



## Aston Martin LMP1 - Lola - part 1



### Aston Martin Racing

developed their new LMP1 Le Mans Series cars in conjunction with Lola. For some time there was animosity between the two companies relating to the actual naming of the car. Lola were of the opinion that the car should rightly be called Lola Aston Martin while David Richardson thought of Lola as their outsourced contractor. The 6-liter V12 from the DBR9 GT1 racer squeezed into a Lola prototype chassis. The argument on this one could go on for ever as Lola has done the development for numerous other manufacturer and passed over naming rights.

The Lola-Aston Martin LMP1 was first shown and tested at the Paul Ricard Circuit in France on the 8th March 2009. Wearing Gulf Oil orange and blue and

sporting 007 & 009 numbers they looked everything a LeMans race car should. If it is not Red or British Racing Green it should be Gulf. Of course Audi would argue with that.

The 2009 Le Mans Series consisted of 5, 1000km races, at Catalunya, Spa, Algarve, the Nürburgring and the wrap up at Silverstone. And then of course there was Le Mans.

While Aston Martin was going for outright victory at Le Mans there was really never much hope against the Audi v Peugeot onslaught of diesel clockwork machinery. The Astons were the standouts of the standard fuel cars though and did fair well - results follow in part 2.

**Rod Halligan**

### Aston Martin LMP1

- DB9 V12
- Mid - Longitudinal
- Direct Injection Petrol
- 6000 cc      366 in<sup>3</sup>
- 485 kw      650 bhp
- 700 nm      516 ft lbs
- 108 bhp per litre
- 722 bhp per tonne
- 900 kg      1985 lbs
- 6-Speed Sequential



2009

Aston Martin

LMP1

British

Race Car

2009

Aston Martin

LMP1



**Lola - Aston Martin LMP1**

**Year** 2009  
**Built by** Lola Cars  
 Huntingdon, England

**ENGINE**

**Configuration** All alloy DB9 V12  
 Dry Sump  
**Layout** Mid Longitudinal  
**Valvetrain** 4 Valves per cylinder  
 DOHC  
**Fuel feed** Direct Fuel Injection  
**Fuel** Petrol  
**Displacement** 6000 cc 366.14 in<sup>3</sup>  
**Power** 484.7 kw 650 bhp  
**Torque** 700 nm 516.3 ft lbs  
**Redline** 7500

**BODY**

Unitary Carbon Fiber Monocoque  
 Steel Subframes  
**Weight** 900 kg 1985 lbs  
**Wheelbase** 2890 mm 113.8 in  
**Length** 4634 mm 182.4 in  
**Width** 1990 mm 78.3 in

**DRIVE**

**Rear Wheel Drive**  
**Transmission** 6-Speed Sequential  
**Clutch** Triple Plate Carbon Fiber

**SUSPENSION**

Double Wishbone w/Koni Adjustable Dampers  
 Adaptive Damping System (ADS)

**WHEELS / TYRES / BRAKES**

**Wheels** Forged Magnesium BBS  
**Brakes Fr** Ventilated Discs  
 6-Piston Brembo Calipers  
**Brakes Rr** Ventilated Discs  
 6-Piston Brembo Calipers  
**Wheels F** F 45.7 x 35cm 18 x 14 in  
**Wheels R** R 45.7 x 38cm 18 x 15 in  
**Steering** Rack & Pinion  
 Electrical Assist

**PERFORMANCE**

**Specific output** 108.33 bhp per litre  
**BHP/weight** 722.22 bhp per tonne

British

Race Car