



TUATARA

STRIKER

AGGRESSOR

2024 EDITION

TUATARA

STRIKER

AGGRESSOR



Authorized Dealer:



UNPRECEDENTED. AMERICAN. PERFORMANCE.

Since 1998, SSC North America has been pushing the limits of high performance vehicles, setting new standards in the hypercar market. The legacy of these unprecedented vehicles is derived from the methodical process in which they are designed and manufactured, inspired by the excerpt "In Veritate Victoria" inscribed in the SSC crest.

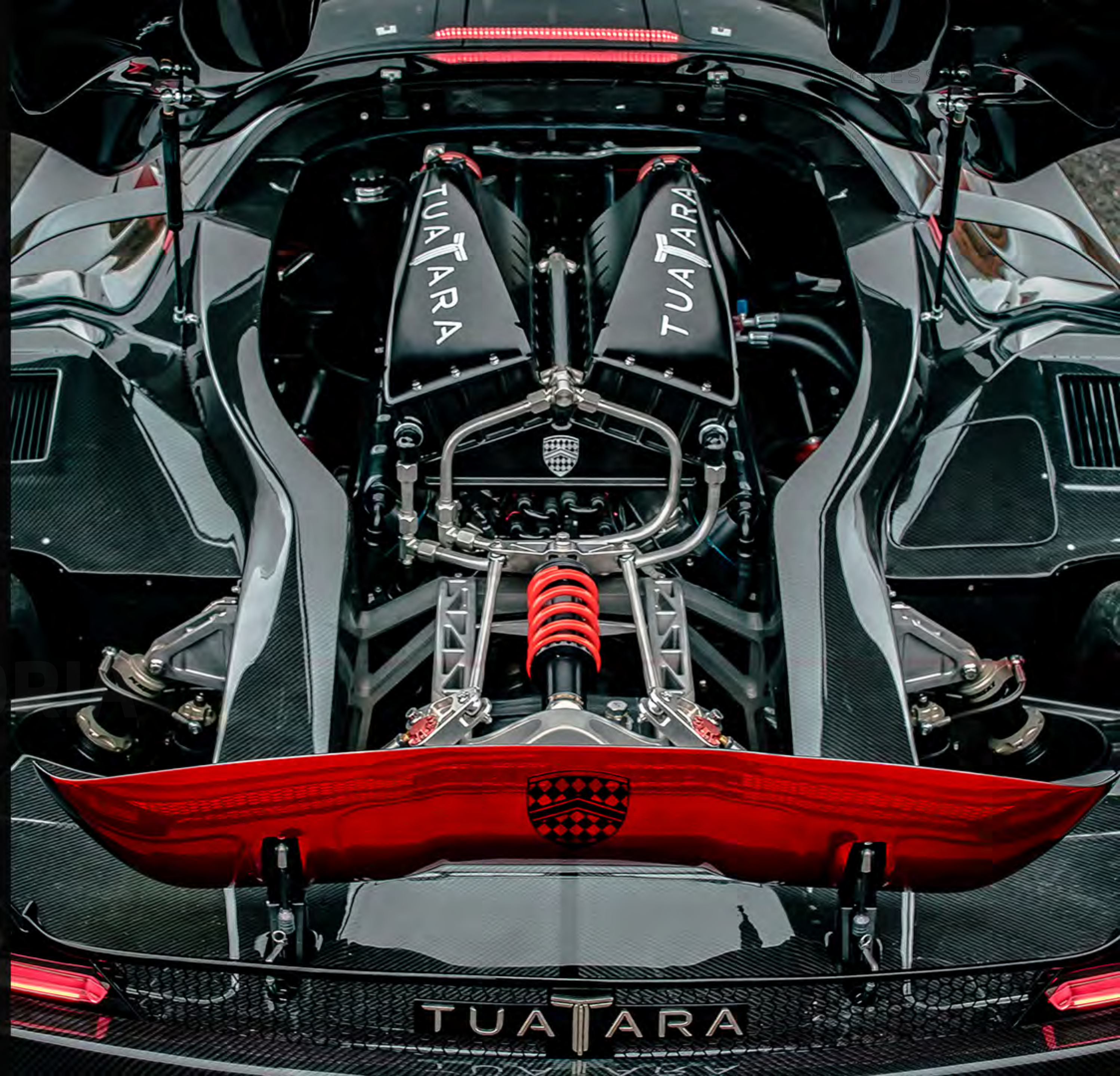
IN TRUTH IS VICTORY



WATCH VIDEO

PAGE 1 // INTRODUCTION

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WORLD RECORD AVERAGE SPEED

On January 17, 2021, the SSC Tuatara achieved the title of fastest production car in the world when it averaged a two-way speed of 282.9 mph at Kennedy Space Center's Shuttle Landing Facility. The stretch of runway used was only 2.3 miles long and was driven by Tuatara customer Larry Caplin.

Although a speed few will achieve, 300+ mph resonates with the team at SSC North America and the automotive community as a milestone in engineering and human resiliency that signifies elevated quality and attention to detail. The Tuatara exemplifies the tenacity of moving the envelope, while embodying tradition and confidence. In its purity, the Tuatara is nothing short of a modern masterpiece.



[WATCH WORLD RECORD VIDEO](#)

PAGE 2 // WORLD RECORD

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LOCATION

KENNEDY SPACE CENTER
FLORIDA, USA

DATE

JANUARY 17, 2021

DISTANCE

2.3 MILES

RUN 1 TOP SPEED

279.7 MPH

RUN 2 TOP SPEED

286.1 MPH

AVERAGE TOP SPEED

282.9 MPH



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TOP SPEED ACHIEVEMENT

On May 14th, 2022, SSC North America reached another milestone in top-speed testing, surpassing the previous world record top speed set by the SSC Tuatara in January 2021.

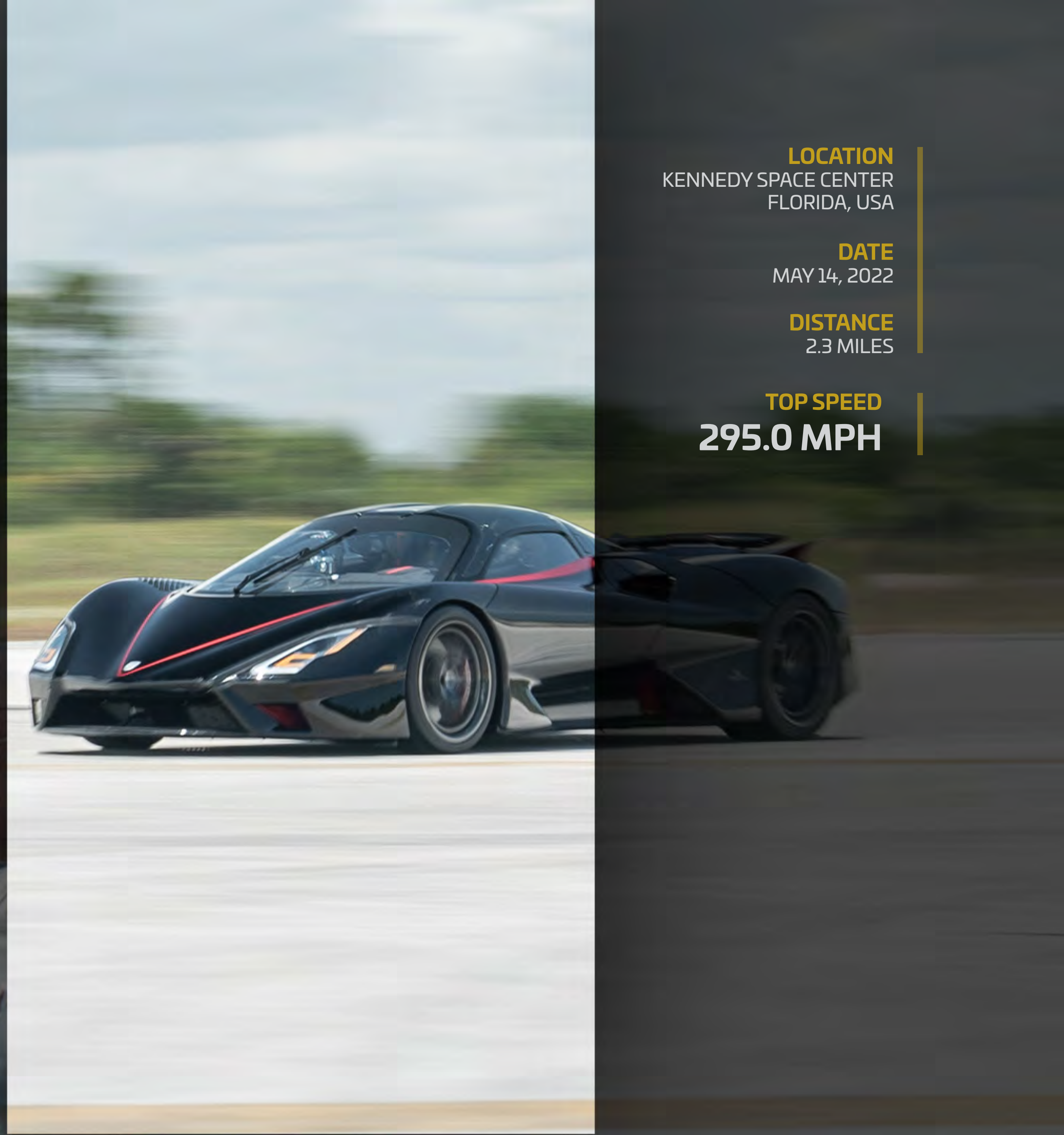
Tuatara customer Larry Caplin piloted his SSC Tuatara with Johnny Bohmer Proving Grounds at Space Florida's LLF, Kennedy Space Center Merritt, Florida on May 14th, 2022, where he previously broke the speed record for world's fastest production vehicle on the 2.3 mile stretch of runway. A top speed of 295.0 mph (474.8 km/h) was recorded by data and performance logging firm Racelogic with dual VBOX GNSS systems onboard the Tuatara



[WATCH TOP SPEED VIDEO](#)

PAGE 3 // TOP SPEED

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LOCATION
KENNEDY SPACE CENTER
FLORIDA, USA

DATE
MAY 14, 2022

DISTANCE
2.3 MILES

TOP SPEED
295.0 MPH

JEROD SHELBY

A Washington native, Jerod Shelby was born and raised in the city of Richland, Washington. Before founding SSC, Jerod was the co-founder of Advanced Imaging Technologies, Inc. where he introduced revolutionary new design concepts that necessitated the authoring of 7 U.S. patents and made the early Optical Sonography™ imaging systems a viable diagnostic tool for the early detection of breast cancer. From testing the Ultimate Aero in NASA's Langley wind tunnel, to witnessing the 2007 world record breaking pass in Eastern Washington, to developing the next generation hypercar, Jerod has many fond memories of the last two decades of SSC North America and looks forward to the many more to come.

LOCATION

RICHLAND, WASHINGTON, USA

ENGAGEMENT

CEO / LEAD VEHICLE DESIGNER



TUATARA

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JASON CASTRIOTA

When Jerod Shelby approached Jason Castriota with the initial design brief for the next generation Ultimate Aero, he knew he wanted a futuristic shape that would visually move the brand to the future and simultaneously regain the title of the world's fastest car. Jerod and Jason's shared vision would generate a design that would not only exceed the project's ambitious targets, but a design that would be at home on the race track as it would be on a concourse lawn. Dramatic in its purity, the Tuatara is nothing short of a modern masterpiece.

LOCATION

NEW YORK, NEW YORK, USA

ENGAGEMENT

BODY DESIGN & AERODYNAMICS LEAD



TOM NELSON

To ensure the powerplant met the standards of quality, performance, and durability that the hypercar market demands, SSC North America partnered with Nelson Racing Engines to co-develop and manufacture the bespoke V8 engine that powers this next generation hypercar. Based in Southern California, Nelson Racing Engines is known around the world for developing some of the most powerful twin turbo engines available on the market. Led by owner Tom Nelson, the team has an acute passion for high performance applications and quality assembly.

LOCATION

CHATSWORTH, CALIFORNIA, USA

ENGAGEMENT

POWERPLANT LEAD



GLOBAL COLLABORATIONS

SSC North America has assembled a team of industry-recognized individuals and firms that have pushed the vision of the Tuatara from concept to production with design, engineering, and development aspects surpassing all expectations. Notable partners include Automac (Italy), Linder Power Systems (Washington), Customs Factory (Nevada), Common Fibers (Washington), SkyShips (United Kingdom), and Podium Advanced Technologies (Italy).



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ROOTED IN PERFORMANCE

On September 13, 2007, on a rural paved road in Eastern Washington State, the SSC Ultimate Aero became the fastest production car in the world, dethroning the Bugatti Veyron's 253.81 mph title. With Guinness World Records present to witness and validate the event, the Ultimate Aero conducted two opposite direction passes and achieved an average top speed of 256.14 mph.



SSC ULTIMATE AERO VIDEO

TUATARA

TUATARA VARIANT

The jet fighter inspired teardrop canopy, which is suspended within the dynamic fuselage body, is complemented by vertical stabilizing fins at the rear, revealing the cars stunning speed capabilities. The streamlined design has been tuned to produce a near perfect front to rear aero balance, incredible thermal efficiency to ensure stability at all speeds up to its terminal ground velocity along with unrivaled high speed acceleration.



HIGH SPEED CAPABILITIES

ACTIVE AERODYNAMICS

TIMELESS DESIGN

[VEHICLE PROFILE](#)



[WATCH TUATARA EXPERIENCE VIDEO](#)

STRIKER

TUATARA STRIKER VARIANT

True to the Tuatara's DNA, the Tuatara Striker is an heir to the fighter jet approach engrained in the design and experience of the next-generation hypercar by SSC North America. In the aerial combat realm, a "Striker" or "Strike Fighter" is a multi-role aircraft. Likewise, the Tuatara Striker has a wide range of capabilities, both on and off the track. Downforce is increased three fold, providing approximately 1,100 lbs across the car at 160 mph.



TRACK CENTERED CAPABILITIES

HIGH DOWNFORCE

SINISTER PRESENCE

VEHICLE PROFILE

AGGRESSOR

TUATARA AGGRESSOR VARIANT

A step beyond is the Tuatara Aggressor. An aerial combat “Aggressor” is rooted in competitive tactics, with a much more singular focus on war game procedures. The Tuatara Aggressor is built exclusively for the track, asserting a formidable force to be reckoned with. This package carries the unique characteristics of the Striker into a truly customizable vehicle. Customers are given the freedom to nearly limitless performance, appearance, and experience options not possible in the street legal versions of the Tuatara.



TRACK-ONLY VEHICLE

HIGH DOWNFORCE

UNLEASHED POTENTIAL

VEHICLE PROFILE

PURPOSE DRIVEN COCKPIT

Your confidence will grow with each ceremony of operation beginning with the on-boarding experience. The Tuatara's Le Mans prototype inspired dihedral opening doors have been designed and engineered to maximize the entrance area allowing enter and exit with ease, while passengers as tall as 6'5" will fit comfortably, even with sporting a race helmet for track days. Once you strap in to the Tuatara it is clear that you have entered the future. Each and every detail of the pure and purposeful interior has been designed to maximize your ability to focus on the task at hand, redefining all paradigms of speed, distraction free.

CONFIGURATION

COUPÉ

DOOR STYLE

HYDRAULIC DIHEDRAL DOORS

SEATS

ENDURO SEATS

RACING SEATS [UPGRADE]



CONNECTED DRIVER

Everything is at your fingertips, from the aluminum analogue controls on the steering wheel, to the proprietary touch screen interface that will ensure you will never lose focus on the road searching for a command, delivering a seamless user experience not found in any other hypercar.

DRIVER DISPLAY

DIGITAL HUMAN-MACHINE-INTERFACE

CENTER DISPLAY

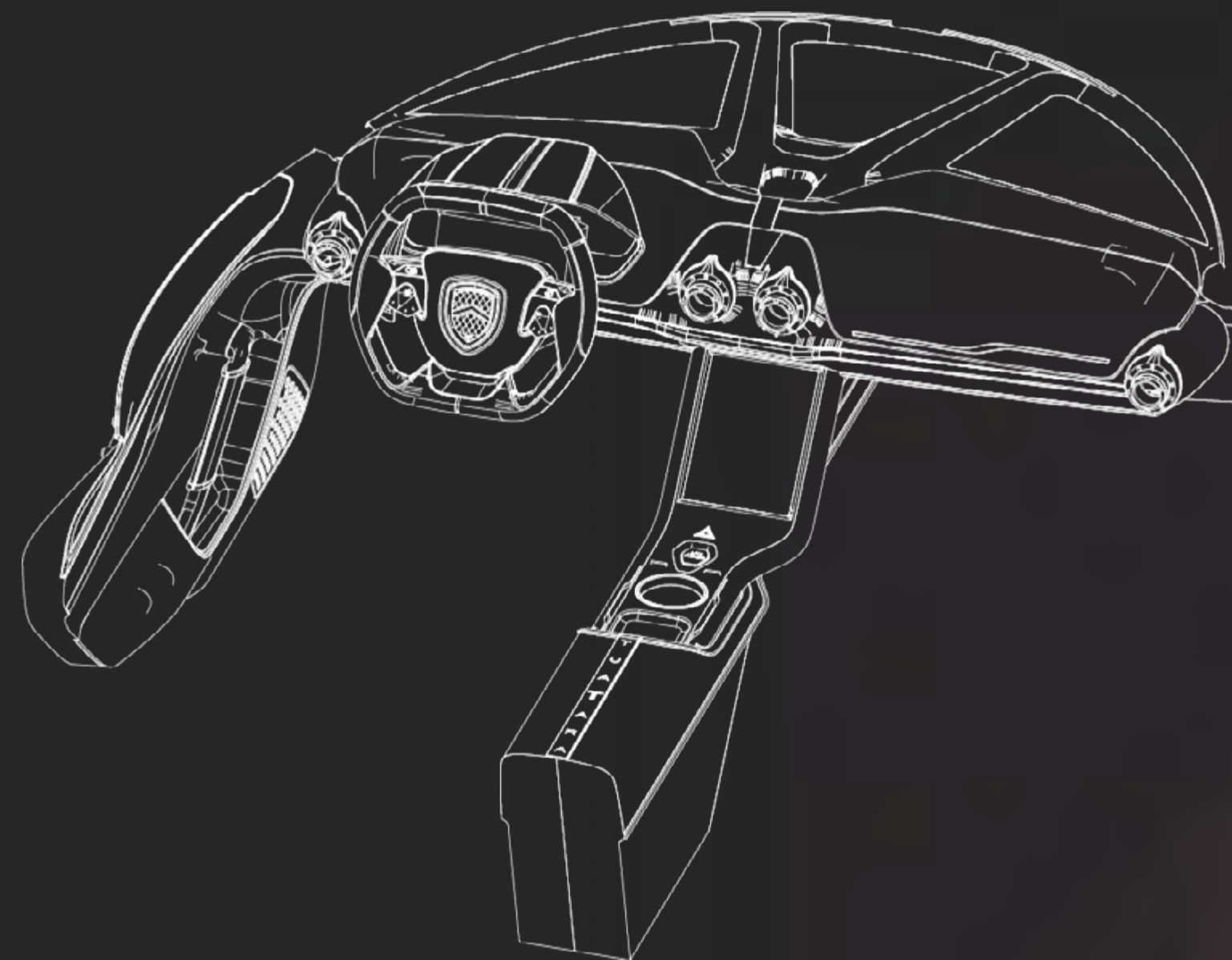
DIGITAL TOUCH SCREEN INTERFACE
VEHICLE CONTROL CENTER
AUTOMATED DIAGNOSTICS

STEERING WHEEL

SEQUENTIAL SHIFT LIGHTS
ERGONOMIC WHEEL CONTROLS

MIRRORS & BLINDSPOT

DIGITAL MIRROR DISPLAYS
FULLTIME REAR CAMERA



UNRIVALED AERODYNAMICS

The active aerodynamics deliver the optimal aerodynamics at all speeds, and most critically maintain an ideal 37:63 front to rear aero balance from 90 mph all the way up to its top speed of over 300 mph, ensuring the same level of stability, responsiveness and handling at all at all times.

COEFFICIENT OF DRAG

0.279

DOWNFORCE

372 LBS



SPORT MODE ACTIVE AERO PROCEDURE

ACTIVE AERO DISABLED

WING PROFILE: RETRACTED

DOWNFORCE: N/A

SPOILER MODE ACTIVE

WING PROFILE: PITCHED

DOWNFORCE: 450 LBS

WING MODE ACTIVE

WING PROFILE: PITCHED & RAISED

DOWNFORCE: 800 LBS

0 MPH

75 MPH

150 MPH

225 MPH

300+ MPH

SSC V8 TWIN TURBO

The heart of the Tuatara is an engineering masterpiece in and of itself. Years of meticulous design and engineering at SSC North America culminated into unadulterated power generated from an engine built from the ground up exclusively for the Tuatara. With a flat-plane crank configuration, the smooth, balanced power produced offers both incredible performance and a unique hypercar experience.

HORSEPOWER

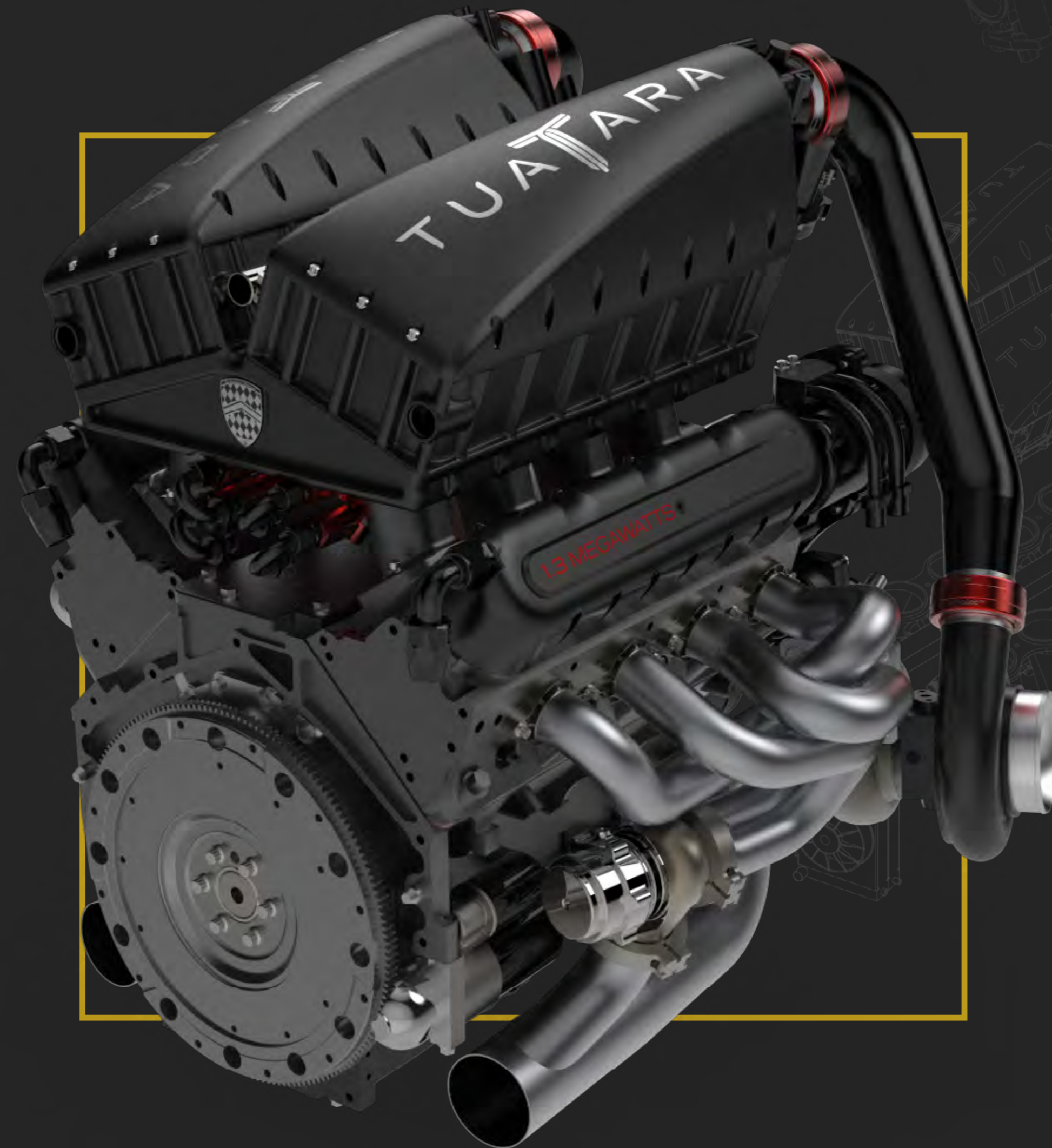
1,350 HORSEPOWER [91 OCTANE]
1,750 HORSEPOWER [E85 & METHANOL]
2,200 HORSEPOWER [AGGRESSOR UPGRADE]

REDLINE

8800 RPM

INDUCTION SYSTEM

DUAL FUEL INJECTION PER CYLINDER



CIMA ROBOTIZED MANUAL

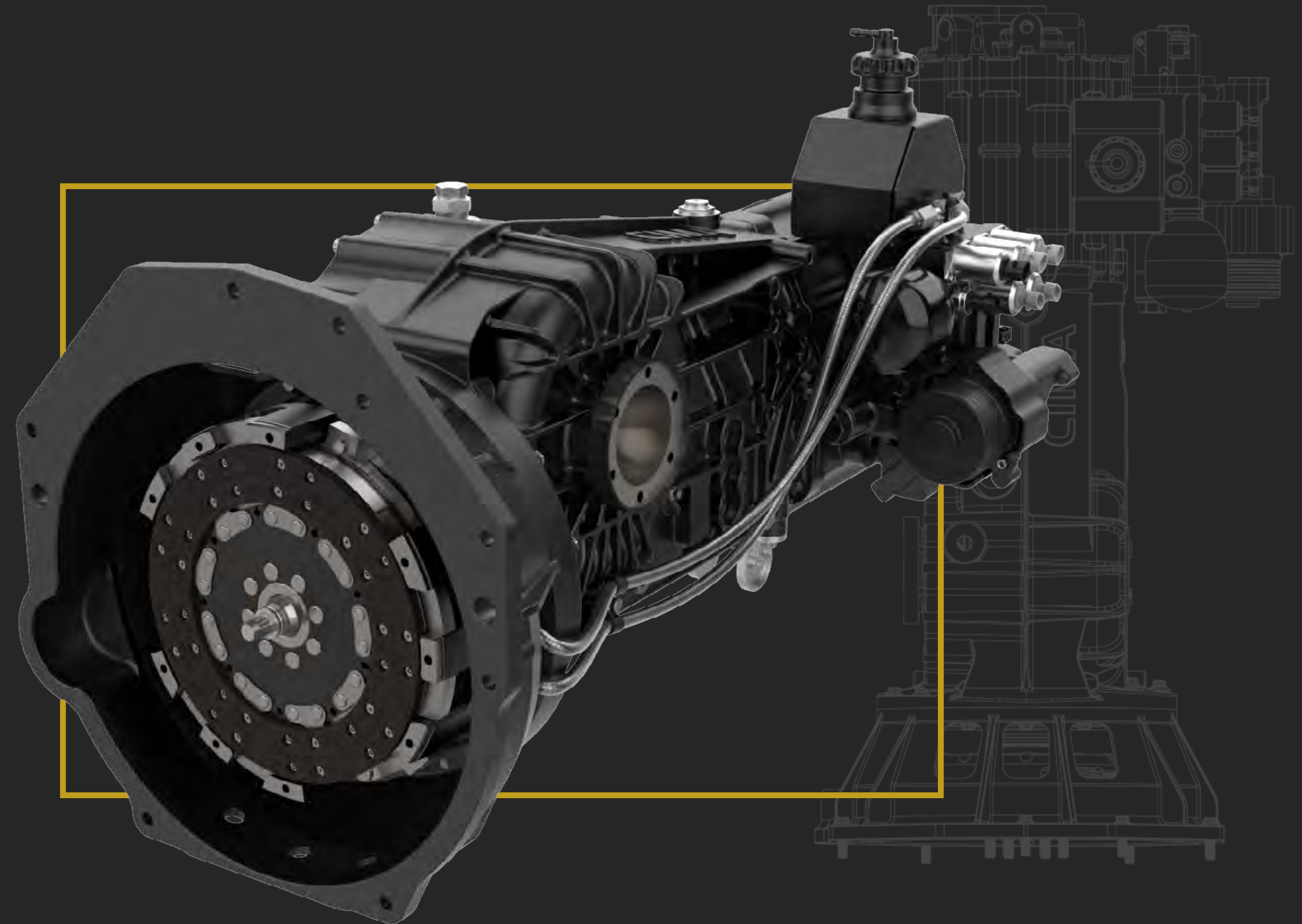
The Tuatara's unprecedented power is transferred to a CIMA 7 speed transmission, integrated with a state-of-the-art Automac AMT system that operates the engagement and selection of movement in the gearbox. The system includes hydraulic driven components and sensors to produce high force engagement, position accuracy, and load control within milliseconds. The clutch and gear selection actuation are electrically operated, providing high precision and strategic operation. The core of the system is powered by a powerful automotive microprocessor, ensuring exceptional safety and performance.

GEARBOX

7 SPEED ROBOTIZED MANUAL

SHIFTING

SUB-100 MILLISECOND



CARBON FIBER CHASSIS

The monocoque brings all of the critical sub-assemblies together into an aggregated form, as well as contours to the shape of the ergonomic cockpit surrounding the driver and passenger. Composed entirely of aerospace grade carbon fiber, the light weight fiber frame provides uncompromising safety. The beautiful carbon fiber composition was not left to be unnoticed, as exposed areas of the monocoque are visible, both subtly and notably across the car.

WEIGHT

236 LBS

DESIGN

MONOCOQUE CELL

COMPOSITION

CARBON FIBER



DYNAMIC SUSPENSION

The Tuatara was designed with a diverse and unique driving experience in mind. Track-level handling offers drivers the ability to aggressively engage in corner focused driving, straight-line runs, or docile street driving. Categorized into three driving modes, the car is transformed at the touch of a finger from the center console.

SPORT HEIGHT

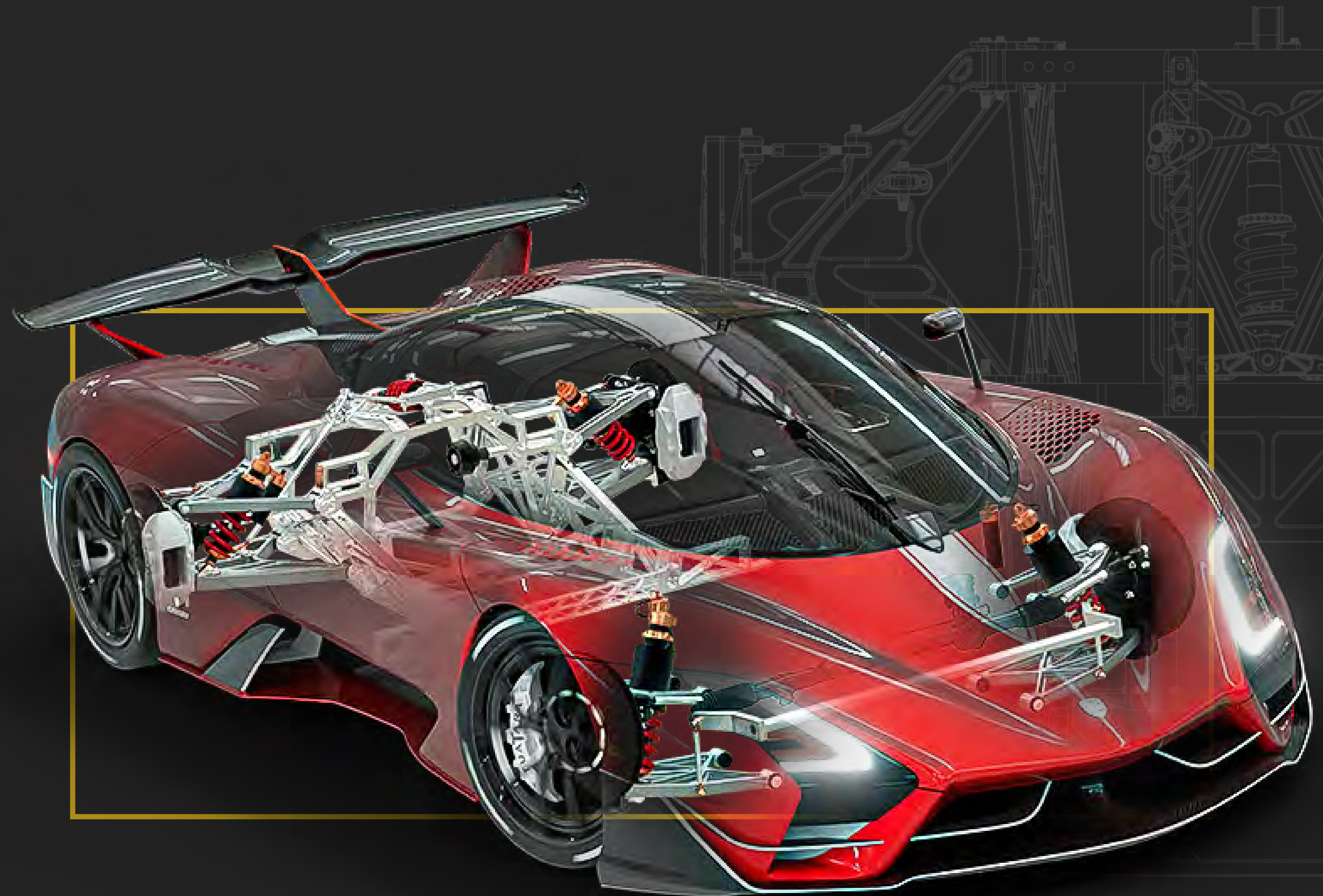
FRONT: 4.0"
REAR: 4.5"

TRACK HEIGHT

FRONT: 2.74"
REAR: 3.25"

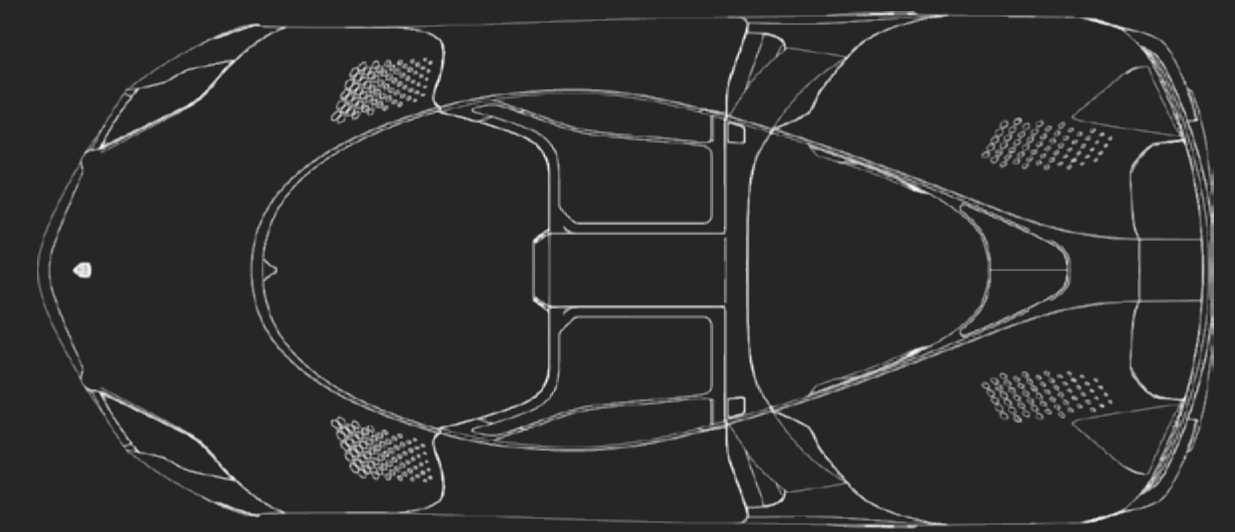
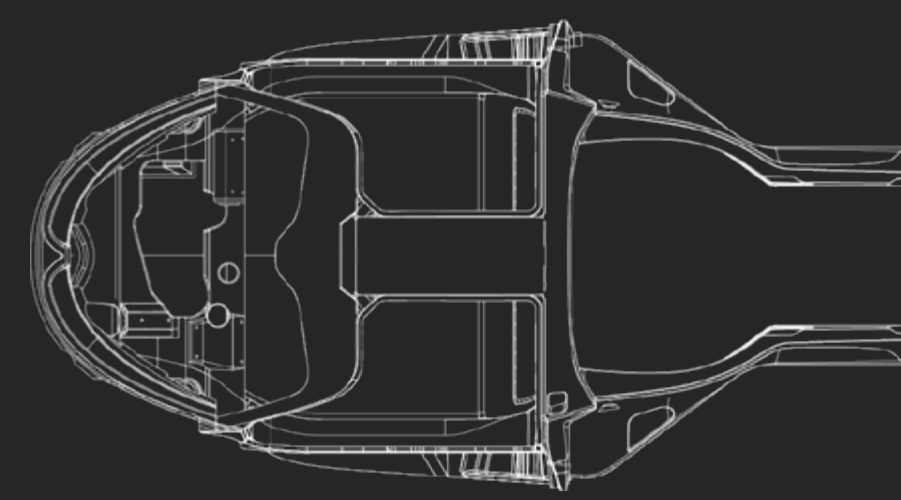
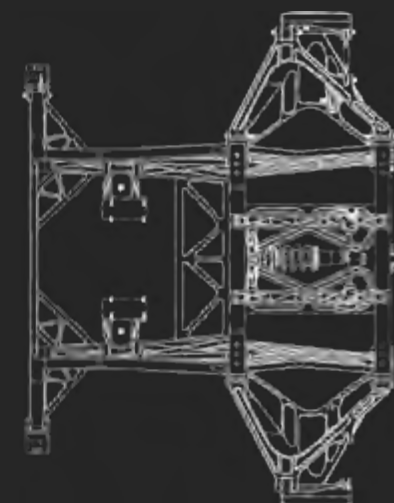
LIFT HEIGHT

FRONT: 4.0" + 40mm
REAR: 4.5"



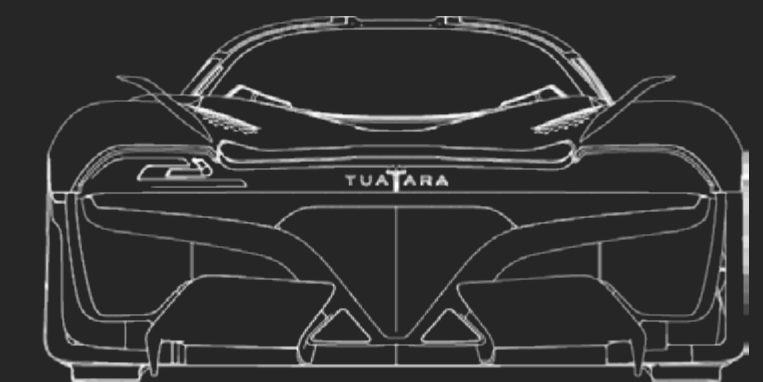
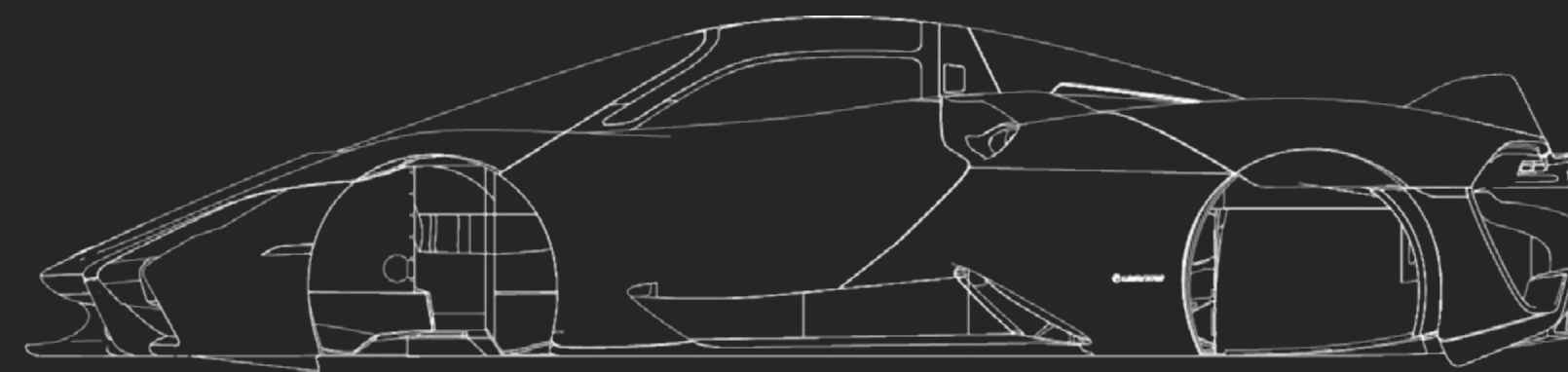
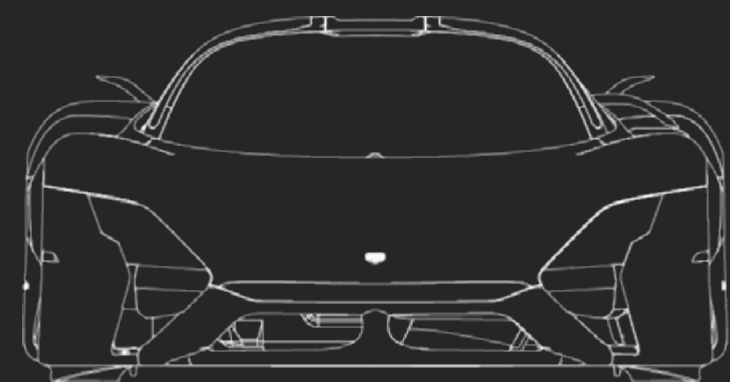
VEHICLE SPECIFICATIONS

Configuration	Coupe	Horsepower ^[E85 & Methanol]	1750 HP
Body	Carbon Fiber	Horsepower ^[91 Octane]	1350 HP
Chassis	Carbon Fiber Monocoque	RPM Redline	8800 RPM
Powertrain	Mid-Engine Twin Turbo SSC V8	Injectors	Dual Fuel Injection per Cylinder
Drivetrain	CIMA 7 Speed Robotized Manual	Turbos	Mirrored Twin Turbos
Dry Weight	2750 lbs	Induction System	Dual Water-to-Air
Wheel Base	105.2"	Shift Speed	Sub-100 Millisecond
Car Length	182.4"		
Car Width	81.3"		
Car Height	42.0"		
Coefficient of Drag	0.279 <small>[Not Applicable to Striker & Aggressor]</small>		
Frontal Area	18 sq ft		
Rear Active Wing	Hydraulically Actuated		



VEHICLE SPECIFICATIONS

Sport Height	4.0" Front / 4.5" Rear	Driver Display	Digital HMI
Track Height	2.74" Front / 3.25" Rear	System Management	Tuatará Info Touch System
Lift Height	4.0" + 40mm Front / 4.5" Rear	Climate Control	Air Conditioning / Heat
Shifter	Steering Wheel Paddle Shift	Windows	Power Door Windows
Suspension	Anti-Roll Rocker System	Rear Camera	Fulltime Rear View
Suspension	Remote Reservoir Shocks	Side Cameras	Blind Spot View
Tires	Michelin Pilot Sport Cup 2	Steering Wheel	Sequential Shift Lights
Front Tire Size	245/35YR20	Steering Wheel	Tilt & Telescope
Rear Tire Size	345/30YR20	Speaker Audio	Premium Speakers
		Radio Tuning	FM Radio
		Entertainment	Bluetooth Connectivity



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AGGRESSOR



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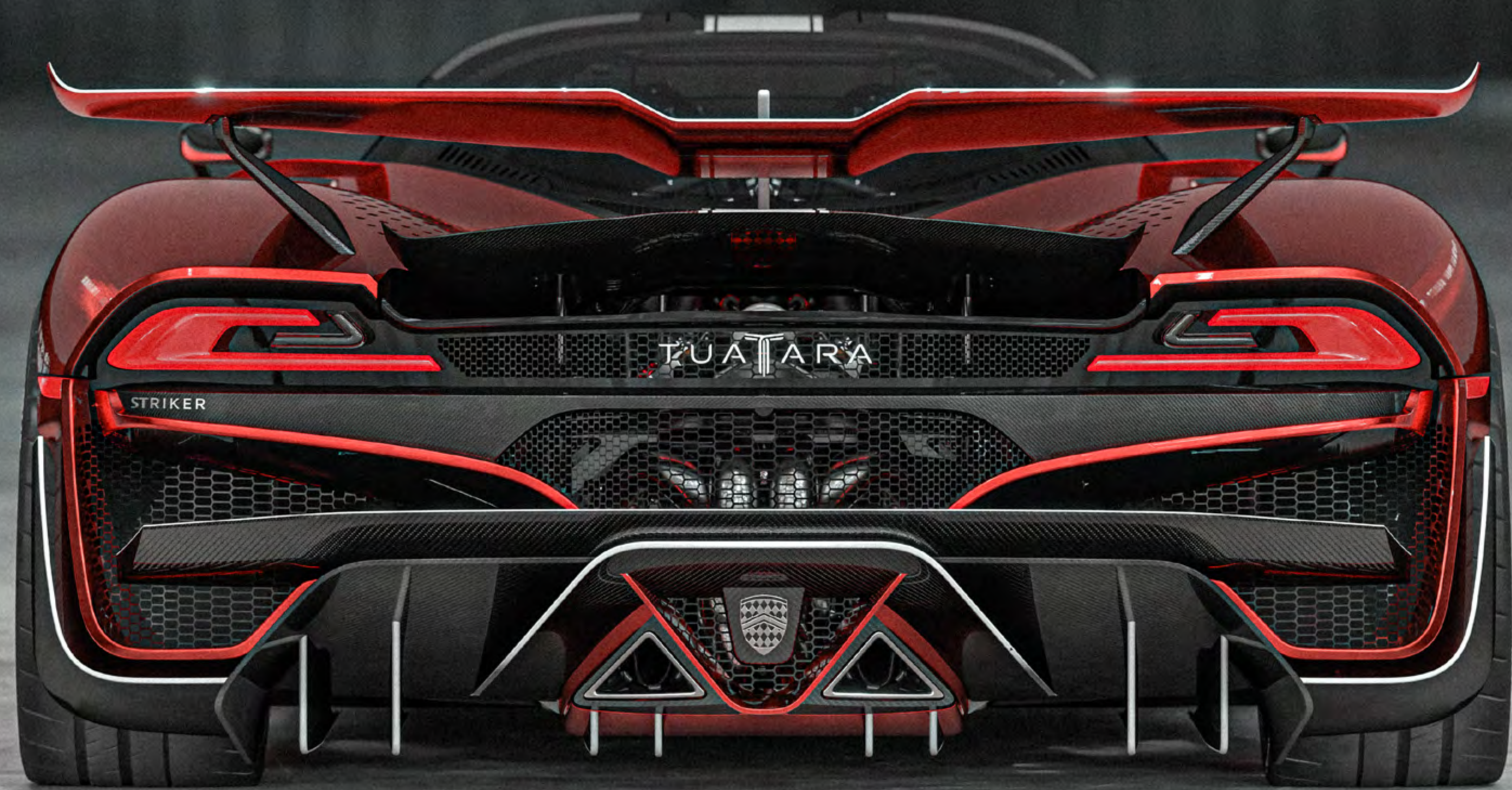


MICHELIN

Pilot Sport Cup 2

TUATARA

STRIKER



QUATTRO

ESSOR



TUATARA STRIKER AGGRESSOR



TUATARA

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AGGRESSOR



TUATARA STRIKER AGGRESSOR



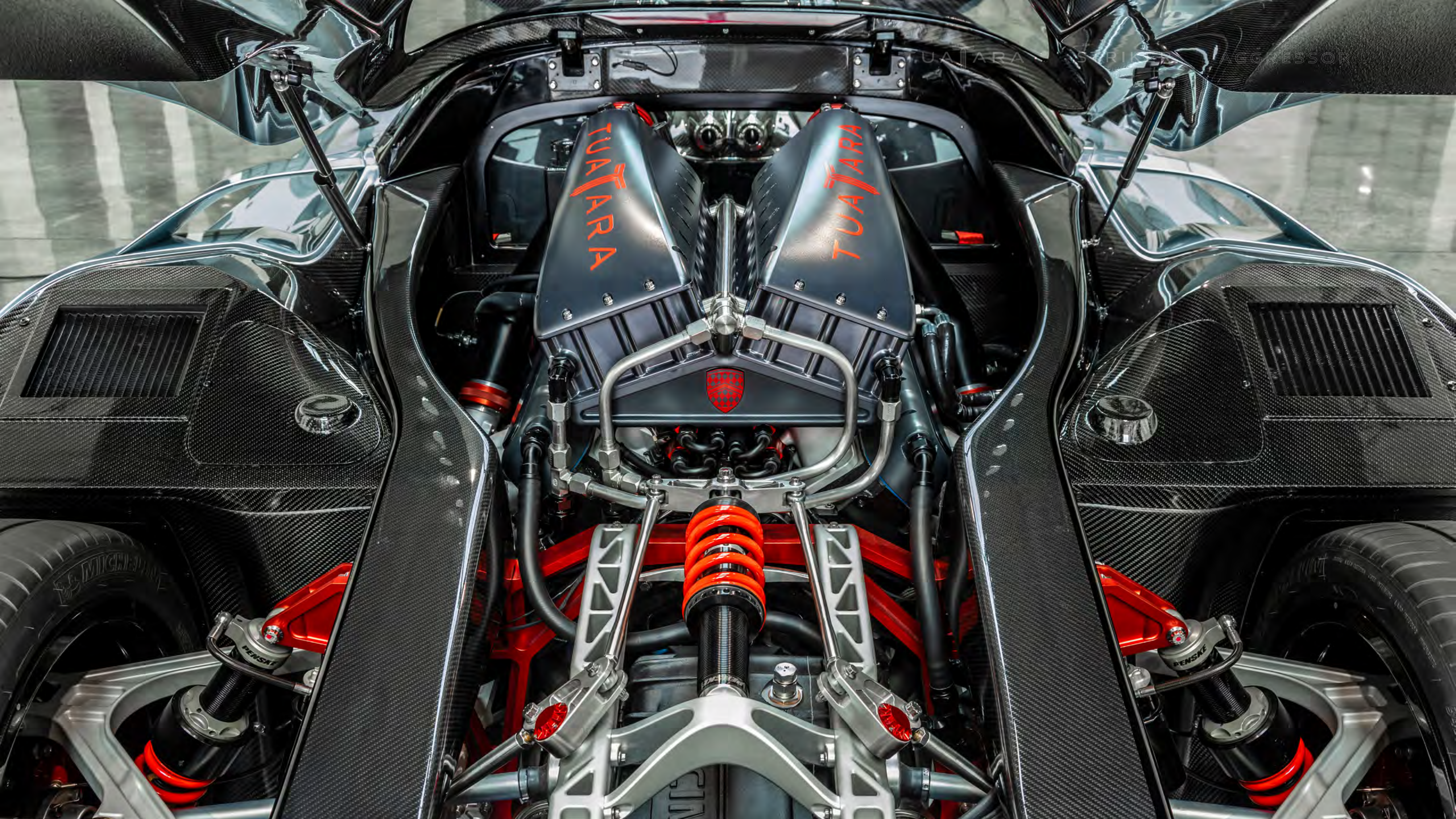


QUATARA STRIKER AGGRESSOR

0.50 AM
0 RPM
RN1

FRONT LIFT
POST
TRACK

QUATARA



TUATARA STRIKER AGGRESSOR

TUATARA

TUATARA



PENSKA

PENSKA

12

TUATARA

STRIKER

AGGRESSOR



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