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MEDIA INFORMATION

25 February 2016

Lightening strikes again: The Lotus Evora Sport 410

- 0-60 mph in 3.9 secs and a top speed of 186 mph
- 70 kg slashed from the weight of the Evora 400
- Comprehensive carbon fibre package as standard
- Increased power, reduced mass, sharper handling
- Total production limited to one-hundred and fifty vehicles per year



In a move that should surprise no one, Lotus has raised the bar once again by lightening the Evora in order to develop the sensational Evora Sport 410.

Following on from the recently announced Elise Cup 250, and the Exige Sport 350, Lotus' famous Lightweight Laboratory has been hard at work cutting the weight of the Evora 400 by a massive 70kg. With a host of high-performance carbon fibre components as standard, and sharing the 410 hp supercharged engine with the track-bred 3-Eleven, the Lotus Evora Sport 410 clocks 0-60 in 3.9 seconds on its way to a top speed of 186mph.



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Jean-Marc Gales, CEO of Group Lotus plc, commented, "We couldn't help ourselves, and many may have guessed what we were planning following our recent announcements. We wanted to make the Evora even better: lighter, faster and sharper, but our team has exceeded our expectations. Lotus has distilled what makes the Evora so special into something that's even more focused. The result is dynamically excellent and nothing short of superb."



This new, top-of-the-range Evora has been thoroughly re-evaluated, with every component assessed, optimised and reengineered as required. This covers every aspect of the car, including a drastically simplified carbon fibre tailgate (combining five separate elements into one), new lighter-weight door trim panels and the liberal addition of carbon fibre across the entire car.

The Sport 410 builds on the excellent work undertaken in the development of the Evora 400, itself a massive enhancement over the first generation of Evora. However, far from a stripped-out special, the Evora Sport 410 retains excellent road manners, being refined and composed during everyday driving.

The significant drop in mass, and a power boost, means the Evora Sport 410 is capable of lapping the company's Hethel test track in 1 minute 28 seconds* - an impressive 3 seconds faster than the Evora 400. Reflecting what Lotus does best, it demonstrates the company's principle of 'adding lightness'.



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The Lotus Evora Sport 410 is the result of Lotus' philosophy of continuous improvement. With a lower centre of gravity, and a kerb weight slashed to just 1,325 kg, the car provides an impressive 309 hp/tonne.

In addition to boosting straight-line speed, the significant reduction in mass has allowed sharper, more agile and intuitive handling - with even greater accuracy and feel. Jean-Marc Gales added, "The Evora chassis was already the best in the business – the Evora Sport 410 takes it to a whole new level".

Complementing this is a higher-output version of the supercharged, 3.5-litre 6-cylinder engine, developed through the Lotus 3-Eleven project which has beaten Nürburgring records. As a result, the car boasts 410 hp at 7000 rpm and 410 Nm of torque at 3500 rpm.

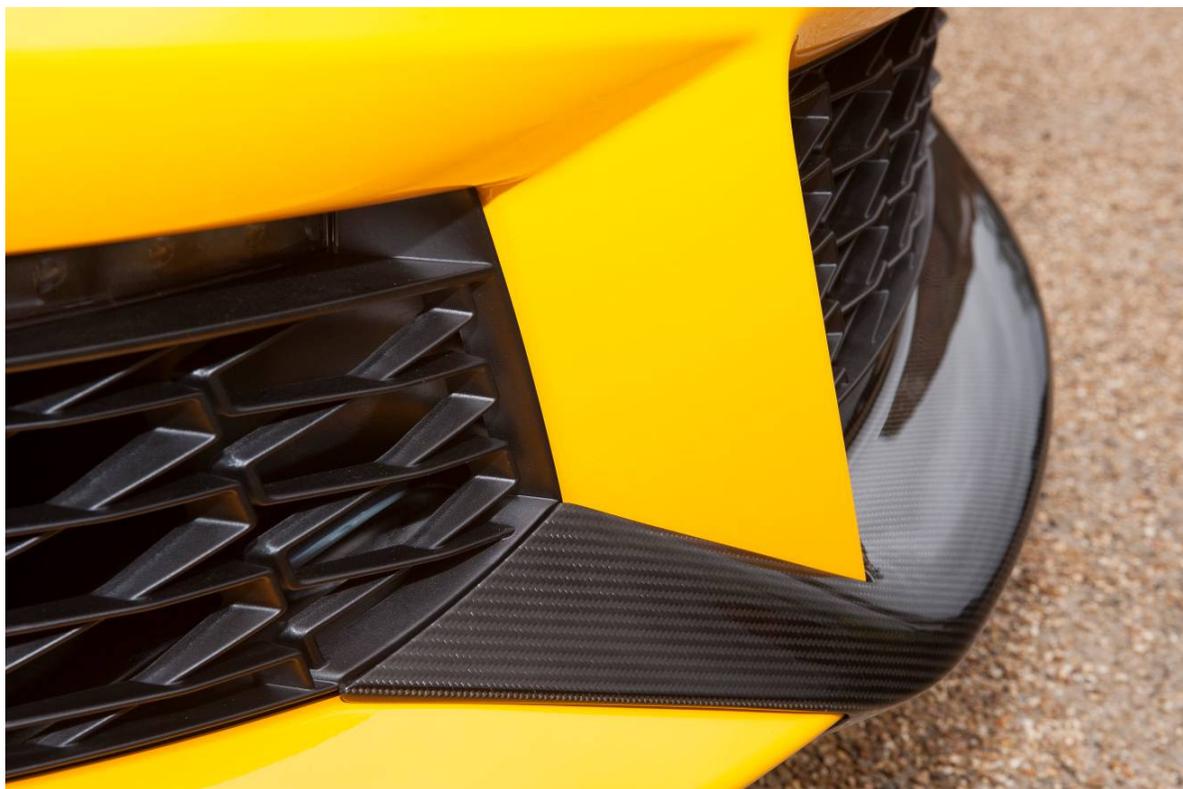


The high-performance, carbon fibre components have played the single biggest role in the evolution of the Evora Sport 410. These include front splitter, roof panel, tailgate, and rear diffuser as well as race-derived sports seats and a revised front access panel. The one-piece carbon tailgate incorporates a louvered section, inspired by some of Lotus' most-famous heritage models, and together with carbon rear quarter-light panels help provide the car with a sleeker, fastback-style trailing roofline. These changes have also improved the car's aerodynamic downforce by 15% with no increase in drag.



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The car's reduced kerb weight has allowed the recalibration of the suspension, with improved geometry and completely revised damping, as well as a ride height 5mm lower than the Evora



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400. As a result, handling is sharper, along with better body and roll control, yet ride comfort and composure is retained. Ultra light-weight, 10-spoke forged aluminium wheels, and optional Michelin Cup 2 tyres, complete the car's dynamic revisions.



Appealing to purists, the Evora Sport 410's manual gearbox features a low inertia flywheel, to help ensure swift changes, while a Torsen-type limited slip differential (LSD) gives better traction, and faster exit speeds when cornering. Available as an option, the automatic transmission offers gear selection via lightweight aluminium paddles mounted to the steering wheel.

The new Evora Sport 410 also features Lotus' Dynamic Performance Management (DPM) which, selected via a dashboard switch, provides 'Sport' and 'Race' settings. Proportionally increasing throttle response, lowering traction slip thresholds and removing understeer recognition, it allows enhanced control before the system intervenes.

As standard, the Evora Sport 410 comes with carbon fibre sports seats trimmed with Alcantara®, along with the steering wheel and centre console. An integrated touch-screen entertainment system can also be specified, including iPod® connectivity and Bluetooth® functionality.



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The rest of the Sport 410's cabin has received attention as part of its development. Weight saving measures includes attractive one-piece door trim panels finished in Alcantara®, with contrast stitching, the deletion of door arm rests and stowage pockets, the relocation of tailgate and fuel filler release buttons and the removal of speakers - if an entertainment system is not specified.

As well as the standard paint selection, the new Evora can also be personalised through the recently launched Lotus Exclusive programme. Combining traditional British craftsmanship with modern design, the service inspires customers to spend time tailoring the character of their Lotus with a comprehensive array of options.

The Lotus Evora Sport 410 will be limited to a global production run of one-hundred and fifty vehicles per year and will be available in all major markets from June 2016.

A specific North American version of the Evora Sport 410 will be announced later in 2016.

Those wishing to register their interest in the new Lotus Evora Sport 410 should visit:

www.lotuscars.com/lotus-evora-range

*Lap with optional Michelin Pilot Sport Cup 2 tyres



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Manufacturer's Suggested Retail Price

UK (Pound Sterling)	£79,900
Germany (Euros)	€106,900
France (Euros)	€107,800
Italy (Euros)	€111,960
Japan (¥ Yen)	¥14.8m

Technical Specification:

PERFORMANCE	MANUAL	AUTOMATIC
Max power	410 hp at 7000 rpm (416 PS) (306 kW)	
Max torque	302 lbft at 3500 rpm (410 Nm)	
0-60 mph	4.0 seconds	3.9 seconds
0-100 km/h	4.2 seconds	4.1 seconds
Max speed	186 mph (300 km/h)	174 mph (280 km/h)
Fuel Consumption mpg (l/100 km)		
Urban	20.8 [13.6]	20.0 [14.1]
Extra Urban	38.7 [7.3]	39.8 [7.1]
Combined	29.1 [9.7]	29.1 [9.7]
CO2 emissions	225 g/km	225 g/km
Unladen weight	1325 kg	1337 kg
Aerodynamic downforce at 150mph	37 kg	37 kg

ENGINE, TRANSMISSION AND CHASSIS
High power, 410hp. 3.5 litre V6, 24 valve, water cooled, all-aluminium engine, with Edelbrock supercharger
Sports ratio 6-speed manual transmission
Lightweight low inertia fly wheel
Torsen Type Limited Slip Differential (manual only)
Servo assisted 2-piece cross-drilled and ventilated brake discs with AP Racing four piston calipers (front 370mm x 32mm, rear 350mm x 32mm)
Lightweight aluminium extruded and bonded chassis
Front and rear: Fully independent suspension, forged aluminium double wishbone suspension, anti-roll bar, Eibach springs and Bilstein dampers
Rack and pinion steering box with 2.86 turns lock-to-lock
Lotus tuned hydraulically assisted steering
Driver selectable ESP modes - Drive/Sport/Race
ESP/traction control
Tyre pressure monitoring system
Active exhaust valve control



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EXTERIOR SPECIFICATION
Carbon fibre rear diffuser and front splitter
Carbon fibre tailgate with integrated rear spoiler and louvered backlight
Carbon fibre roof panel
Carbon fibre front access panel
Brake calipers – yellow painted with black AP Racing logo
Lightweight satin black forged wheels (19" front and 20" rear 10 spoke alloy wheels)
Michelin Pilot Sport tyres (front 235/35 R19, rear 285/30 R20)
Bi-xenon headlights
LED daytime running lights
Powerfold and heated door mirrors
Oval exhaust finisher
Rear parking sensors
Thatcham approved immobiliser and remote activated alarm system

INTERIOR SPECIFICATION
2+0 seat configuration
Engine start button
Alcantara® trimmed carbon fibre sports seats with contrast stitching
Steering wheel trimmed in leather and black Alcantara®, with black stitching with red leather position stripe
Lightweight door panels trimmed in Alcantara®
Door grab handle, gear lever gaiter and hand brake sleeve in black leather with black stitching
Gunmetal finished door release levers, door grab handles and instrument panel surround finisher
Aluminium face level vents and blanking plate surround
Aluminium blanking plate etched with Evora Sport 410 logo
Lightweight aluminium gear knob (manual only)
Door sill insert etched with Evora logo
Lightweight driver's footrest
Steering wheel finisher and HVAC panel in gunmetal finish with metallic finished bezels
Lightweight aluminium pedal pads
Black IP fascia and binnacle top with black twin stitching
Dark grey headlining
Black carpet
Windscreen visor

OPTIONAL EXTRAS
Michelin Pilot Sport Cup 2 tyres (front 235/35 R19, rear 285/30 R20)
Alcantara® trimmed, adjustable Sparco® seat from Evora 400
Lightweight silver, forged alloy wheels (19" front and 20" rear 10 spoke)
4 speaker double DIN ICE unit with full satellite navigation and reversing camera
Sound insulation pack
Air conditioning
Mud flaps
Cruise control
Sun visors

OPTIONAL PACKS



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Leather trim pack

PAINT OPTIONS

Metallic paint
Signature paint

ENDS

Notes to Editors

The Lotus media site – <http://media.lotuscars.com> contains news, images, specs, statistics and videos from the latest models to heritage and engineering technology. Please register your details.

For the latest news and information via Lotus' Social Media please access and follow:

<https://www.facebook.com/LotusCars>

<https://twitter.com/grouplotusplc>

<https://www.instagram.com/grouplotusplc/>

<https://www.youtube.com/grouplotus>

About Lotus

Group Lotus plc, wholly-owned subsidiary of DRB-HICOM, is based in Norfolk, UK, and has three operating divisions: Lotus Cars, Lotus Engineering and Lotus Motorsport.

Lotus Cars builds world class, high performance sports cars including the new Evora 400, the iconic Elise and the stunning Exige.

Lotus Engineering provides comprehensive and versatile consultancy services to many of the world's OEMs and Tier 1 suppliers and is an internationally recognised automotive engineering consultancy.

Lotus Motorsport builds and develops Lotus Evora, Lotus Exige and Lotus Elise vehicles for sports car and GT racing. This includes the Evora GTC and GT4 and the Exige 360 Cup and Elise Cup R cars.

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