

EXIGER

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



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

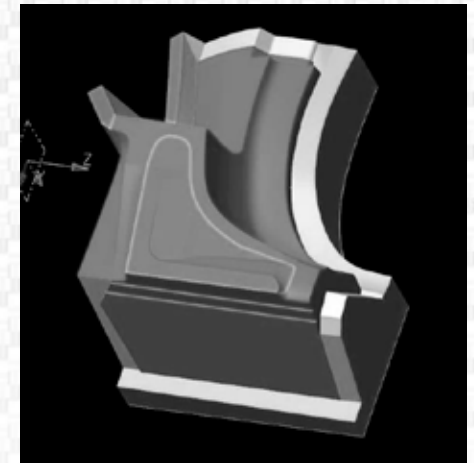


Project Develop

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** 
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



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

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

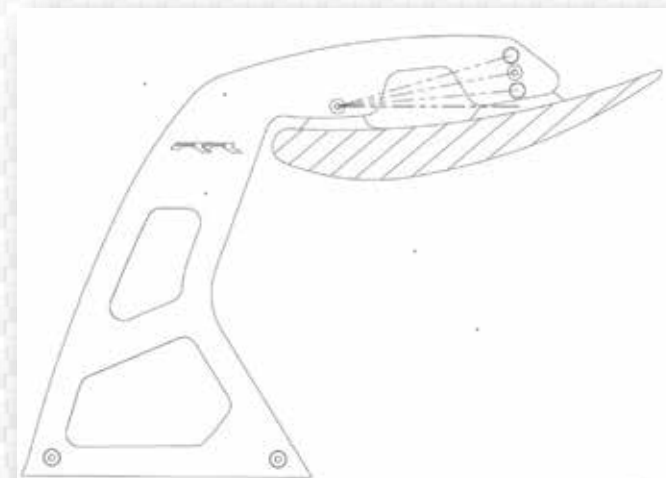
The dedicated vents ensure
20% increase of the airflow on
the oil radiator



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



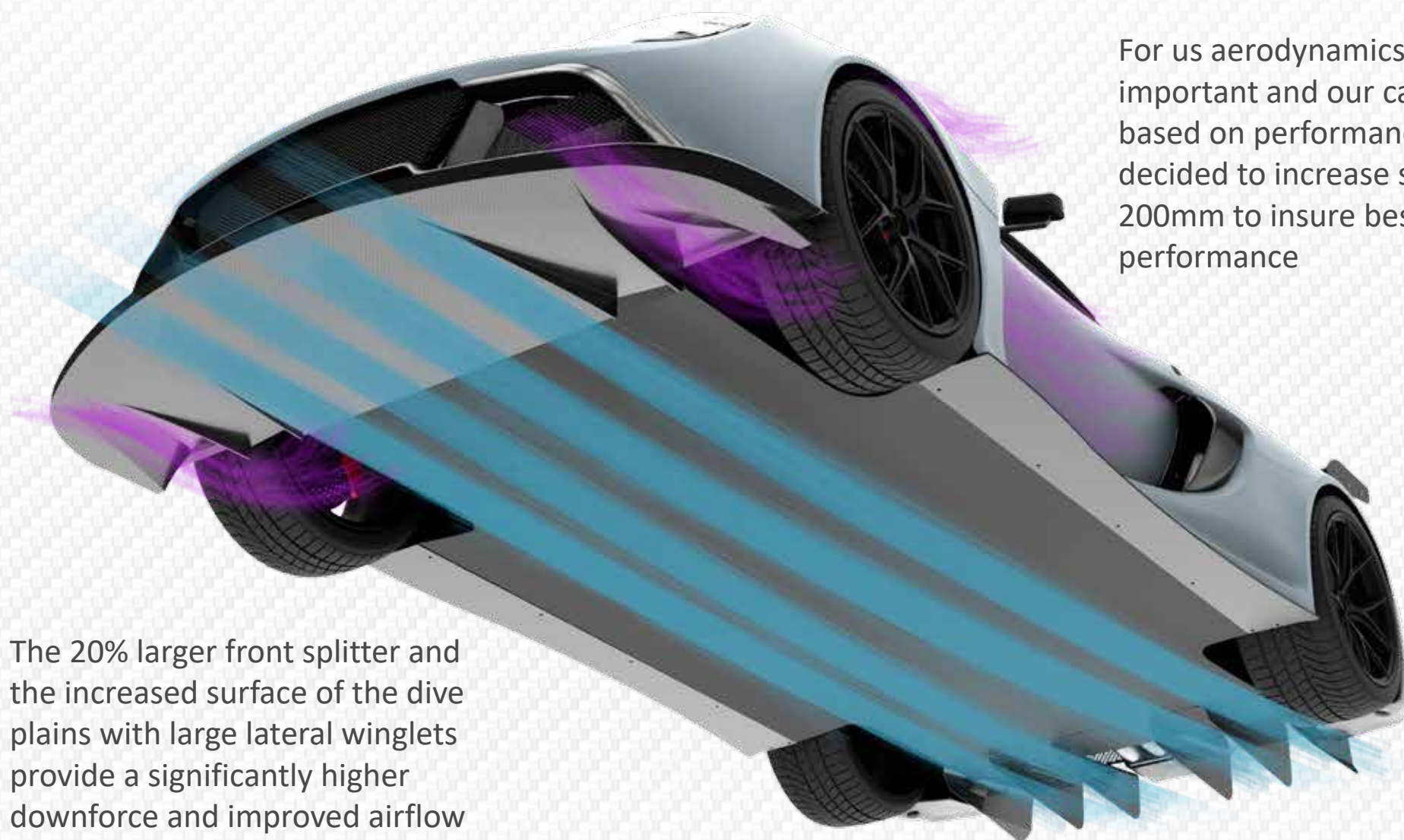
Upper Wing Adjustable
+ 0 ° / + 5 ° / + 10 °





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 insure 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.



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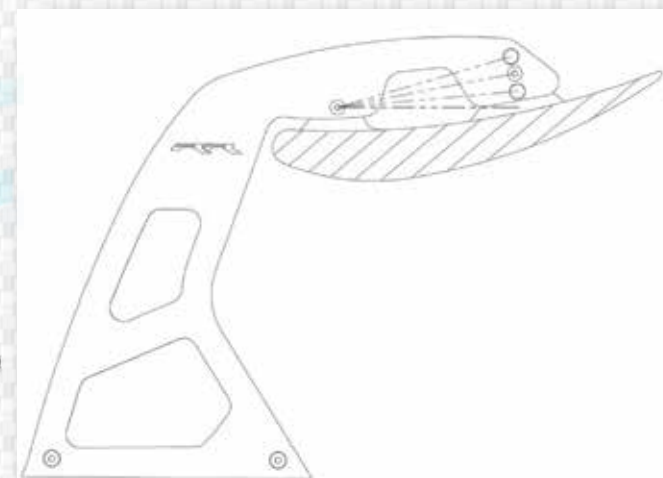
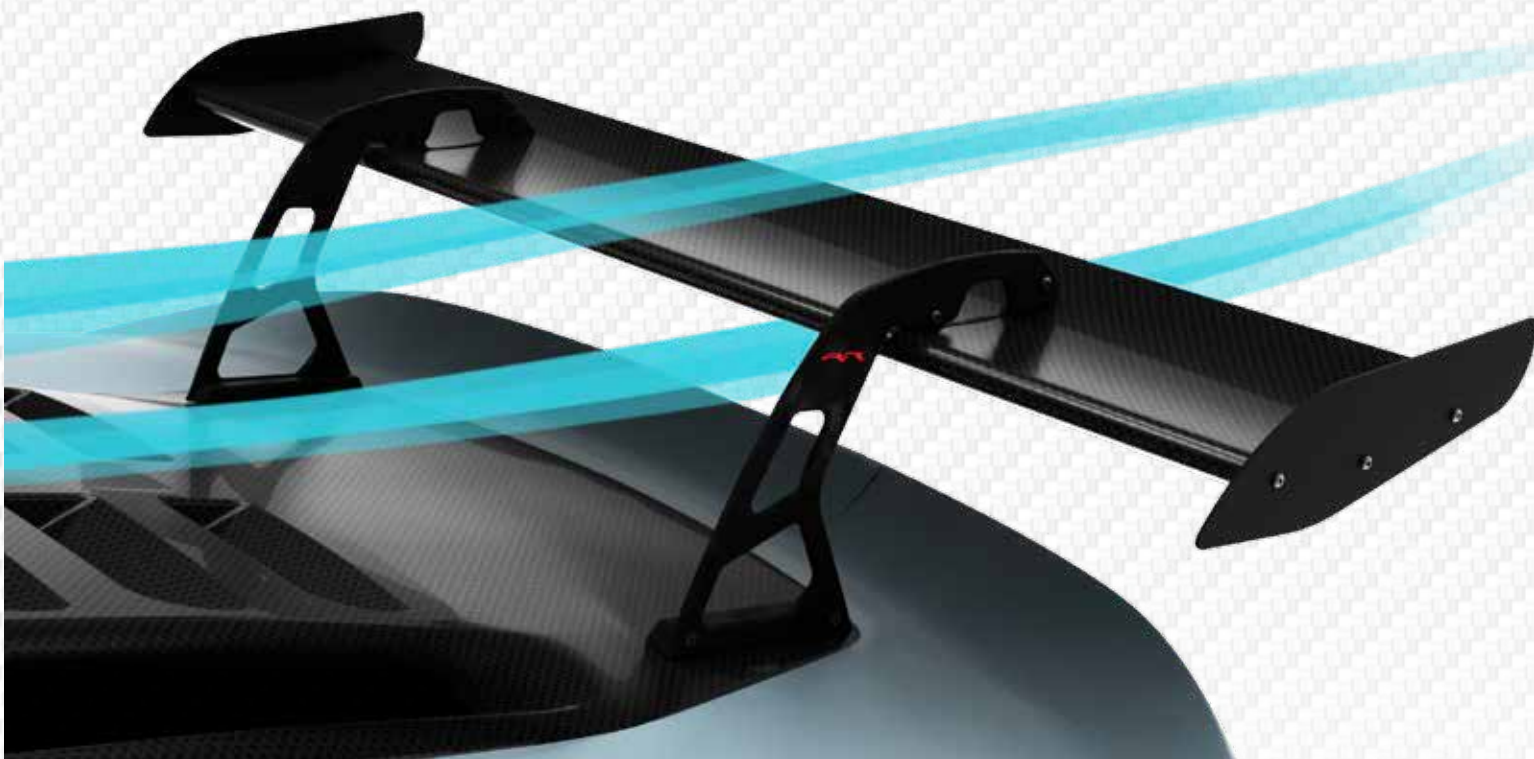
KIT Spoiler RR

- Wing Specific RR 1650x300 (4 Kg)
- Support CNC RR Swan-neck (2 Kg)
- Base CNC Specific (1 Kg)

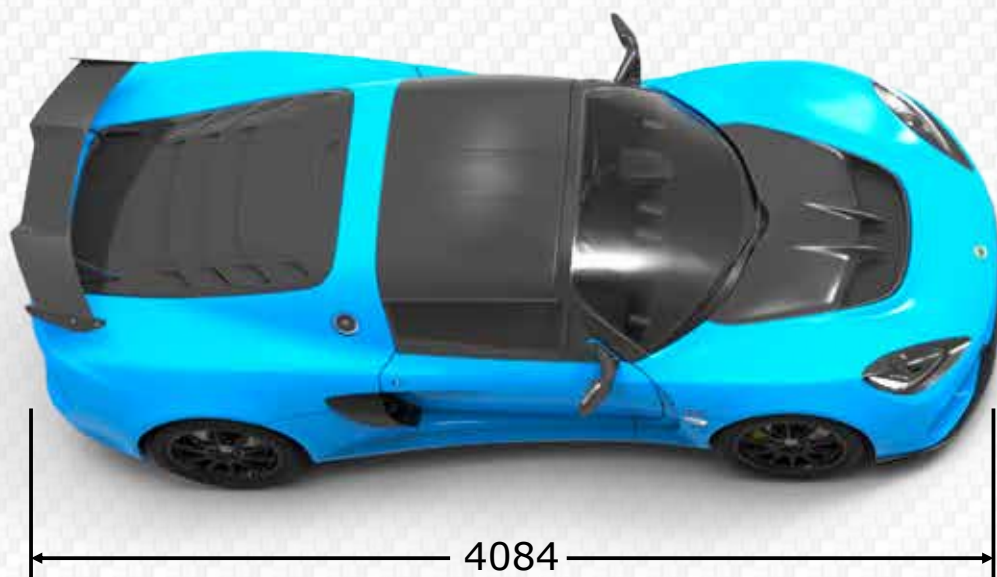
-Kit support internal with fixed directly to Sub-frame

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

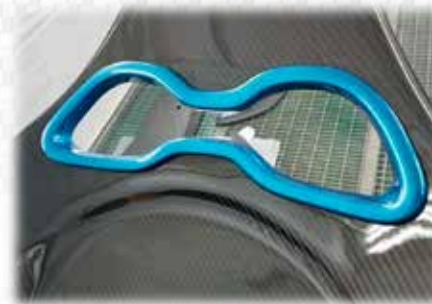
Seat Model V3

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	18x8	-	8.3kg
17x8	-	8.3kg	18x8.5	-	8.5kg
17x9	-	8.8kg	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

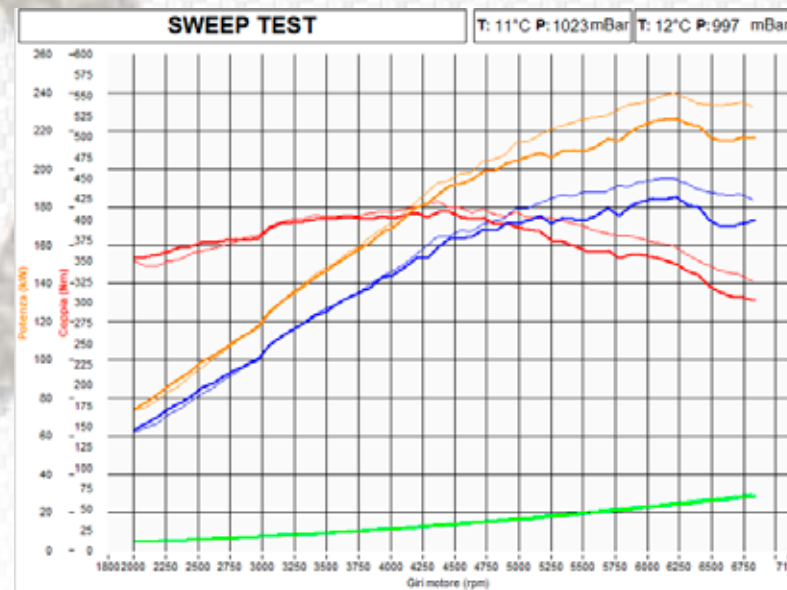


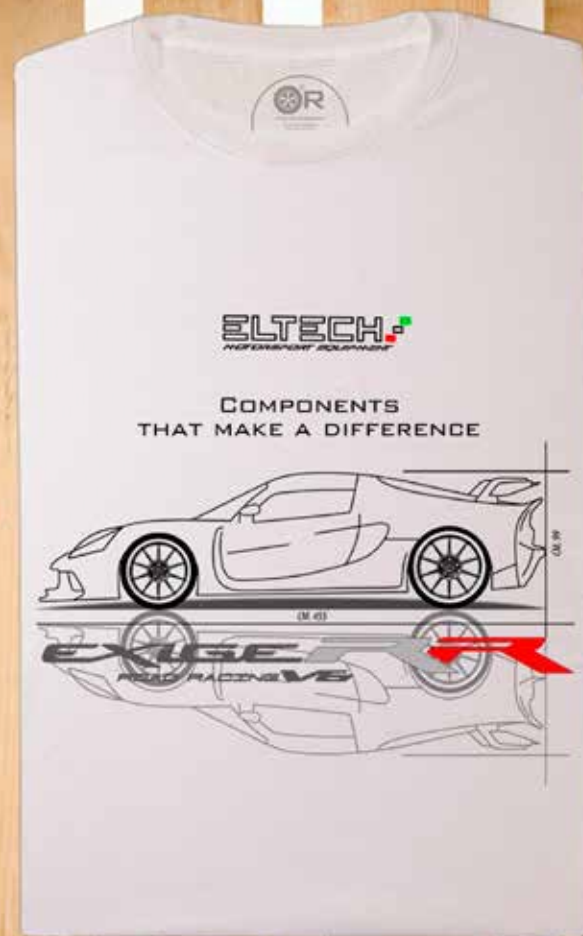
New much lighter and better performing exhaust system



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

Potenza alla ruota	
Potenza persa	
Potenza all'albero	
Coppia all'albero	
Pressione turbo	
Lambda	
Lambda OBD	
Potenza alla ruota	
Potenza persa	
Potenza all'albero	
Coppia all'albero	
Pressione turbo	
Lambda	
Lambda OBD	





Price 69€

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