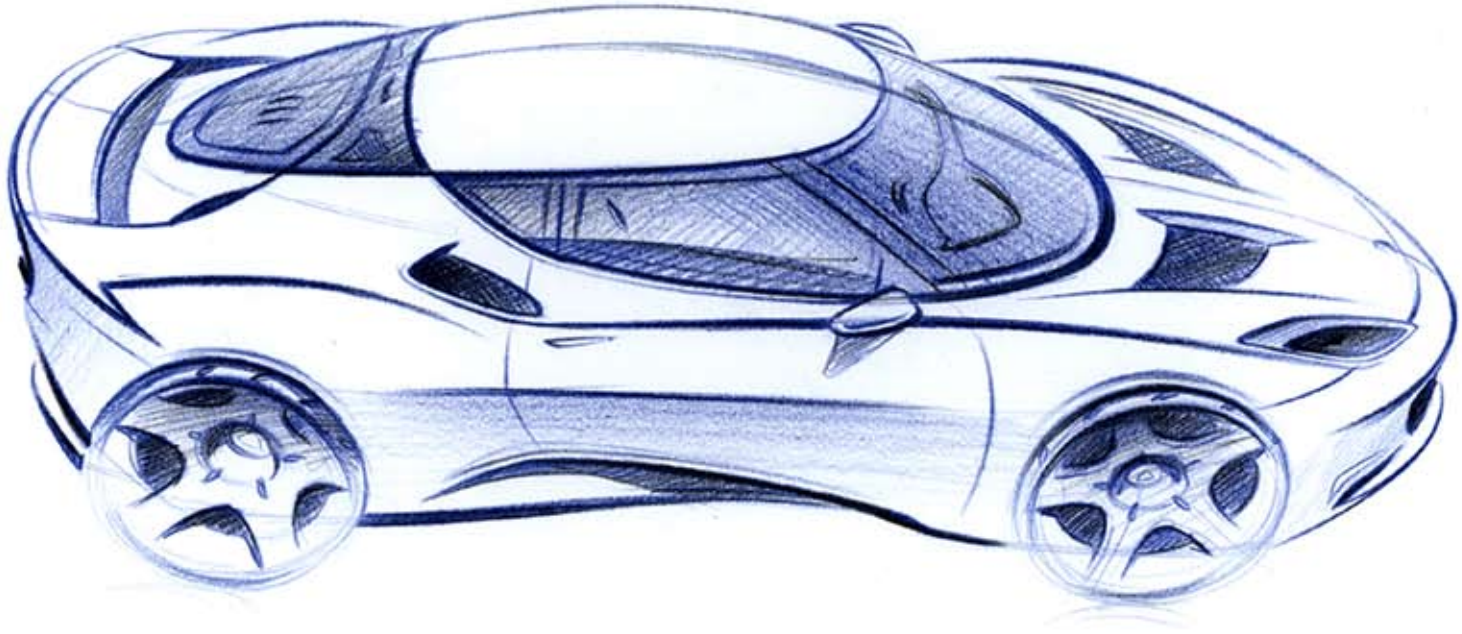
# EVORA

## DESIGN CONCEPT BOOK





# BRIEF

Exclusive

2+2 mid engine layout

A compact, practical sports car

Exceptional performance through lightweight

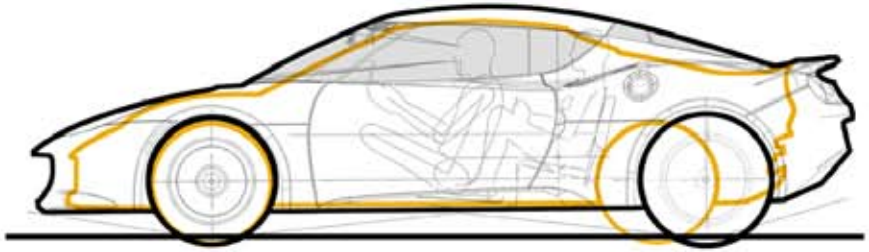
Stunning visual impact

Fun to own and drive

The Lotus “DNA” is visible in the design


ELISE
EXIGE
4 MID
2 SEATER
EVORA
6 MID
2 SEATER AND 2+2
ESPRIT
2 SEATER

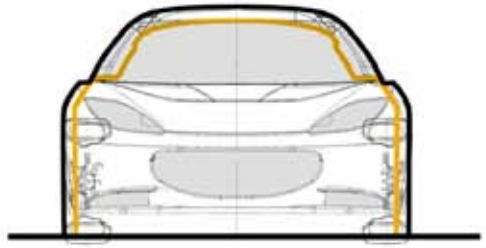
## How the Evora compares to the Elise in size



**WHEELBASE**

| elise | evora |
|---|---|
| 2300 | 2575 |

+275



**WIDTH**

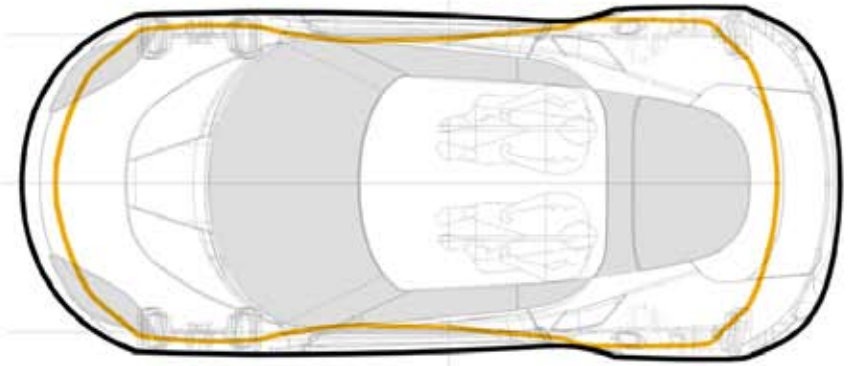
| elise | evora |
|---|---|
| 1719 | 1848 |

+129

**HEIGHT**

| elise | evora |
|---|---|
| 1117 | 1219 |

+102



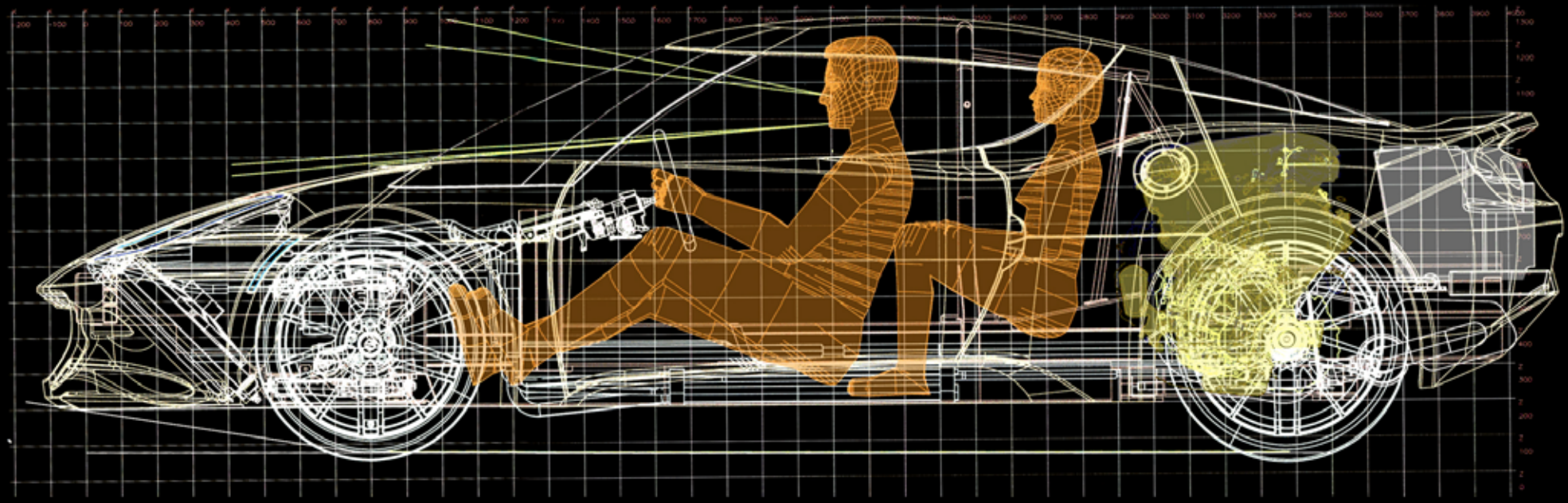
**LENGTH**

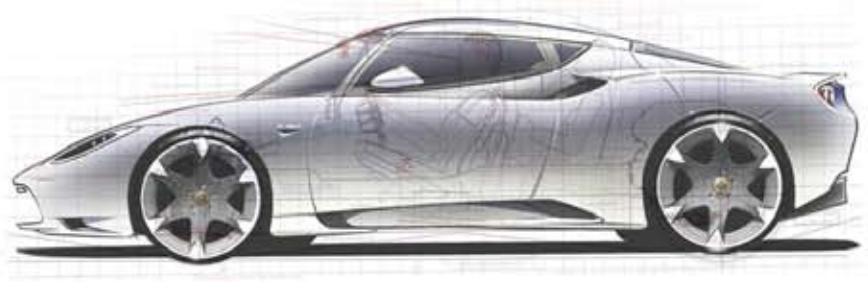
| elise | evora |
|---|---|
| 3785 | 4344 |

+559

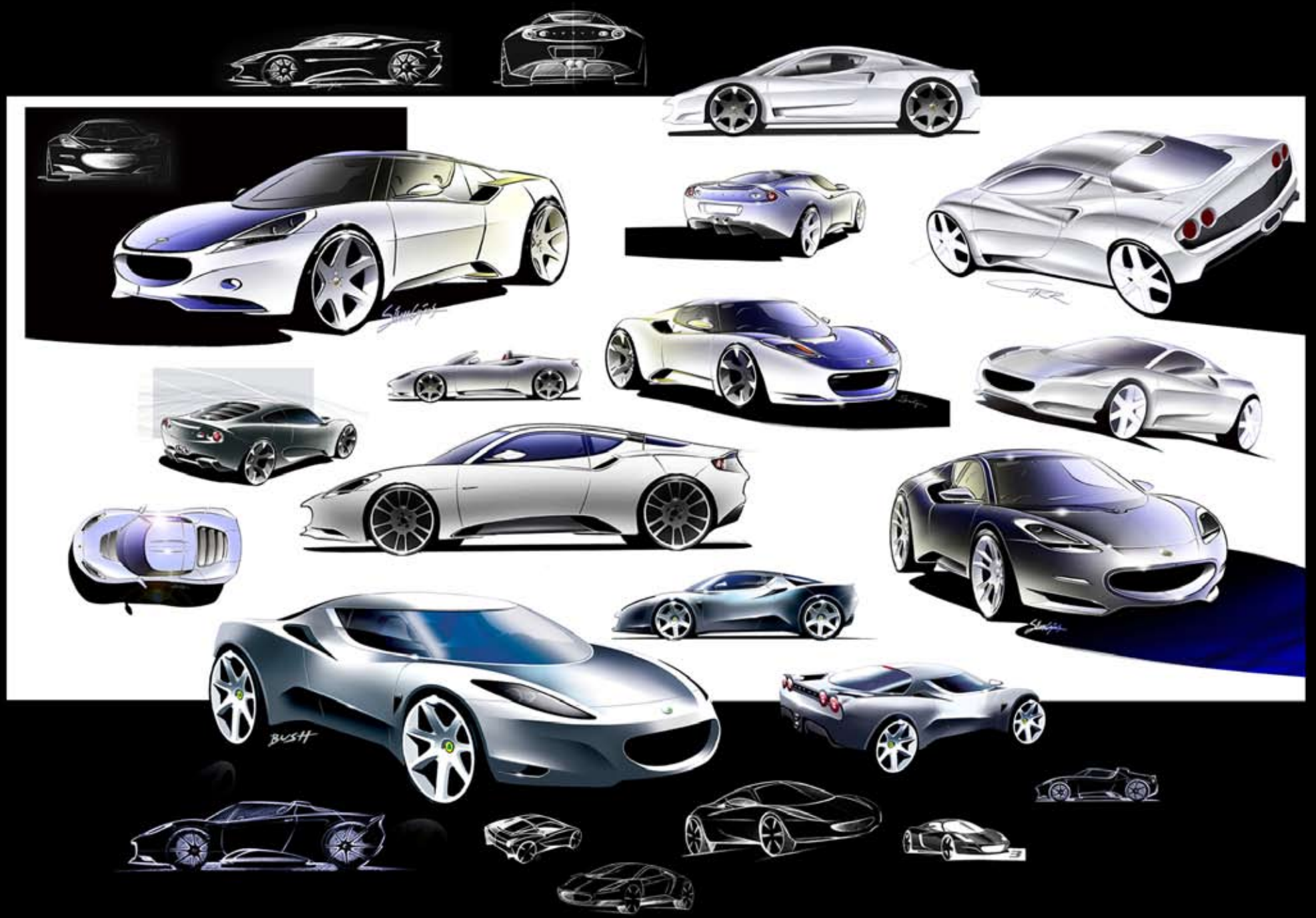
# PACKAGE

Occupants will have significantly improved entry/exit compared to the Elise.
There is improved shoulder room and cabin length to suit 6'4" tall occupants at the front.
The rear seats will offer occasional rear seating for 5th percentile occupants.
Interior cabin space will be much larger than the Elise, and fit conventional, comfortable seats.
It will be larger than the Elise, with greater stowage space and practicality.
The engine is mounted transversely in front of the centre of the rear wheels.
At the front is the top exit radiator.
At the rear behind the engine is the luggage compartment.





**Early sketches** - August 2006

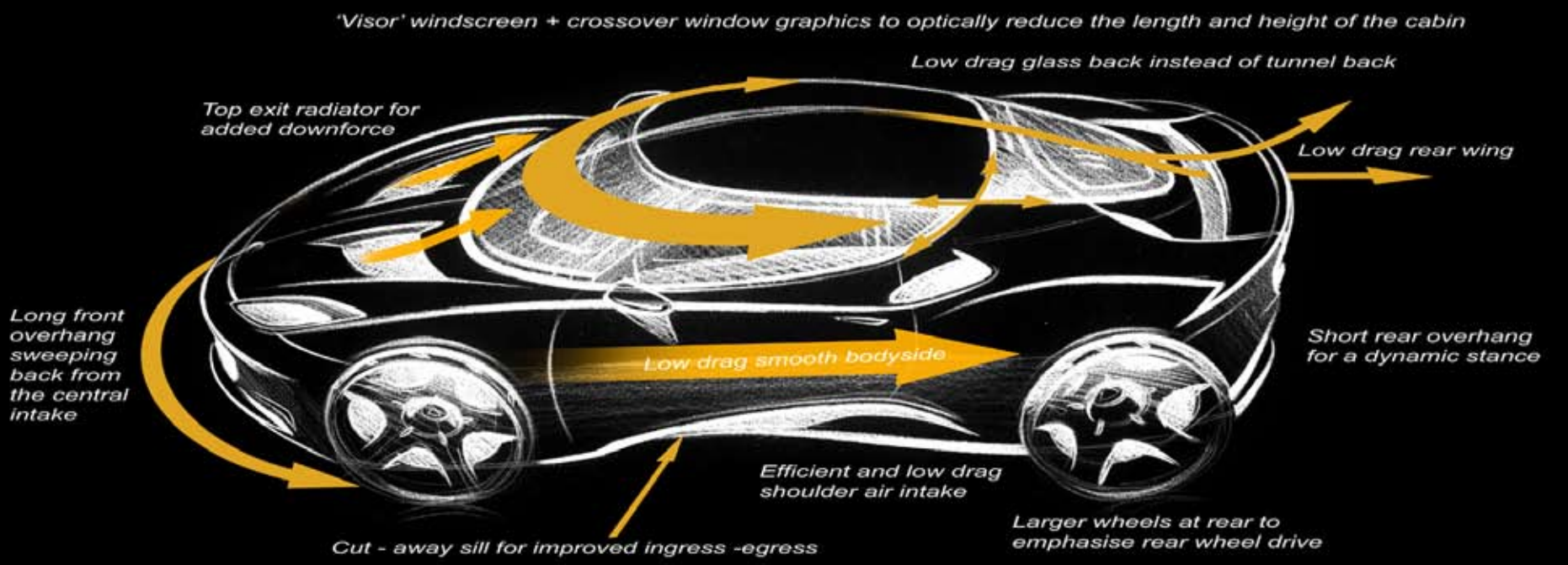


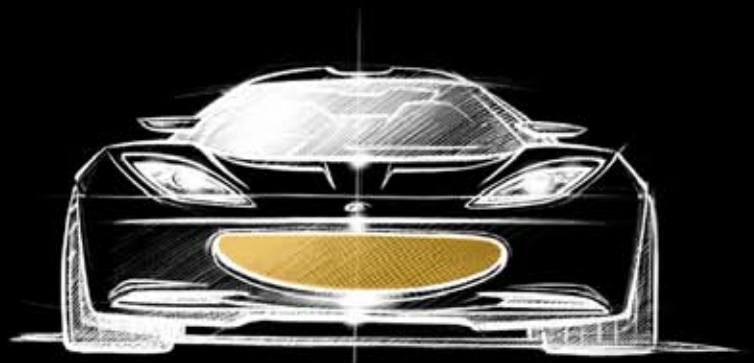
Elegant proportions disguising the 2+2 package

Dynamic volumes with fluid graphics

Muscular yet lightweight form language

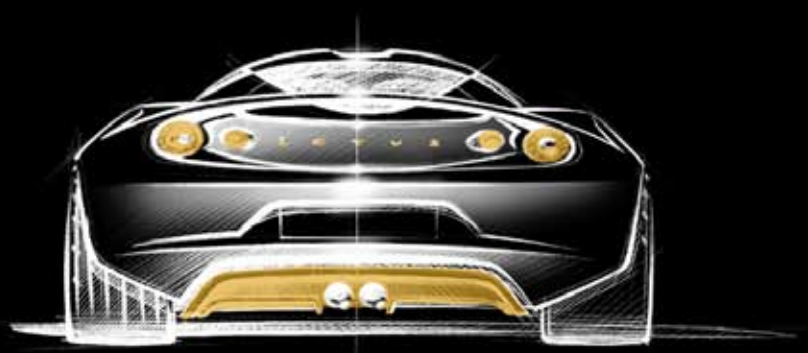
# FORM CONCEPT



Characteristic Lotus centre air intake

Menacing yet likeable 'face'

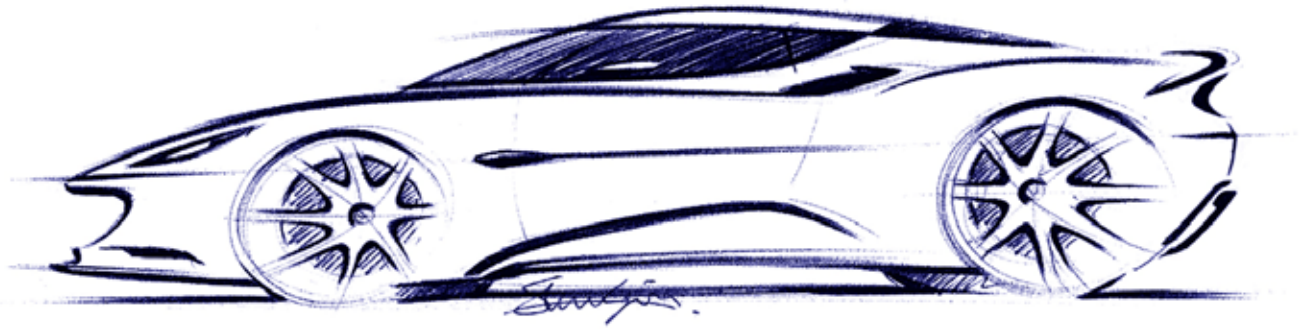


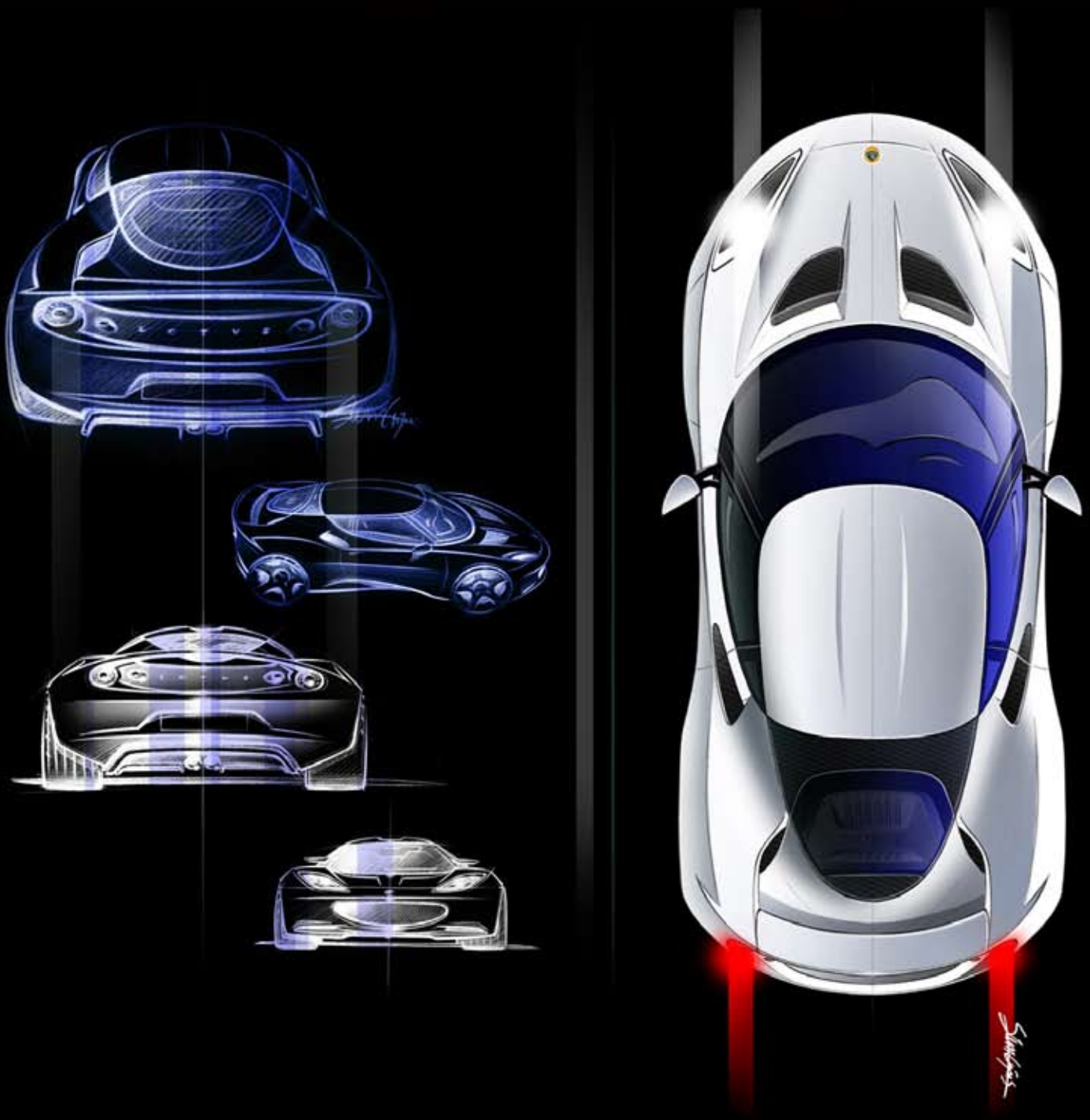
Prominent diffuser

Central exhausts

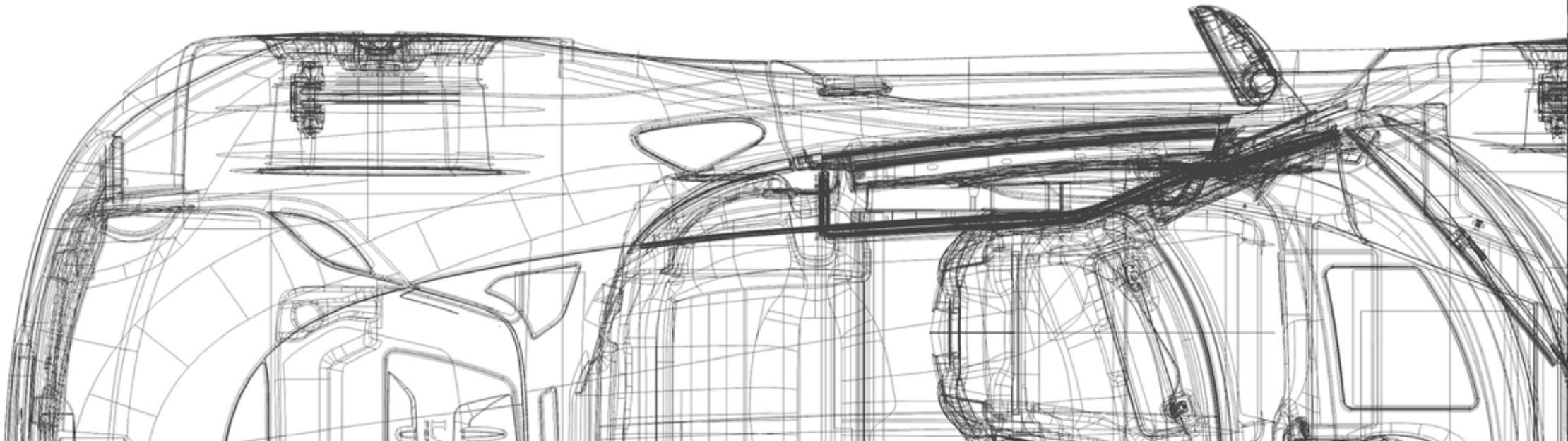
Prominent LOTUS badging

Unique rear light graphic driven by floating rear wing

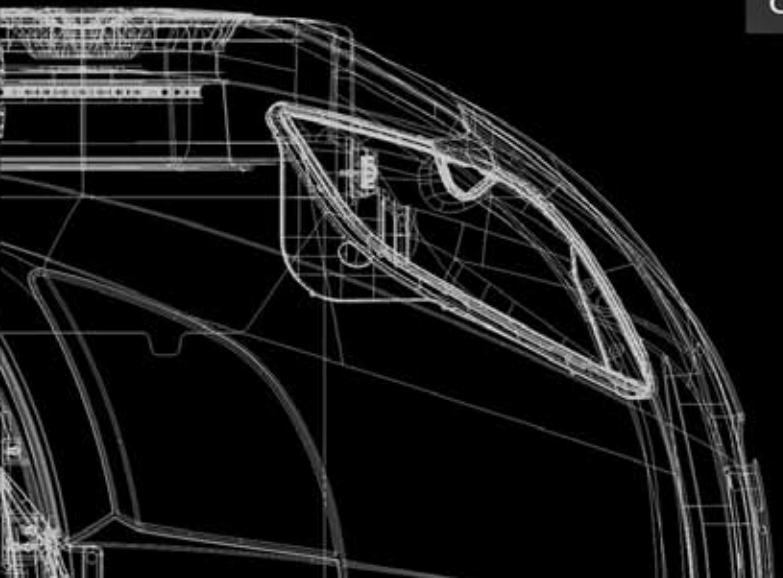





**1/3 Scale models** Autumn 2006

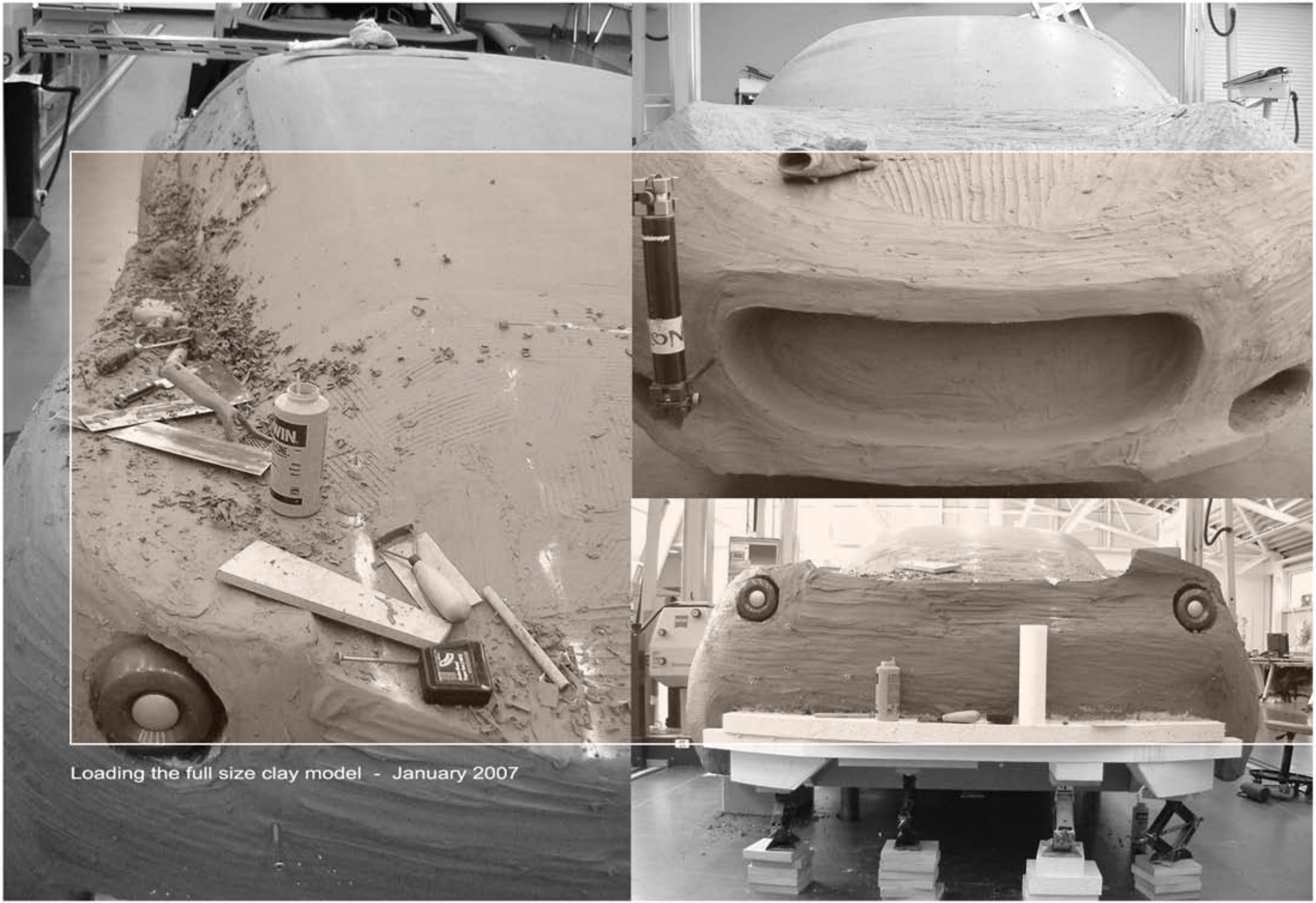


CAD model created from digitised data of the 1/3 rd scale clay model



Final A-class CAD surface created with ICEMsurf software


by LOTUS DESIGN surfacing group



Loading the full size clay model - January 2007


Transferring CAD data to clay model - February 2007

Stretch DINOC film over clay for final presentation - July 2007

**EVORA** design team


AU06 KUF
AU55 JFY


LOTUS
AU55 JFY


LOTUS
DESIGN

Final clay model at design sign off - August 2007

FORGED


STEALTH GREY

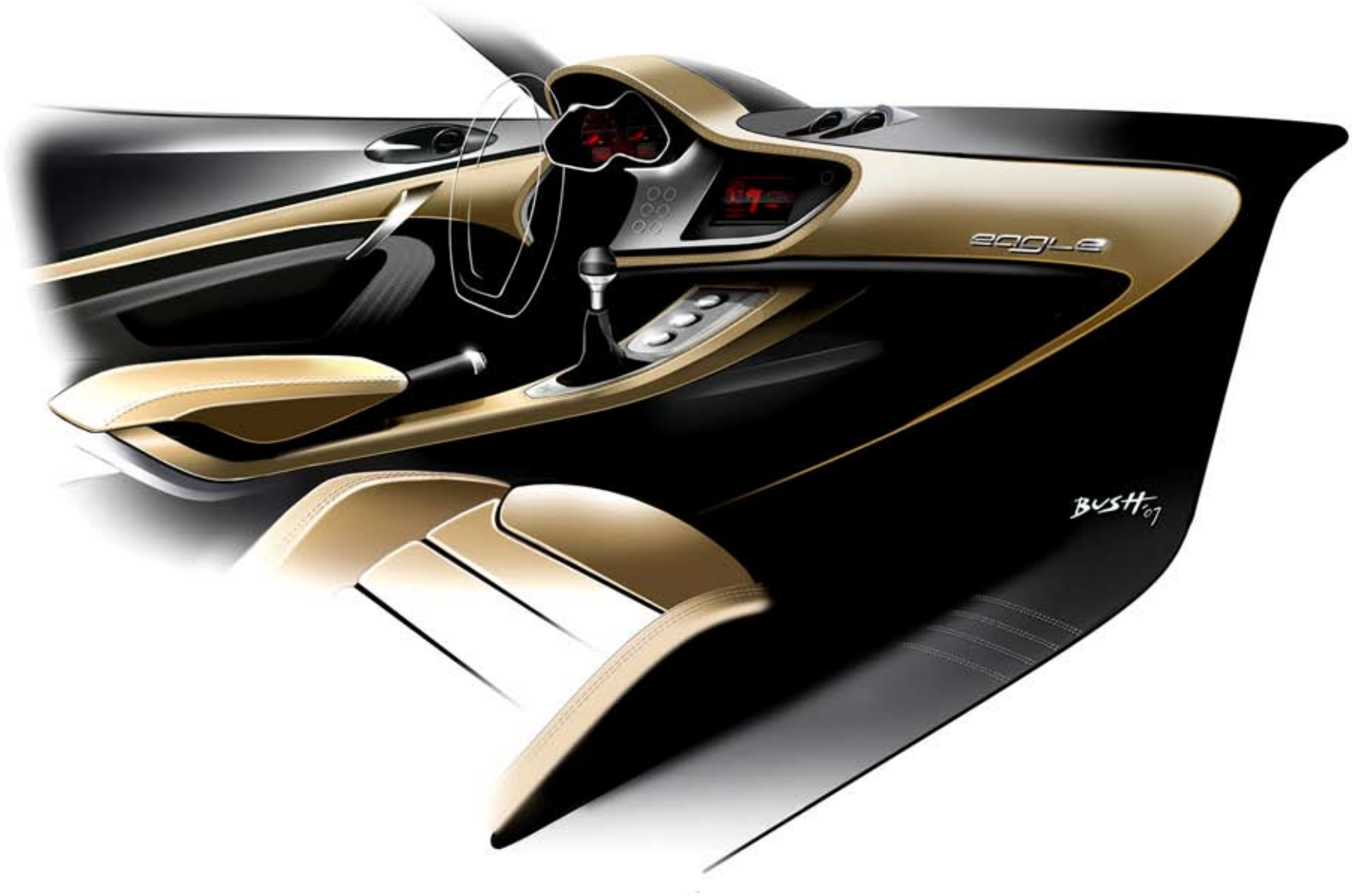

LOTUS
CAST


Solar yellow
Storm titanium
Ice white
Isotope green
Chrome orange
Quartz silver
Aspen white
Racing green
Burnt orange
Arctic silver
Liquid blue
Phantom black
Ardent red
Graphite grey
Aquamarine blue
Starlight black
Canyon red
Carbon grey
Laser blue
Persion blue


EVORA


EVORA

**Early sketches** - January 2007


eagle
BUSH '07


LOTUS
LOTUS


WRAPPING SMALL BAND
FLUTING DETAIL
SADDLE LINE
REAR SEAT 2+2
WRAP'S WHOLE CABIN "COCKPIT FEEL"
WRAP-AROUND SCREEN INSPIRED
DRIVER FOCUS
BUSH '07

ICEMsurf CAD model + animation by LOTUS DESIGN surfacing group - Autumn 2006


14:35
LOTUS
evora


Interior clay model - April 2007 - April 2008

Painted clay model at design sign off - April 2008


PAPRIKA
CHESTNUT

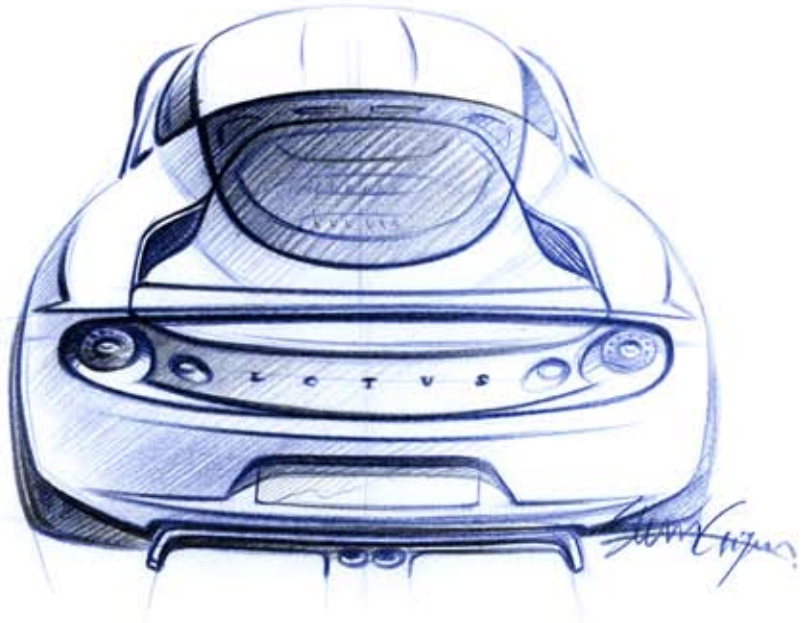

OYSTER
CHARCOAL

LONDON Motor Show - July 22, 2008





The Lotus Evora cars featured in this book are validation prototypes and as such at the time of printing are non-type approved vehicles. Official $CO_2$ emissions and fuel consumption figures for the Lotus Evora are not yet available – they will be published on the Group Lotus website www.grouplotus.com and elsewhere as soon as the Lotus Evora is ready for sale. However, $CO_2$ emissions are not expected to exceed 225 g/km.




LOTUS DESIGN