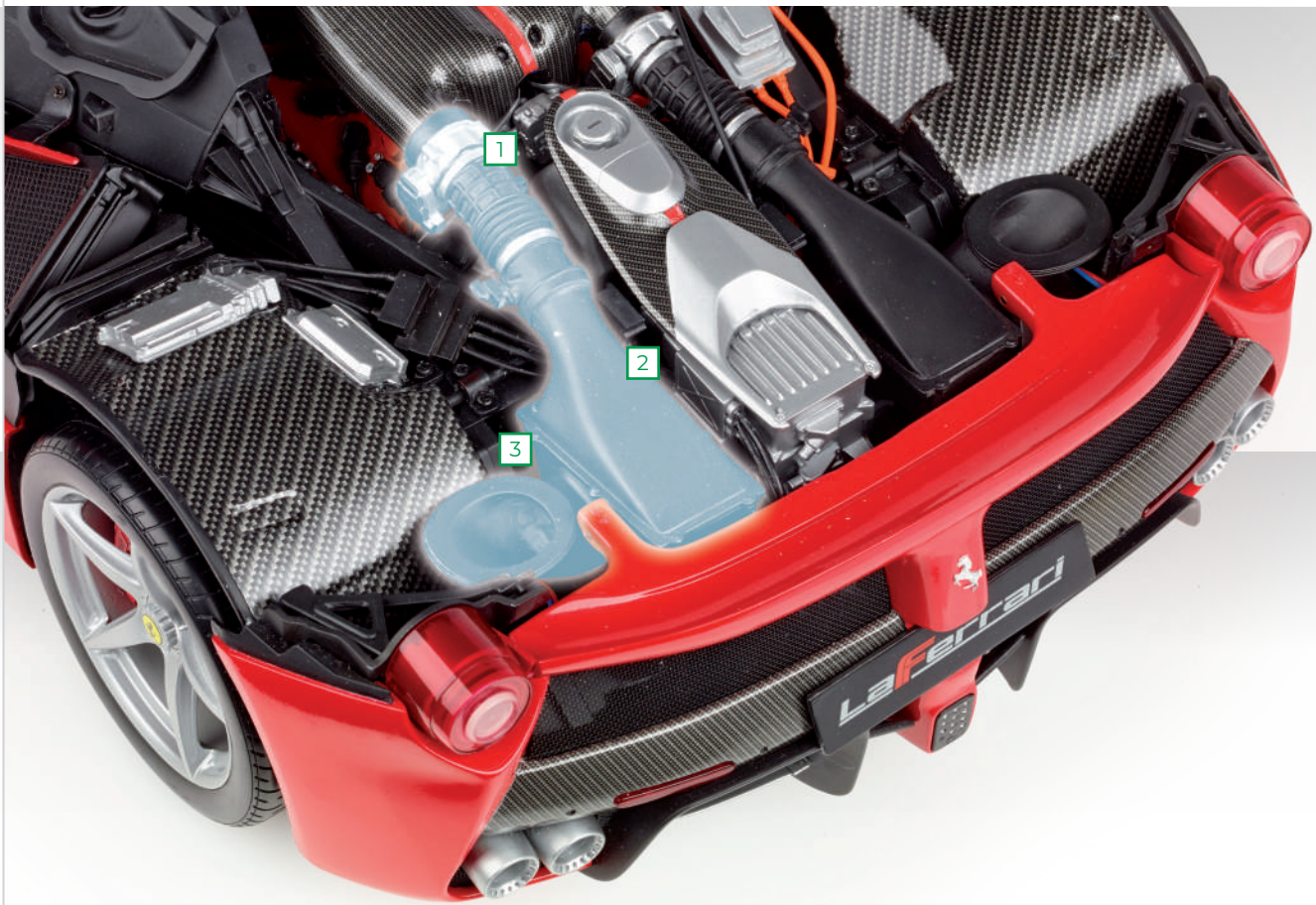
# STAGE 89
# THE LEFT AIR FILTER

*LIKE ALL VEHICLES WITH AN INTERNAL COMBUSTION ENGINE, LAFERRARI NEEDS TO DRAW IN AIR, CLEANED THROUGH THE FILTER, TO COMBINE IT WITH PETROL AND FEED ITS POWERFUL TWELVE-CYLINDER ENGINE*



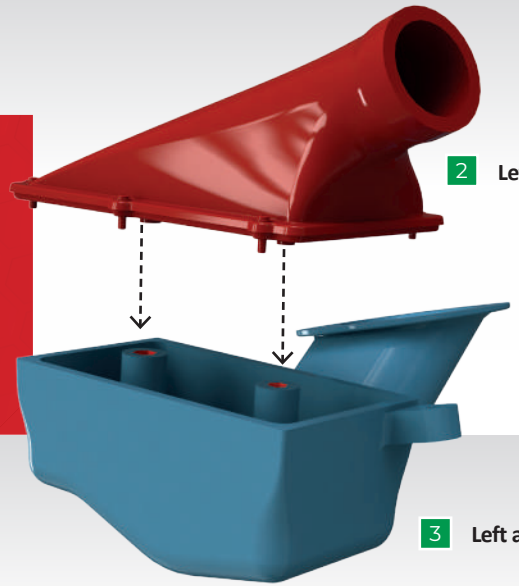

## PARTS LIST

| NO. | PART | QUANTITY | MATERIAL |
|---|---|---|---|
| 1 | Left intake sleeve | 1 | ABS |
| 2 | Left air filter box cover | 1 | ABS |
| 3 | Left air filter box | 1 | ABS |



## STEP 1

Fit the left air filter box (3) and cover (2) together.

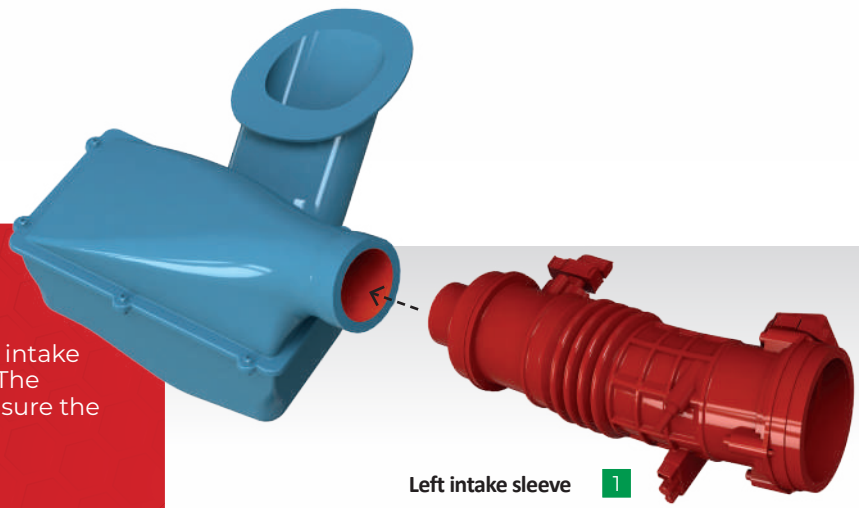


2 Left air filter box cover

3 Left air filter box

## STEP 2

Insert the end of the left intake sleeve (1) into the cover. The fittings are shaped to ensure the correct orientation.



Left intake sleeve 1

## STAGE COMPLETE

The left air filter system is complete. Store it away until it is needed in a later stage.

# STAGE 90
# THE RIGHT AIR FILTER

*THE RIGHT AIR INTAKE, LIKE THE LEFT, IS FITTED WITH A FILTER THAT ALLOWS CLEAN AIR TO BE TRANSFERRED TO THE BOX*

# PARTS LIST

| NO. | PART | QUANTITY | MATERIAL |
|---|---|---|---|
| 1 | Right intake sleeve | 1 | ABS |
| 2 | Right air filter box cover | 1 | ABS |
| 3 | Right air filter box | 1 | ABS |

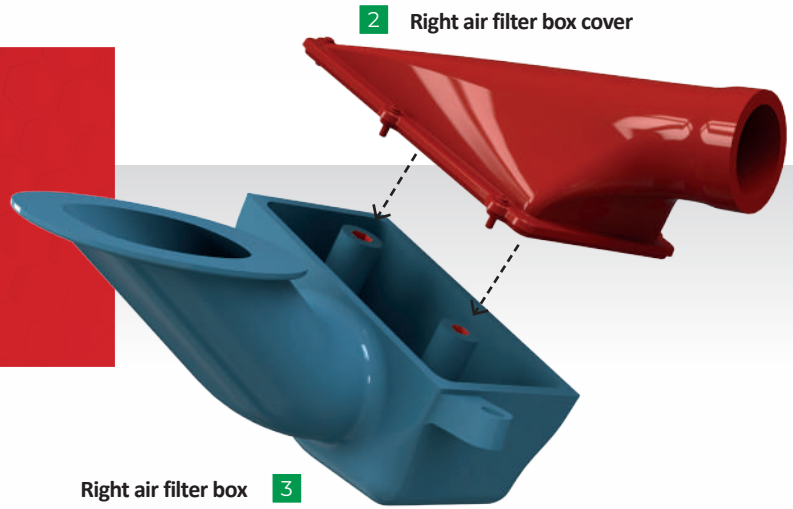
2

1

3

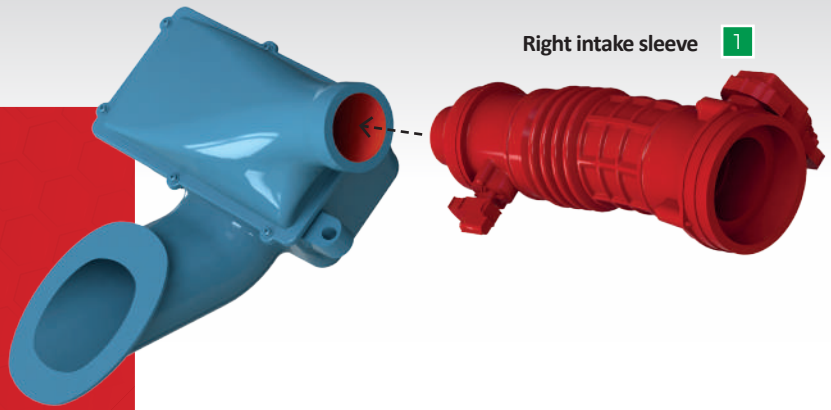
## STEP 1

Fit the right air filter box (3) and cover (2) together.




## STEP 2

Insert the end of the right intake sleeve (1) into the cover as shown.




## STAGE COMPLETE

The right air filter system has been built. Store it away until it is time to install it on your model.