



## Countach LP500 Quattrovalvole specifications

### General information

<b>Type of car</b>	Lamborghini LP500 QuattroValvole Countach
<b>Years built</b>	March 1985 - September 1988
<b>Production</b>	610
<b>Chassisnumbers</b>	ZA9C 00500 FLA 12.798 - ...
<b>Presentation</b>	March 1985 Geneva Auto Show
<b>Type of car</b>	Two door coupe, two seater berlinetta, horizontally hinged doors
<b>Designed by</b>	Marcello Gandini for Bertone
<b>Built by</b>	Automobili Lamborghini SpA

### Dimensions

<b>Wheelbase</b>	2500 mm (98.4 in)
<b>Overall length</b>	4140 mm (163 in)
<b>Overall width</b>	2000 mm (78.7 in)
<b>Overall height</b>	1070 mm (42 in)
<b>Front track</b>	1536 mm (60.4 in)
<b>Rear track</b>	1606 mm (63.2 in)
<b>Ground clearance</b>	125 mm (5 in)
<b>Front overhang</b>	933 mm (36.7 in)
<b>Rear overhang</b>	757 mm (29.8 in)
<b>Weight</b>	1490 kg (3284 Lbs)
<b>Distribution</b>	41.3 / 58.7 % front / rear

### Chassis

<b>Structure</b>	Round-section steel tubular space frame by Marchesi (40 mm tubes)
<b>Body</b>	Aluminum panels with molded fiberglass wheel arch extenders and front spoiler, Kevlar was used for front and rear hoods, rear spoiler optionally available
<b>Suspension</b>	All-wheel independent, fully adjustable
	<b>Front</b> Coil springs, telescopic shock absorbers, triangulated transverse levers, sway/anti-roll bars
	<b>Rear</b> Twin coils over shocker units, trailing arms, transverse links and sway/anti-roll bars
<b>Brakes</b>	All-wheel ventilated disc brakes, vacuum assisted, single servo, twin circuit
	<b>Front</b> 300 x 32 mm
	<b>Rear</b> 284 mm
<b>Steering type</b>	Unassisted mechanical rack and pinion, 3.2 turns lock to lock
<b>Turning circle</b>	12.8 m
<b>Front tyre size</b>	225/50 VR 15
<b>Rear tyre size</b>	345/35 VR 15
	<b>Type</b> Pirelli P7R
<b>Front rim size</b>	8.5x15 inch
<b>Rear rim size</b>	12x15 inch
	<b>Type</b> Light alloy single-piece OZ-Racing wheels

## Engine

<b>Type</b>	V-12 60 degree, light-alloy block with pressed-in liners (type LP 112 D) mid mounted (longitudal), rear wheel drive
<b>Distribution</b>	Dual overhead camshafts, chain drive, four valves/cylinder
<b>Main bearings</b>	7
<b>Cylinder capacity</b>	5167 cc
<b>Bore and stroke</b>	85.5 x 75 mm
<b>Compression ratio</b>	9.9:1
<b>Maximum power</b>	455 bhp at 7000 rpm (470 was possible with minor tuning)
<b>Maximum torque</b>	501 Nm (369 lbs.ft.) at 5200 rpm
<b>Cooling system</b>	Pressurized, twin radiators, vertically mounted either side of engine, with cross-over connection
<b>Ignition</b>	Contact less electronic with Marelli coil and distributor
<b>Plugs</b>	Champion A596
<b>Electrical system</b>	12 V
<b>Alternator</b>	85 Amp
<b>Fuel system</b>	Electric Bendix pump, 6 double-barrel Weber 44 DCNF, down-draft carburetors, a Bosch KE Jetronic fuel injection was used on US-Spec cars
<b>Fuel type</b>	n.a.
<b>Fuel consumption</b>	n.a.
<b>Lubrication</b>	Wet sump

## Drivetrain

<b>Type</b>	ZF five-speed + reverse manual all-synchromesh driving to a limited-slip differential		
<b>Clutch</b>	Dry-single plate, hydraulically operated		
	<b>Disc diameter</b>	250 mm mm (9.8 in)	
<b>1<sup>st</sup> gear ratio</b>	2.232:1	<b>Maximum speed</b>	n.a.
<b>2<sup>nd</sup> gear ratio</b>	1.625:1	<b>Maximum speed</b>	n.a.
<b>3<sup>rd</sup> gear ratio</b>	1.088:1	<b>Maximum speed</b>	n.a.
<b>4<sup>th</sup> gear ratio</b>	0.858:1	<b>Maximum speed</b>	n.a.
<b>5<sup>th</sup> gear ratio</b>	0.707:1	<b>Maximum speed</b>	n.a.
<b>Reverse gear ratio</b>	1.960:1	<b>Maximum speed</b>	n.a.
<b>Final drive ratio</b>	4.091:1		

## Performance

<b>Top speed</b>	293 Km/h (182 Mph)		
<b>0-100 Km/h</b>	4.9 sec		
<b>0 - 293 Km/h</b>	62 sec		
<b>Standing Km</b>	23.5 sec		
<b>Capacities</b>			
	<b>Fuel</b>	120 Lt in two tanks	
	<b>Engine oil</b>	17 Lt	
	<b>Cooling system</b>	17 Lt	
	<b>Luggage</b>	240 Lt	
<b>Price</b>	US MSRP \$ 100.000 or Lire 188.500.000		
<b>Current value</b>	\$ 47,100 - \$ 75,800 (based on sales in 2003)		