



EVORA
CUP

www.lotusevoracup.com

PERFORMANCE

Max Power	400PS @ 7000 rpm*
Max Torque	400Nm @ 6000 rpm*
Max Engine Revs	7250 rpm*
Fuel Rating	98 RON Minimum
Engine Position	Transverse Mid Mounted
Unladen Vehicle Mass	1250 kg*

POWERTRAIN SPECIFICATION

Engine	Mid-mounted, transverse 4-litre DOHC V6 VVT-i 2GR-FE Normally Aspirated with Dry Sump
Engine Management	Motorsport ECU
Diagnostics	Service Only
Gearbox	Sequential 6-speed, driving rear wheels, transverse layout Dog Engagement, Reverse and Neutral engagement protected Semi dry sump, force feed lubrication, Internal gerotor pump, External oil cooler Reverse cut directly onto the primary shaft. Lock adjustable from min 60% to max 90%
Gear Shift	Paddle shift, hydraulic actuation with flat shift and autoblip systems
Clutch	Twin plate Sintered clutch
Gear ratios / forward	13/38, 18/34, 21/30, 23/27, 25/25, 26/23
Gear ratios / final drive	17/57
Exhaust System	Competition exhaust manifold, competition silencer
Exhaust Noise	110 dB (A) at 3800 rpm (FIA)*
Induction System	Performance Air Filter

EXTERIOR SPECIFICATION

Body Panel	Carbon Front Splitter, Diffuser and Rear Wing
Colour	Standard Lotus Colours

INTERIOR SPECIFICATION

Steering Type	Rack and Pinion, Power Assisted, quick release wheel
Instruments/Controls	Motorsport Instrument Pack/Dash, Gear indicator, traction control, fire extinguisher and electrical cut out
Seat	FIA Approved competition seat on fixed mounting frame – HANS approved
Seat Belts	FIA Approved 6 point competition harness – HANS compatible

VEHICLE SPECIFICATION

Chassis	Modular lightweight bonded aluminium structure
Suspension Front/Rear	Forged aluminium double wishbone suspension, Bilstein multi-position single-point adjustable dampers, Eibach coaxial coil springs, uprated bushes, uprated anti roll bar
Braking System	Servo Assisted with race tunable ABS, steel braided lines
Brakes Front	Six piston front callipers, two piece aluminium belled discs, race pad
Brakes Rear	Four piston front callipers, two piece aluminium belled discs, race pad
Brake/Clutch Fluid	Competition Fluid
Wheels	Front – 18 x 8.5 Rear – 18 x 10
Tyres	Front - 235/625-18 Rear - 285/645-18
Fuel System	FIA FT3 Approved with internal high pressure pump, regulator and filter
Fuel Tank / Capacity	120 litres
Fuel Tank / Filler	FIA Approved Quick Fill
Engine Cooling	Uprated Radiator, Laminova oil/water heat exchanger

SERVICE INFORMATION

Different Service schedules and component life cycle limits apply to this vehicle

Non-standard tools, equipment and computer software are required for servicing and operation of this vehicle

DISCLAIMER

This vehicle featured here is for competition use only

The vehicle is NOT covered by the standard manufacturers warranty

Each customer is responsible for their car to fully comply with the respective competition regulations

Lotus reserves the right to change or amend the specification and option at any time

All specifications are correct at time of going to press

Terms and conditions apply

Customers statutory rights are not affected



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* Subject to development testing

No type approval documentation or Certificate of Conformity is supplied with the vehicle. This is a race car and carries no Lotus warranty. Different service and maintenance procedures apply from the standard Evora. Any type of timed, competitive vehicle use requires that a suitably qualified specialist apply expert levels of vehicle preparation and servicing. Customers are responsible for ensuring their vehicle is compliant with specific race regulations. Lotus reserves the right to change price, specification and options at any time. All specifications and options are correct at time of going to press January 2010.

Lotus Sport is a trading name of Lotus Cars Limited, registered address Potash Lane, Hethel, Norwich, NR14 8EZ, England.

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Evora

