

TECHNICAL SPECIFICATION

LOTUS EVORA RANGE



PERFORMANCE	EVORA MANUAL / IPS	EVORA S MANUAL / IPS
Max power	276 hp at 6400 rpm (280 PS) (206 kW)	345 hp at 7000 rpm (350 PS) (258 kW)
Max torque	258 lbft at 4600 rpm (350 Nm)	295 lbft at 4500 rpm (400 Nm)
0-60 mph (seconds)	4.8 / 5.0	4.4 / 4.5
0-100 km/h (seconds)	5.0 / 5.2	4.6 / 4.7
0-160 km/h (seconds)	11.3 / 12.1	10.5 / 10.4
Max speed (mph (km/h))	163 (262) / 159 (256)	178 (286) / 167 (269)
Power to weight ratio		
Hp per tonne	200 / 192	240 / 239
PS per 1000 kg	203 / 195	244 / 243
Fuel Consumption (mpg (l/100km))		
Urban	21.5 (13.2) / 21.2 (13.3)	19.9 (14.2) / 19.6 (14.4)
Extra Urban	39.6 (7.1) / 42.8 (6.6)	37.7 (7.5) / 40.8 (6.9)
Combined	30.3 (9.3) / 31.4 (9.0)	28.7 (9.9) / 29.3 (9.7)
CO ₂ emissions (g/km)	217 / 210	229 / 224

DIMENSIONS / AERODYNAMICS	EVORA MANUAL / IPS	EVORA S MANUAL / IPS
Wheelbase	2575 mm	2575 mm
Track – front	1564 mm	1564 mm
Track – rear	1575.5 mm	1575.5 mm
Overall length	4350 mm	4361 mm
Overall width (mirrors included)	2047 mm	2047 mm
Overall height – (unladen)	1229 mm	1229 mm
Overhang – front	1000 mm	1000 mm
Overhang – rear	776 mm	784 mm
Turning circle	10.14 m	10.14 m
Ground clearance front– unladen	180.6 mm	180.6 mm
Ground clearance between axels – unladen	140 mm	140 mm
Vehicle mass (DIN)	1382 kg / 1436 kg	1437 kg / 1442 kg
Luggage Capacity	50 kg	50 kg
Weight distribution	Front: 39% Rear: 61%	Front: 39% Rear: 61%
Drag Coefficient	0.33 (CdA: 0.627)	0.33 (CdA: 0.627)
Aerodynamic balance at 160 km/h (100 mph)	3 kg front; 5 kg rear	3 kg front; 5 kg rear
Fuel tank capacity	60 litres / 13.1 gallons usable volume	60 litres / 13.1 gallons usable volume
Boot capacity	160 litres	160 litres

ENGINE

Evora: Mid-mounted, transverse, 3456 cm³, 2GR-FE engine, aluminium lightweight and compact construction, V6 24 valve, water cooled, naturally aspirated with double overhead camshafts per cylinder bank, 4 valves per cylinder, Dual-Variable Valve Timing – intelligent, direct ignition system, electronic throttle control system-intelligent

Evora S: Equipped with Harrop HTV 1320 supercharger utilising Eaton TVS™ Technology. Exhaust Protection Valve (opens at 4700 rpm) designed to reduce the back pressure at high rpm, allowing the engine to safely generate full power.

Compression ratio 10.8:1

Bore x Stroke 94 x 83 mm

Lotus T6e engine control unit

Three-way catalytic converter. Euro V emissions compliant with full On-Board Diagnostics (OBD).

MAX. ENGINE SPEED

6600 rpm continuous and 6800 rpm transient

With Sports button activated
6800 rpm continuous and 7200 rpm transient

CHASSIS

Lotus designed VVA (modular lightweight bonded Aluminium structure)
Total chassis weight 203 kg
Front module 29 kg
Rear module 58 kg
Chassis tub 116 kg
Whole vehicle torsional stiffness: 26,600 Nm per degree

SUSPENSION

Front and rear: Fully independent suspension, Forged Aluminium Double wishbone suspension, antiroll bar, Eibach springs and Bilstein dampers

STEERING

Rack and pinion steering box with 2.86 turns lock-to-lock. Lotus tuned hydraulically assisted power assistance

BRAKING AND DYNAMIC SYSTEMS

Front and rear black AP-Racing four-piston calipers. Front: 350 mm ventilated and cross drilled cast-iron discs. Rear: 332 mm ventilated and cross drilled cast-iron discs

Lotus / BOSCH servo-assisted, track tuned 4-channel Antilock Braking System (ABS)

Lotus Dynamic Performance Management (Lotus DPM)

Corner Brake Control (CBC)

Drag Torque Control (DTC)

Electronic Differential Lock (EDL)

Traction Control System (TCS)

Electronic Stability Control (ESC)

Anti-lock Braking System (ABS)*

Hydraulic Brake Assist (HBA)*

Electronic Brake Distribution (EBD)*

Understeer Recognition

DPM with Sports Mode button. Sport Mode increases the traction slip thresholds and removes understeer recognition, allowing the driver more vehicle control before an intervention is required.

TRANSMISSION

EA60 6 speed transverse Sports Ratios manual gearbox with open differential.

IPS: U660E 6 speed transverse automatic gearbox with open differential

* Cannot be switched off

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GEAR RATIOS	EVORA MANUAL / IPS	EVORA S MANUAL / IPS
1st:	3.538 / 3.300	3.538 / 3.300
2nd:	1.913 / 1.900	1.913 / 1.900
3rd:	1.407 / 1.420	1.407 / 1.420
4th:	1.091 / 1.000	1.091 / 1.000
5th:	0.9697 / 0.713	0.9697 / 0.713
6th:	0.8611 / 0.608	0.8611 / 0.608
Reverse:	3.831 / 4.148	3.831 / 4.148
Final Drive (1st - 4th)	3.777 / 3.685 (1st to 6th)	3.777 / 3.685 (1st to 6th)
Final Drive (5th - 6th)	3.238 / N/A	3.238 / N/A

WHEELS AND TYRES	EVORA MANUAL / IPS	EVORA S MANUAL / IPS
Classic wheels, cast alloy, 18" front and 19" rear	S	S
Classic wheel, stealth grey, cast alloy, 18" front and 19" rear	0	S
Sport wheel, silver or gloss anthracite, forged alloy, 18" front and 19" rear	0	0
Design wheel, diamond cut, satin gunmetal or gloss black, forged alloy, 19" front and 20" rear	0	0
Pirelli P-Zero 225/40 ZR18 front 255/35 ZR19 rear	S	S
Pirelli P-Zero Corsa tyres, front 235/35 ZR19 and rear 275/35 ZR20	0	0

BODY

Lightweight composite body panels
Stainless steel fuel tank

EXTERIOR SPECIFICATION

	EVORA	EVORA S
Solid paint	S	S
Metallic paint	0	0
Premium paint	0	0
Motorsport paint	0	0
Heated and electric door mirrors	S	S
Heated and electric (power-fold) door mirrors	0	0
Body coloured, electric door mirrors	S	0
Black coloured, electric door mirrors	N/A	S
Body coloured door handles	S	S
18" front and 19" rear cast alloy wheels	S	S
2+2 seat configuration	0	0
Sports rear diffuser	N/A	S
Bi-Xenon headlights	S	S
Reversing Camera (only with Tech Pack)	0	0

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INTERIOR SPECIFICATION

Adjustable Recaro leather sports front seats	S
Flat bottomed magnesium steering wheel trimmed in leather	S
Dual stage driver and passenger airbags	S
Passenger airbag on/off switch (non-federal markets)	S
ISOFIX® child seat anchorage (LATCH system in federal markets) with 2+2 option	S
Bespoke aluminium illuminated control knobs and switches	S
Door storage bins and integrated cup holders	S
Lotus command centre with auxiliary trip computer and vehicle monitoring displays	S
Alpine CD/MP3/WMA receiver with integrated iPod® connectivity	S
Immobiliser and remote activated alarm	S
Remote central locking with boot release	S
Air conditioning	S
12v interior accessory socket	S
12v boot mounted battery accessory socket	S
Load Limiting Pyrotechnic Pre-tensioning front seat belts	S
Leather handbrake sleeve	S
Manual steering column adjustment for length and height	S
Electric windows	S
Remote release glove box	S
2+2 seat configuration	0
Heated front seats (Standard with Premium Pack)	0

ALL PREMIUM PACKS INCLUDE:

Accent lighting
Leather trimmed door pockets
Armrest
Leather footwell side panels
Leather tailgate insert panel

PREMIUM PACK

Leather centre console
Leather door panelling below trim band
Choice of leather colours: Ebony Black, Venom Red, Ivory White, Ash Grey, Cocoa Brown, Cognac Brown, includes leather rear seats (2+2 option only)

PREMIUM PACK SUEDETEX®

Slate Grey SuedeTex® centre console
SuedeTex® trim band and lower door panelling
Ebony Black leather and SuedeTex® seat combination (front and rear on 2+2)

PREMIUM PACK SPORT

Leather centre console
Carbon effect leather inserts on the seats
Leather door panelling below trim band
Choice of leather colour: Ebony Black with red contrast stitching and piping, or Venom Red and Cocoa Brown with black contrast stitching and piping, includes leather rear seats (2+2 option only)

SUEDETEX® TRIM PACK

Gear gaiter
Handbrake sleeve
Handbrake gaiter
Door handle inner
Door pocket

TECH PACK

Upgraded speakers and stereo system with 2x50W amplifier and subwoofer with dedicated amplifier
DVD player
7" WVGA touch screen display with integrated Satellite Navigation
Bluetooth™ mobile phone connection
USB connection for various iPod® models MP3 players and memory sticks
Tyre pressure monitoring
Cruise control
Rear parking sensors

SPORT PACK (Standard on S)

Switchable sports mode with sharper throttle response (standard with IPS)
Increased RPM limit and sportier setting for Dynamic Performance Management (DPM)
Sports diffuser (uprated Evora S diffuser remains unchanged)
Titanium sports exhaust tailpipe (stainless steel on Evora S)
Cross-drilled brake discs
Red painted brake calipers (black is a no-cost option)