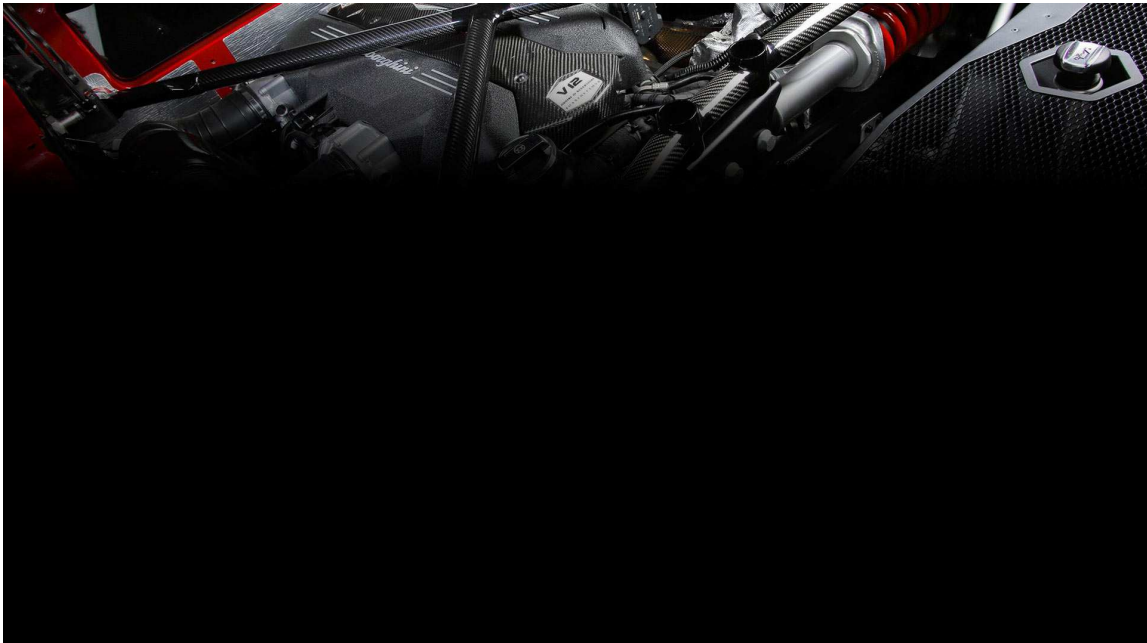




AVENTADOR LP 750-4 SUPERVELOCE

OVERVIEW TECHNICAL SPECIFICATIONS ACCESSORIES VIDEO



TECHNICAL SPECIFICATIONS

CHASSIS AND BODY

Frame:

Carbon fiber monocoque with aluminium front and rear frames

Body:

Carbon fiber engine bonnet, rear spoiler and side air inlets; Aluminium front bonnet, front fenders and doors; SMC superlight rear fender and rocker covers

Mirrors:

External mirrors heated, electrically adjustable and foldable

Rear spoiler:

Fixed spoiler in carbon fiber, manually adjustable with 3 position (high-mid-low downforce)

SUSPENSION

Suspension:

Front and rear horizontal magneto-rheological 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 coupled with Lamborghini Dynamic Steering (LDS), managed by drive select mode

Front tires:

Pirelli PZERO Corsa 255/30 ZR20

Rear tires:

Pirelli PZERO Corsa 355/25 ZR21

Front wheels:

9"JX20" H2 ET32.2

Rear wheels:

13"JX21" H2 ET 66.7

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

BRAKES

Brakes:

Dual hydraulic circuit brake system with vacuum brake booster; front and rear CCB, (6-cylinder brake calipers, 4-cylinder brake calipers); Ventilated discs (front – rear): Carbo-ceramic discs Ø 400 x 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 (3,74 in. X 3 in.)

Valve gear:

Variable valve timing electronically controlled

Compression ratio:

11.8 (± 0.2) : 1

Maximum power:

750 CV (552 kW) @ 8,400 RPM

Maximum torque:

690 Nm (507 lbft) @ 5,500 RPM

Engine speed, maximum:

8,500 RPM

Engine speed, idling:

850 RPM

Emission class:

EURO 6 - LEV 2

Emission control system:

Catalytic converters with lambda sensors

Cooling system:

Water and oil cross flow cooling system with fixed air inlets

Engine management system:

Lamborghini Iniezione Elettronica (LIE) with Ion current analysis

Lubrication system:

Dry sump

FUEL CONSUMPTION *

Urban cycle consumption:

24.7 l/100 km

Extra urban consumption:

10.7 l/100 km

Combined consumption:

16.0 l/100 km

CO₂ emission:

370 g/km

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 (9,25 in.)

Standard:

AMT

PERFORMANCE

Top speed:

>350 km/h (>217 mph)

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

2.8 s

Acceleration 0-200 km/h (0-124 mph):

8.6 s

Acceleration 0-300 km/h (0-186 mph):

24.0 s

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

30.0 m

DIMENSIONS

Wheelbase:

2,700 mm (106.30 in)

Overall length:

4,835 mm (190.35 in)

Overall width (excluding mirrors):

2,030 mm (79.92 in)

Overall height:

1,136 mm (44.72 in)

Front track:

1,720 mm (67.72 in)

Rear track:

1,680 mm (66.14 in)

Dry weight:

1,525 kg (3,362 lb)

Weight/Power ratio:

2.03 kg/CV (4.48 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.)

* In accordance with Dir. EC/1999/100