



Vantage GT3

Vantage GT



ASTON MARTIN
RACING



ASTON MARTIN VANTAGE GT3 & GT

The Vantage GT3 and Vantage GT for the Grand Am series, have been designed from the ground up to offer customers the latest in race-car technology and embrace all the experience Aston Martin Racing has learnt from years of engineering and competing in international sports car racing with the DBR9, DBRS9 and the latest Vantage GTE.

The Vantage GT3 has a modified version of Aston Martin's production 6.0 litre V12 engine and its position has been optimised further to improve weight balance. Thanks to this built-in level of performance and the performance balancing in this class, the Vantage GT3 does not require expensive yearly upgrades to maintain its competitiveness.

A carbon fibre propshaft mates the engine to an Xtrac six-speed sequential transmission with semi-automatic paddle shift gear change.

Like all Aston Martin racing cars, the Vantage GT3 uses the Vantage road car's bonded aluminium chassis to create a light and stiff structure. This combined with a shorter wheelbase and lower engine position contribute to enhanced handling and performance. Driveability is enhanced further with the latest race-developed ABS and traction control systems, which are fitted as standard. As such, the gap between pro and am drivers is substantially reduced.

Most dramatic of all are the aerodynamics, which contribute to a muscular and purposeful stance, while maintaining the beauty of the V12 Vantage.

The Vantage GT3 is eligible for numerous race series around the world, including the ADAC GT Masters, Nürburgring VLN, Blancpain Endurance Series, British GT, Japanese Super GT, Malaysian Super Series, Asian Le Mans Series, European Le Mans Series, Brazilian Endurance Belcar, Pirelli World Challenge and Open GT among others.

A Vantage Super GT has also been developed for the International GT Open series.



The Vantage GT3 has quickly established itself as not only one of the most popular of the new breed

of GT3 cars, but also one of the most competitive.



VANTAGE GT3 SUCCESS IN ITS FIRST YEAR

In 2012 the Vantage GT3 and Super GT took two championship wins, 18 race wins and 30 podium finishes

in ADAC GT Masters, British GT, International GT Open, Japanese Super GT, Brazilian Endurance,

Britcar 24hr, Le Mans Festival and the Malaysian Super Series.

CHAMPIONSHIP	EVENT	TEAM	POSITION
ADAC GT Masters - GT3	Sachsenring	Young Driver AMR	1st
Britcar Silverstone 24Hr - GT3	Silverstone	MB Racing	1st
British GT Championship - GT3	Nurburgring	Beechdean AMR	1st
International GT Open - Super GT	Brands Hatch	Villois Racing	1st
International GT Open - Super GT	Paul Ricard	Villois Racing	1st
International GT Open - Super GT	Hungaroring	Villois Racing	1st
International GT Open - Super GT	Monza	Villois Racing	1st
International GT Open - Super GT	Barcelona	Villois Racing	1st
International GT Open - GT3	Barcelona	GPR Pino Racing	1st
Malaysian Super Series - GT3	Sepang	Craft Eurasia Racing	1st
Super GT - GT3	Suzuka	Triple A	1st
Super GT - GT3	Autopolis	Triple A	1st
Super GT - GT3	Fuji	Triple A	1st
Brasileiro De Endurance - GT3	Sao Paulo	Matthias Racing	1st
Brasileiro De Endurance - GT3	Santa Cruz	Matthias Racing	1st







RECARO

BYCENUS

ASTON MARTIN VANTAGE GT3 TECHNICAL SPECIFICATION

ENGINE

Lightweight 6 litre V12
Dry sump oil system
Engine repositioned to optimise weight distribution
Power >600 bhp
Torque >700 Nm

TRANSMISSION

Xtrac six speed sequential transmission
Racing clutch
Limited slip ramp/plate differential
Easily accessible drop gears
Semi-automatic paddle shift gear change
Carbon fibre propshaft

CHASSIS

Lightweight aluminium chassis
Steel roll cage to FIA safety standards
High speed pneumatic jack system
Low engine position

SUSPENSION

Double wishbone suspension with uniball bearings
Two-way adjustable dampers front & rear
Optimised geometry for lower race ride height

STEERING

Hydraulic power assisted steering
Quick release steering wheel

FUEL SYSTEM

114 litre fuel cell to FIA safety standards
Twin quick release couplings

BRAKES

Six pot front calipers
Ventilated front brake disc
Four pot rear caliper
Ventilated rear brake disc
Floor mounted pedal box
Manually adjustable front/rear brake bias
Race developed ABS and traction control

WHEELS

Front 12.5" x 18"
Rear 13" x 18"

TYRES

Front 30/68 - 18
Rear 31/71 - 18

COCKPIT

Six-point safety harness
Adjustable seat position
Lightweight battery
Carbon fibre dash
Fire extinguisher system
Driver display and shift lights

AERODYNAMICS

Front splitter
Adjustable full width carbon fibre rear wing
Aerodynamically optimised bumpers, side sills and rear fenders

BODY

Removable carbon-fibre body panels
Aluminium roof
Painted in Aston Martin Solid White as standard

WEIGHT

Dry weight 1250kg with near 50:50 weight distribution

ASTON MARTIN VANTAGE GT TECHNICAL SPECIFICATION

ENGINE

Lightweight 6 litre V12
Dry sump oil system
Engine repositioned to optimise weight distribution

TRANSMISSION

Xtrac six speed sequential transmission
Racing clutch
Limited slip ramp/plate differential
Easily accessible drop gears
Semi-automatic paddle shift gear change
Carbon fibre propshaft

CHASSIS

Lightweight aluminium chassis
Steel roll cage to Grand-Am specifications
High speed pneumatic jack system
Low engine position

SUSPENSION

Double wishbone suspension with uniball bearings
Two-way adjustable dampers front & rear
Optimised geometry for lower race ride height

STEERING

Hydraulic power assisted steering
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Removable carbon-fibre body panels
Aluminium roof
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International GT Open Super GT specification also available





SUPPORT SERVICES

ENGINEERING

An Aston Martin Racing engineer is available for each GT3 customer's first test or event in order to help the team and driver orientate themselves with the car from an engineering, maintenance, procedures and software perspective.

Based on each customer's race programme we will recommend a suitable engineer support package to give the right level of support at test sessions and race weekends with the main aim of helping our customers optimise the performance of their car.

PARTS & REBUILD

We provide dedicated sales support for all customer teams with the team providing telephone and email support for all parts and rebuild requirements.

Based on each customer's race programme we will recommend a suitable spares package to ensure your team can support its racing programme.

MARKETING

We promote the success of our customers through our global marketing support programme. News is published on Aston Martin Racing's website, Aston Martin and Aston Martin Racing's social outlets, including Facebook, which has nearly two million followers, and where appropriate to the global motorsport and motoring press. We can also help you market your old car to our extensive customer base.



ASTON MARTIN RACING AWARDS

All competitors in Aston Martin racing cars across the world are automatically entered into the Aston Martin Racing Global Challenge. A unique scoring system allows drivers and teams to compete against each other, even though they may never compete in the same series or even in the same type of car.

The annual awards ceremony is held at Aston Martin's global headquarters in the UK.

The team results for 2012 are shown in the table to the right.

1	Mathol Racing	507
2	Veloso Motorsport	316
3	Stratton Motorsport	313
4	Villois Racing	259
5	DDG Motorsport	231
6	Hamburg Racing	220
7	MB Racing	213
8	GPR Racing	186
9	M2 Competicoes	161
10	Nimkoff Racing	128



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.

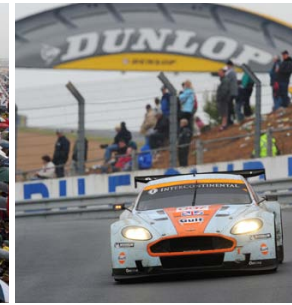
As well as winning the 1957 Belgian Grand Prix and 1958 Goodwood Tourist Trophy, the team clinched the Le Mans 24 Hours in 1959 with Roy Salvadori and Carroll Shelby. Following that famous victory, there was no factory Aston Martin presence for more than 40 years, when in 2004 Aston Martin and Prodrive 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 2013 Aston Martin celebrates its centenary; 100 years of creating some of the world's most loved and cherished cars. Aston Martin Racing is competing in the World Endurance Championship and at Le Mans with a four car entry; the largest in the marque's history.





CONTACT

To find out more about the race winning Vantage GT3 and Vantage GT and to discuss your race programme, please contact:

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