

# THE LOTUS EVORA GX



## TECHNICAL SPECIFICATION

### LOTUS EVORA GX

Eligible to race in the following series:

GRAND-AM GX

British GT Championship\*

VdeV Series\*

DLTClz Supercar\*

CREVENTIC Endurance Races

\*Subject to acceptance

### PERFORMANCE SPECIFICATION

Max Power	440 bhp at 7000 rpm
Max Torque	460 Nm at 5500 rpm
Max Engine Revs	Revs 7200 rpm
Fuel Rating	98 RON minimum
Engine Position	Transverse mid-mounted
Unladen Vehicle Mass	1170 kg* Base Specification, *Subject to final agreed customer specification

### INTERIOR SPECIFICATION

Steering Type	Rack and pinion, power assisted, quick release steering wheel with PAS
Instruments/Controls	Cosworth Omega dash with logging, fire extinguisher and electrical isolator
Seat	FIA approved competition seat on fixed mounting frame – HANS compatible (optional Non FIA slider) and driver safety nets
Seat Belts	FIA approved 6 point competition harness – HANS compatible
Door mirrors	Competition style

### EXTERIOR SPECIFICATION

Body Panel	Front splitter, diffuser and rear wing, composite wheel arch extensions, front and rear brake cooling
Windows	Plexi glass side windows with sliders only on drivers side *GRAND AM has open windows
Front Screen	Polycarbonate
Roof	Composite (optional Carbon fibre)
Doors	Carbon fibre
Colour	White standard (optional Solid, Metallic, Lifestyle, Motorsport Colour Scheme, Special Order (Team Specific)
Tailgate	Carbon fibre

### VEHICLE SPECIFICATION

Chassis	Modular lightweight bonded aluminium structure
Suspension Front/Rear	Forged aluminium double wishbone suspension, 4 way Ohlins TTX36 dampers, coaxial coil springs, Uni ball wishbone joint, increased camber anti roll bars. Front & Rear Centre lock hubs, wheel nut safety retainer, Track increase rear 100mm front 60 mm*
Braking System	Twin master cylinder pedal box, cable bias control
Brakes Front	Alcon 6 piston calipers, two piece aluminium belled discs, 25mm race pads
Brakes Rear	Alcon 4 piston calipers, two piece aluminium belled discs, 25mm race pads
Wheels	Forged Alloy Front – 18 x 10J Rear – 18 x 12J
Tyres	Front – 285/645 R18 Rear – 305/660 R18
Fuel System	FIA FT3 approved with internal high pressure pump, regulator and filter
Fuel tank / Capacity	96 litres nominal
Fuel Tank/Filler	ATL single dry break (fillers and vent)
Engine Cooling	Twin core High Ambient Radiator aluminium end tank radiator, Laminova heat exchanger* Separate gear box heat exchanger
Air Jacks	4 point system 2 front 2 rear

### POWERTRAIN SPECIFICATION

Chassis = (LHD Only)	
Engine	Mid-mounted, transverse 4-litre DOHC V6 VVT-i 2GR-FE normally aspirated with dry sump, CNC billet Alloy Engine mounts, Motorsport optimized bushes
Engine Management	Lotus ECU
Diagnostics	MIL
Gearbox	Xtrac 426 sequential 6-speed, driving rear wheels, transverse layout dog engagement, reverse and neutral engagement, external oil cooler reverse cut directly onto the primary shaft. Bespoke Alloy cast bell housing. Various Ratio options available upon request
Gear Shift	Paddle shift, pneumatic system
Clutch	Twin plate sintered clutch
Exhaust System	Competition exhaust manifold and competition silencer
Exhaust Noise	110 dB (A) at 3800 rpm (FIA)*
Induction System	Performance air filter

Lotus reserves the right to modify prices, specifications and options without prior notice. Please consult the Lotus brochures or a dealer for details of the contents of the option packs. The Recommended Retail Price includes transport to the dealership, the first service, manufacturer's warranty and local tax. Prices effective from 20th June 2012. Information correct at time of going to press.