TECHNICAL SPECIFICATION

• Obsidian black full-grain leather interior,
• Apple iPod
• Coarse stitching (available in black,
• Armrest embroidered with Nürburgring
• Alcantara headlining (available in black
• Graphite interior fittings
• 10-way electrically adjustable seats
• Memory seats (three positions)
• Heated seats
• Battery Disconnect Switch (BDS)
• Dual-stage driver and passenger airbags
• Side airbags
• Alarm and immobiliser
• Cruise control
• Colour satellite navigation system
• Tracking device (UK only)
• Aston Martin 700 W Premium Audio System

In Car Entertainment

• with perforated leather seat inserts
• red, tan or silver)
• or tailor's grey)
• with Traffic Messaging Channel (TMC)
• with Dolby® Pro Logic II®
• and USB MP3 input

CO2 emissions

• manual
• 360 g/km
• Combined
• Urban
• Highway
• 358 g/km
• Combined
• Urban
• Highway
• 22.5 (12.6)
• 15.0 (18.8)
• mpg

Gas mileage (North America only)

• Sportshift*
• 360 g/km
• Combined
• Urban
• Highway
• 21
• 15

Transmission

• Final drive ratio 3.909:1
• Limited-slip differential
• Alloy torque tube with carbon-fibre propellor shaft
• Rear mid-mounted, six-speed manual gearbox

Maximum speed

• 420 Nm (309 lb ft) at 5000 rpm
• Maximum torque
• Maximum power

Engine

• 32-valve, 4.3-litre V8
• Fully catalysed stainless-steel exhaust
• Dry sump lubrication system
• Variable inlet camshaft timing
• Valved airbox system
• All-alloy quad overhead camshaft

Body

• Magnum silver rear diffuser blade
• Magnum silver side strake, bonnet
• Powerfold exterior mirrors
• Bright finish grille
• Extruded aluminium side-impact bars
• Aluminium alloy, steel, composite,
• Bonded aluminium structure
• Two-seat, two-door coupe or convertible

Dimensions

• Width
• Length
• Height
• Wheelbase
• Fuel tank capacity
• Weight

Rear

• Independent double aluminium wishbones
• Rear monotube dampers and anti-roll bar
• incorporating longitudinal control arms, coil over
• aluminium monotube dampers and anti-roll bar
• incorporating anti-dive geometry, coil over aluminium
• Rear
• 235/40 ZR19
• Bridgestone Potenza Tyres
• Front
• 9.5J x 19"
• Rear
• 80 litres
• (17.6 Imp gal, 21.2 US gal)

Steering

• Rack and pinion power-assisted steering
• 9.5J x 19"
• Rear
• 2025 mm (80") including door mirrors
• Steering

Options

• Sportshift*
• Final drive ratio 3.909:1
• Limited-slip differential
• Sportshift*
• Rear mid-mounted, six-speed manual gearbox

Acceleration

• 420 Nm (309 lb ft) at 5000 rpm
• Maximum torque
• Maximum power

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verification should not be attempted on public roads. Aston Martin Lagonda Limited strongly urges that all speed laws be obeyed and that seat belts be worn at all times. Distributors and

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

vehicle. The contents of this brochure represent the company's business as a whole. Text and photographs may relate to models not available for sale in some countries. Performance results
The Nürburgring Nordschleife is not only steeped in motorsport history but also regarded as the world’s toughest test track. With 73 corners, a 300-metre change in elevation, steep gradients and notoriously fickle weather, it allows Aston Martin engineers to push their high-performance cars to the limits of both dynamics and durability.

Aston Martin develops and tests all of its road cars extensively on the 14-mile Nordschleife. Well before reaching the showrooms, prototype V8 Vantages have completed many hundreds of laps. Few road cars can claim to have spent more time pounding around this brutal circuit – that’s why so many of the engineers still refer to the Nürburgring as the V8 Vantage’s ‘spiritual home’.

And today the Nordschleife continues to play a major role in the car’s ongoing development programme. Maximising the V8 Vantage’s pedigree, Aston Martin entered a near-production version of the car into the 2006 Nürburgring 24 Rennen, an annual 24-hour race set on the gruelling Nordschleife. Despite the rigours of a race that saw 79 of the original 220 starters either crash or retire through mechanical failures, the V8 Vantage N24 never missed a beat and finished a remarkable fourth in class. It was an achievement that immediately passed into Aston Martin folklore and heralded an exciting new chapter in the company’s illustrious road-based racing history.

The V8 Vantage N24 also features a number of technical upgrades and enhancements compared to the standard production V8 Vantage. A new engine management system has been introduced, along with a more potent version of Aston Martin’s 4.3-litre V8 engine, raising peak power to 400 bhp and peak torque to 420 Nm. The car is equipped with new sports suspension consisting of up-rated springs and dampers, and rear anti-roll bar for the Coupe. The V8 Vantage N400 also features lightweight forged alloy wheels with a graphite and diamond turned finish, and a special suspension system with race-inspired setting.

The V8 Vantage N400 includes a number of technical upgrades as well as enhancements to the car’s standard range of colour and trim specifications. These include a more potent version of Aston Martin’s 4.3-litre V8 engine, raising peak power to 400 bhp and peak torque to 420 Nm. The car is equipped with new sports suspension consisting of up-rated springs and dampers, and rear anti-roll bar for the Coupe. The V8 Vantage N400 also features lightweight forged alloy wheels with a graphite and diamond turned finish, and a special suspension system with race-inspired setting.

Available in either Coupe or Roadster body styles and with either a six-speed manual or Sportshift* automated manual transmission, V8 Vantage N400 includes a full complement of standard equipment including a satellite navigation system, Aston Martin 700 W Premium Audio System, Bluetooth telephone preparation, and HID headlamps. The special edition Aston Martin V8 Vantage N400 commemorates Aston Martin’s achievements at the legendary Nürburgring where, for the past two years, the company has enjoyed considerable success in the annual Nürburgring 24-hour race with the V8 Vantage N24 production race car. The race-bred Vantage N400 includes a number of technical upgrades as well as enhancements to the car’s standard range of colour and trim specifications. These include a more potent version of Aston Martin’s 4.3-litre V8 engine, raising peak power to 400 bhp and peak torque to 420 Nm. The car is equipped with new sports suspension consisting of up-rated springs and dampers, and rear anti-roll bar for the Coupe. The V8 Vantage N400 also features lightweight forged alloy wheels with a graphite and diamond turned finish, and a special suspension system with race-inspired setting.

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In Car Entertainment

- Apple iPod® and USB MP3 input
- Six-CD autochanger
- Aston Martin 700 W Premium Audio System
- Tracking device (UK only)
- Bluetooth telephone preparation
- Cruise control
- Tyre-pressure monitoring
- Dual-stage driver and passenger airbags
- Trip computer
- Heated rear screen
- Automatic temperature control
- Heated seats
- 10-way electrically adjustable seats
- Graphite interior fittings
- Alcantara headlining (available in black
- Armrest embroidered with Nürburgring
- Numbered N400 Limited Edition sill plaque
- Coarse stitching (available in black,
- Obsidian black full-grain leather interior,

Interior with Dolby® Pro Logic II®

CO2 emissions

|                  | Manual | Sportshift*
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel consumption</td>
<td>Highway</td>
<td>City</td>
</tr>
<tr>
<td></td>
<td>15/23.2</td>
<td>14/22.5</td>
</tr>
<tr>
<td></td>
<td>10.4 (27.2)</td>
<td>10.6 (26.6)</td>
</tr>
</tbody>
</table>

Acceleration

<table>
<thead>
<tr>
<th></th>
<th>0-100 km/h (62 mph)</th>
<th>Maximum torque</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4.95 seconds</td>
<td>298 kW (400 bhp/405 PS)</td>
</tr>
<tr>
<td></td>
<td>285 km/h (177 mph)</td>
<td></td>
</tr>
</tbody>
</table>

Brakes

<table>
<thead>
<tr>
<th></th>
<th>Front</th>
<th>Rear</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Ventilated and grooved steel discs</td>
<td>Ventilated and grooved steel discs</td>
</tr>
<tr>
<td></td>
<td>330 mm diameter</td>
<td>355 mm diameter</td>
</tr>
<tr>
<td></td>
<td>Radial-mounted four-piston monobloc calipers</td>
<td>Radial-mounted four-piston monobloc calipers</td>
</tr>
</tbody>
</table>

Wheels

<table>
<thead>
<tr>
<th></th>
<th>Front</th>
<th>Rear</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Bridgestone Potenza Tyres</td>
<td>Bridgestone Potenza Tyres</td>
</tr>
<tr>
<td></td>
<td>9.5J x 19&quot;</td>
<td>9.5J x 19&quot;</td>
</tr>
</tbody>
</table>

Body

- Dynamic Stability Control (DSC), Traction Control, Anti-lock Braking System (ABS), Electronic Brakeforce Distribution (EBD), Emergency Brake Assist (EBA), Positive Torque Control (PTC)
- Bonded aluminium structure
- Extruded aluminium side-impact bars
- Aluminium alloy, steel, composite,
- Aluminium monotube dampers and anti-roll bar incorporating longitudinal control arms, coil over aluminium
- Rear
- Ventilated and grooved steel discs
- Magnesium alloy body
- Front
- Ventilated and grooved steel discs

Steering

- Column reach and tilt adjust
- Rack and pinion power-assisted steering
- Powerfold exterior mirrors
- LED rear lamps with clear lenses
- Bright finish grille
- High Intensity Discharge (HID) headlamps
- Magnum silver rear diffuser blade
- Magnum silver side strake, bonnet
- LED rear lamp inserts and lower front bumper meshes
- Bonded aluminium structure

Brakes

- Radial-mounted four-piston monobloc calipers
- 330 mm diameter
- Rear
- Ventilated and grooved steel discs
- 355 mm diameter
- Front
- Ventilated and grooved steel discs
- 330 mm diameter
- Rear
- Ventilated and grooved steel discs
- 355 mm diameter

Engine

- Fully catalysed stainless-steel exhaust
- Variable inlet camshaft timing
- Valved airbox system
- All-alloy quad overhead camshaft
- Dry sump lubrication system
- Magnum silver rear diffuser blade
- Magnum silver side strake, bonnet
- Powerfold exterior mirrors
- LED rear lamps with clear lenses
- Bright finish grille
- High Intensity Discharge (HID) headlamps
- Extruded aluminium side-impact bars
- Aluminium alloy, steel, composite,
- Bonded aluminium structure
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- Bonded aluminium structure
- Extruded aluminium side-impact bars
- Aluminium alloy, steel, composite,
SPECIFICATION

• Apple iPod® and USB MP3 input
• Six-CD autochanger
• Tracking device (UK only)
• Colour satellite navigation system
• Alarm and immobiliser
• Side airbags
• Dual-stage driver and passenger airbags
• Trip computer
• Battery Disconnect Switch (BDS)
• Reversing sensors
• Automatic temperature control
• Heated seats
• Memory seats (three positions)
• Graphite interior fittings
• Micro-spin alloy facia
• Alcantara headlining (available in black, red, tan or silver)
• Armrest embroidered with Nürburgring
• Coarse stitching (available in black, Obsidian black full-grain leather interior, with Traffi c Messaging Channel (TMC)

CO2 emissions
• Sportshift*

Fuel consumption
• Sportshift*

Gas mileage (North America only)
• Sportshift*

TECHNICAL

• Final drive ratio 3.909:1
• Limited-slip differential
• Alloy torque tube with carbon-fibre propellor shaft
• Rear mid-mounted, six-speed manual gearbox

Transmission

Maximum speed
• Front mid-mounted engine, rear-wheel drive
• Fully catalysed stainless-steel exhaust
• Dry sump lubrication system
• Valved airbox system
• All-alloy quad overhead camshaft

Engine

Dimensions
• Magnum silver rear diffuser blade
• Powerfold exterior mirrors
• Bright finish grille
• High Intensity Discharge (HID) headlamps
• Bonded aluminium structure
• Two-seat, two-door coupe or convertible

Body

Suspension
• Dynamic Stability Control (DSC), Traction Control, Anti-lock Braking System (ABS), Electronic Brakeforce Distribution (EBD), Emergency Brake Assist (EBA), Positive Torque Control (PTC)

Braking
• Front brake discs
• Rear brake discs
• Brake caliper finish

Wheels
• Front Bridgestone Potenza Tyres

Steering
• Column reach and tilt adjust
• Rack and pinion power-assisted steering

Dimensions
• Wheelbase
• Length
• Width
• Height
• Height including door mirrors
• Wheelbase
• Length
• Width
• Height

Performance

Maximum power: 298 kW (400 bhp/405 PS)
Maximum torque: 490 Nm
Maximum speed: 298 km/h
Acceleration: 0-60 mph in 4.85 seconds

Interior

• tinted glass sunroof
• garage door opener (standard in the USA, not available in all markets)

Exterior

• Low profile tyres (not available in all markets)

Safety

• Electronic Stability Programme (ESP)
• Front and rear seatbelt pre-tensioners
• Front head/curtain airbags
• Side impact airbags

Options

• Smoker’s pack
• Alarm upgrade (volumetric and tilt sensors)
• Tracking device (standard in the UK, not available in all markets)

Accessories

• Alternative brake caliper finish (black, red, silver)

Future

• 2009 V8 VANTAGE N400
Set in the Eifel mountains, the epic Nürburgring Nordschleife is not only steeped in motorsport history but also regarded as the world's toughest test track. With 73 corners, a 300-metre change in elevation, steep gradients and notoriously fickle weather, it allows Aston Martin engineers to push their high-performance cars to the limits of both dynamics and durability.

Aston Martin develops and tests all of its road cars extensively on the 14-mile Nordschleife. Well before reaching the showrooms, prototype V8 Vantages have completed many hundreds of laps. Few road cars can claim to have spent more time pounding around this brutal circuit – that's why so many of the engineers still refer to the Nürburgring as the V8 Vantage's 'spiritual home'.

And today the Nordschleife continues to play a major role in the car's ongoing development programme. Maximising the V8 Vantage's pedigree, Aston Martin entered a near-production version of the car into the 2006 Nürburgring 24 Rennen, an annual 24-hour race set on the gruelling Nordschleife.

Despite the rigours of a race that saw 79 of the original 220 starters either crash or retire through mechanical failures, the V8 Vantage N24 never missed a beat and finished a remarkable fourth in class. It was an achievement that immediately passed into Aston Martin folklore and heralded an exciting new chapter in the company's illustrious road-based racing history. The team enjoyed further success in 2007, this time fielding a two-car entry featuring a new N24 model equipped with Sportshift* transmission.

The V8 Vantage N400 also features a number of exterior design changes, including a distinctive new sill design as well as rear lamp trims and mesh grilles finished in Magnum silver. Interior enhancements include a unique micro-spin alloy facia while the steering wheel is now paddle-shifted, allowing the driver to control the car's settings with one hand. Available as either Coupe or Roadster body styles and with either a six-speed manual or Sportshift* automated manual transmission. V8 Vantage N400 includes a full complement of standard equipment including a satellite navigation system, Aston Martin 700 W Premium Audio System, Bluetooth telephone preparation, and HID headlamps.

The special edition Aston Martin V8 Vantage N400 commemorates Aston Martin's achievements at the legendary Nürburgring where, for the past two years, the company has enjoyed considerable success in the annual Nürburgring 24 Rennen 24-hour race with the V8 Vantage N24 production race car. The race-bred Vantage N400 includes a number of technical upgrades as well as enhancements to the car's standard range of colour and trim specifications. These include a more potent version of Aston Martin's 4.3-litre V8 engine, raising peak power to 400 bhp and peak torque to 420 Nm. The car is equipped with new sports suspension consisting of up-rated springs and dampers, and rear anti-roll bar for the Coupe. The V8 Vantage N400 also features lightweight forged alloy wheels with a graphite and diamond turned finish. This combination delivers greater agility and more responsive handling for the enthusiastic driver.
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The V8 Vantage N400 also features a number of exterior design changes, including a distinctive new sill design as well as rear lamp trims and mesh grilles finished in Magnum silver. Interior enhancements include a unique micro-spin alloy facia while the black leather trim incorporates new perforated seat inserts. Selected coarse stitching colours complement the three new exterior paint colours of Bergwerk Black, Lightning Silver and Karussell Orange. Additionally, each V8 Vantage N400 features a unique numbered Limited Edition sill plaque.

Available in either Coupe or Roadster body styles and with either a six-speed manual or Sportshift automated manual transmission. V8 Vantage N400 includes a full complement of standard equipment including a satellite navigation system, Aston Martin 700 W Premium Audio System, Bluetooth telephone preparation, and HID headlamps. The special edition Aston Martin V8 Vantage N400 commemorates Aston Martin's achievements at the legendary Nürburgring where, for the past two years, the company has enjoyed considerable success in the annual Nürburgring 24 Rennen 24-hour race with the V8 Vantage N24 production race car.

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This combination delivers greater agility and more responsive handling for the enthusiastic driver.
**SPECIFICATION**

- Six-CD autochanger
- Obsidian black full-grain leather interior, coarse stitching (available in black, red, silver)
- Armrest embroidered with Nürburgring circuit diagram or tailor's grey (not available in all markets)
- Alcantara headlining (available in black, red, silver)
- Graphite interior fittings
- 10-way electrically adjustable seats
- Memory seats (three positions)
- Heated seats
- Automatic temperature control
- Heated rear screen
- Reversing sensors
- Trip computer
- Dual-stage driver and passenger airbags
- Tyre-pressure monitoring
- Cruise control
- Bluetooth telephone preparation
- Colour satellite navigation system
- Tracking device (UK only)
- Aston Martin 700 W Premium Audio System with perforated leather seat inserts (not available in all markets)

**TECHNICAL**

- Sportshift* trademark used under licence from Prodrive (Holdings) Ltd
- Final drive ratio 3.909:1
- Limited-slip differential
- Alloy torque tube with carbon-fibre propellor shaft
- Rear mid-mounted, six-speed manual gearbox
- Transmission 0-100 km/h (62 mph) in 4.95 seconds
- Maximum torque at 7300 rpm
- Maximum power 298 kW (400 bhp/405 PS)
- Front mid-mounted engine, rear-wheel drive
- Dry sump lubrication system
- Variable inlet camshaft timing
- Valved airbox system
- All-alloy quad overhead camshaft
- Magnum silver rear diffuser blade
- Magnum silver side strake, bonnet
- LED rear lamps with clear lenses
- Bright finish grille
- High Intensity Discharge (HID) headlamps
- Extruded aluminium side-impact bars
- Bonded aluminium structure
- Two-seat, two-door coupe or convertible
- Dimensions
  - Wheelbase: 2600 mm (102.5”)
  - Length: 4380 mm (172.5”)
  - Width: 1865 mm (73.5”) excluding door mirrors
  - Height: 1630 mm (64.2”)
  - Weight: 1625 kg (3595 lb)
  - Fuel tank capacity: 80 litres
  - Aerodynamic drag coefficient, Cd: 0.32
- Combined fuel consumption: 10.6 (26.6) Litres/100 km (mpg)
- Combined CO2 emissions: 285 g/km

**ACCELERATION**

- 0-60 mph (96.6 km/h) in 4.65 seconds
- 0-100 km/h (62 mph) in 4.95 seconds
- 0-120 mph (193.1 km/h) in 10.7 seconds
- 0-160 mph (257.5 km/h) in 19.5 seconds
- 0-200 km/h (124.3 mph) in 26.5 seconds
- 0-300 km/h (186.4 mph) in 40.0 seconds
- Top speed: 285 km/h (177 mph)

**WHEELS**

- Front: 235/40 ZR19 9.5J x 19”
- Rear: 275/35 ZR19 8.5J x 19”

**STEERING**

- Rack and pinion power-assisted steering
- Column reach and tilt adjust
- Rack and pinion power-assisted steering

**BRIDGES**

- Front: Ventilated and grooved steel discs
- Rear: Ventilated and grooved steel discs
- Front: 355 mm diameter
- Rear: 355 mm diameter

**WEIGHT**

- 1625 kg (3595 lb)

**DIMENSIONS**

- 2025 mm (80”) including door mirrors

**FUEL**

- 360 g/km Sportshift*
- 358 g/km manual (not available in all markets)

**VERIFICATION**

- Verification should not be attempted on public roads. Aston Martin Lagonda Limited strongly urges that all speed laws be obeyed and that seat belts be worn at all times. Distributors and 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 vehicle. The contents of this brochure represent the company's business as a whole. Text and photographs may relate to models not available for sale in some countries. Performance results every effort is made to produce up-to-date literature, this brochure should not be regarded as an infallible guide to current specifications, nor does it constitute an offer for sale of any particular

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**V8 VANTAGE N400**