Pack 6

LaFerrari

1:8 SCALE

THE ULTIMATE HYPERCAR
ULTIMATE PERFORMANCE
ULTIMATE STYLE

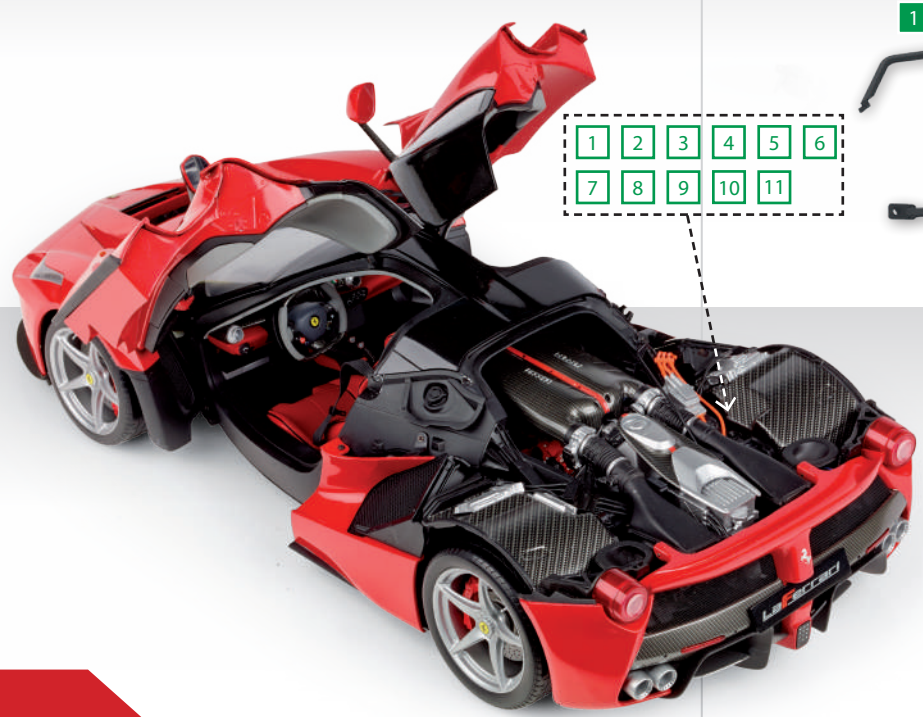
AGORA MODELS

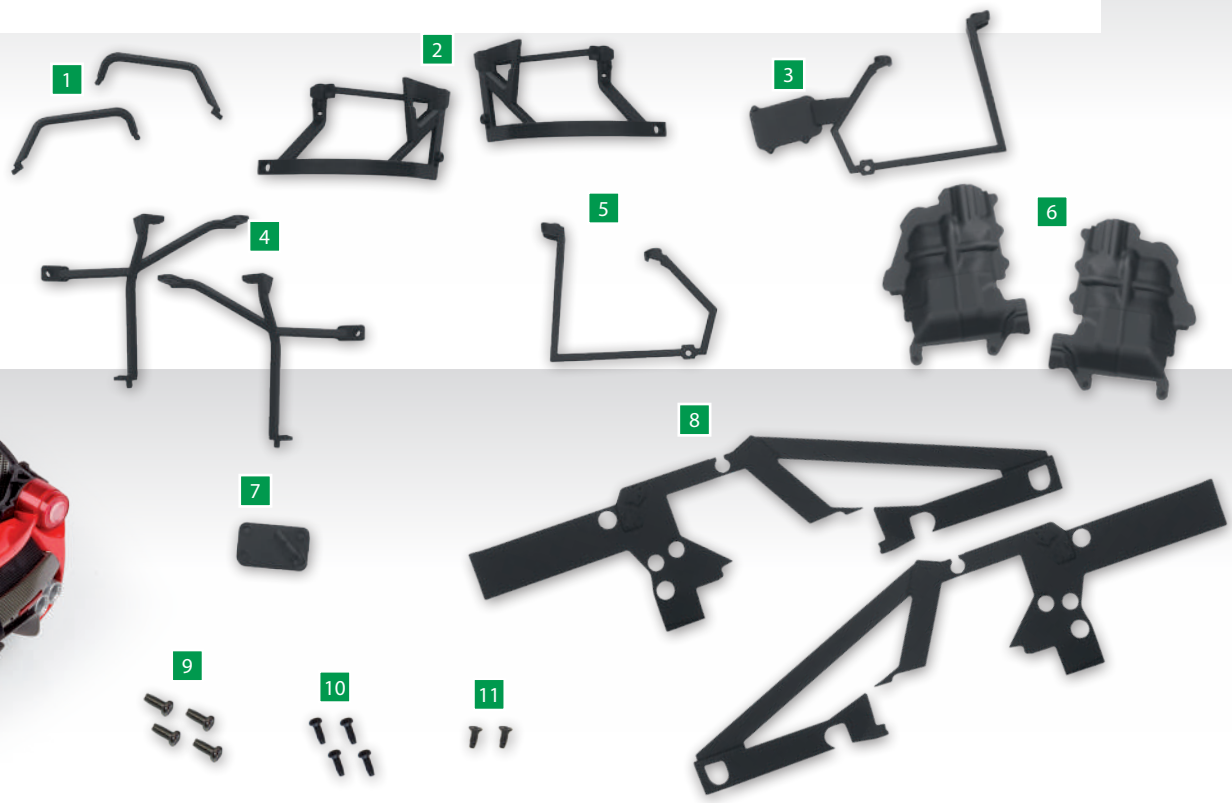
STAGE 41
THE REAR MUDGUARDS

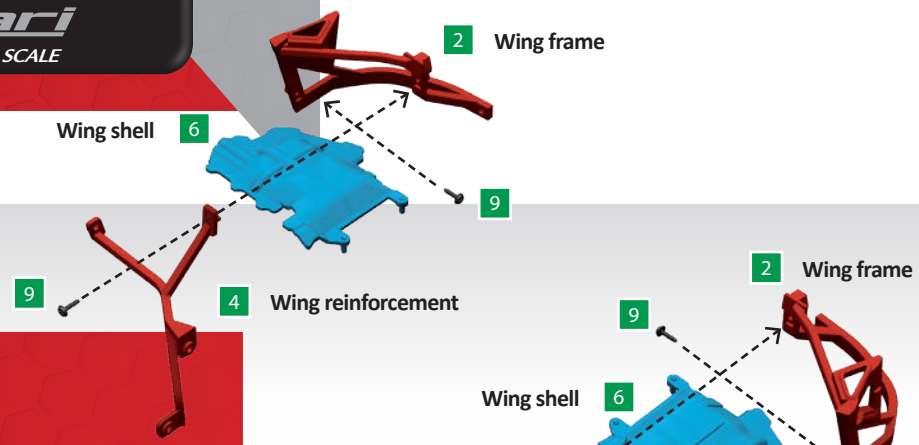
WITH ITS SPORTING EXPERTISE, THE MARANELLO MARQUE'S TWO-SEATER HAS A COMPLEX CONSTRUCTION. EVERY DETAIL IS REPLICATED IN YOUR MODEL

PARTS LIST

NO.	PART	QUANTITY	MATERIAL
1	Side reinforcement coupling	2	ABS
2	Wing frame	2	ABS
3	Right side reinforcement	1	ABS
4	Mudguard reinforcement	2	ABS
5	Left side reinforcement	1	ABS
6	Wing shell	2	ABS
7	Squared container	1	ABS
8	Inner side panel	2	ABS
9	Screw type K	4	Metal
10	Screw type H	4	Metal
11	Screw type D	2	Metal

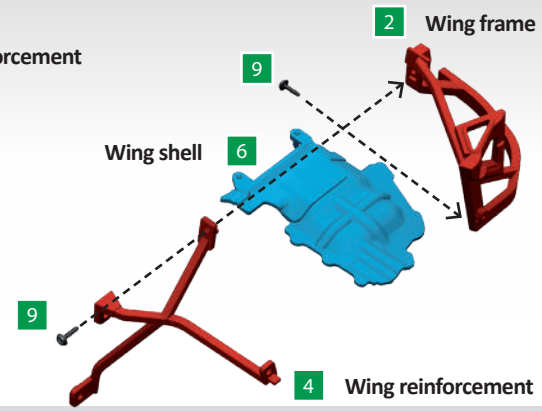






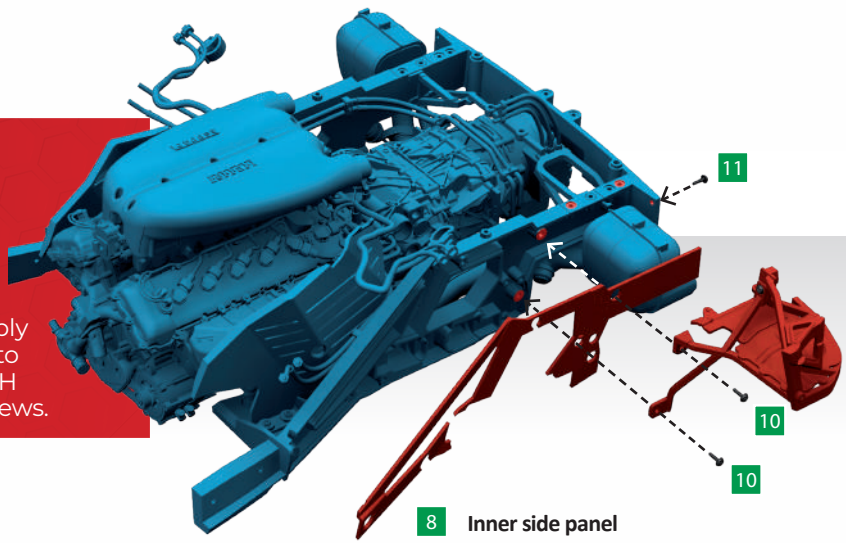
STEP 1

To build the left and right mudguards, fit the wing reinforcements (4), shells (6) and frames (2) together then secure using two type K screws (9). The reinforcements have two small pins which fit into holes in the frames.



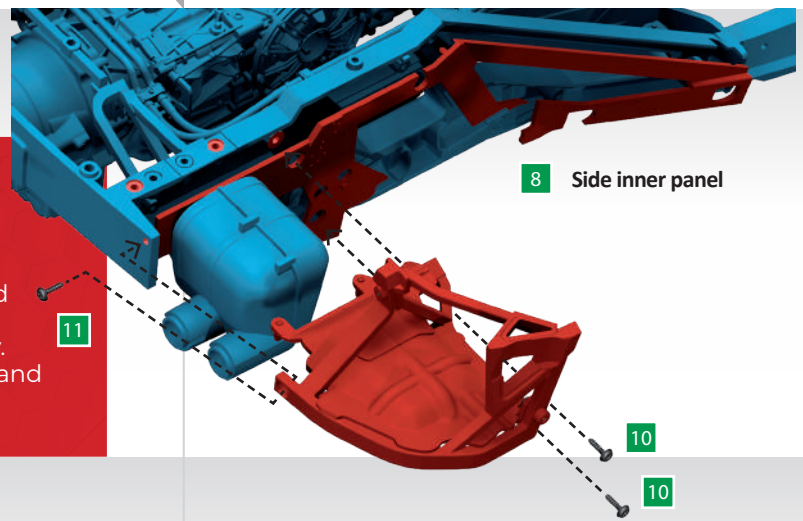
STEP 2

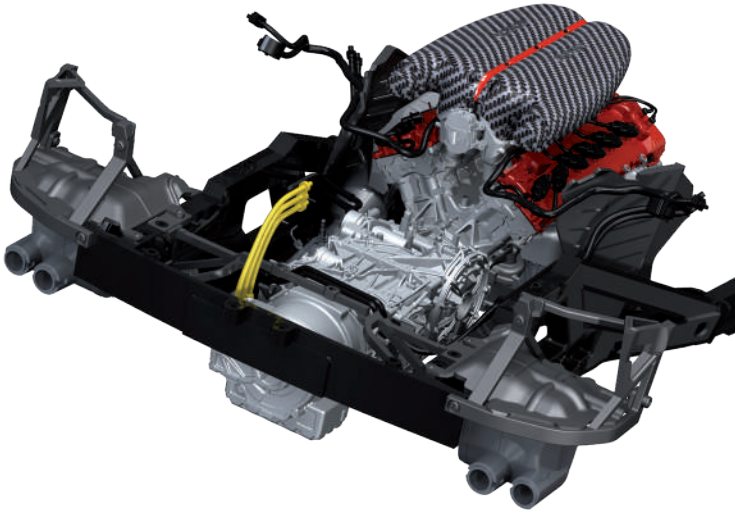
Fit the matching inner side panel (8) onto the rear frame, then position the left mudguard assembly in place. Secure the parts to the frame using two type H (10) and one type D (11) screws.



STEP 3

Fit the matching inner side panel (8) and right mudguard assembly onto the other side of the frame in the same way. Secure using two type H (10) and one type D (11) screws.





STAGE COMPLETE

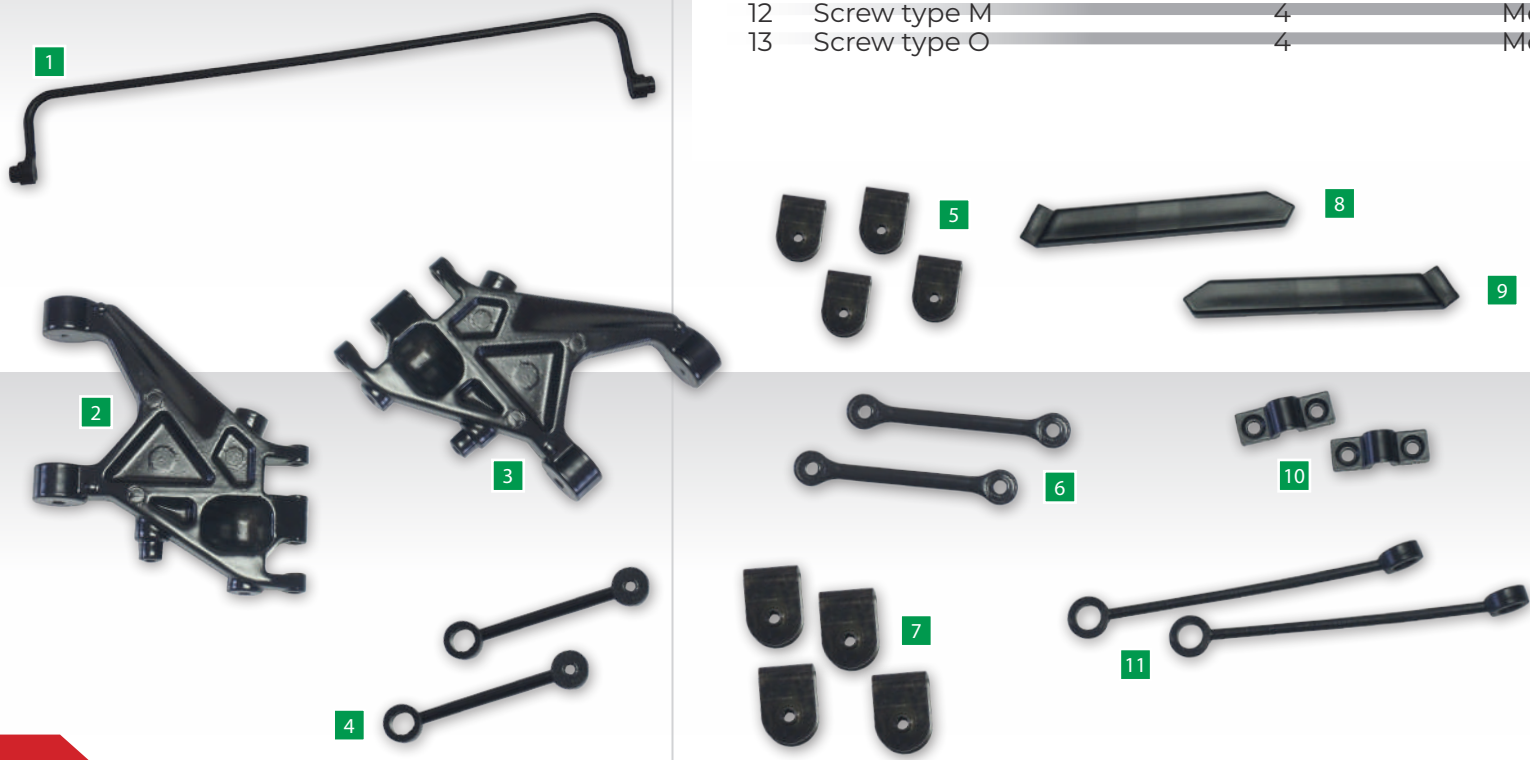
The rear mudguards have been attached to the frame. You will continue work on the engine in the next stage, store any parts not used away safely until they are needed.

STAGE 42
THE REAR SUSPENSION (1)

LAFERRARI'S INDEPENDENT SUSPENSION LAYOUT AIMS TO ACHIEVE MAXIMUM ROAD HANDLING AND SAFETY FOR THE MOST DEMANDING DRIVERS

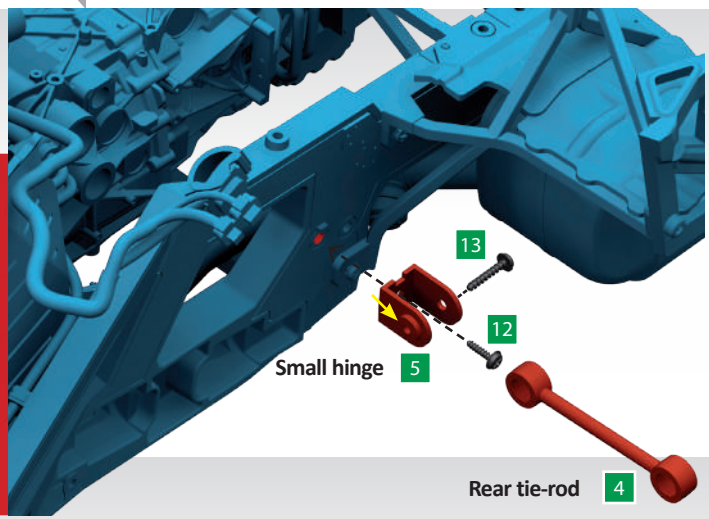
PARTS LIST

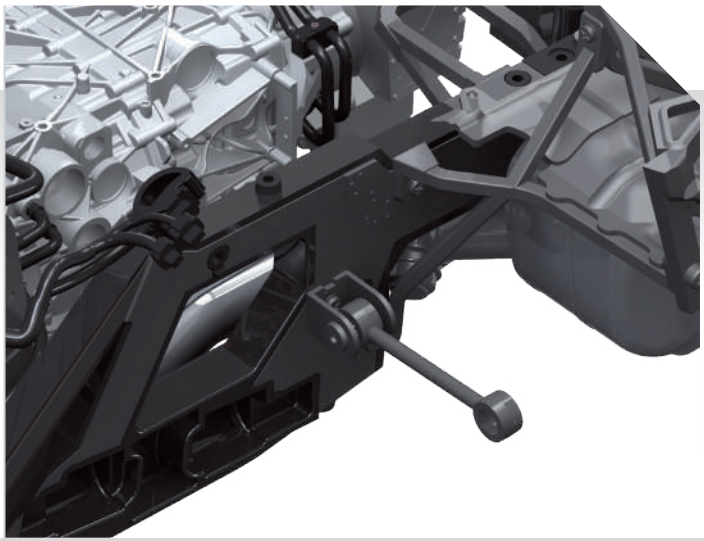
NO.	PART	QUANTITY	MATERIAL
1	Stabiliser bar	1	ABS
2	Right lower arm	1	Metal
3	Left lower arm	1	Metal
4	Rear tie-rod	2	ABS
5	Small hinge	4	Metal
6	Front tie-rod	2	Metal
7	Large hinge	4	Metal
8	Left pillar	1	ABS
9	Right pillar	1	ABS
10	Bar support	2	ABS
11	Long tie-rod	2	ABS
12	Screw type M	4	Metal
13	Screw type O	4	Metal



STEP 1

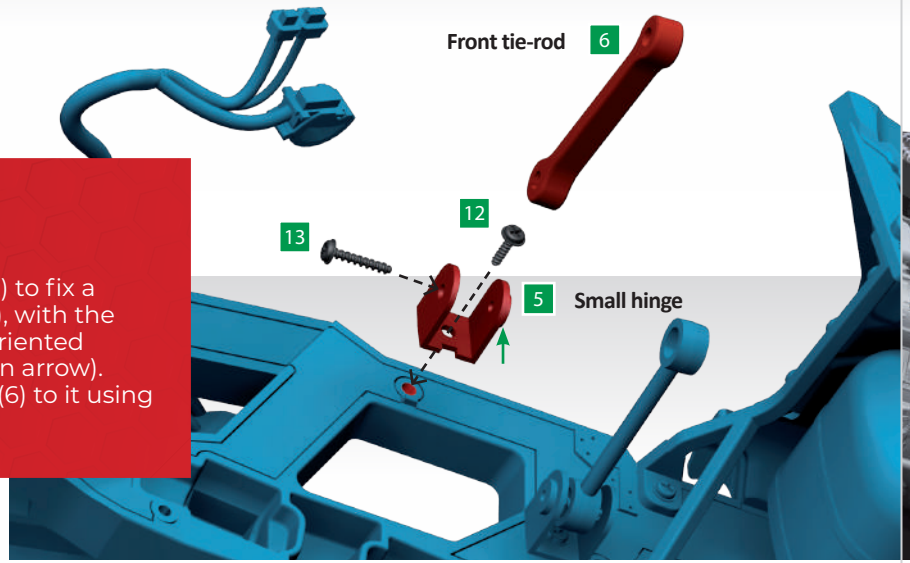
On the left side of the rear frame, fasten the small hinge (5) with an M type screw (12), orienting the threaded protrusion (yellow arrow) towards the front. Fit a rear tie-rod (4) into the hinge and secure by driving a type O screw (13) through the small hole of the hinge and into the protrusion.

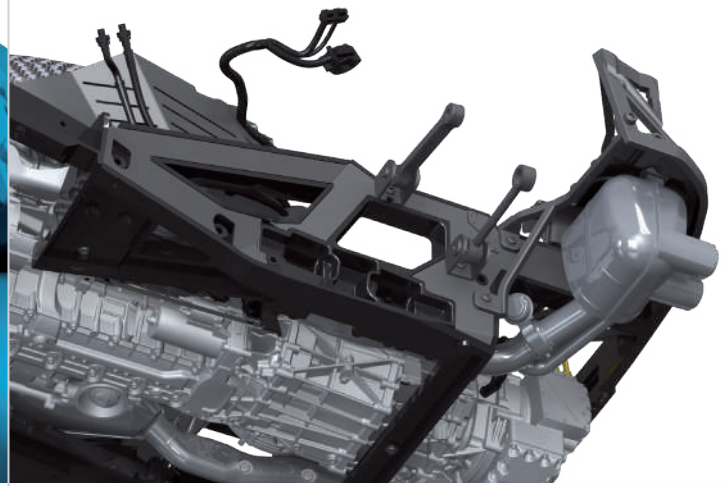




STEP 2

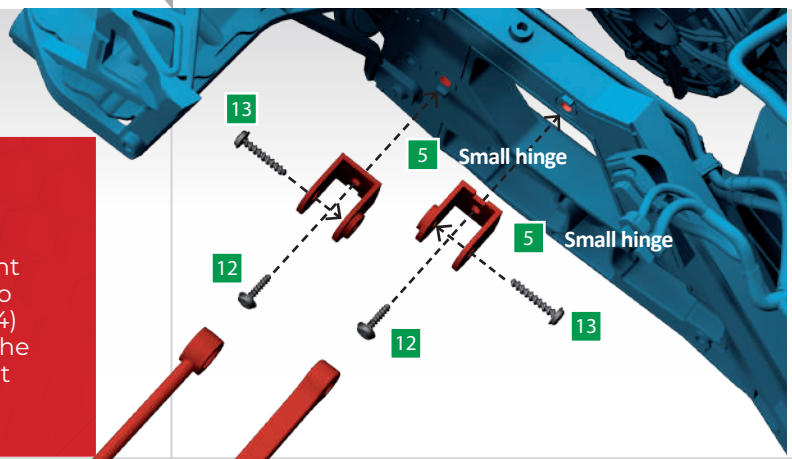
Use a type M screw (12) to fix a second small hinge (5), with the threaded protrusion oriented towards the rear (green arrow). Secure a front tie-rod (6) to it using a type O screw (13).





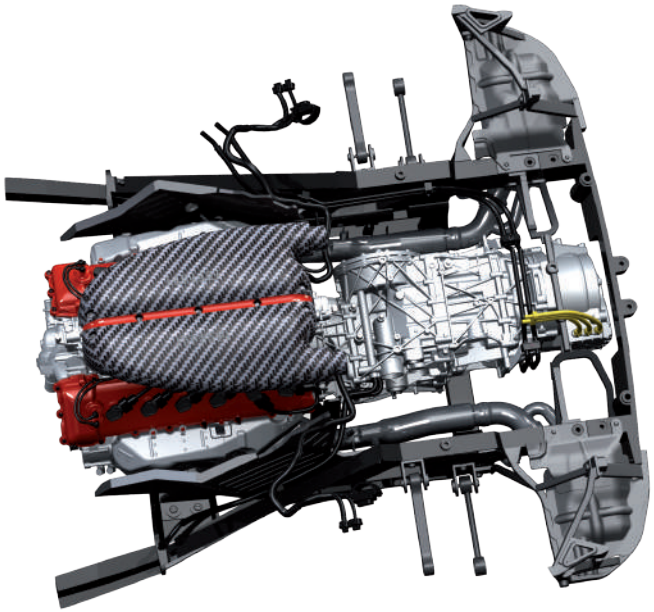
STEP 3

Repeat step 1 and 2 on the right side of the rear frame to fit two small hinges (5) and the rear (4) and front (6) tie-rods. Ensure the hinges are oriented the correct way as shown.



Rear tie-rod 4

6 Front tie-rod



STAGE COMPLETE

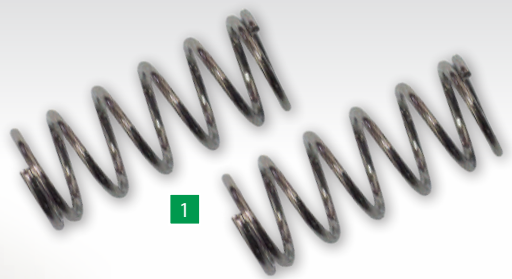
The first stage of building the rear suspension is complete, with the front and rear tie-rods fitted onto the frame. You'll continue construction in the next stage. Store any unused parts away until needed in a safe place. The pillars will be used when working on the upper rear frame in a future pack.

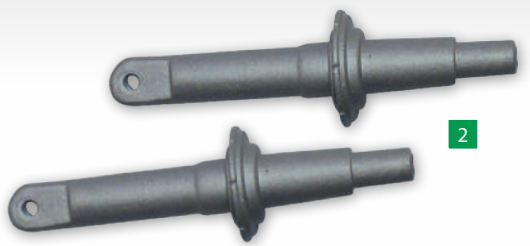
STAGE 43
THE REAR SUSPENSION (2)

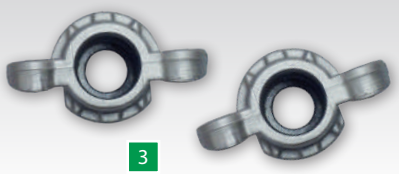
THE LAFERRARI FEATURES A FOUR-WHEEL INDEPENDENT SUSPENSION SYSTEM, WHICH ENSURES PERFORMANCE AND STABILITY EVEN UNDER THE MOST DEMANDING DRIVING CONDITIONS

PARTS LIST

NO.	PART	QUANTITY	MATERIAL
1	Rear spring	2	Metal
2	Rear shock absorber body	2	ABS
3	Shock absorber plug	2	ABS
4	Screw type T	2	Metal
5	Screw type N	2	Metal
6	Screw type C	2	Metal
7	Screw type M	4	Metal
8	Screw type S	4	Metal

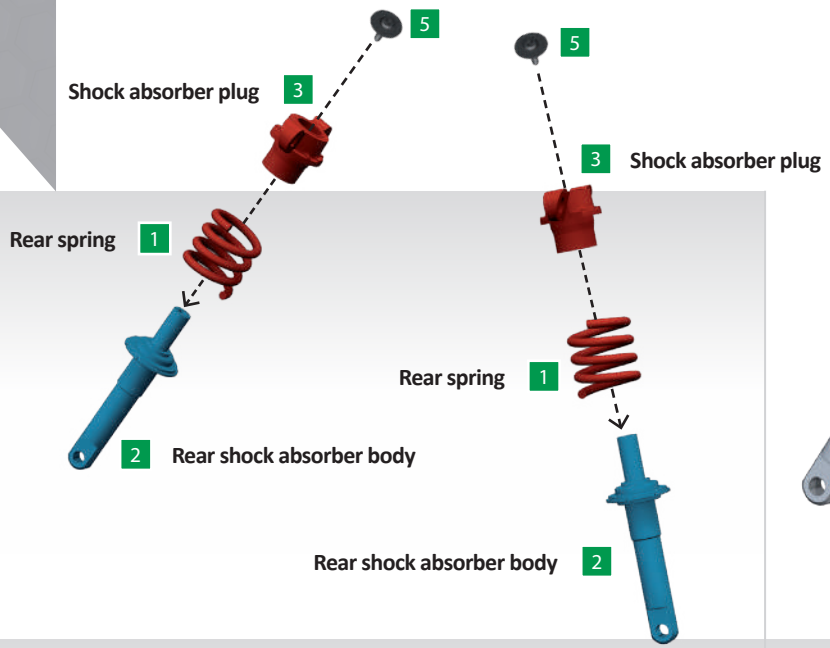


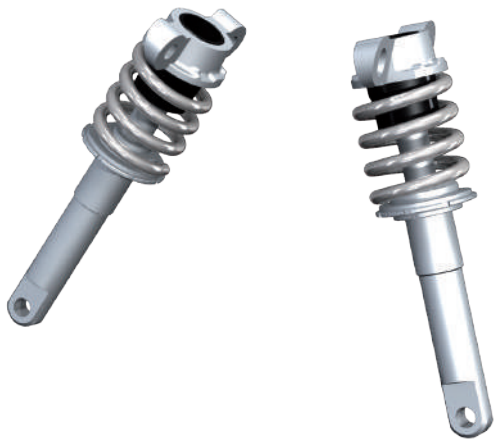




STEP 1

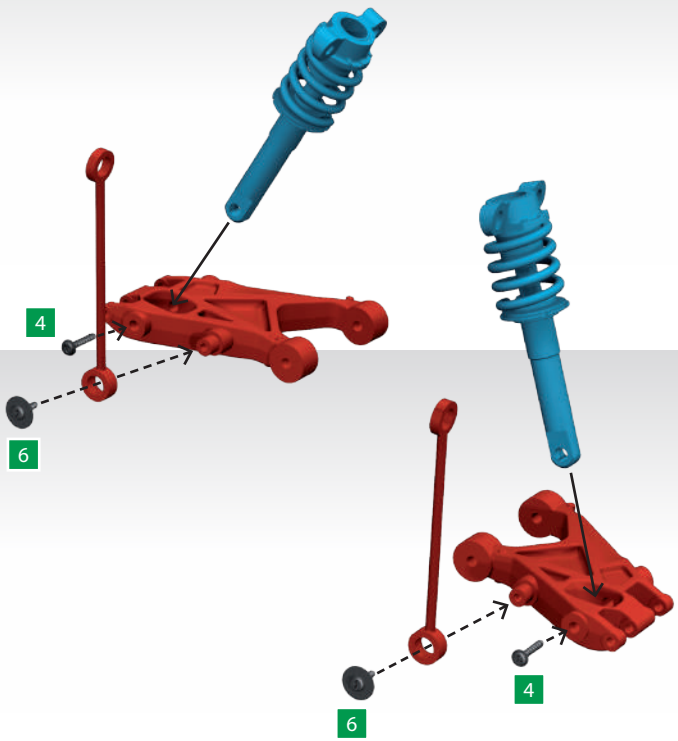
Build both rear shock absorbers by fitting a body (2), spring (1) and plug (3) together as shown. Secure using a type N screw (5).

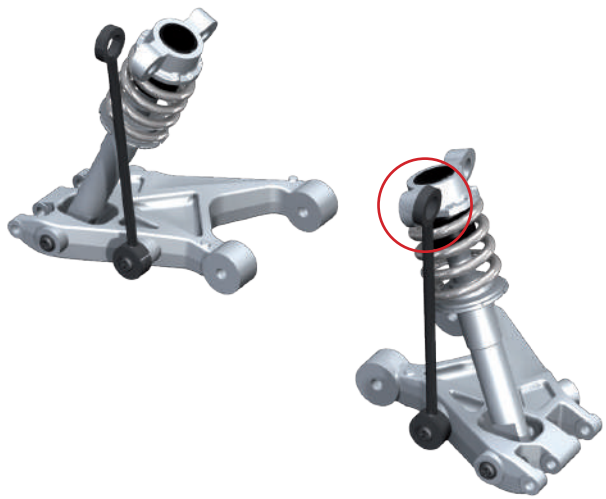




STEP 2

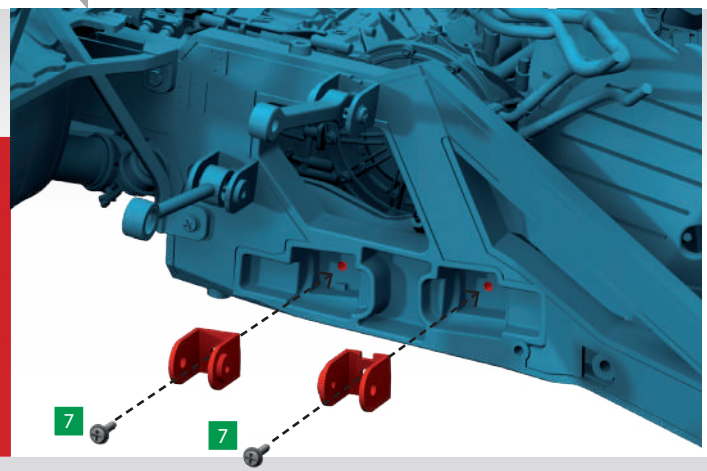
Align the long tie-rods with the left and right lower arms (from Stage 42) then secure together using two type C screws (6). One end of the tie-rods is angled, check this fits flush with the plug (circled, right image). Fit the shock absorbers into the lower arms and secure using two type T screws (4).

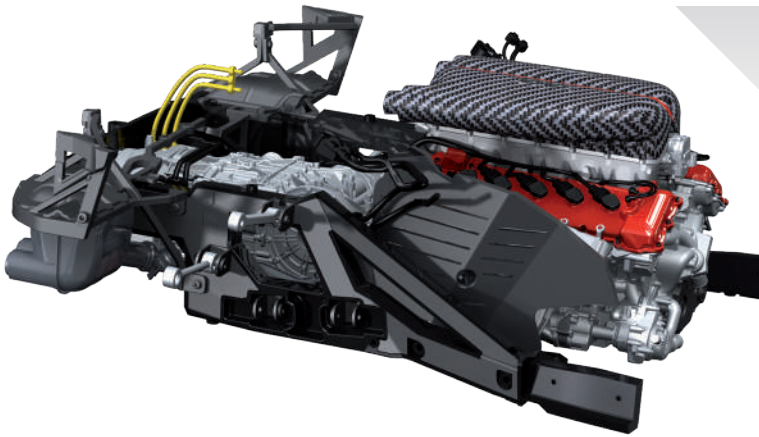




STEP 3

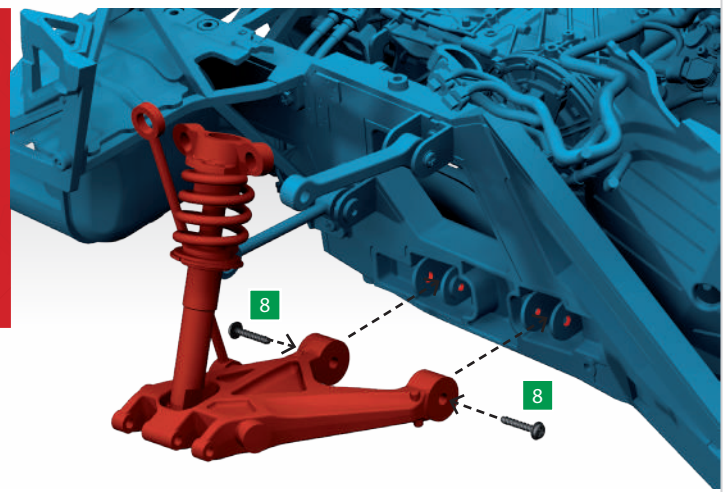
Secure two large hinges (Stage 42) onto the right side of the rear frame with two type M screws (7). The threaded protrusions should face each other as shown.





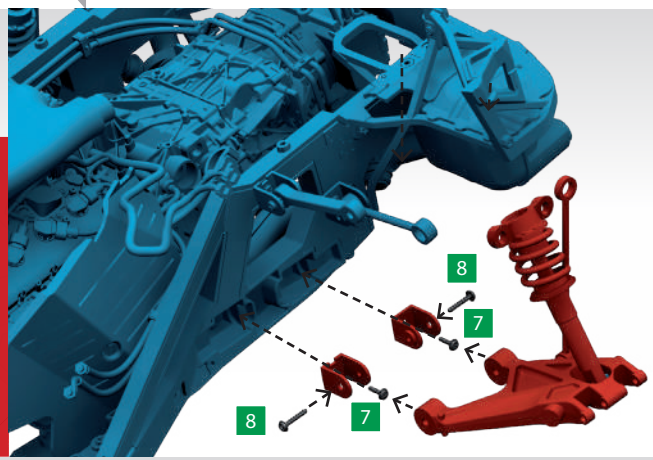
STEP 4

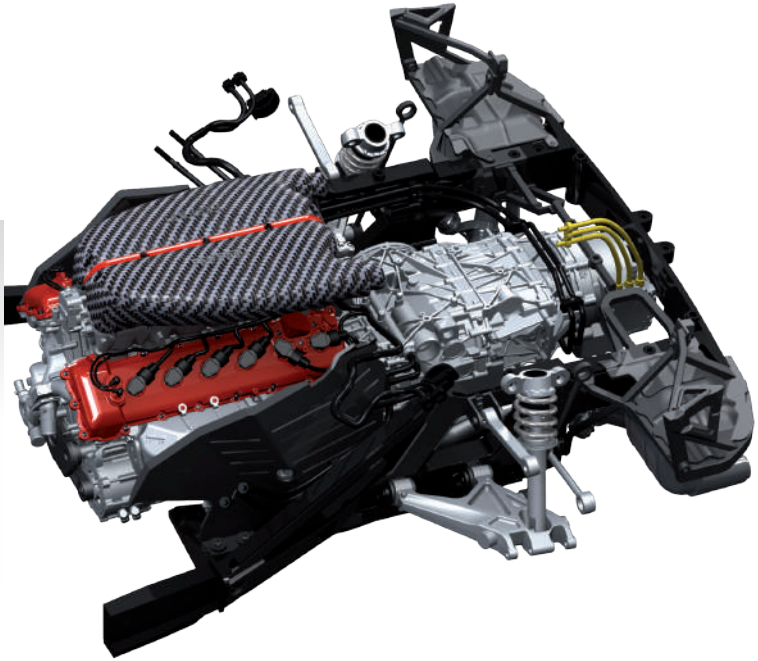
Fix the rear right arm assembly to the large hinges using two type S screws (8).



STEP 5

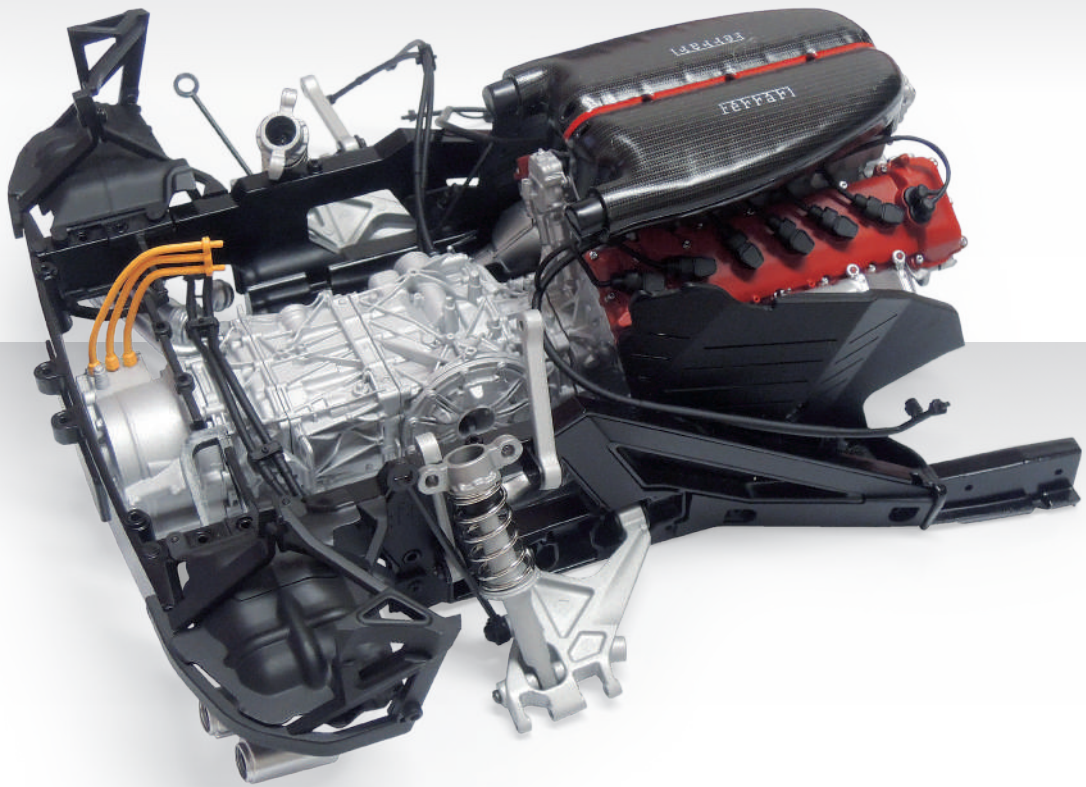
Fix the rear left arm assembly by repeating steps 3 and 4 on the other side of the rear frame.





STAGE COMPLETE

The main structure of the rear suspension has been fitted to the rear frame.



STAGE 44
THE REAR RIGHT BRAKE DISC

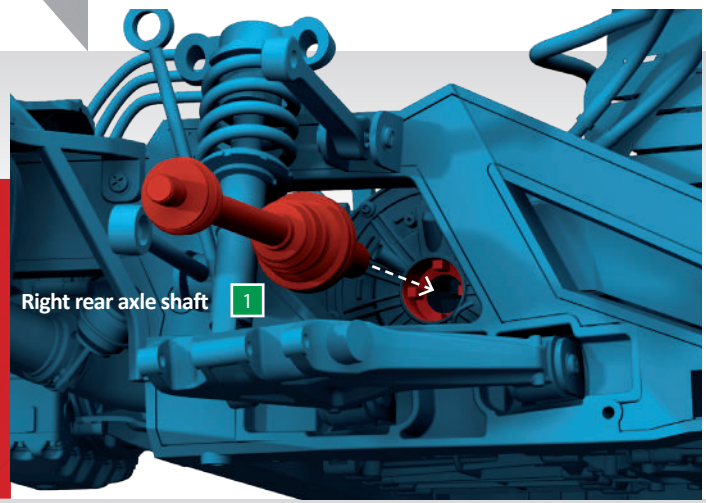
LIKE ALL THE FINEST HIGH-PERFORMANCE CARS, THE LAFERRARI BOASTS POWERFUL REAR DISC BRAKES, VENTILATED AND PERFORATED TO ENHANCE COOLING

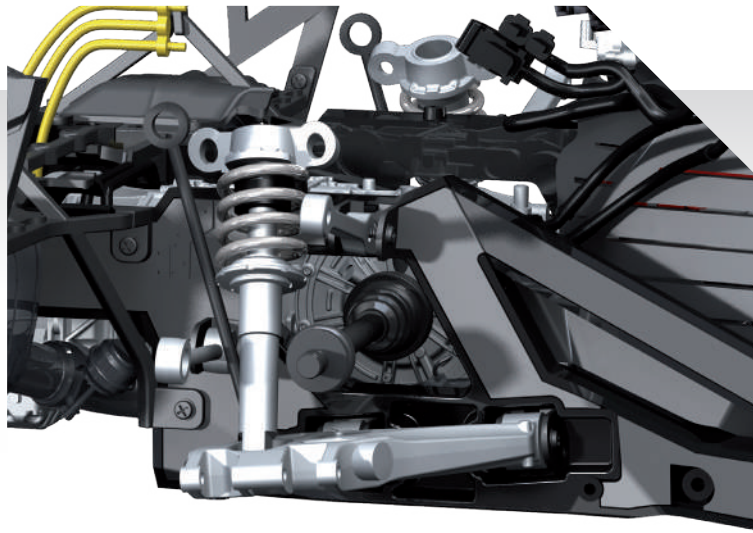
PARTS LIST

NO.	PART	QUANTITY	MATERIAL
1	Rear right axle shaft	1	ABS
2	Rear right brake disc	1	Varied
3	Screws type C	1	Metal
4	Screws type U	1	Metal
5	Screws type V	2	Metal

STEP 1

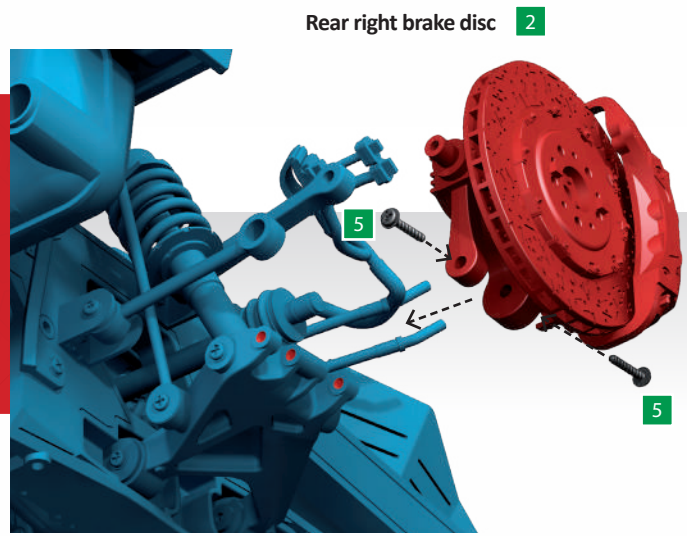
Fit the right rear axle shaft (1) into the circular recess located on the right side of the transmission, making sure to orient it as shown.

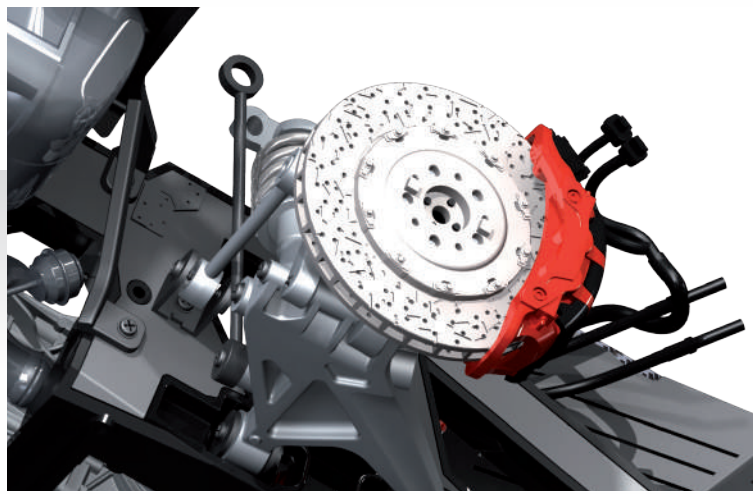




STEP 2

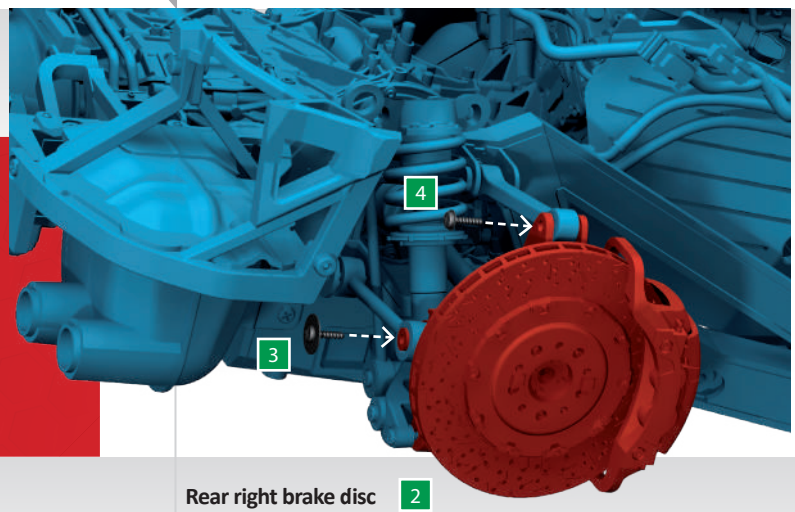
With the caliper facing towards the front of the model as shown, press the rear right brake disc (2) into the lower arm and secure using two type V screws (5).

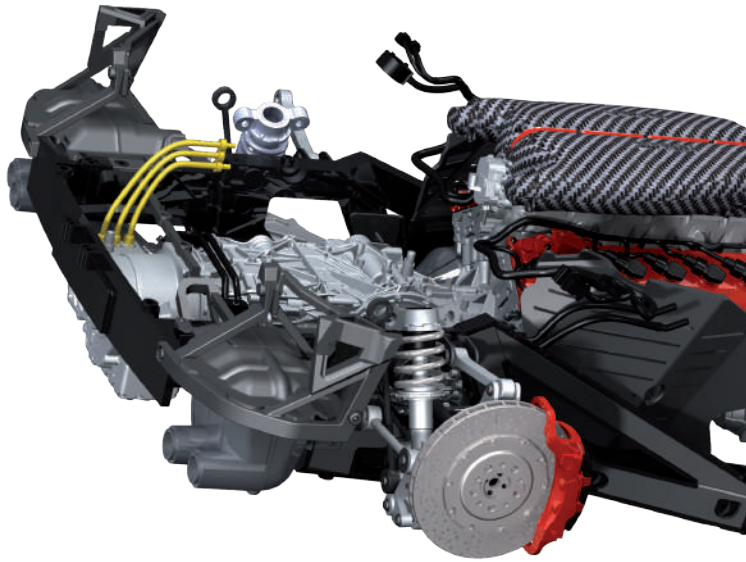




STEP 3

Fit the two tie-rods onto the brake disc then secure using one type C (3) and one type U (4) screw as indicated.

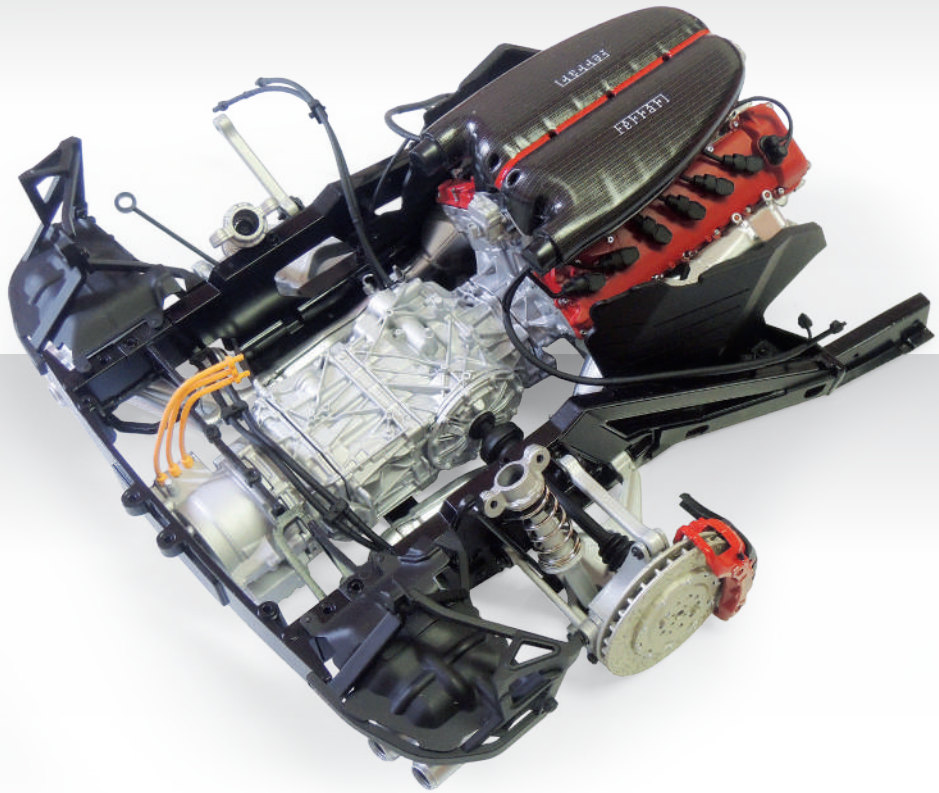




Rear right brake disc 2

STAGE COMPLETE

The rear right suspension system and brake disc has been installed. In the next session you'll continue to work on the left side.



STAGE 45
THE REAR LEFT BRAKE DISC

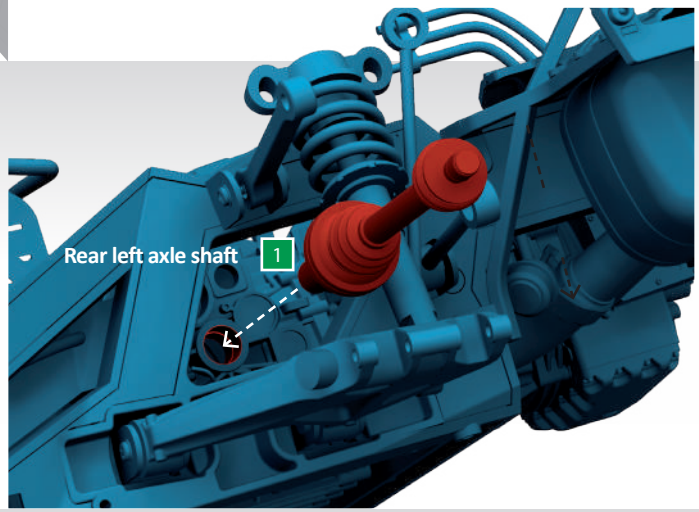
BRAKE DISCS WERE FIRST USED ON PRODUCTION CARS IN THE 1950s. SINCE THEN, THEY HAVE BECOME INCREASINGLY POPULAR, ESPECIALLY IN SPORTS CARS

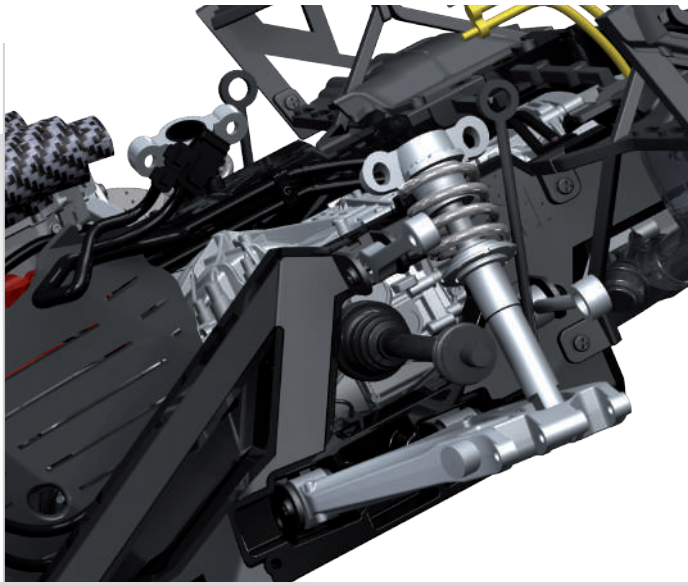
PARTS LIST

NO.	PART	QUANTITY	MATERIAL
1	Rear left axle shaft	1	ABS
2	Rear left brake disc	1	Varied
3	Screws type C	1	Metal
4	Screws type U	1	Metal
5	Screws type V	2	Metal
6	Screws type A	4	Metal

STEP 1

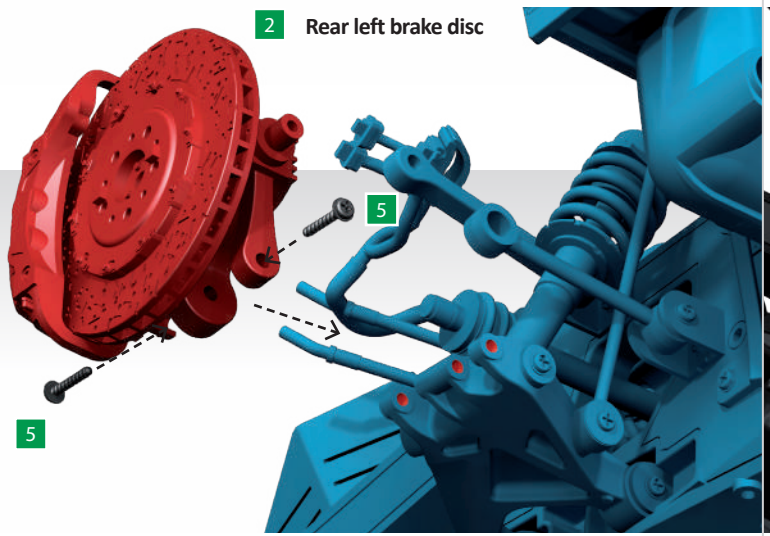
Fit the rear left axle shaft (1) into the circular recess in the orientation shown.

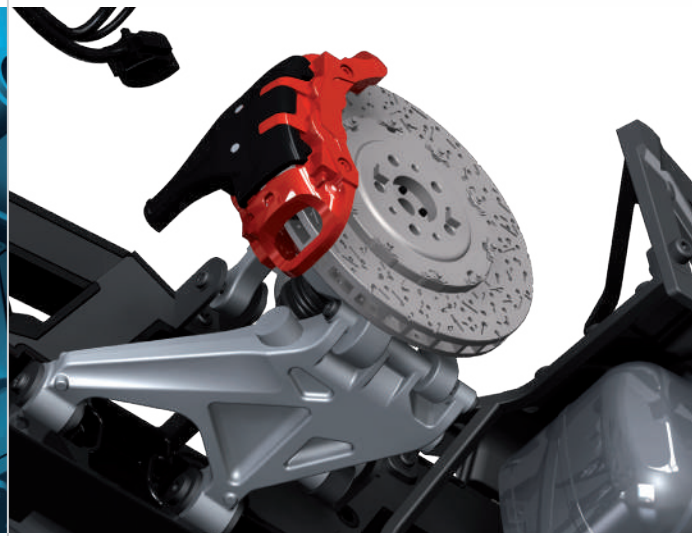




STEP 2

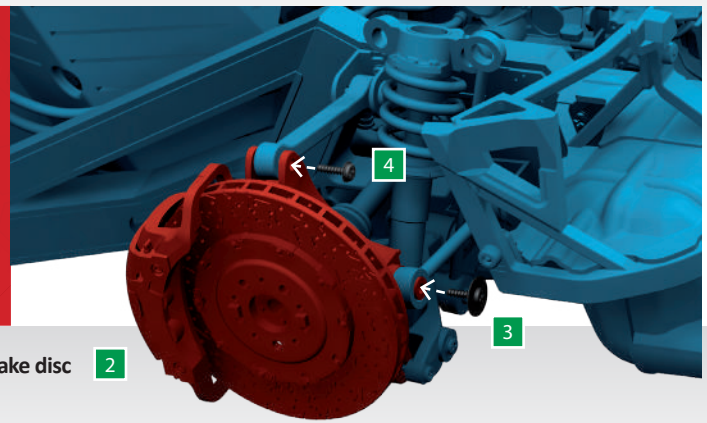
With the caliper facing towards the front of the model as shown, press the rear left brake disc (2) into the lower arm and secure using two type V screws (5).



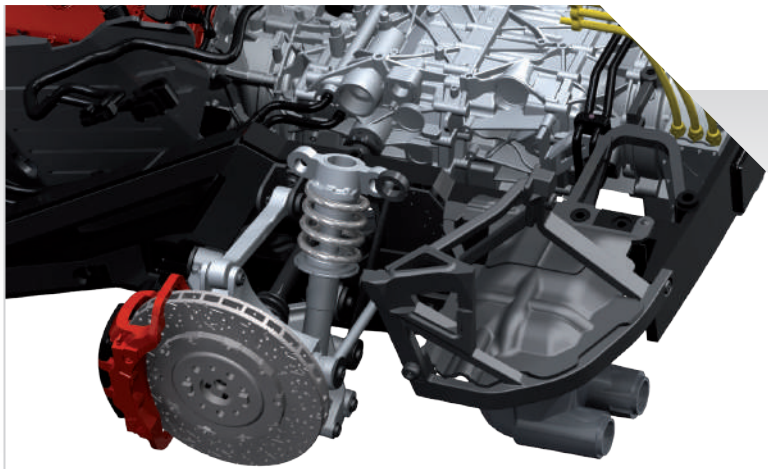


STEP 3

Fit the two tie-rods onto the brake disc then secure using one type C (3) and one type U (4) screw as indicated.

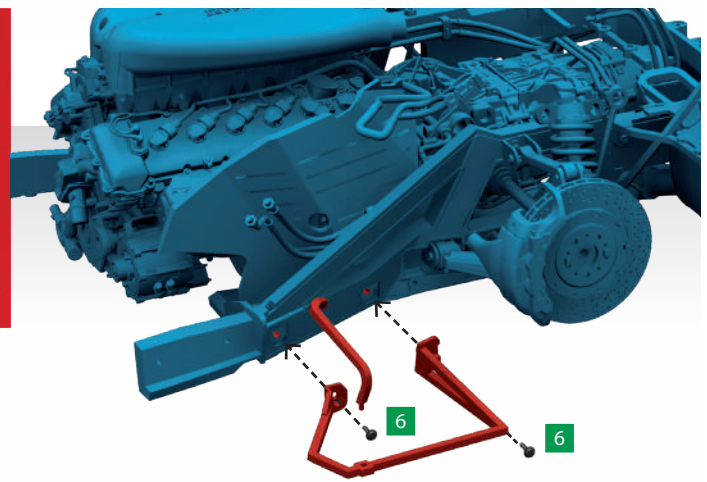


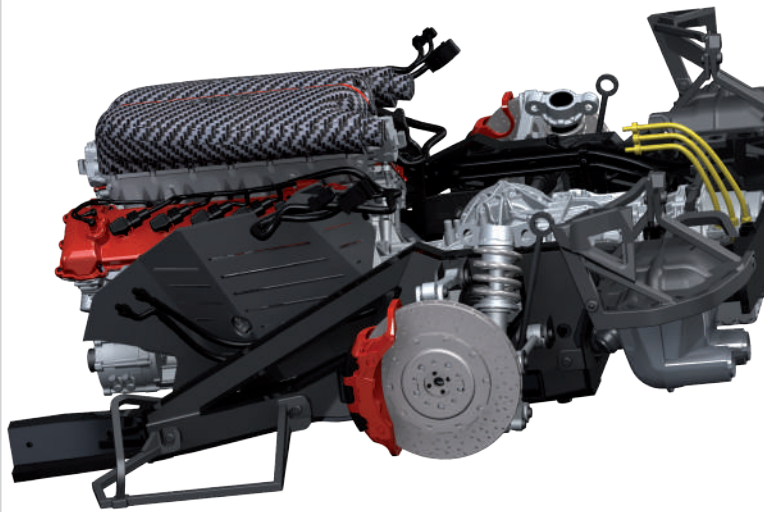
Rear left brake disc 2



STEP 4

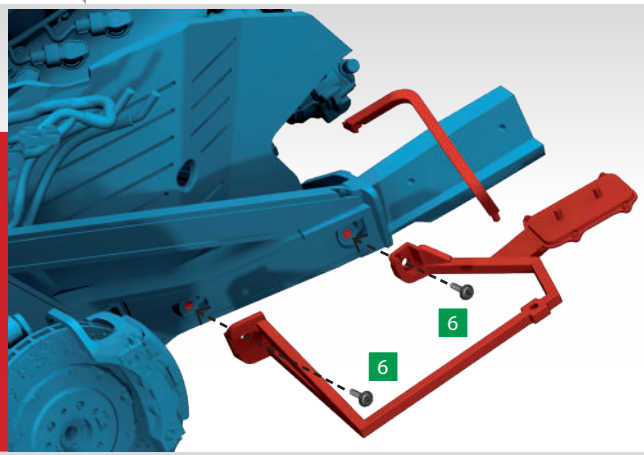
Fit the left side reinforcement and its coupling (from Stage 41) together as shown, then secure onto the rear frame using two type A screws (6).

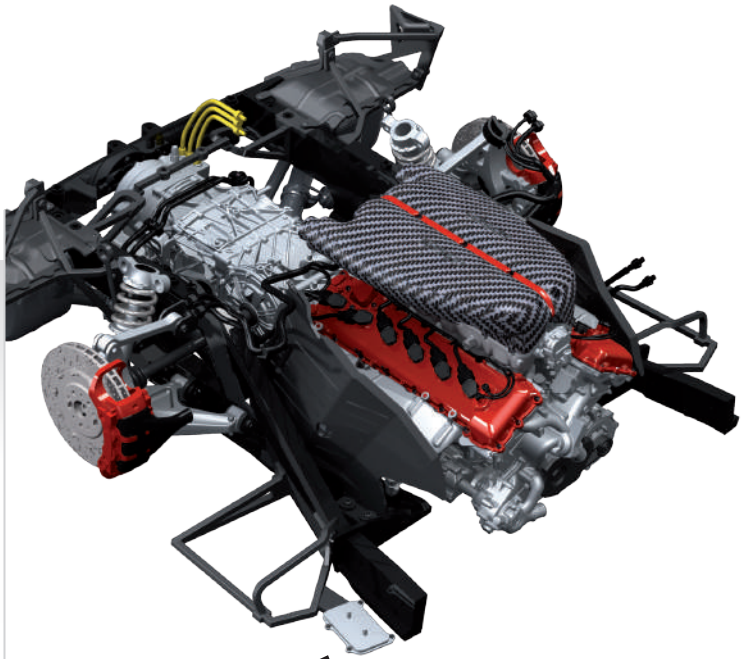




STEP 5

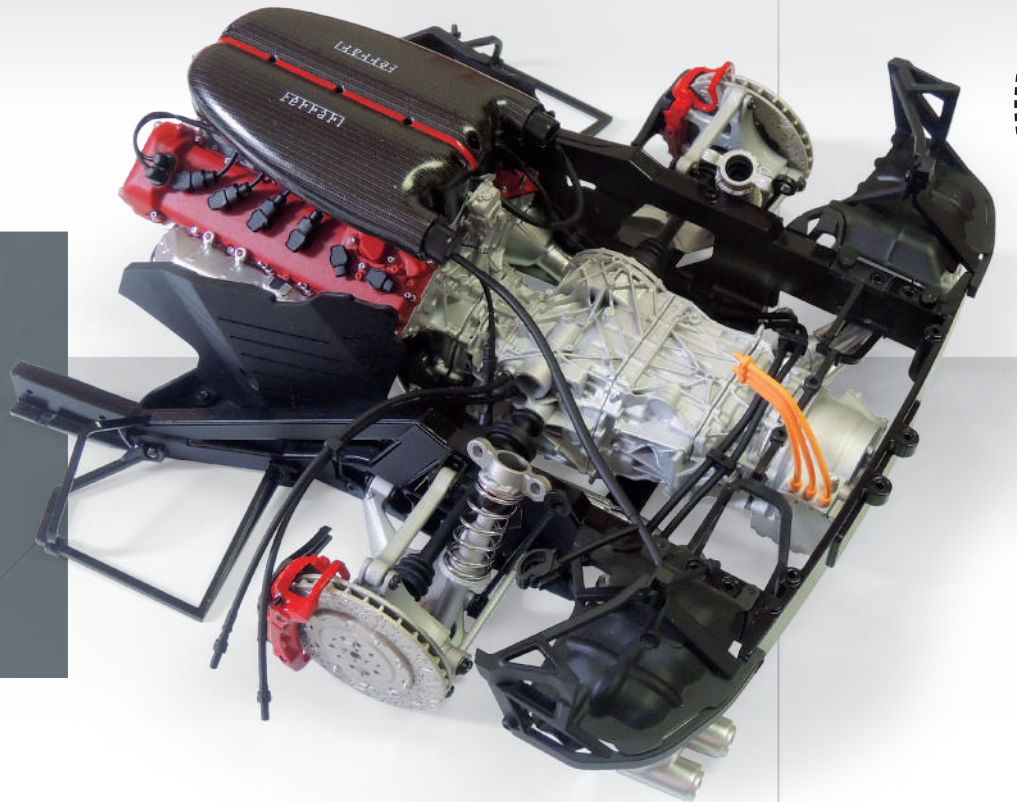
Fit the right side reinforcement and coupling (from Stage 41) in the same way, securing with two type A screws (6). Mount the squared container (Stage 41) onto the side reinforcement as shown in the right image.





STAGE COMPLETE

The rear suspension is complete. The system functions as it would on the real car. Carefully store the engine assembly away safely until it is needed later.

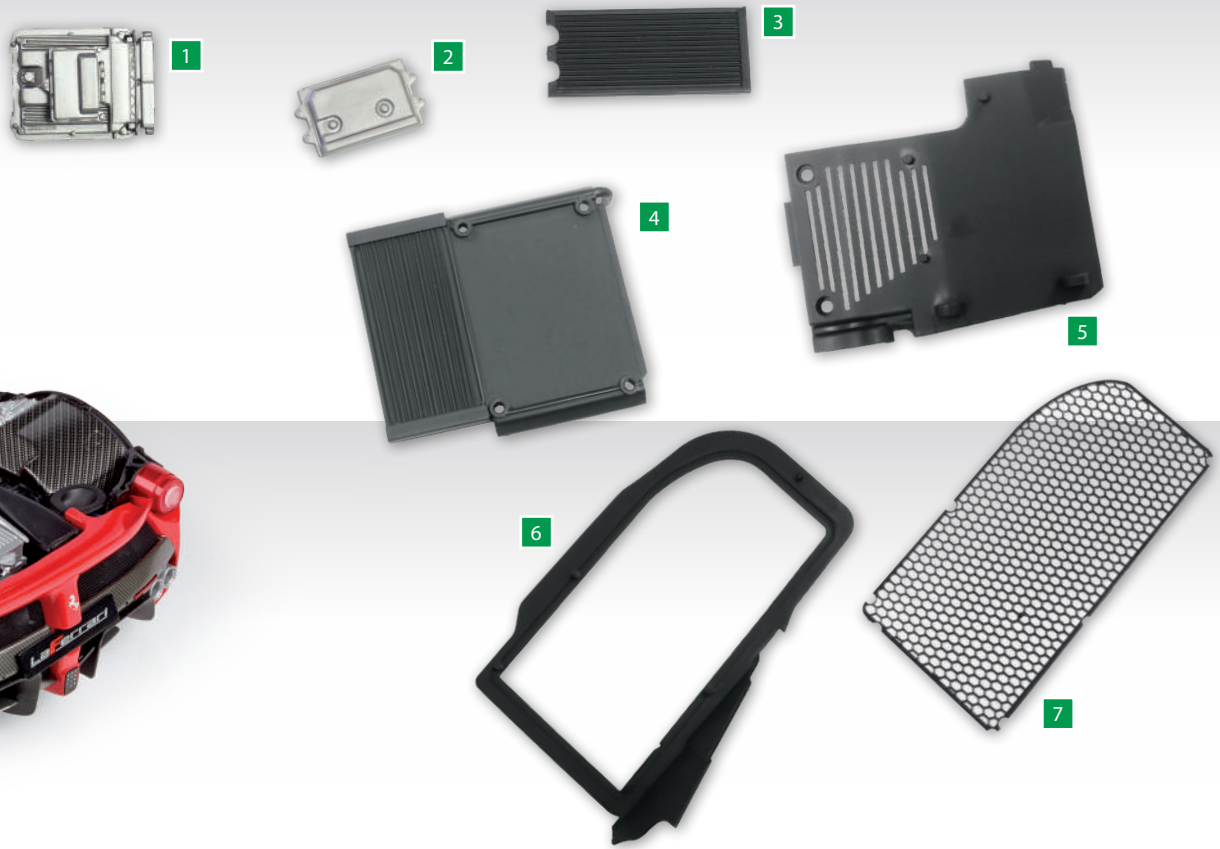


STAGE 46
THE REAR LEFT RADIATOR

IN HIGH PERFORMANCE CARS LIKE THE LAFERRARI, VENTILATION IS OF UTMOST IMPORTANCE AS THE MECHANICAL COMPONENTS GENERATE A LOT OF HEAT

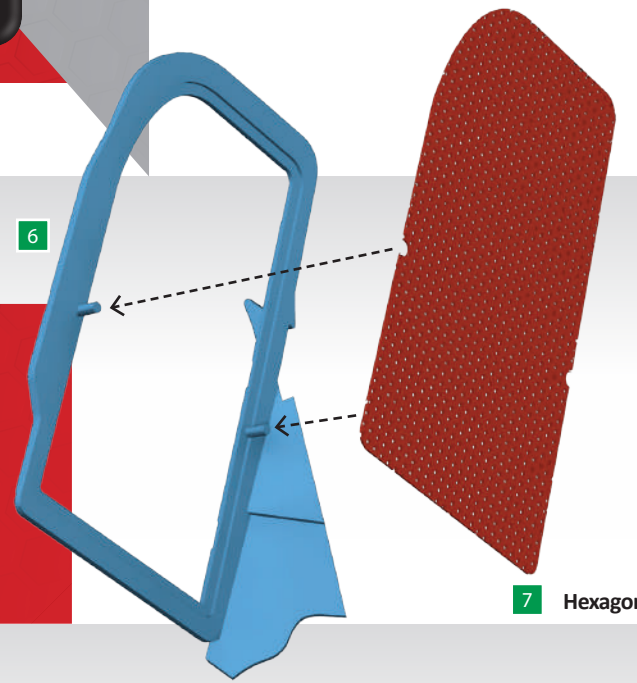
PARTS LIST

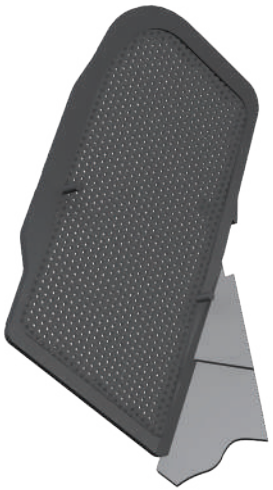
NO.	PART	QUANTITY	MATERIAL
1	Detail A	1	ABS
2	Detail B	1	ABS
3	Radiator detail	1	ABS
4	Radiator	1	ABS
5	Cover plate	1	ABS
6	Frame	1	ABS
7	Hexagonal Mesh	1	Metal



STEP 1

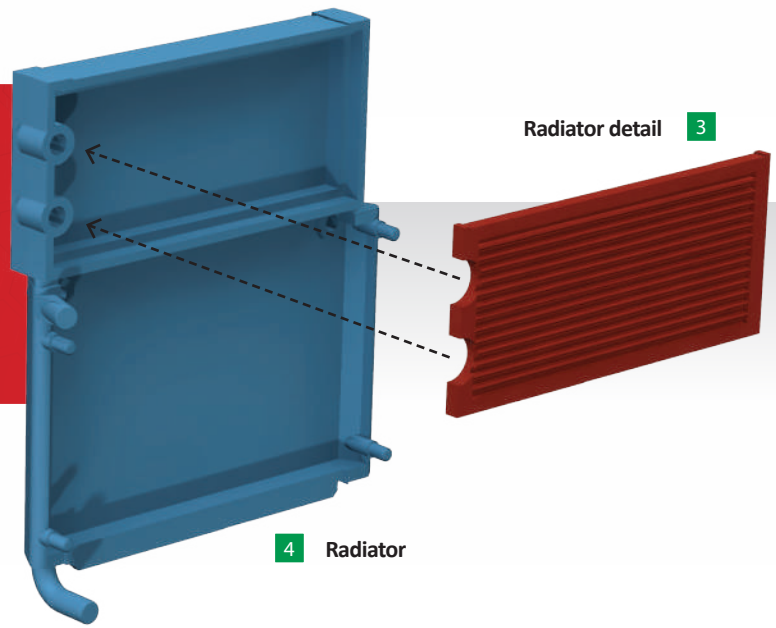
Align the hexagonal mesh (7) with the frame (6) as shown then press the parts together.





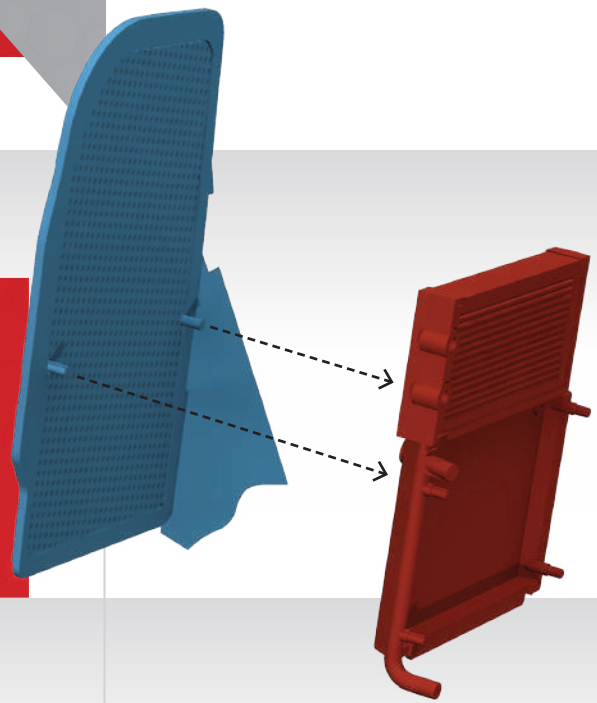
STEP 2

Align the radiator detail (3) with the radiator (4) then push it into the recess as shown.



STEP 3

Align the two assemblies as shown then firmly press the pins of the frame into the radiator.



STAGE COMPLETE

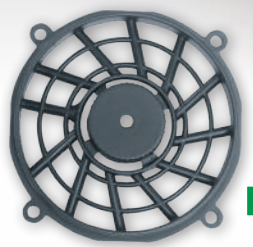
Store the assembly away safely until it is time to mount it onto your model, along with any other parts.

STAGE 47
THE VENTILATION SYSTEM

THE BRAKING SYSTEM FOR HYPERCARS, SUCH AS LAFERRARI, IS DESIGNED FOR VERY HIGH PERFORMANCE AND REQUIRES AN EFFICIENT VENTILATION SYSTEM

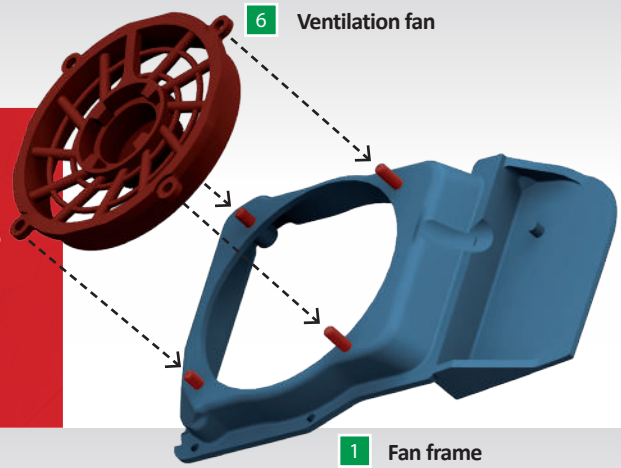
PARTS LIST

NO.	PART	QUANTITY	MATERIAL
1	Fan frame	1	ABS
2	Coupling	1	ABS
3	Front tube	1	ABS
4	Rear tube	1	ABS
5	Ferrule	1	ABS
6	Ventilation fan	1	ABS



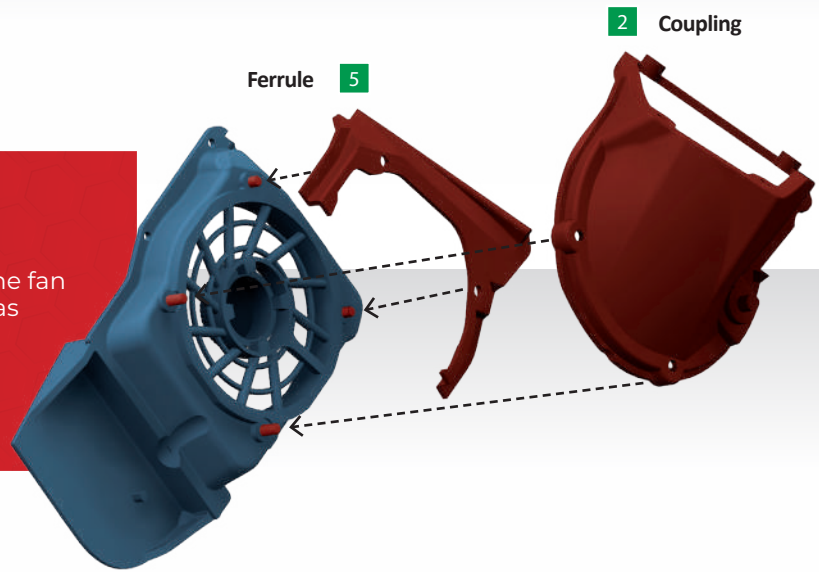
STEP 1

Install the ventilation fan (6) onto the fan frame (1) by pressing it onto the four pins. This can be done in any orientation.



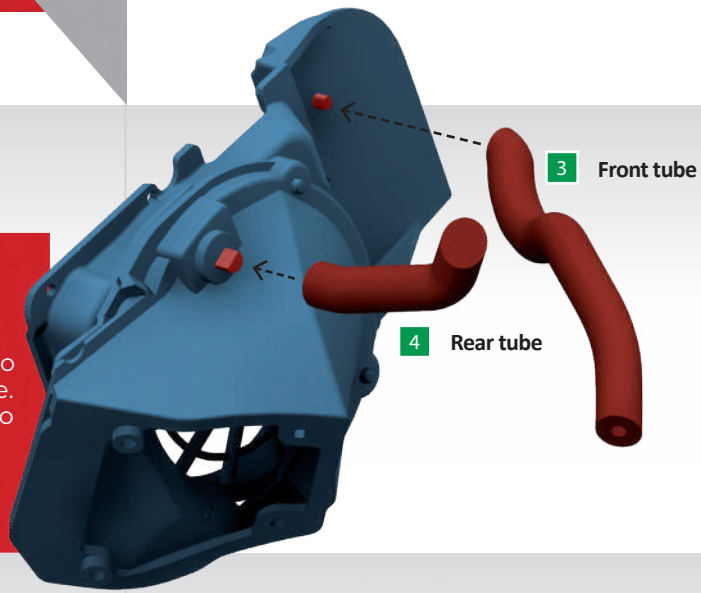
STEP 2

Place the ferrule (5) onto the fan using two of the four pins as shown. Then install the coupling (2) using the two remaining pins.



STEP 3

Press the longer front tube (3) onto the small pin located on the frame. Press the smaller rear tube (4) onto the shaped pin on the coupling.



STAGE COMPLETE

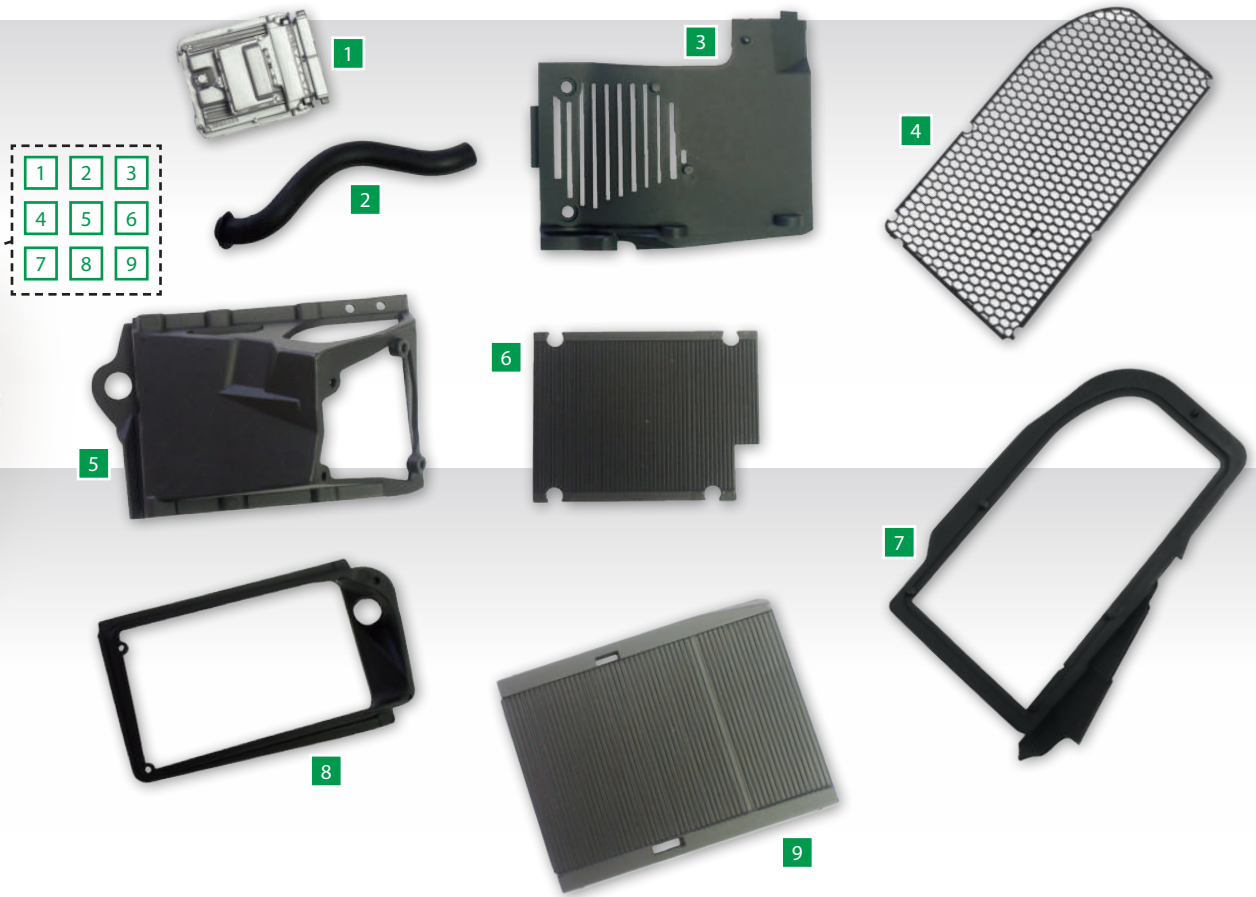
The ventilation system has been built. Keep the assembly stored away safely until it is needed for installing on your model.

STAGE 48
THE REAR RIGHT RADIATOR

TO KEEP THE MECHANICAL PARTS OF HIGH PERFORMANCE CARS COOL, ALL THE SECTIONS OF THE VENTILATION SYSTEM MUST BE DESIGNED CAREFULLY

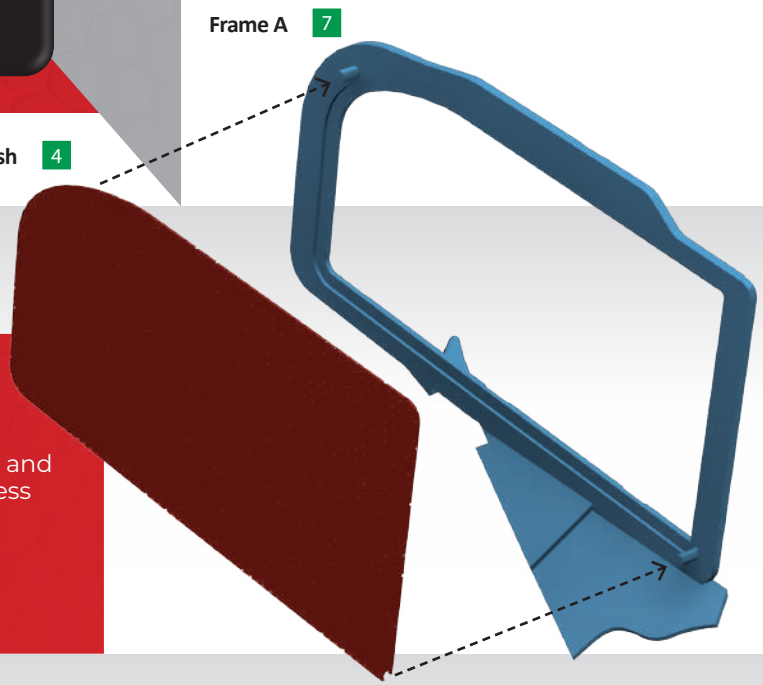
PARTS LIST

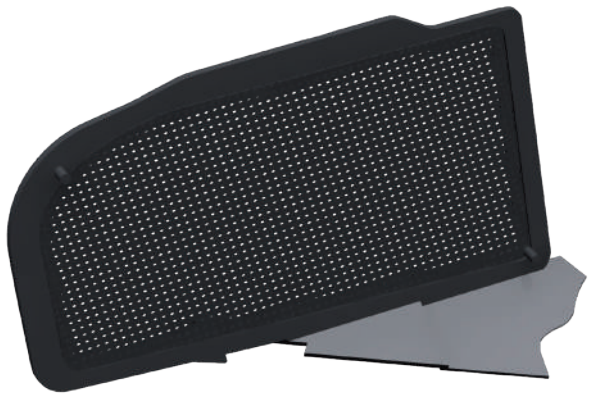
NO.	PART	QUANTITY	MATERIAL
1	Detail A	1	ABS
2	Pipe	1	ABS
3	Cover plate	1	ABS
4	Hexagonal mesh	1	Metal
5	Coupling	1	ABS
6	Radiator B	1	ABS
7	Frame A	1	ABS
8	Frame B	1	ABS
9	Radiator A	1	ABS



STEP 1

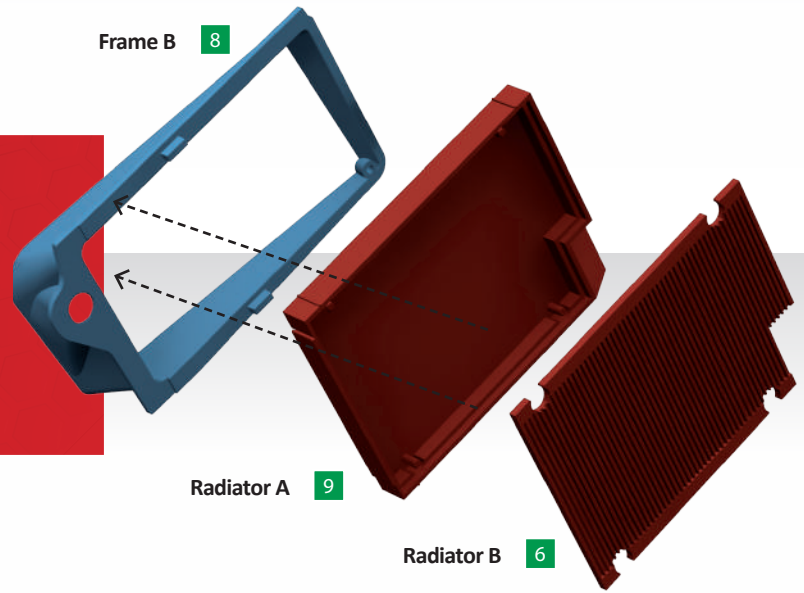
Align the hexagonal mesh (4) and frame A (7) as shown then press the parts together.





STEP 2

Press radiator B (6) into radiator A (9) then fit both into frame B (8), orientating the parts as shown.



STEP 3

Align the two assemblies as shown and fit them together, then fit the coupling (5) onto them. Insert the flanged end of the pipe (2) into the coupling.

STAGE COMPLETE

The section of the ventilation system for the rear right wheel is complete. Store it away safely until it is needed later.