



## Press Release

### Automobili Lamborghini

### Lamborghini Aventador LP 700-4

#### Technical data

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## Lamborghini Aventador LP 700-4

### Technical Data

CHASSIS AND BODY	
Frame	Carbon fiber monocoque with Aluminium front and rear frames
Body	Carbon fiber engine bonnet, movable spoiler and side air inlets; Aluminium front bonnet, front fenders and doors; SMC rear fender and rocker cover
Suspension	Front and rear horizontal mono-tube damper with push-rod system
ESP	ESP/ ABS with different ESP characteristics managed by drive select mode
Brakes	Dual hydraulic circuit brake system with vacuum brake booster; front and rear CCB, 6-cylinder brake callipers, 4-cylinder brake callipers
Ventilated discs (front - rear)	Ø 400 x 38 mm - Ø 380 x 38 mm
Steering	Steering Gear with 3 different servotronic characteristics managed by drive select mode
Tires (front - rear)	Pirelli 255/35 ZR19 - 335/30 ZR20
Wheels (front - rear)	19''x9J - 20'' x 12J
Kerb-to-kerb turning circle	12.5 m
Mirrors	External mirror electrically foldable
Rear spoiler	Moveable -3 positions depending on speed and drive select mode
Airbags	Front dual stage driver airbag and front adaptive passenger airbag; seats with side "head-thorax" airbags; passenger and driver knee airbags



<b>ENGINE</b>	
Type	V12, 60°, MPI
Displacement	6498 cc
Bore and stroke	Ø 95 mm x 76,4 mm
Valve gear	Variable valve timing electronically controlled
Compression ratio	11.8 ± 0.2
Maximum power	700 HP (515 kW) at 8.250 rpm
Maximum torque	690 Nm at 5.500 rpm
Emission class	EURO 5 - LEV 2
Emission control system	Catalytic converters with lambda sensors
Cooling system	Water and oil cooling system in the rear with variable air inlets
Engine management system	Lamborghini Iniezione Elettronica (LIE) with Ion current analysis
Lubrication system	Dry sump

<b>DRIVETRAIN</b>	
Type of transmission	4WD with Haldex generation IV
Gearbox	7 speed ISR, shifting characteristic depending on drive select mode
Standard	AMT



Clutch	Dry double plate clutch, Ø 235 mm
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<b>PERFORMANCE</b>	
Top speed	350 km/h
Acceleration (0-100 km/h [0-62 mph])	2,9 sec.

<b>DIMENSIONS</b>	
Wheelbase	2700 mm
Overall length	4780 mm
Overall width (excluding mirrors)	2030 mm
Overall height	1136 mm
Track (front - rear)	1720 mm - 1700 mm
Dry weight	1575 Kg
Weight distribution (front - rear)	43% - 57%

<b>TANK CAPACITIES</b>	
Fuel tank	90 litres
Engine oil	13 litres



Engine coolant	25 litres
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<b>CONSUMPTION*</b>	
Urban cycle	27,3 l/100km
Extra urban cycle	11,3 l/100km
Combined	17,2 l/100 km
CO <sub>2</sub> emission	398 g/km

\* In accordance with Dir.  
EC/1999/100