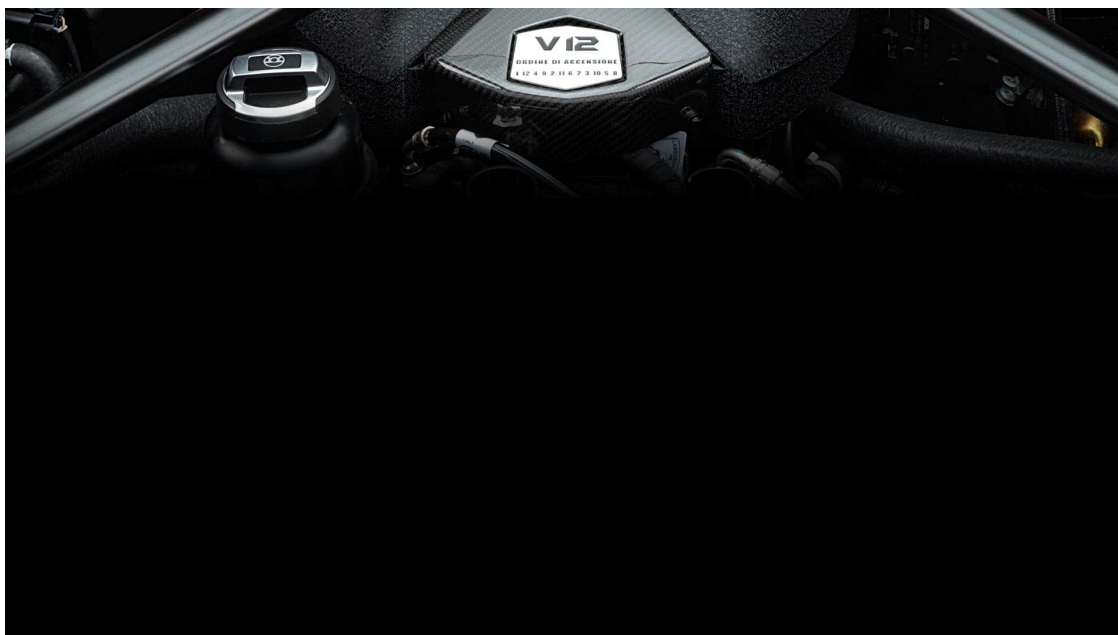


AVENTADOR LP 700-4

OVERVIEW TECHNICAL SPECIFICATIONS INNOVATION & TECHNOLOGY
EQUIPMENT ACCESSORIES GALLERY VIDEO



TECHNICAL SPECIFICATIONS

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

Mirrors:

External mirrors heated, electrically adjustable and foldable

Rear spoiler:

Movable - 3 positions depending on speed and drive select mode

SUSPENSION

Suspension:

Front and rear horizontal mono-tube damper with push-rod system

TYRES AND WHEELS

ESP:

ESP/ ABS with different ESP characteristics managed by drive select mode

Steering:

Steering Gear with 3 different servotronic characteristics managed by drive select mode

Front tires:

Pirelli 255/35 ZR19

Rear tires:

Pirelli 335/30 ZR20

Front wheels:

19" x 9J

Rear wheels:

20" x 12J

Curb-to-curb turning circle:

12.5 m (41.0 ft)

AIRBAGS

Airbags:

Front dual stage driver airbag and front adaptive passenger airbag; seats with side "head-thorax" airbags; passenger and driver knee airbags

BRAKES

Brakes:

Dual hydraulic circuit brake system with vacuum brake booster; front and rear CCB, 6-cylinder brake callipers, 4-cylinder brake callipers Ø 400x 38 mm – Ø 380 x 38 mm

ENGINE

Type:

V12, 60°, MPI

Displacement:

6,498 cm³ (396.5 cu.in.)

Bore and stroke:

Ø 95 mm x 76,4 mm

Valve gear:

Variable valve timing electronically controlled

Compression ratio:

11.8 (± 0.2) : 1

Maximum power:

700 CV (515 kW) @ 8,250 RPM

Maximum torque:

690 Nm (507 lbft) @ 5,500 RPM

Emission class:

EURO 6 – 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

DRIVETRAIN

Type of transmission:

4WD with Haldex generation IV

Gearbox:

7 speed ISR, shifting characteristic depending on drive select mode

Clutch:

Dry double plate clutch, Ø 235 mm

Standard:

AMT

PERFORMANCE

Top speed:

350 km/h (217 mph)

Acceleration 0-100 km/h (0-62 mph):

2.9 s

DIMENSIONS

Wheelbase:

2,700 mm (106.30 in)

Overall length:

4,780 mm (188.19 in)

Overall width (excluding mirrors):
2,030 mm (79.92 in)

Overall width (including mirrors):
2,265 mm (89.17 in)

Overall height:
1,136 mm (44.72 in)

Front track:
1,720 mm (67.72 in)

Rear track:
1,700 mm (66.93 in)

Dry weight:
1,575 kg (3,472 lb)

Weight/Power ratio:
2.25 kg/CV (4.96 lb/CV)

Weight distribution (front - rear):
43 % - 57 %

CAPACITIES

Fuel tank capacity:
90 l (23.8 gal.)

Engine oil capacity:
13 l (3.4 gal.)

Engine coolant capacity:
25 l (6.6 gal.)