



Lamborghini Countach LP400 S specifications

General information

Type of car	Lamborghini LP400 S Countach
Years built	March 1978 – 1982
Production	235
Chassisnumbers	121.004 - 121.470
Presentation	March 1978 Geneva Auto Show
Type of car	Two door coupe, two seater berlinetta, horizontally hinged doors
Designed by	Marcello Gandini for Bertone
Built by	Automobili Lamborghini SpA

Dimensions

Wheelbase	2450 mm (96.5 in)
Overall length	4140 mm (163 in)
Overall width	2000 mm (78.7 in)
Overall height	1039 mm (40.9 in) from 1980 on raised to : 1070 mm (42 in)
Front track	1492 mm (58.7 in)
Rear track	1606 mm (63.2 in)
Ground clearance	110 mm (4.0 in) from 1980 on raised to : 124.5 mm (4.9 in)
Front overhang	933 mm (36.7 in)
Rear overhang	757 mm (29.8 in)
Weight	1200 kg (2645 Lbs)
Distribution	42 / 58 % Front / Rear

Chassis

Structure	Round steel tubular space frame by Marchesi (40 mm tubes)
Body	Aluminum panels with molded fiberglass wheel arch extenders and front spoiler, rear spoiler became optionally available
Suspension	All-wheel independent, fully adjustable
	Front Unequal length wishbones, coil spring/damper units, anti-roll bar
	Rear Upper lateral links, lower reversed wishbones, upper and lower trailing arms, twin coil spring/damper units
Brakes	All-wheel ventilated ATE disc brakes, vacuum assisted, single servo, twin circuit
	Front 300 x 32 mm
	Rear 284 mm
Steering type	Unassisted rack and pinion, 3.1 turns lock to lock
Turning circle	13 m
Front tyre size	205/50 VR 15
Rear tyre size	345/35 VR 15
	Type Pirelli P7
Front rim size	8.5x15 inch
Rear rim size	12x15 inch
	Type Campagnolo cast magnesium, redesigned on 1980 model

Engine

Type	V-12 60 degree, light-alloy block with pressed-in liners mid mounted (longitudal), rear wheel drive
Distribution	Dual overhead camshafts, chain drive, two valves/cylinder
Main bearings	7
Cylinder capacity	3929 cc
Bore and stroke	82 x 62 mm
Compression ratio	10.5:1
Maximum power	353 bhp at 7500 rpm
Maximum torque	363 Nm (267 lbs.ft.) at 5500 rpm
Cooling system	Pressurized, twin radiators, vertically mounted either side of engine, with cross-over connection
Ignition	Two coils and one Marelli distributor
Plugs	Bosch 235 P21
Electrical system	12 V
Alternator	70 Amp
Fuel system	Dual electric Bendix fuel pumps, 6 twin-choke Weber 45 DCOE 96/97 side draught carburetors
Fuel type	100 Octane
Fuel consumption	11 mpg
Lubrication	Wet sump

Drivetrain

Type	Lamborghini five-speed + reverse manual all-synchromesh driving to a Lamborghini limited-slip differential		
Clutch	Fichtel & Sachs dry-single plate, hydraulically operated		
	Disc diameter	241.3 mm (9.5 in)	
1st gear ratio	2.256:1	Maximum speed	64 Mph
2nd gear ratio	1.769:1	Maximum speed	81 Mph
3rd gear ratio	1.310:1	Maximum speed	108 Mph
4th gear ratio	0.990:1	Maximum speed	140 Mph
5th gear ratio	0.775:1	Maximum speed	180 Mph
Reverse gear ratio	2.134:1	Maximum speed	n.a.
Final drive ratio	4.091:1		

Performance

Top speed	292 Km/h (180 Mph)
0-100 Km/h	5.9 sec
0-200 Km/h	21.6 sec
0-100 Mph	14.4 sec
Standing Km	26.7 sec
¼ Mile	14.6 sec reaching a speed of 100.5 Mph
Capacities	
	Fuel 120 Lt in two tanks
	Engine oil 17.5 Lt
	Cooling system 17 Lt
	Luggage 240 Lt
Price	\$ 85,000 (MSRP in 1979) or Lire 45.500.000
Current value	\$ 33,900 - \$ 64,300 (based on sales in 2003)