

LAMBORGHINI MURCIÉLAGO LP 640



TECHNICAL SPECIFICATIONS

- Contract of the Contract of	LAMBORGHINI MURCIÉLAGO LP 640		
Frame	Tubular frame made of high-strength steel alloy with carbon fibre		
	structural parts		
Body	Carbon fibre with doors and roof in steel		
Suspension	Independent front and rear double wishbones, anti-roll bars;		
	anti-dive and anti-squat		
Brakes	Power vacuum, aluminium alloy callipers:		
	8-piston front callipers and 4-piston rear callipers		
Air flaps	Opening: 1. Water temperature > 95 °C and speed < 180 km/h;		
	2. 65 °C < water temperature < 95 °C;		
	3. Outside temperature > 30 °C and speed < 180 km/h		
Ventilated discs (front - rear)	Ø 380 mm x 34 mm - Ø 355 mm x 32 mm		
Steering	Power-assisted rack and pinion		
Tyres (front - rear)	Pirelli P ZERO 245/35 ZR 18 - 335/30 ZR 18		
Wheels (front - rear)	Aluminium alloy, 8.5" x Ø 18" - 13" x Ø 18"		
Kerb-to-kerb turning circle	12.55 m		
Mirrors	External mirrors with electrical closing and heating system, internal		
	mirror with anti-blinding system		
Rear spoiler	Electronically controlled; activated at 130 km/h (step 1) and		
	220 km/h (step 2)		
Airbags	Front "dual-stage" driver and passenger airbags		
ENGINE			
Туре	12-cylinder V 60°		
Displacement	6496 cc		
Bore and stroke	Ø 88 mm x 89 mm		
Intake system	Variable geometry, three modes		
Valve gear	Chain-driven, intake and exhaust continuously variable valve timing		
	electronically controlled		
Compression ratio	11:1		
Maximum power	471 kW (640 ps/631 hp) at 8000 rpm		
Maximum torque	660 Nm at 6000 rpm		
Emission control system	Catalytic converters with lambda sensors		
Cooling system	Two water radiators + oil cooler, electronically controlled variable		
	geometry air inlet system (Lamborghini VACS)		
Engine management system	Lamborghini L.I.E., with individual static ignition, multipoint		
	sequential fuel injection, drive-by-wire system, traction control		
	system, OBD system		
DRIVETRAIN			
Type of transmission	Permanent 4-wheel drive (viscous traction system) and electronic		
	traction control system		
Gearbox	Manual 6-speed + reverse; robotized gear shifting system		
	(e-gear optional)		
Clutch	Dry single plate Ø 272 mm with reduced pedal load		
Gear ratios	I = 1:3.091; II = 1:2.105; III = 1:1.565; IV = 1:1.241; V = 1:1.065;		
	VI = 1:0.939; reverse gear = 1:2.692		
PERFORMANCE			
	Over 340 km/h (211 mph) depending on aerodynamic configuration		
Top speed	Over 340 km/n (211 mpn) depending on aerodynamic confiduration		

DIMENSIONS

Wheelbase	2665 mm	
Overall length	4610 mm	
Overall width	2058 mm	5
Overall height	1135 mm	
Track (front - rear)	1635 mm - 1695 mm	
Weight ("dry" - no fuel)	1665 kg	
Weight distribution (front - rear)	Front 42% - rear 58%	

TANK CAPACITIES

Fuel tank	100 litres	
Engine oil	12 litres	
Engine coolant	15 litres	

CONSUMPTION*

Manual and e-gear		
(6-speed)		
Urban cycle	32.3 I/100 km	
Extra urban cycle	15.0 I/100 km	
Combined	21.3 I/100 km	
CO ₂ emission	495 g/km	

CONSUMPTION USA**

Manual (6-speed)		e¤gear (6-speed)		
Urban cycle	9 mpg	Urban cycle	10 mpg	
Extra urban cycle	14 mpg	Extra urban cycle	16 mpg	
Combined	11 mpg	Combined	12 mpg	

* In accordance with Dir. EC/1999/100

^{**} In accordance with US EPA guidelines





Lamborghini