

## 2010 Lotus Evora - Technical Specifications

Headline Figures	
Maximum Power	276 HP / 280 PS / 206 kW @ 6,400 rpm
CO <sub>2</sub> Emissions	205 g/km (11.6 ounces/mile)
Weight	3,046.8 lbs. (1,382 kg)
0 – 60 mph	4.9 seconds
0 – 100 km/h	5.1 seconds
Top Speed	162 mph (261 km/h)
Fuel Economy	32.5 mpg – 8.7 l/100km (combined Euro cycle, EPA ratings TBD)

Technical Specifications	
Engine	Mid-mounted, transverse, 3456 cc, DOHC, Dual VVTi
Engine Management	Lotus T6e engine control unit
Swept Volume (Bore x Stroke)	94 x 83 mm
Compression Ratio	10:1
Maximum Power	276 HP / 280 PS / 206 kW @ 6,400 rpm
Maximum Torque	258 lb. ft. / 350 Nm @ 4,700 rpm
Specific Power Output (HP/ Liter and PS/ Liter)	79 HP / Liter (81 PS / Liter)
Cylinder Head Material	Aluminum
Engine block material	Aluminum
Number of Crankshaft Bearings	4
Number of Camshafts	4
Fuel Supply System	Returnless Fuel Injection
Idle Running Speed	600 - 680 rpm (variable)
Ignition	1 spark plug per cylinder
Steering	Lotus-tuned power steering
Turning Radius	33.3 ft. (10.1 m)
Steering Lock to Lock	2.86 turns
Service Interval	9,000 miles
Warranty (European Mkts)	3 year 100,000km (60,000 miles) whole vehicle warranty with 8 years chassis perforation warranty for EU markets
Fuel	Premium Unleaded

Performance Figures	
Maximum Speed	162 mph (261 km/h)
0-60 mph	4.9 seconds
0-100 mph	12.3 seconds
0-100 km/h	5.1 seconds
0-160 km/h	12.2 seconds
60-0 mph	110.2 ft. (33.6 meters) – 2.4 seconds
100-0 mph	290.7 ft. (88.6 meters) – 3.9 seconds
100-0 km/h	120.7 ft. (36.8 meters) – 2.5 seconds
160-0 km/h	293.6 ft. (89.5 meters) – 3.9 seconds

<b>Transmission</b>		
Gearbox	6-speed manual	
Clutch	Single plate	
Differential	Open type	
Transmission Ratio	Sports Ratio Gearbox (Optional)	Standard Ratio Gearbox
1st	3.538	3.538
2nd	1.913	1.913
3rd	1.407	1.218
4th	1.091	0.86
5th	0.9697	0.79
6th	0.8611	0.638
Reverse Gear	3.831	3.831
Final drive 1st - 4th	3.777	3.777
Final drive 5th - 6th	3.238	3.238

<b>Emissions</b>	
Emissions	Euro 4 compliant
CO <sub>2</sub> Emissions	205 g/km
Fuel Economy Combined	32.5 mpg – 8.7 litres / 100km (European cycle – EPA is tbd)
Fuel Economy Urban	22.8 mpg – 12.4 litres / 100km (European cycle – EPA is tbd)
Fuel Economy Extra-Urban	43.5 mpg – 6.5 litres / 100km (European cycle – EPA is tbd)
Fuel Tank Capacity	15.9 gallons (60 liters) usable volume
Fuel System	Stainless steel fuel tank with Onboard Refueling Vapor Recovery to capture hydro-carbon vapor given off during refueling.

<b>Exterior Dimensions</b>	
Overhang Front	39.1 in. (993 mm)
Overhang Rear	30.5 in. (774 mm)
Ground Clearance	4.7 in. (120 mm)
Overall Length	170.9 in. (4342 mm)
Overall Height	48.1 in. (1223 mm)
Overall Width	72.8 in. (1848 mm)
Wheelbase	101.4 in. (2575 mm)
Track Front at Ground	61.7 in. (1567 mm)
Track Rear at Ground	62.0 in. (1575 mm)
Design Front Ground Clearance	4.9 in. (125 mm)
Design Rear Ground Clearance	5.8 in. (147 mm)

<b>Chassis</b>	
Power-To-Weight Ratio	11.0 lbs. per HP
Chassis	Lotus developed Versatile Vehicle Architecture (VVA) – modular lightweight epoxy-bonded extruded and sheet aluminum structure.
Vehicle Torsional Rigidity	26,600 Nm per degree
Front Suspension	Upper and lower forged aluminum wishbone suspension, antiroll bar, Eibach springs and Bilstein dampers.
Rear Suspension	Upper and lower forged aluminum wishbone suspension, antiroll bar, Eibach springs and Bilstein dampers.
Wheels	Cast wheels - Silver or Stealth Grey (option) – 18" x 8" front & 19" x 9.5" rear
	Forged wheels (option) –Silver or Anthracite – 18" x 8" front & 19" x 9.5" rear – 7.1 lbs. lighter overall (3.2 kg lighter)
Front Tires	225/40 ZR18 Pirelli P-Zero
Rear Tires	255/35 ZR19 Pirelli P-Zero
Total Chassis Weight	454 lbs. (206 kg)
Front Module	55.1 lbs. (25 kg)
Rear Module	127.9 lbs. (58 kg)
Chassis Tub	220.5 lbs. (100 kg)
Seatbelt Anchorage Frame	50.7 lbs. (23 kg)
Weight Distribution	39% Front - 61% Rear
Gross Vehicle Weight (GVW)	3,928.6 lbs. (1782 kg)
Vehicle Weight	3046.8 lbs. (1382 kg)

<b>Brakes</b>	
Operation	Servo assisted brakes
Anti-Lock Brakes	Lotus tuned Bosch ABS system
Brake Technology	Hydraulic Brake Assist, Electronic Differential Lock and Electronic Brake Distribution
Brake Calipers	AP-Racing four-piston calipers (front and rear)
Front Discs	13.8 in. (350 mm) ventilated (cross drilled optional)
Rear Discs	13.1 in. (332 mm) ventilated (cross drilled optional)
Emergency Brake	Drum in hat

<b>Aero</b>	
Drag (Cd)	0.33
Drag (Cd.A)	0.627
Front Downforce	6.6 lbs. (3 kg) at 100 mph (160 km/h)
Rear Downforce	11.0 lbs. (5 kg) at 100 mph (160 km/h)
Aero Package Features	Front splitter, flat underbody, rear diffuser and floating rear wing.