

# EXIGE **R**

ROAD **RACING** V6



2010-2024  
Experience Anniversary

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**ELTECH**   
ELTECH-ITALIA



# About Our Company

The Eltech-Italia was founded in 2010 and takes its origins

from 2002 the Experience its founders' passion for sports cars and racing.

staff production philosophy remains completely focused on Research & Development and Quality the professionals and simple enthusiasts, whose only objective is turning into reality everything that passion or simply from idea!

All Eltech-Italia products are MADE IN ITALY in-house and developed in combination with the best quality of carbon composite, and other base materials, resins, aluminum and metal.

Our aim is turning all parts, into a commercial product within everyone's reach, exploiting their functional and aesthetic characteristics, not only in Automotive sector, but also in the Home, Sports, Motorsport and Motorcycles

Eltech-Italia is divided into three departments:

**1-Production Department:** Carbon, Fiberglass, Mold, Laser Cut, Bend Metal, Paint Car

**2-Laboratory & Technical Office:** Finishing Upholstery, Design and 3d Model Studio

**3-Workshops:** Installation Components, Update and Restoration Complete.

Our specialization is custom components for the Automotive and Motorsport Industry

all components are made in autoclave and material Prepreg.

Developed in combination with the highest level of carbon composite base materials, resins, and free-forming and CNC mold development techniques.



# The Project

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The idea is to lighten and improve the performance of the already performing Exige S3 with 3.5 V6 engine.

The project called RR (Road and Racing) follows the philosophy that Lotus imprints on all models, fun road use and performance on the track.

Everything we design is for a purpose.  
The design based on the performance.  
Our own unique design language creates perfect balance of form and function for extraordinary performance

Lotus it's know for its special connection between the driver and the car.

With full wide body carbon and special parts the car have under 1000 kg weight and total increase to 140mm wide more to original manufacturing

The RR Project gives you possibilities to improved its power to weight ratio, combination between the full carbon parts and clams and the full exhaust kit



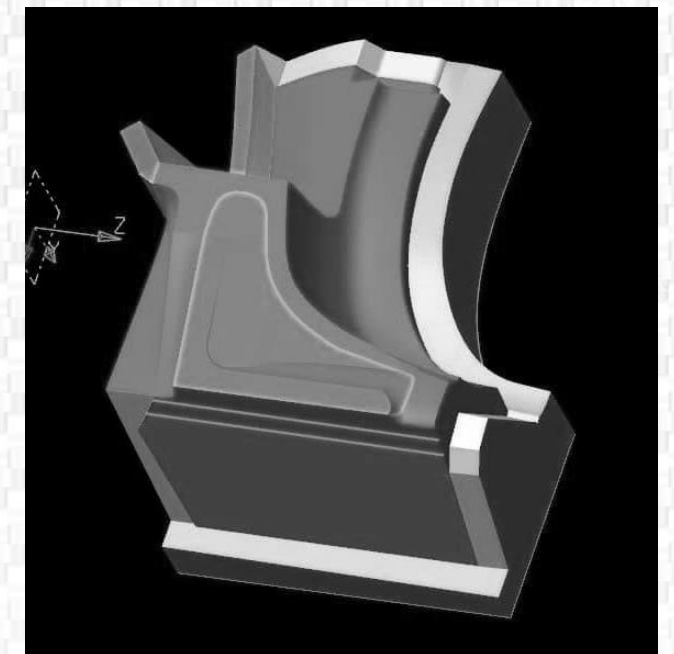


# Project Develop

The design research carried out by Eltech-Italia preserves the original soul of the Lotus Exige S3 while standing out for the excellent craftsmanship and manufacturing processes behind the development of each single component: even those ones you'll never see.

Starting from a the original Aluminum chassis and arms, Eltech-Italia has designed a carbon-fiber Wide Body with CAD 3d Processing and FEM and CFD Analysis for improved the downforce and pushing the Exige RR to limit in the track.

To have the maximum precision in the design, the car was scanned to realize the cad 3d model. This allowed us to CNC mill the entire wide body. will ensure a precise fit on the original cars





#lotusexigerr  
#exigerr

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LOTUS EXIGER R  
ROAD RACING V6







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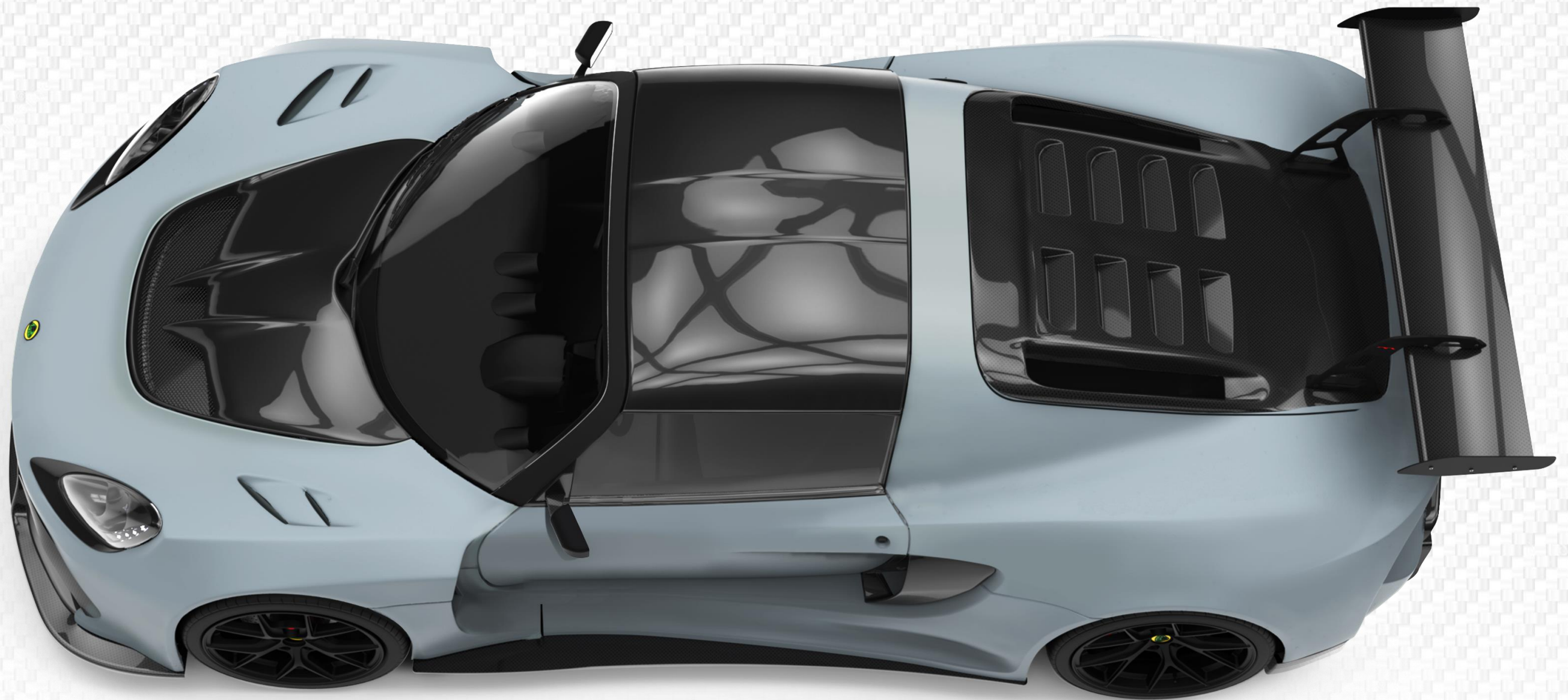


LOTUS EXIGE R

ROAD RACING V6



- Carbon rear bonnet, front access panel and Hard top to improve weight
- Side air intake to double the cooling of the compressor
- At over 70mm wide more to OEM for side, for total increase to 140mm the Exige RR, it has improved to stability for long curves
- With full wide body carbon and parts the car have under 1000 kg weight get an explosive mix of performance.
- Special feature of our Exige RR are the new wheels look even more aggressive and possible to reach our ultimate weight goal





Hard Top  
Full Carbon

Louver (380 Cup)  
Aerodynamic

Front Access Panel  
New Design  
Or  
Exige 380 Cup

Front Splitter  
Aerodynamic

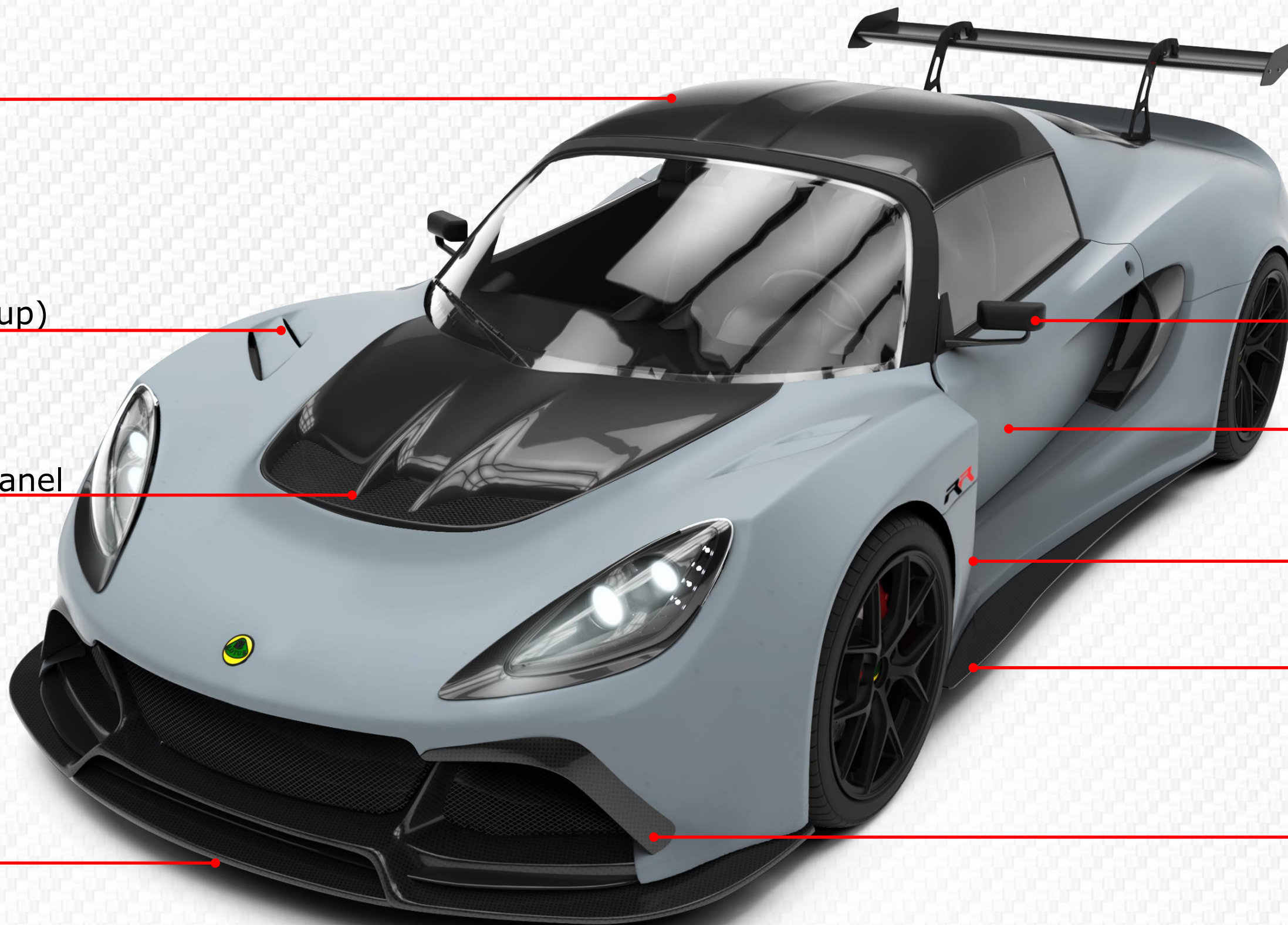
Mirrors GT4  
Carbon

Door  
Carbon

Big Fender  
Aerodynamic

Side Skirts  
Carbon

Air Conveyors  
Aerodynamic





Rear Bonnet GT  
V 2.0

Rear Canards  
Aerodynamic

Rear Diffuser  
Grill Support





# Aerodynamic



**EXIGE R**  
ROAD RACING V6

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Improved cooling system,  
which is as well a part of the  
new aero pack.

The increase of the nolder  
helps the extraction of the air  
due to the Venturi effect

The dedicated vents ensure  
20% increase of the airflow on  
the oil radiator

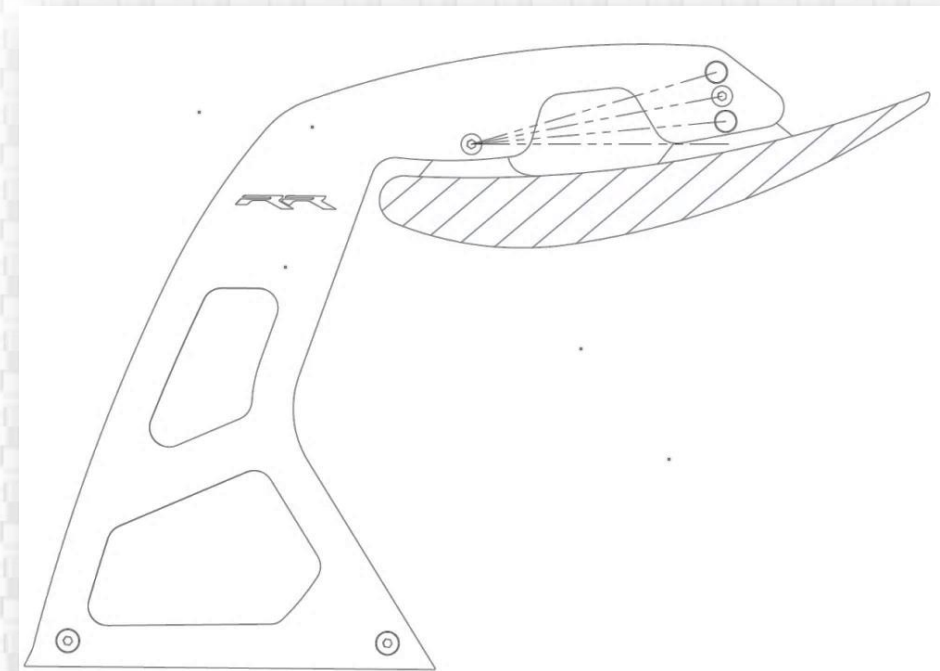




## Aerodynamic Details

For maximum downforce and performance on race tracks, we have reshaped the rear Spoiler and support, Backward it by 150 mm, Lowered 20mm.

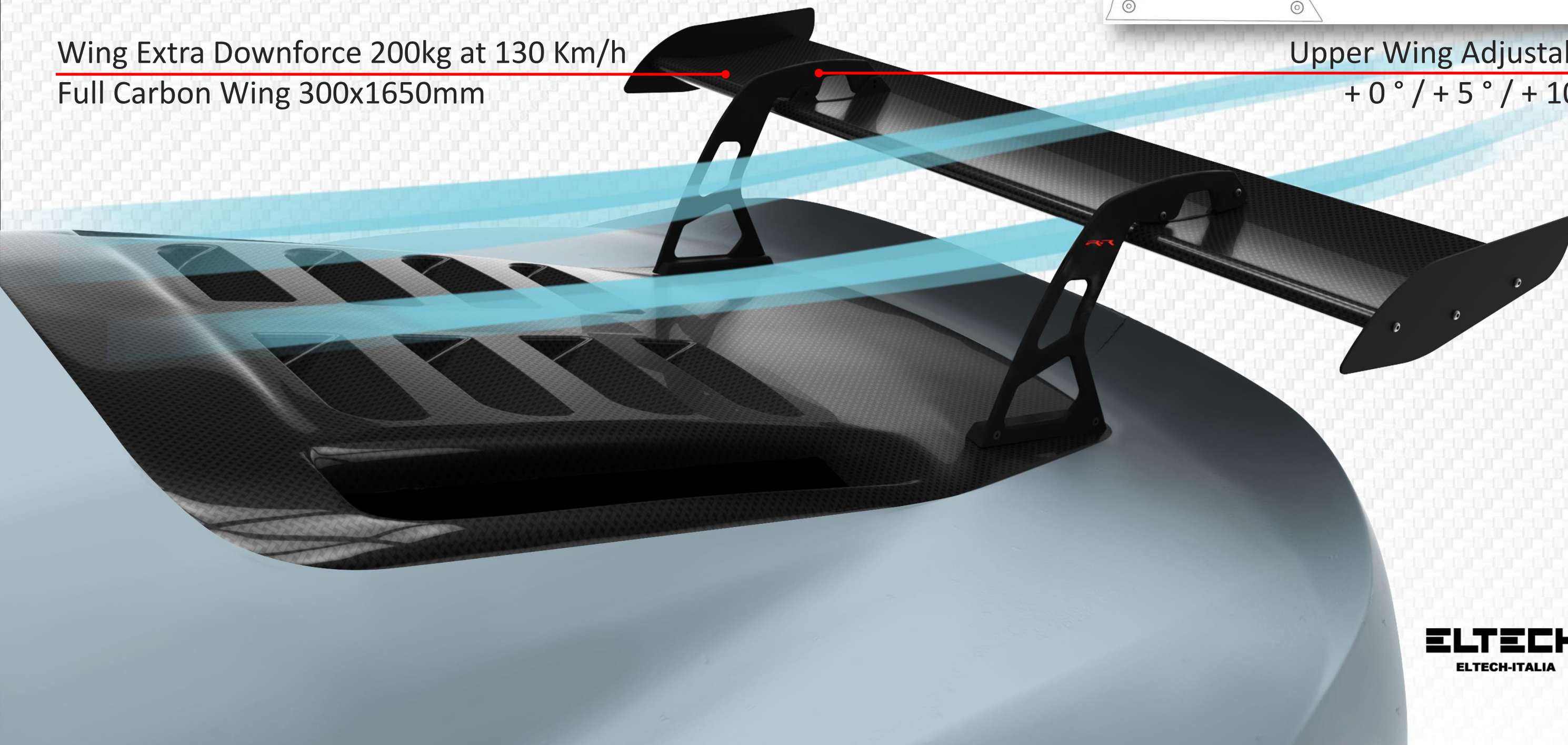
Was possible a complete re-engineering of the support external and internal, with fixed directly to sub frame of car



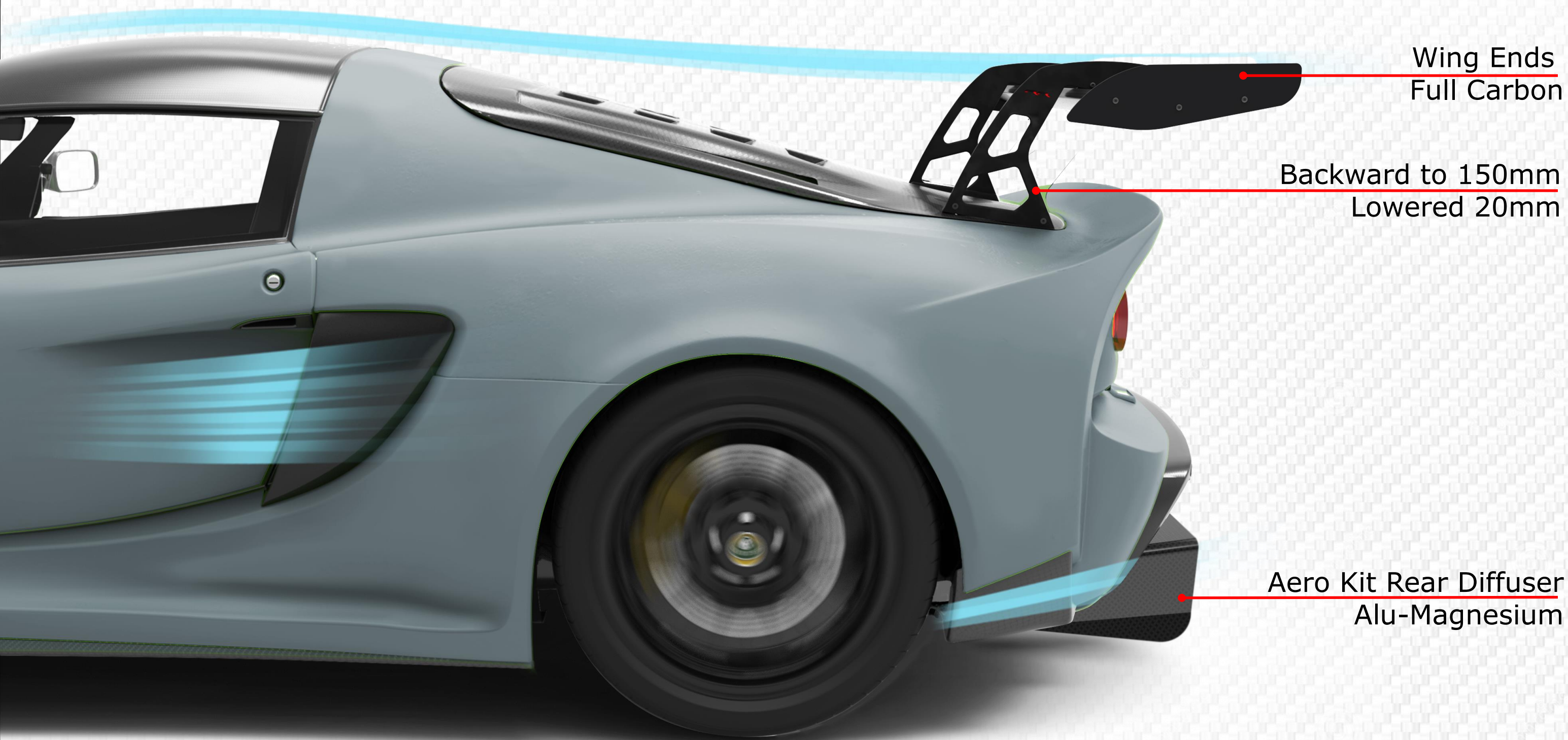
Wing Extra Downforce 200kg at 130 Km/h  
Full Carbon Wing 300x1650mm

## Upper Wing Adjustable

+ 0 ° / + 5 ° / + 10 °







The lower rear diffuser end is perfect with a new designed, significantly larger rear wing, working in synergy to provide 20% more downforce where it matters!



For us aerodynamics is very important and our cars are built based on performance so we decided to increase side skirts by 200mm to ensure best racing performance

The 20% larger front splitter and the increased surface of the dive plains with large lateral winglets provide a significantly higher downforce and improved airflow management.



Improved from OEM the:

- Central Flow dynamic
- Dimension for Race or Track Day Using
- (25% downforce more)
- Improved the dirty and clean flows
- Stronger Material
- Lightweight
- Completely plug and play of OEM Holes



The Rear Diffuser Larger to maximize the downforce.  
To shape curved to optimize the overall airflow management under the car, the new diffuser is develop in the track.



Hard Top

4,2 Kg

Front Access RR Version  
or 380 CUP

2 Kg

Front Clam

7 Kg

Front Splitter

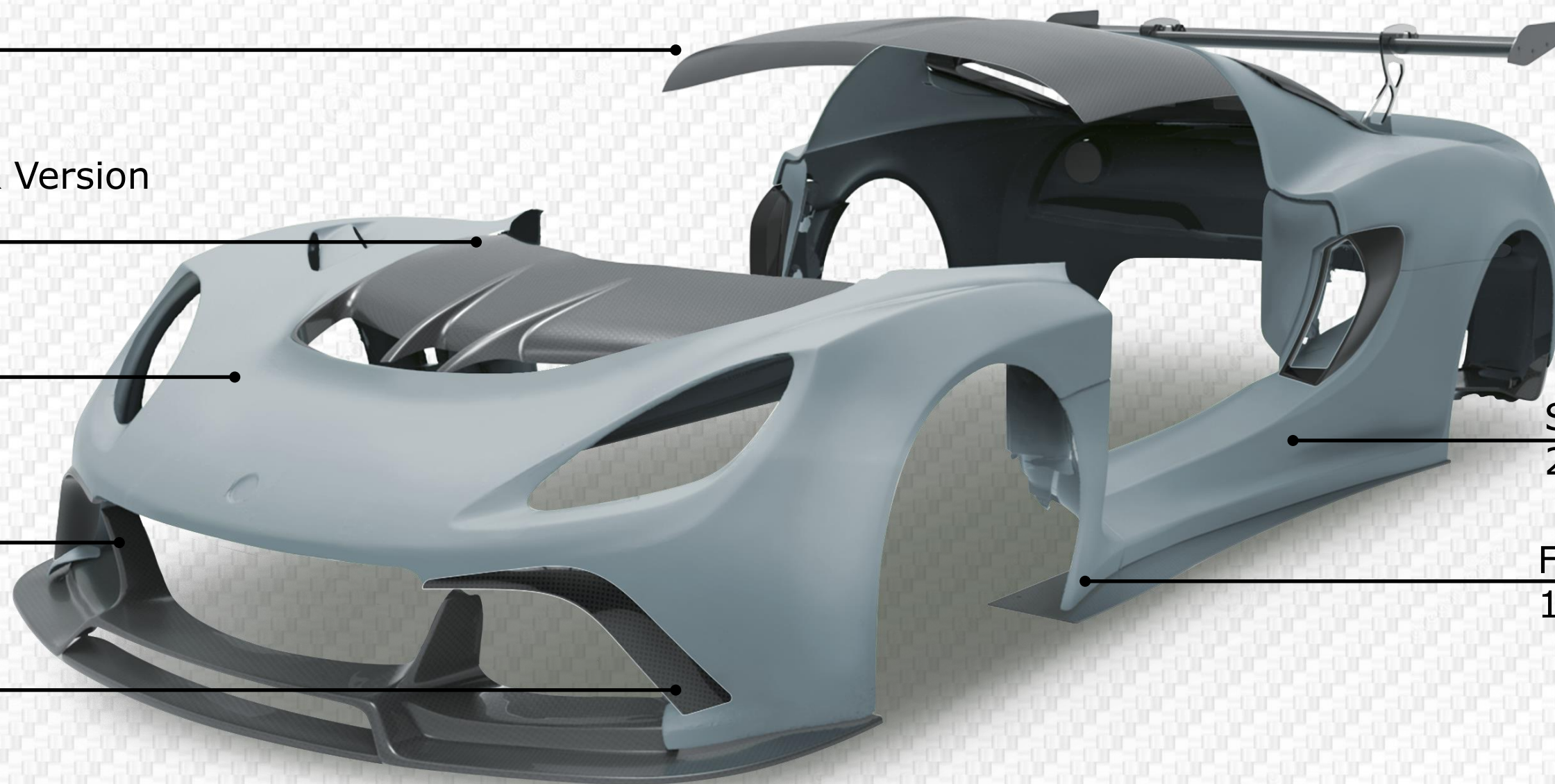
5 Kg

Front Flap

0,3 Kg x 2

Skirts Full  
2 Kg x 2

Fender Big  
1,2 Kg x 2





Wing RR + Support for (350S / 380 cup / 410 / 430)  
4 Kg + 2 Kg



Rear Bonnet  
3,8 Kg

Side Scoop  
2 Kg

Rear Clam + Loading Zone  
12 Kg

Rear Canards  
0,4 Kg



## Full Kit Wide Body

- Front Splitter
- Front Clam with Louver
- Front Flap
- Front Access
- Side Fender
- Doors
- Side Skirts to Frame
- Hard Top
- Rear Clam + Luggage Zone
- Rear Bonnet GT
- Rear Diffuser
- Rear Canards
- Kit Spoiler RR



Full Carbon Visible Fish-Bone or Paint	39000€
Full Carbon For Paint	29000€

Assembly and Processing	12000€
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## Kit Wide Body

- Front Splitter
- Front Clam with Louver
- Front Flap
- Side Fender
- Side Skirts to Frame
- Rear Clam + Luggage Zone



Full Carbon Visible Fish-Bone or Paint	28000€
Full Carbon For Paint	22000€

Assembly and Processing	10000€
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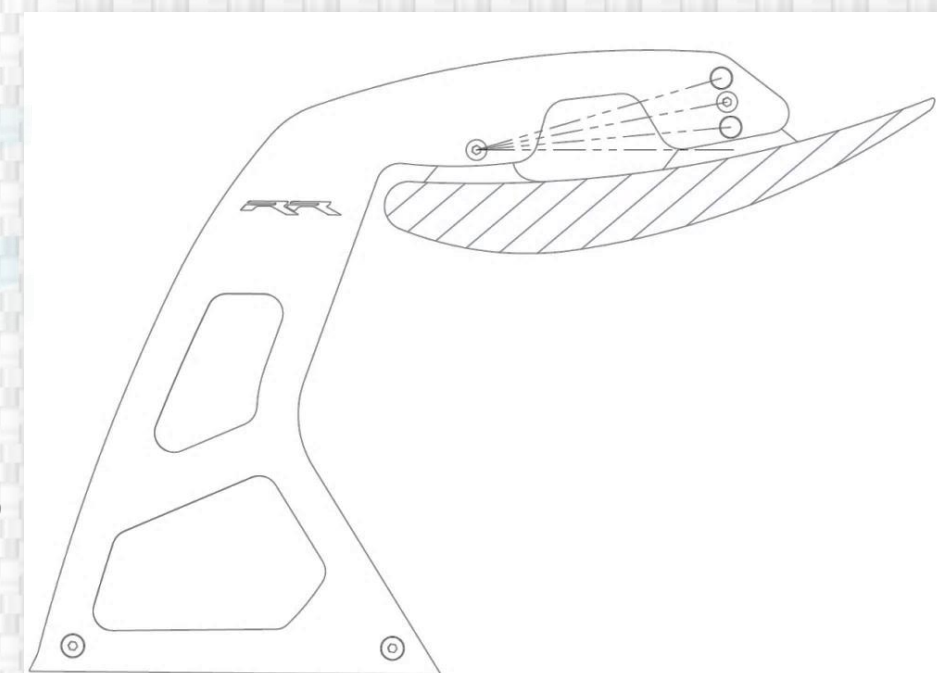
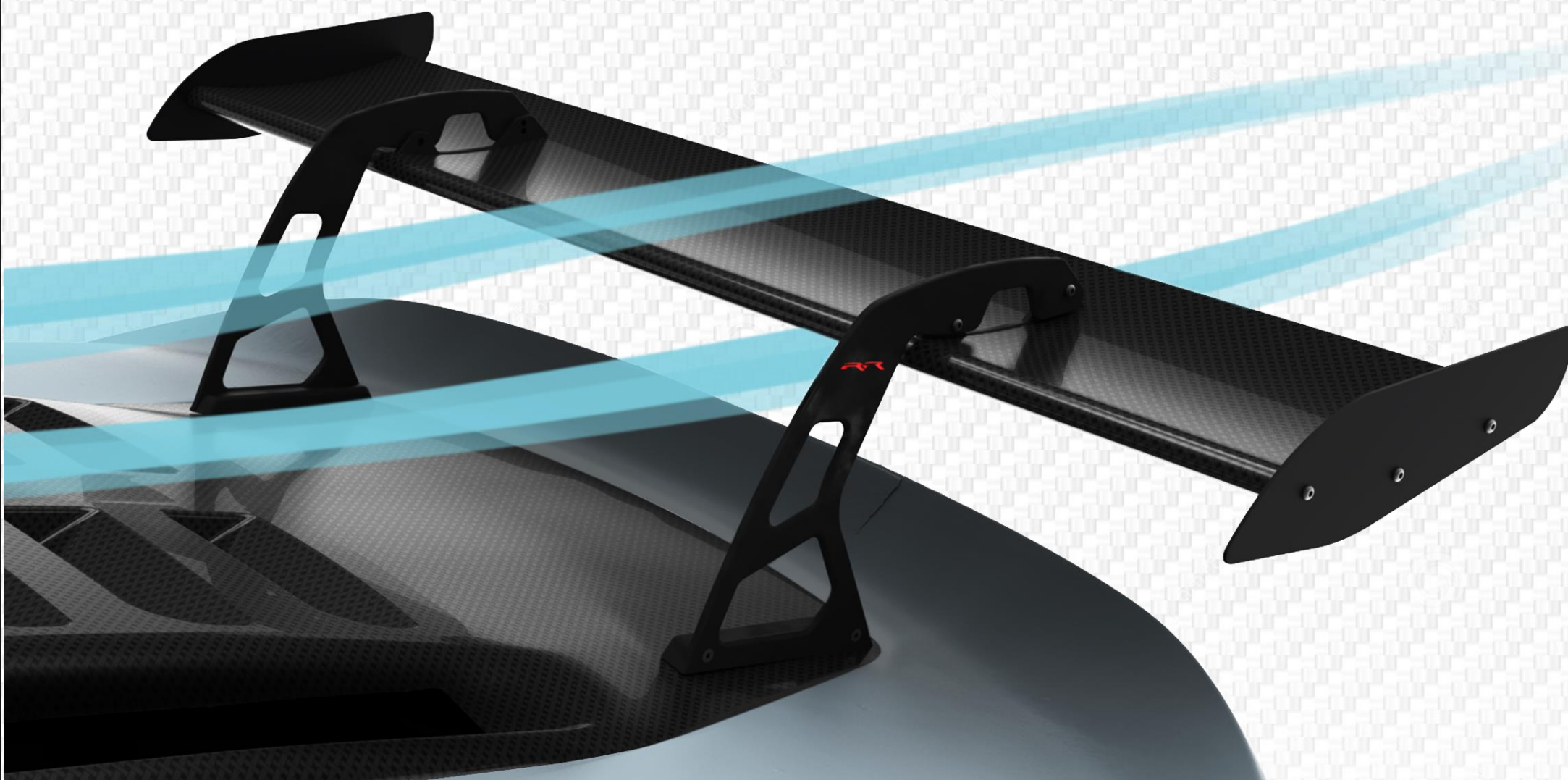


## KIT Spoiler RR

- Wing Specific RR 1650x300 (4 Kg)
- Support CNC RR Swan-neck (2 Kg)
- Base CNC Specific (1 Kg)
- Kit support internal with fixed directly to Sub-frame

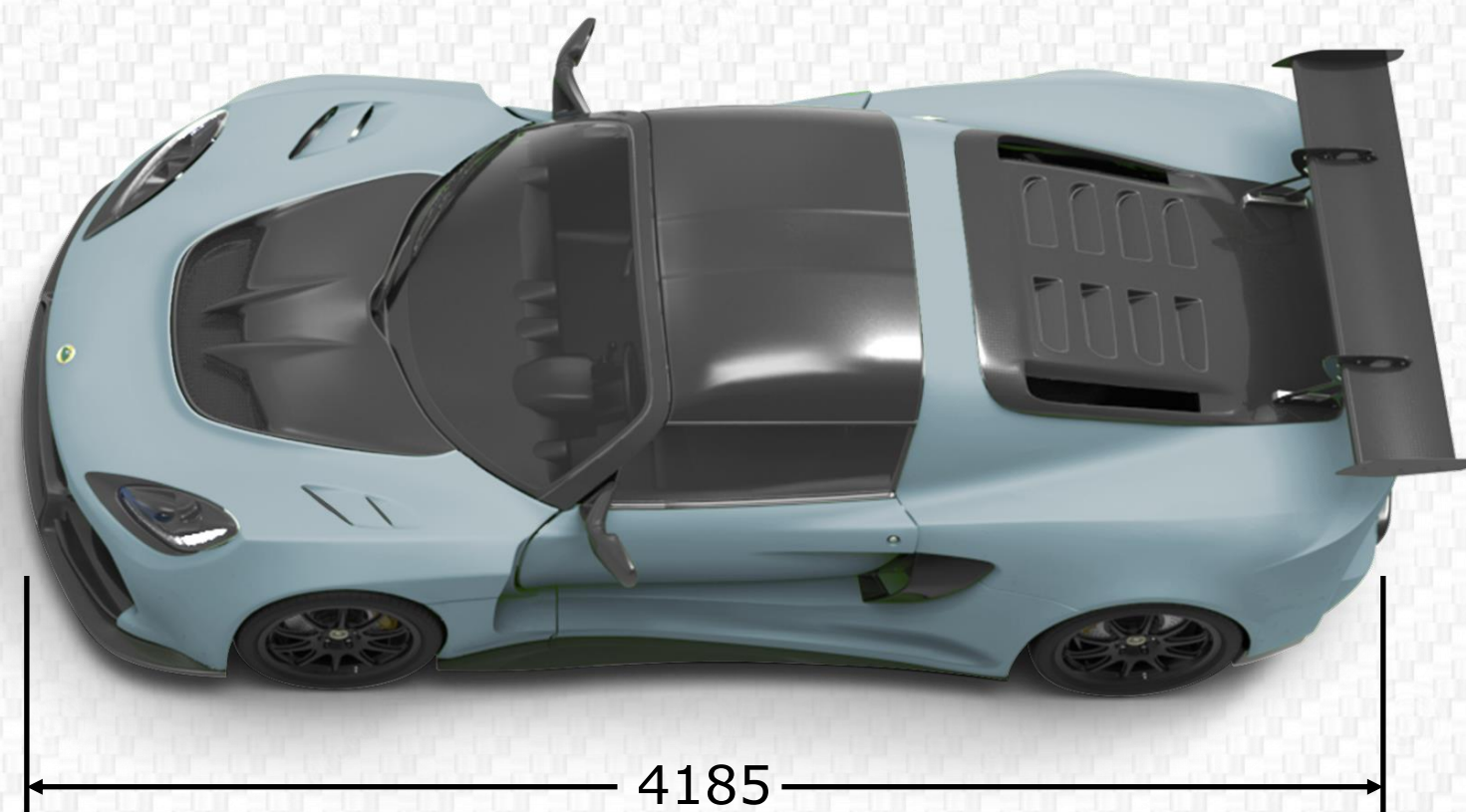
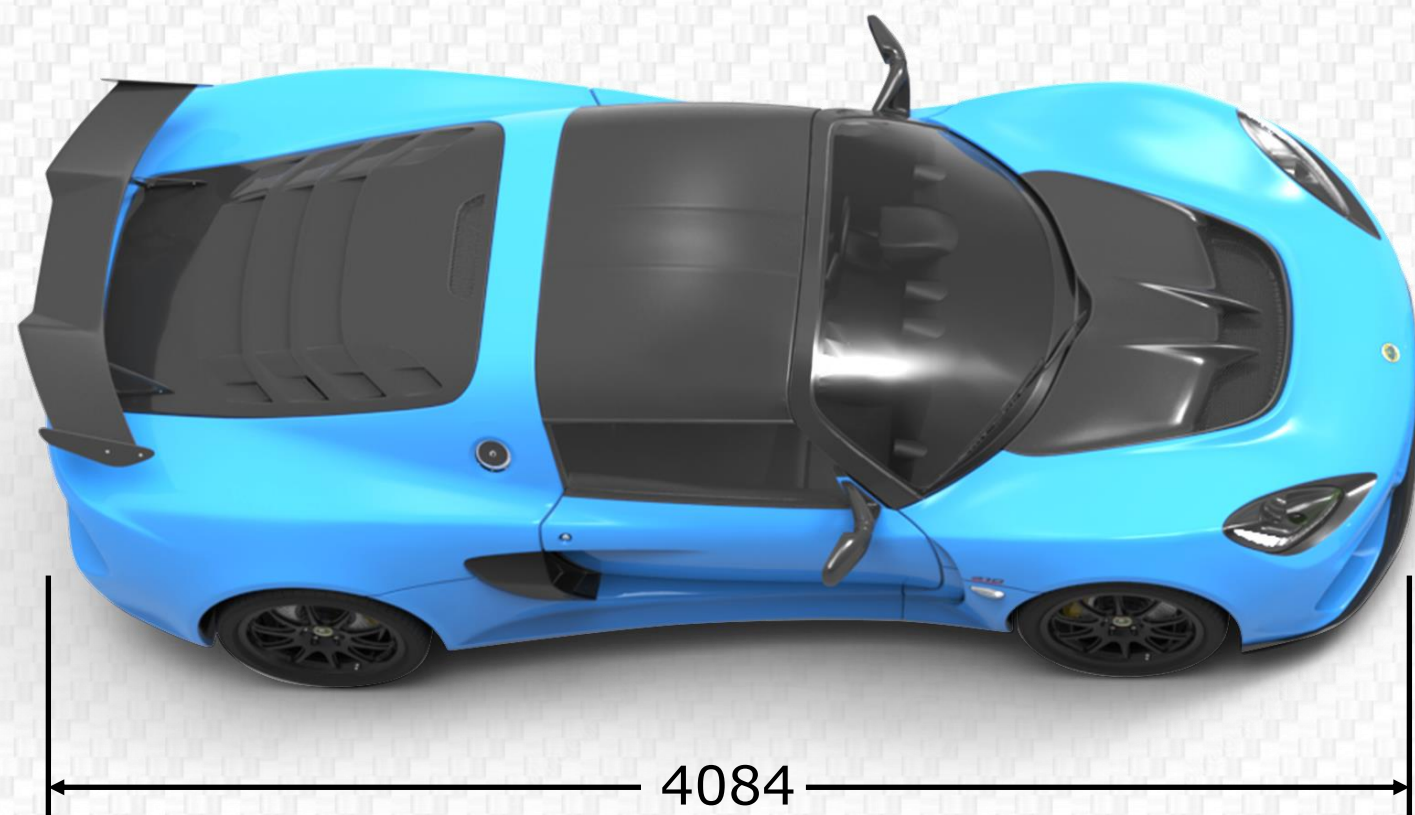
Full Carbon Visible Fish-Bone 2800€

Upper Wing Adjustable  
+ 0 ° / + 5 ° / + 10 °

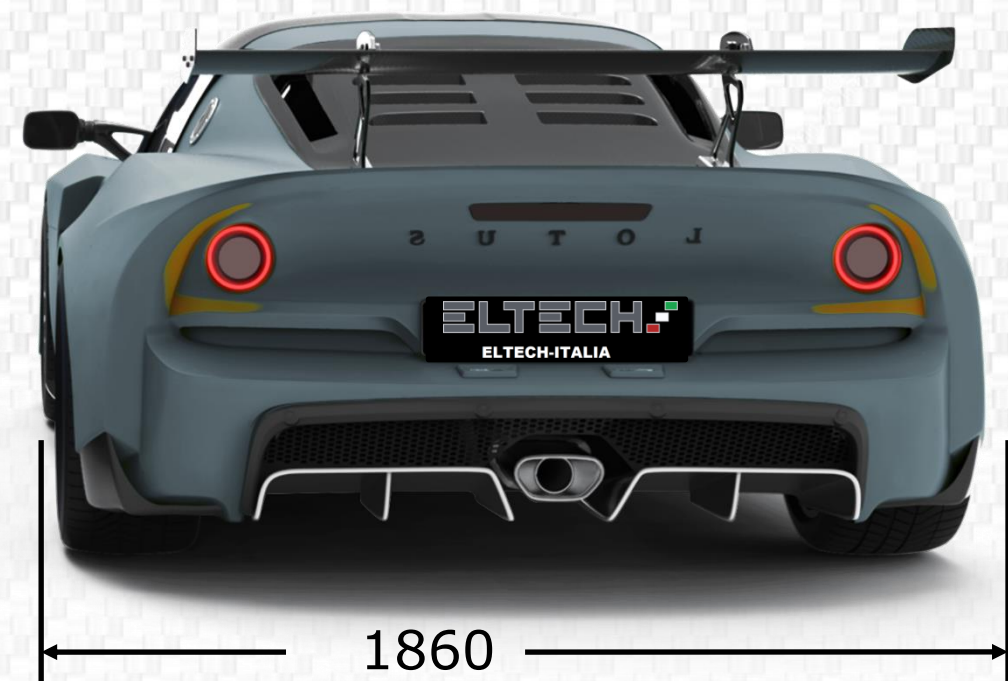
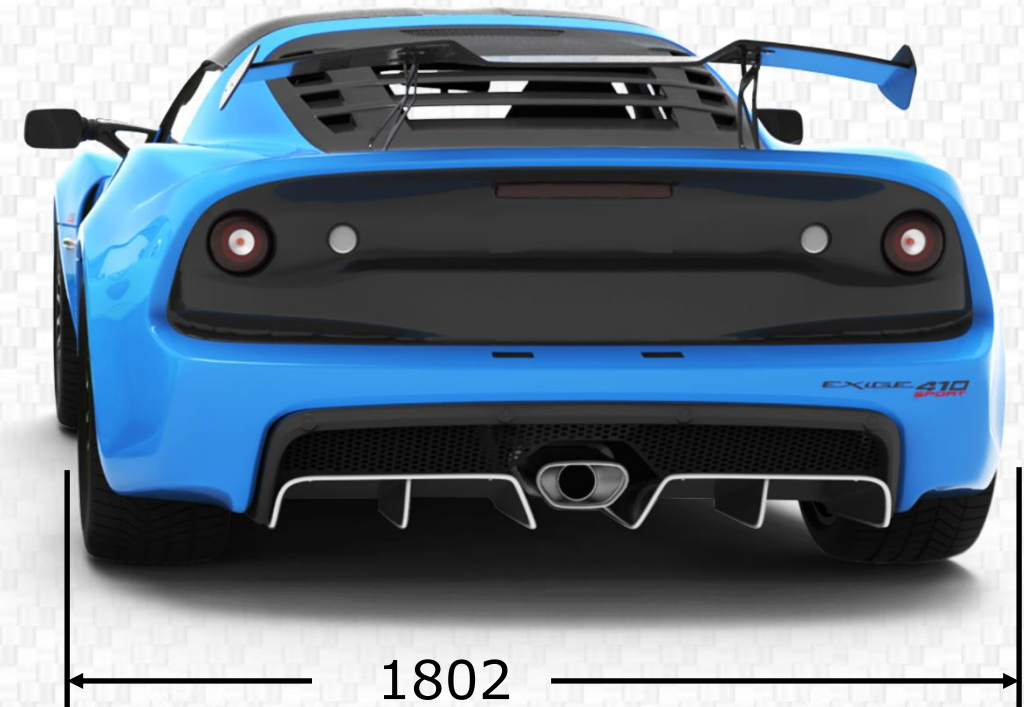


Support Base Specific for Exige Models ( 350S / 380 cup / 410 / 430)











## Seat Model V1R

Carbon Front Skin (Glossy/Matt)  
Lightweight: 2,8 Kg  
Lotus Fixing System

Track Day Using Score: 9/10  
Road Using Score: 6/10

100% Construction in Autoclave  
Padding Alcantara / Leather  
Customize the Seat with Logo  
Mounted on brackets genuine  
Belt 4/5/6 Point

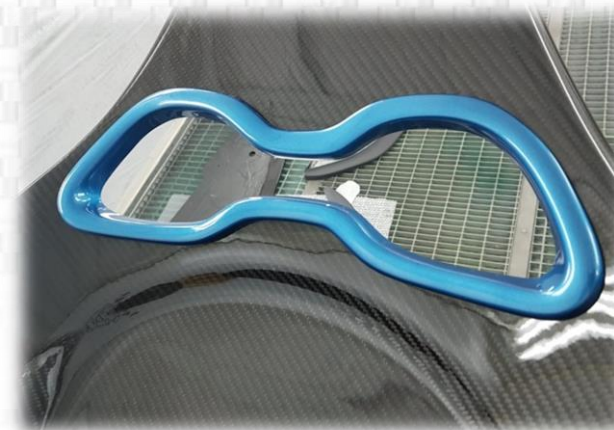
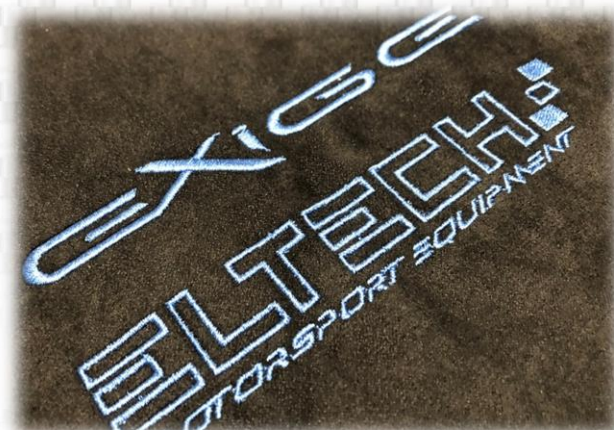
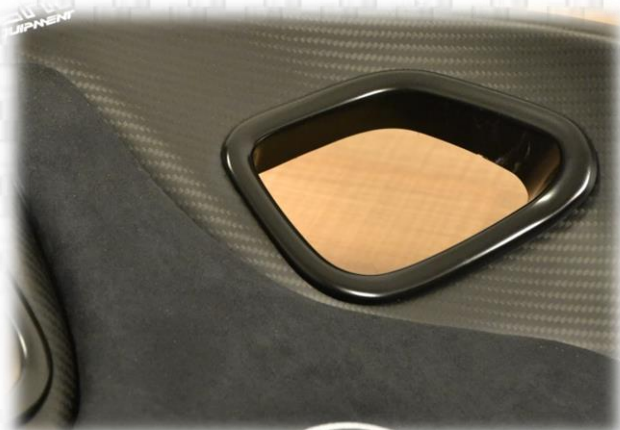
## Seat Model V3

Carbon Double Skin (Glossy/Matt)  
Lightweight: 3,5 Kg  
Lotus Fixing System

Track Day Using Score: 6/10  
Road Using Score: 10/10

100% Construction in Autoclave  
Padding Alcantara / Leather  
Customize the Seat with Logo  
Mounted on brackets genuine  
Belt 4/5/6 Point

For Improved the Weight the seats full carbon monocoque V1R and V3 make from Eltech-Italia (test passed UN ECE R17). Functionally inspired by real racing seat technology but featuring a modern, technical architectural design.  
Is custom manufactured for each passenger for a perfect anatomical fit.





Special feature of our Exige RR are the new wheels to make it look even more aggressive and possible to reach our ultimate weight goal  
(Specific ET)

## AVAILABLE SIZES:

17x7	-	7.6kg
17x8	-	8.3kg
17x9	-	8.8kg

18x8	-	8.3kg
18x8.5	-	8.5kg
18x9.5	-	8.6kg
18x10.5	-	9.2kg





## Stage 1

Exhaust with Valve

## Stage 2

Manifold + Y 200 Cell + Exhaust with Valve

## Stage 3

Manifold + Y No Cat + Exhaust with Valve

## Ceramic Treatment

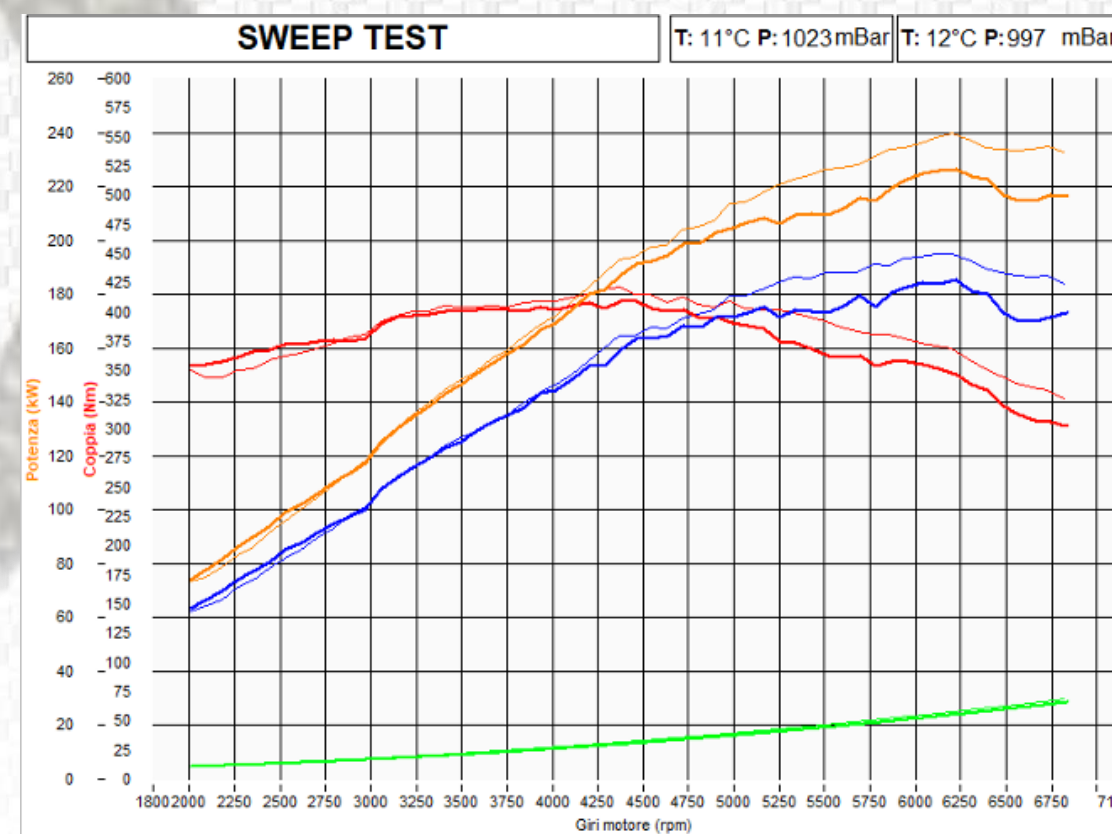


New much lighter and better performing exhaust system



PROVA ORIGINALE	PROVA CON LINEA COMPLETA RAGAZZON	
Potenza massima all'albero: <b>228,9 kW 311,3 Cv</b>	<b>240,0 kW 326,4 Cv</b>	Riferimento
Corretta secondo: <b>DIN 70200</b>	<b>DIN 70200</b>	
Potenza massima alla ruota: <b>210,8 kW 286,7 Cv</b>	<b>221,0 kW 300,6 Cv</b>	
Potenza massima a: <b>172 km/h</b>	<b>175 km/h</b>	
corrispondenti a <b>6078 giri/min</b>	<b>6190 giri/min</b>	Confronto
Potenza massima applicata: <b>188,4 kW</b>	<b>196,6 kW</b>	
Coppia massima: <b>412,2 Nm 42,03 kgm</b>	<b>424,0 Nm 43,23 kgm</b>	
Coppia massima a: <b>124 km/h</b>	<b>124 km/h</b>	
corrispondenti a <b>4393 giri/min</b>	<b>4380 giri/min</b>	
Velocità massima: <b>193 km/h</b>	<b>193 km/h</b>	
Numero giri massimo: <b>6838 giri/min</b>	<b>6824 giri/min</b>	
P. Turbo massima : <b>0 mBar</b>	<b>0 mBar</b>	
P. Turbo massima a: <b>57 km/h</b>	<b>57 km/h</b>	
corrispondenti a <b>2001 giri/m</b>	<b>2002 giri/min</b>	

Potenza alla ruota	Linea Blu
Potenza persa	Linea Verde
Potenza all'albero	Linea Arancione
Coppia all'albero	Linea Rosso
Pressione turbo	Linea Viola
Lambda	Linea Giallo
Lambda OBD	Linea Verde
Potenza alla ruota	Linea Blu
Potenza persa	Linea Verde
Potenza all'albero	Linea Arancione
Coppia all'albero	Linea Rosso
Pressione turbo	Linea Viola
Lambda	Linea Giallo
Lambda OBD	Linea Verde





Lotus / Exige Mk3 2012>> / (Roadster / Coupè) S 3.5i V6 (257kW) 2012>>

4 Prodotti



**50.1089.80**

**2.880,00 €** IVA esclusa

3.513,60 € IVA inclusa

Collettori inox con tubo eliminazione catalizzatori e con trattamento di ceramicatura [...altro](#)

DETTAGLIO

SELEZIONA



**50.1090.05**

**1.940,00 €** IVA esclusa

2.366,80 € IVA inclusa

Posteriore inox con terminali rotondi centrali 2x90 mm [...altro](#)

DETTAGLIO

SELEZIONA



**50.1090.05B**

**2.024,00 €** IVA esclusa

2.469,28 € IVA inclusa

Posteriore inox con terminali rotondi centrali 2x90 mm Black [...altro](#)

DETTAGLIO

SELEZIONA



**50.1090.73**

**2.100,00 €** IVA esclusa

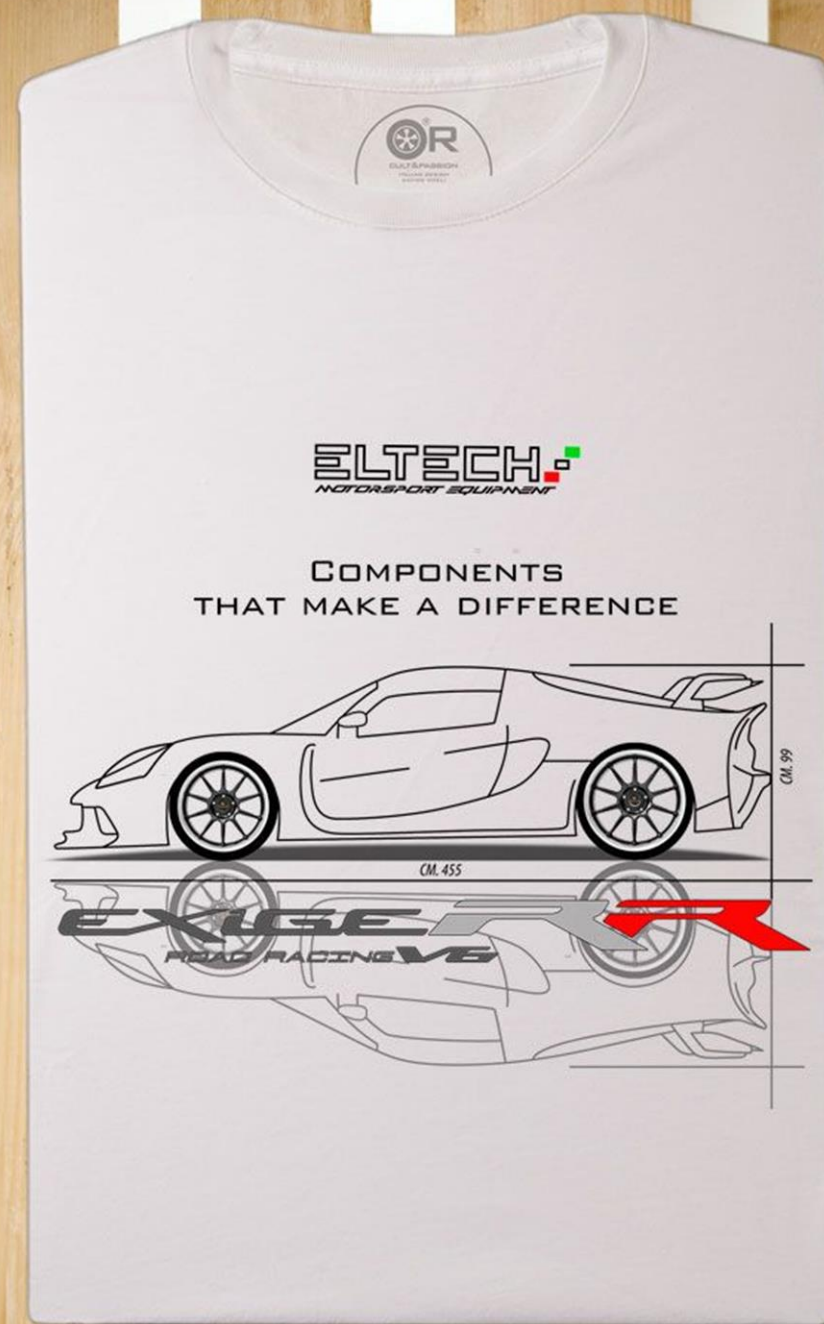
2.562,00 € IVA inclusa

Posteriore inox con terminali rotondi centrali 2x90 mm Carbon Racing [...altro](#)

DETTAGLIO

SELEZIONA





Price 69€



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