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Lotus Elise R

Adrenalin-fuelled excitement is the hallmark of the Elise R. Its lightweight, agile chassis combined with a powerful, responsive engine mark the Elise R as a thoroughbred.



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Vehicle Description

Model	Elise R
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Engine	2ZZ-GE engine, Metal Matrix Composite (MMC) & aluminium lightweight and compact construction. Chain driven Double Over-Head Camshafts (DOHC) exploiting a Variable Valve Timing & Lift - intelligent (VVTL-i) system. Lotus T4e engine management system, multi-point sequential fuel injection, electronic ignition and electronic throttle control.
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Emissions	Three-way catalytic converter. Euro IV emissions compliant with full On-Board Diagnostics (OBD).
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Transmission	C64 manual transaxle, aluminium lightweight construction. 6-speed, close ratio, constant mesh helical gears and open differential.
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Chassis	Lotus designed lightweight structure of epoxy bonded aluminium alloy extrusions with glass-fibre composite front section, extruded aluminium door beams, integral steel seat-belt support structure and lightweight galvanised steel rear subframe.
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Steering	Solidly mounted mechanical rack and pinion steering box. 2.8 turns lock-to-lock.
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Suspension	Solidly mounted mechanical rack and pinion steering box. 2.8 turns lock-to-lock.
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Wheels	8-spoke lightweight cast alloy wheels in Hi-Power Silver. F: 5.5Jx16 & R: 7.5Jx17
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Tyres	Yokohama Advan Neova AD07 LTS F: 175/55 R16 & R: 225/45 R17
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Brakes	

Servo-assisted, track tuned 4-channel Anti-lock Braking System (ABS) with Lotus/AP-Racing twin-piston fixed aluminium alloy front brake calipers. Brembo single-piston sliding rear calipers. 288 mm diameter, 26 mm thick front and rear cast-iron ventilated & cross-drilled discs.

Lotus Evora Wins Another Award

[Detail](#)

Group Lotus has added yet another award

New Car - Lotus Evora

[Detail](#)

All the latest information including specifications and photos of the Lotus

Lotus cars attends Geneva Motor Show

5th-15th March 2009

[Detail](#)

2-Eleven Supersport

[Detail](#)

The Lotus Sport 2-Eleven GT4 Supersport race car asserts itself at the pinnacle of the

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