

Lotus MY 2010 Exige 260 Technical Specifications and Options

Vehicle Description	Technical Specifications
Engine	Mid-mounted, transverse, 1796 cm ³ , 2ZZ-GE engine, Metal Matrix Composite (MMC) & aluminium lightweight and compact construction, 4 cylinders in line, water cooled. 11.5:1 Compression ratio, double overhead camshafts exploiting a Variable Valve Timing & Lift with intelligence (VVTL-i) system, hydraulic tappets, 4 valves per cylinder, rocker arms with low friction followers. Lotus electronic throttle control system. Accusump Lotus developed supercharger installation including intake manifold, plenum and induction system, and air to air intercooler – (cooling air enters via the roof scoop) Twin oil coolers (front mounted)
Engine management	Lotus T4e engine control unit
Max Power	191 kW (257 hp, 260 PS) @ 8000 rpm
Max Torque	236 Nm (174 lb ft) @ 6000 rpm
Power to weight ratio	215 kW/t (288 hp/t, 291 PS/t)
Specific power output	106 kW/litre (143 hp/litre, 144 PS/l)
Emissions control	Three-way catalytic converter. Euro IV emissions compliant with full On-Board Diagnostics (OBD).
Transmission	C64 Gearbox, aluminium lightweight construction, 6-speed, close ratio, constant mesh helical gears and torsen Limited Slip Differential
Suspension	Fully independent sport suspension utilising unequal length wishbones, Ohlins 2-way adjustable dampers with remote reservoirs, coil springs at each corner and adjustable front anti-roll bar. Double-shear rear track control arms
Chassis	Lotus designed lightweight structure of epoxy bonded, aluminium alloy extrusions with integral steel seat-belt support structure, lightweight steel rear subframe and structural sheer panel. Adjustable spring seats to change ride height.
Steering	Solidly mounted mechanical rack and pinion steering box with 2.8 turns lock-to-lock.
Brakes	Servo-assisted, track tuned 4-channel Anti-lock Braking System (ABS) with Lotus/AP-Racing four-piston fixed aluminium alloy front brake callipers, Brembo single-piston sliding rear callipers. Two piece front 308 mm and rear 282 mm cast-iron ventilated & cross-drilled discs.
Wheels	Ultra-lightweight forged wheels (16", 5.65 kg front and 17", 7.75 kg rear)
Tyres	
Front	Yokohama A048 tyre LTS (rated W) 195/50 R16
Rear	Yokohama A048 tyre LTS (rated W) 225/45 R17
Gear ratios	
First	3.116 :1
Second	2.050 :1
Third	1.481 :1
Fourth	1.166 :1
Fifth	0.916 :1
Sixth	0.815 :1
Reverse	3.250 :1
Final drive	4.529 :1

Performance Figures	
	Estimated
0-60 mile/h	4.0 (est)
0-100 km/h	4.1 (est)
0-100 mile/h (≈ 0-160 km/h)	9.9 (est)
Maximum speed	152 mph 245 km/h (est)
Fuel consumption	
Fuel consumption – urban	11.9 litre/100 km (23.7 mpg (UK))
Fuel consumption – extraurban	6.5 litre/100 km (43.5 mpg (UK))
Fuel consumption – combined	8.5 litre/100 km (33.2 mpg (UK))
CO ₂ emissions	199 g/km
Weight distribution	38% Front - 62% Rear
Fuel tank capacity	43.5 litre (9.6 gal (UK))
Luggage capacity	112 litre - 50 kg
Dimensions	
Wheelbase	2300 mm
Track – front	1457 mm
Track – rear	1507 mm
Overall length	3797 mm
Overall width (door mirrors excluded)	1727 mm
Overall width (door mirrors included)	1850 mm
Overall height - midladen (as per unladen with 2x 75 kg occupants)	1163 mm
Overhang – front	805 mm
Overhang – rear	692 mm
Ground clearance - midladen (as per unladen with 2x 75 kg occupants)	130 mm
Vehicle mass - unladen (running order, full tank of fuel, no occupants, no luggage)	890 kg (no options)
Aero	
Drag (Cd)	0.434
Other	Aero package consists of rear diffuser, Flat underbody, Rear wing and front splitter.
Exterior	
Paint:	
Standard	Ardent Red
Metallic	Storm Titanium
Lifestyle	Aspen White, Krypton Green
Premium	Burnt Orange
Details	Exterior Carbon fibre panels include: roof panel, rear tailgate, front access panels, front splitter (carbon chord), side air intake ducts, rear spoiler (carbon chord)
Paint chip protection	Paint chip film applied to side rear sill and air intake.
Interior	
Seat	Lightweight Carbon HANS compliant driver and passenger seats. The seat is FIA compliant when rigidly mounted using the kit available from Lotus.
Lightweight interior components	One piece carbon fibre dash top panel and centre tunnel

Details	
Track specific components	Lotus Variable Traction Control and Launch Control, Accusump, Lightweight steel rear subframe and structural sheer panel, Double shear track control arms
Exige 260 and Cup specific components	Lightweight components (resulting in a weight saving of 22kg): Lightweight 'motorsport' battery, Ultra-light five spoke forged alloy wheels, Revised rear engine subframe with lightweight coating, Lightweight fly wheel, Lightweight composite bulkhead panel replaces rear window, Alloy supercharger U-bend pipes
Extra weight saving	Removing some other non essential components and equipment such as the interior and boot carpets, front mudflaps, battery cover, interior mirror, sunvisors, rear tailgate gas strut, results in a further weight saving of 4kg.
Options	
Option Packs	Cup pack
	Pre drilled chassis
	Fire extinguisher
	Electrical cut off
	Body coloured 'A' frame
Standalone Options	Radio
	Air Conditioning
	Plate-type Limited Slip Differential
	Airbag
	NVH sound insulation pack and carpets Leather seats