

Lotus Exige S Specifications, Technical Details 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 naturally aspirated 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 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	162.5 kW (218 hp, 221 PS) @ 7800 rpm
Max Torque	215 Nm (158.6 lb ft, 22 kgf m) @ 5500 rpm
Power to weight ratio	173.8kW/t (233.2hp/t, 236.4PS/t)
Specific power output	90.5 kW/l (121.4 hp/l, 123 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 open differential. (Limited Slip Differential option)
Suspension	Fully independent sport suspension utilising unequal length wishbones, Bilstein mono-tube gas damper, Eibach coaxial coil spring at each corner and front anti-roll bar. Double-shear rear traction control arm brace
Chassis	Lotus designed lightweight structure of epoxy bonded aluminium alloy extrusions with integral steel seat-belt support structure and lightweight steel rear subframe.
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 twin-piston fixed aluminium alloy front brake calipers, Brembo single-piston sliding rear calipers and 282 mm diameter, 26 mm thick front and rear cast-iron ventilated & cross-drilled discs.
Wheels	Unique black lightweight cast wheels of eight x Y-spoke design (16" front and 17" 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	4.1 (est)
0-100 km/h	4.3 (est)
0-100 mile/h (≈ 0-160 km/h)	9.98 (est)
Maximum speed	148 mph 238 km/h (148 mph) actual
Fuel consumption	
Fuel consumption - urban	12.3 l/100 km (22.9 mpg (UK))
Fuel consumption - extraurban	7.2 l/100 km (39.2 mpg (UK))
Fuel consumption - combined	9.1 l/100 km (31.0 mpg (UK))
CO ₂ emissions	216 g/km
Weight distribution	38% Front - 62% Rear
Fuel tank capacity	43.5 l (9.6 gal (UK))
Luggage capacity	112 l - 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)	935 kg (no options) - 949 kg (full 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, British Racing Green (+ Saffron Yellow, mainland EU only)
Metallic	Arctric Silver, Storm Titanium, Magnetic Blue, Nightfall Blue, Canyon Red, Polar Blue, Racing Green (metallic), Aubergine Purple, Starlight Black, Solar Yellow
Lifestyle	Chrome Orange, Aspen White, Laser Blue, Autumn Gold, Graphite Grey, Phantom Black, Krypton Green, Chilli Red
Custom	Special colours and paint schemes available on application
Roof	Composite hardtop with large roof vent, for intercooler air feed
Details	Body coloured rear wing, splitter, side scoops and roof scoop (standard fit)
Paint chip protection	Paint chip film applied to side rear sill and air intake.

Interior	
Seats	ProBax design seats with composite structure
Seat Material	Black Cloth
Spec	Black plain leather sun-visors
	Black perforated leather gear-lever gaiter
	Black floor carpet
	Central door locking
	Polished aluminium heater control knobs
	Polished aluminium handbrake sleeve
	Polished aluminium gear-knob
	Foot-well divider
	Lightweight aluminium passenger foot-rest
	Silver acrylic capped door cards
	Black cloth trimmed door insert panels
I.C.E. :	
Headunit	Blaupunkt CD headunit
Speakers (front)	Blaupunkt ODx - Light weight, flat speakers
Speakers (rear)	Blaupunkt GTx
Other:	Dipole aerial
Security	Imboliser and remote activated alarm
Options	
Option Packs	Same as MY06 Exige:
	Touring Pack:
	Electric Windows
	Stowage Net
	Full Leather Interior
	Sound Insulation
	Full Carpets - Black
	Auxilliary Lights
	Blaupunkt DAB/ CD/ MP3 headunit
	Super Touring Pack:
	<i>Touring Pack Plus</i>
	Airbag interior and steering wheel
	Embroidered Logo Floor Mats
	Trinket Tray divider and mat
	Leather Handbrake Gaiter - Black
	Leather Shift Knob
	Cup Holder
	Sports Pack:
	Traction control
	T45 Main Hoop
	Sports Seats - Black microfibre and leather
	Carbon effect leather door insert panels
	Black leather door panel trim.
	Roll hoop cross-bar*
	* - allows use of harnesses with the sports seats, available ASO
	Super Sports Pack:
	<i>Sports Pack Plus</i>
	1-way adj Bilstein dampers - Remote reservoir on front dampers
	Adjustable front anti-roll bar.

	Forged wheels of seven-twin-spoke design (6.5" front, 7.5" rear) - Black
Standalone Options	
	Air Con
	LSD (requires Traction control)
	Traction control