



V8 DRIVING DYNAMICS



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Driving Dynamics

The Aston Martin V8 range of Vantage, Coupe and Volante offer owners one of the most exclusive motoring experiences in the world. Despite the high levels of performance available from the standard cars some customers still demand more – increased power, sharper handling and improved braking performance. In response to these requests our Special Projects Engineers in the Works Service Division have assembled a package of upgrades that can take your V8 Vantage, Coupe or Volante to a new level of performance and handling. Known as 'V8 Driving Dynamics' this package can be tailored to meet your particular needs by choosing from a menu of option packs.



Engine

Available for V8 Vantage only, performance engineering of the charge air intake cooling system unlocks even more power from the twin supercharged 5.3 litre V8 engine giving around a 10% increase in available power under certain driving conditions. In addition, subtle changes to the throttle mechanism lead to improved performance feel on the road.



Sports Exhaust System

A tuned stainless steel exhaust system with a more sporting sound is available for each V8 model. For V8 Vantage an even larger diameter Super Sport version is also available to further enhance engine performance.

Transmission

For V8 Vantage owners we can offer a conversion to five speed close ratio manual transmission, giving improved performance and driveability. In addition, changes to the gearshift linkage give improved precision and feel. For cars fitted with four speed automatic transmission an overdrive switch is incorporated into the gear knob to provide improved driver control over fourth gear selection. On the V8 Vantage model this is coupled to a change to the differential ratio.



Automatic transmission gear knob



Manual transmission gear knob

Brakes

A race derived system from AP Racing offers improved resistance to brake fade and a firmer, more progressive pedal. New disc assemblies



Front

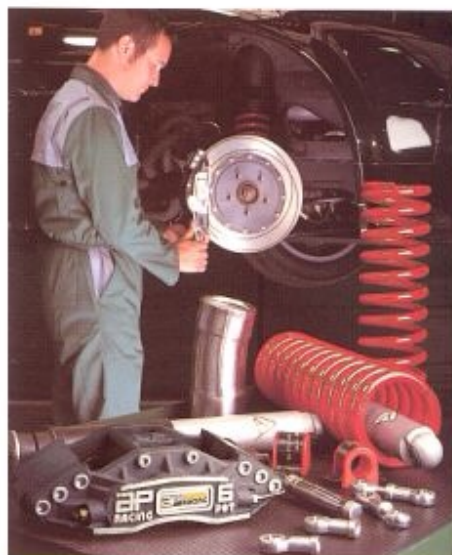


Rear

front and rear feature innovative circumferential cooling grooves that also enhance brake performance. Front calipers have six pistons and offer a 50% increase in brake pad area. The existing rear brake caliper is retained as a parkbrake and a new four piston brake caliper is fitted.

Suspension

To give enhanced body control when cornering and improved steering response the front and rear suspension systems are completely



reworked. This involves fitting stiffer Eibach road springs and Koni adjustable sports dampers, complemented by a stiffer anti-roll bar and revised bump stops. The reworked system offers a more sporting chassis without adversely degrading the ride quality.

Traction Control

This system operates by detecting slippage of the driven wheels and responds by reducing engine power supplied to the rear wheels until traction has been restored. A telltale light warns the driver that Traction Control is operating, and may be switched on and off by the driver as required dependent upon road and weather conditions.

Wheels

Hollow spoke magnesium alloy wheels from Dymag give a clear visual statement that your



Aston Martin is something special, their ultra lightweight construction contributing to improved steering feel and response as well as ride quality.

Tailoring Your Vehicle

The options described are available in a number of packs shown in the table opposite. All work is carried out at our Newport Pagnell based Works Service Division. After careful assessment we will make recommendations for any additional maintenance and then commence the upgrade to your car. The finishing touches can include a revised front grille housing the prestigious Works Prepared



badge and, for the V8 Vantage, subtle engine and body badging. For further information please contact The Works Service Reception

Team on the numbers shown overleaf.



V8 Driving Dynamics – Option Availability

Description	Pack 1	Pack 2	Pack 3	Pack 4	Pack 5	Pack 6	Pack 7
Engine (V8 Vantage only)	•	•					
Brakes	•	•	•	•			
Suspension	•	•	•	•			
Wheels	•		•				
Grille	•	•	•				
Transmission					•		
Sports exhaust						•	
Traction control							•

All items available post registration only.

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Text and photographs may relate to options not available for sale in some countries.

Performance results may vary depending on the specification of the particular vehicle, road and environmental conditions and driving style. Published figures should be used for comparison purposes only and verification should not be attempted on public roads. Aston Martin Lagonda Limited strongly urges that all speed laws be obeyed and that safety belts be worn at all times. Distributors and Dealers are not agents of

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