

Vantage GT4



ASTON MARTIN
RACING

2016 ASTON MARTIN VANTAGE GT4

The Aston Martin Vantage GT4 is the most popular GT4 car in the world. More than 100 cars have been made and are competing in race series across the globe.

For 2016 there have been two significant enhancements to the car. A new seven speed semi-automatic gearbox now comes as standard. It is the same gearbox used in the Vantage road car and offers faster gear shifts, activated by paddles on the steering wheel, as well as a greater spread of ratios.

The most visible change to the 2016 car is the fitment of the distinctive Vantage V12 road car bonnet. The additional vents not only aid cooling, but release under bonnet air pressure at high speed improving front end aerodynamics.



VANTAGE AT ITS CORE

Like the Vantage GT3 and Vantage GTE, the car's foundation is the acclaimed Vantage road car and it carries over the same chassis, V8 powertrain and drive train, including the semi-automatic sports shift system. The springs and dampers are upgraded to racing specification with stiffened front and rear anti-roll bars and spherical-jointed wishbones.

Safety is paramount on the Vantage GT4. The car has the same FIA-approved roll cage as found on the entire range of Aston Martin Racing cars, while the interior has been stripped with a centrally mounted bagged fuel tank which aids better weight distribution and comes with twin quick fill entries in the rear quarter-lights.

The car has an aerodynamic package including an adjustable carbon fibre rear wing which works in conjunction with a larger front splitter to increase downforce for greater dynamic performance.

With nearly 300 kg shaved off the weight of the car and with more than 400 bhp available the Vantage GT4 is the perfect entry to GT racing.



ASTON MARTIN VANTAGE GT4 TECHNICAL SPECIFICATION

ENGINE & TRANSMISSION

Aston Martin Racing 4.7 litre V8 engine
Weight-reduced rear silencer
Straight through tailpipes
FIA-approved bag type 115 litre centrally mounted fuel tank with twin fill
Seven-speed semi-auto transmission
Six-speed manual transmission*
Twin-plate cera-metallic clutch
Lightweight flywheel
Hot climate cooling
Endurance drive shaft

CHASSIS

FIA approved rollcage
Integral air jacks
Reduced weight wiring harness
Lightweight battery

BODY

Vantage V12 quick-release bonnet and tailgate
Polycarbonate side and rear windows
Side sills with exposed carbon fibre rib
Carbon fibre side strakes
Adjustable carbon fibre rear wing
Increased protrusion front splitter
Carbon fibre front dive planes

SUSPENSION

Double wishbone suspension adjustable for toe, caster and camber - front suspension modified for extra camber and castor
2-way adjustable Bilstein dampers
Stiffened front and rear anti-roll bars
Adjustable anti-roll bar drop links
Spherical joint suspension arms
Dome type wheel studs for quicker wheelchanges

INTERIOR

Recaro Pro Racer Hans competition seat
Scroth six-point safety harness
FIA compliant Lifeline extinguisher system
Lightweight door casings
Weight-reduced fascia, trimmed in Alcantara
Rapfix quick-release steering wheel
Safecraft seat nets with quick release
Ballast plate
Air conditioning system*

DATA SYSTEM

Cosworth ICD Pro full colour dash & data logger
Analogue sensor kit - ICD
Cosworth 10 channel pitwall beacon*
Cosworth PI Omega loom and pressure sensor*
PI Beacon transmitter 10 channel*

WHEELS

Magnesium 5-stud wheels
Dome type wheel studs
Front - 10" x 18" 265 x 650 R18
Rear - 11" x 18" 265 x 650 R18

BRAKES

Race spec 6 piston monobloc calipers for 25mm pads
Uprated two-piece front brake discs
Twin front brake cooling ducts
Bosch race-developed ABS and traction control
Race pedal box*

*Optional





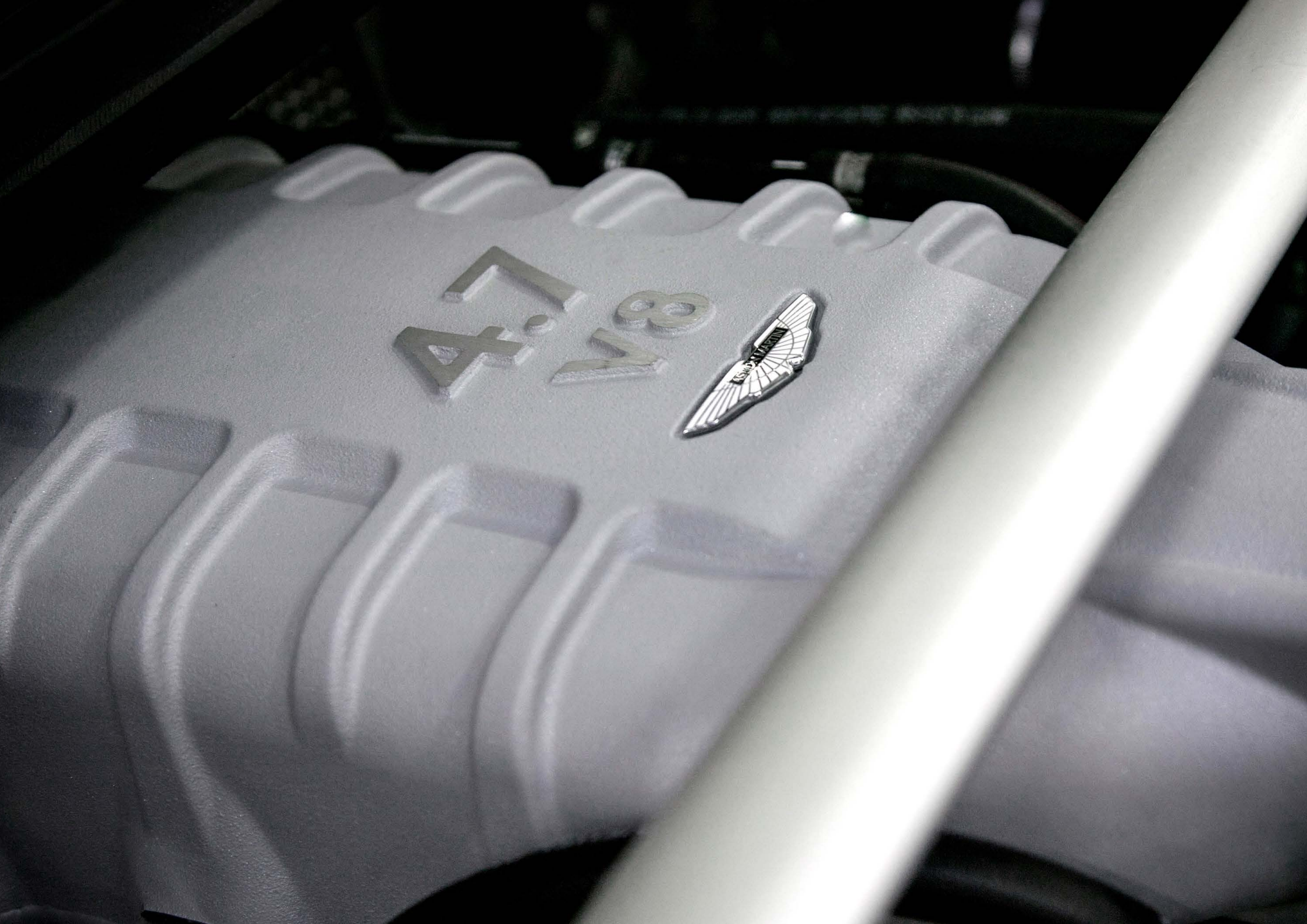
INTERNATIONAL SUCCESS

More than 100 Aston Martin Vantage GT4s have been made and race in international race series across the world.

In 2015 the car has already won the highly competitive British GT4 Championship with Beechdean AMR, while Academy Motorsport took the British GT4 teams' title.

In North America, TRG-AMR has won numerous events in this year's Pirelli World Challenge, while Mathol Racing have won their class with the Vantage GT4 in the VLN and Speedworks the SP3 class in the Creventic 24hr series.





AN ICONIC BRAND WITH UNRIVALLED HERITAGE

Competing in an Aston Martin Racing car is not only about driving one of the most highly engineered sports cars in the world, but is as much about being part of a global iconic brand with a motor racing heritage which stretches throughout the company's entire 100 years.

Aston Martin's international racing debut was at the 1922 French Grand Prix, but it was not until David Brown acquired the company in 1947, that a new era of racing was ushered in, with a series of high-powered DB-badged sports and racing cars. As well as winning the 1957 Belgian Grand Prix and 1958 Goodwood Tourist Trophy, the team clinched the Le Mans 24 Hours in 1959 with Roy Salvadori and Carroll Shelby. Following that famous victory, there was no factory Aston Martin presence for more than 40 years, when in 2004 Aston Martin and Prodrive formed Aston Martin Racing to lead the marque in a successful return to sports car racing, which continues today.

In 2007, Aston Martin Racing took a class win at Le Mans with the DBR9, just over two years after the car's winning debut at the 12 Hours of Sebring in 2005. The team followed this up in 2008 with a second successive GT1 class win, this time in the iconic colours of Gulf Oil.

In 2009 Aston Martin Racing developed its first LMP1 car, Aston Martin DBR1-2. The car won on its debut and went on to win the Le Mans Series title.

In 2012 Aston Martin Racing returned to production-car based sports car racing with the Vantage GTE and in 2013 secured its first FIA WEC title.

In 2014 Aston Martin Racing won its third Le Mans title and two further WEC titles.





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