



ASTON MARTIN

DB11 AMR - Technical Specification

Body:

Cast magnesium door structures
Curlicue aero feature in front fender
Deployable spoiler with Aston Martin Aeroblade™ system
Extruded bonded aluminium body structure including Hot Form Quenched (HFQ) aluminium
LED headlamps with integrated daytime running, side lights and cornering lights
LED light blade taillamps
One-piece clamshell with soft-close latches
Two door body style with decklid and 2 GT seats

Engine:

All-Alloy Quad Overhead Camshaft, 48-valve, 5.2-litre Twin-Turbo, V12
Compression ratio 9.3:1
Cylinder Deactivation
Dual Variable Camshaft Timing
Electronically controlled exhaust
Engine stop/start
Front mid-mounted engine, rear-wheel drive
Fully catalysed stainless-steel exhaust system with cross pipes
Fully CNC machined combustion chambers
Knock-sensing
Water-to-Air Charge Cooling

Performance

Maximum Engine Speed – 7200rpm
Maximum Power: 470kW (630 bhp / 639 PS) at 6500 rpm
Maximum Speed: 208 mph (334 km/h)
Maximum Torque: 700 Nm (516 lb ft) from 1500 rpm
Acceleration: 0-62 mph (0-100 km/h) in 3.7 seconds
Acceleration: 0-60 mph in 3.5 seconds

European Fuel Economy Figures

| | | | | |
|-------------|------|-------|--------------------|---------|
| Urban | 17 | mpg | 16.6 | l/100km |
| Extra Urban | 33.2 | mpg | 8.5 | l/100km |
| Combined | 24.8 | mpg | 11.4 | l/100km |
| CO2 | 265 | g/km* | *(NEDC test cycle) | |

US Fuel Economy Figures

| | | |
|----------|-----|--------|
| City | 15 | US mpg |
| Highway | 21 | US mpg |
| Combined | 17 | US mpg |
| CO2 (US) | 386 | g/km |

Transmission:

Rear mid-mounted eight speed automatic gearbox with electronic shift-by-wire control system
Alloy torque tube with carbon fibre propeller shaft



ASTON MARTIN

Limited-slip differential
Final Drive Ratio 2.703:1
Launch Control

Steering:

Electric Power Assisted Steering rack with 13:1 steering ratio
Speed-dependent rack and pinion power-assisted steering, 2.4 turns lock-to-lock
Electric Column tilt and reach adjustment

Suspension:

Front Independent double wishbone, coil springs, anti-roll bar and adaptive dampers
Rear Multi-Link, coil springs, anti-roll bar and adaptive dampers
Adaptive Damping System (ADS) with Skyhook technology modes GT, Sport & Sport +

Wheels and Tyres

20" Forged AMR Silver Non-Diamond Turned alloy wheels
Front 9J x 20" Bridgestone S007 255/40 ZR20
Rear 11.0J x 20" Bridgestone S007 295/35 ZR20

Brakes:

Front Ventilated two-piece steel brake discs Ø400 X 36mm with six piston calipers
Rear Ventilated Co-cast steel brake discs Ø360 x 32mm with four piston calipers
Electric park brake
Dynamic Stability Control (DSC)
Antilock braking system (ABS)
Electronic Brakeforce Distribution (EBD)
Emergency Brake Assist (EBA)
Traction Control (TC)
Hydraulic Brake Assist (HBA)
Positive Torque Control (PTC)
Dynamic Torque Vectoring (DTV)

| | |
|----------------------------|--|
| Dimensions | |
| Length: | 4750mm (including number plate plinth) |
| Width: | 1950mm (excluding door mirrors) |
| | 2060mm (including door mirrors) |
| Height: | 1290mm – Coupe |
| Wheelbase: | 2805mm |
| Fuel tank capacity: | 78 litres (17.2 Imp. Gal. /20.5 US Gal) |
| Weight - V12: | 1765 (Published Dry Kerb Weight) - 1870 kg (EU Kerb Weight) - 1875 kg (US Kerb Weight) |
| Weight Distribution - V12: | 51% / 49% (Front / Rear) |

Standard Specification:

2+2 Seating configuration
20" Forged AMR Silver Non-Diamond Turned alloy wheels
360° surround view parking cameras (includes front & rear cameras)



ASTON MARTIN

Alarm and immobiliser
Alcantara Headlining
Aston Martin script badging on rear decklid
Automatic temperature control with dual zone climate control
Caithness leather in Obsidian Black or Lords Red
Carbon Bonnet Blades with Black Meshes
Carbon Side Strakes and Dark Tailpipe finishers
Cruise control & Speed limiter
Curtain side head airbags
Dark Anodised Brake Calipers
Dark Front Grille
Dark Headlamp Bezels
Door Sill Plaques with AMR logo
Dual stage driver and passenger front airbags
Electrically operated front seats with side airbags
Electronic Instrument Cluster with mode specific displays
Fine stitching matched to leather colour
Front and rear parking sensors
Full-grain Leather interior
Gloss Black Roof Panel
Gloss Black Roof Strake
Gloss Black Splitter, Diffuser and Sills
Headrest Embossing with AMR logo
Heated front seats
Heated rear screen
Keyless entry and go
Knee airbags
Laminated windscreen with clear noise insulation layer
Memory front seats and exterior mirrors (three memory positions)
Pelvis and Thorax seat mounted airbags
Power fold exterior heated mirrors
Powered Stowage
Primary Category Paint
Q Satin 2x2 Twill Carbon Fibre Trim Inlays
Remote-control central door locking and boot release
Satin Dark Chrome Jewellery Pack
Seat belt dual pretensioners and digressive load limiters
Smoked Rear Lights
Unique Monotone Leather and Alcantara Interior Environment
Sports Steering Wheel in Obsidian Black full leather
Trip computer
Tyre pressure monitoring
Warm Charcoal Seatbelts

In Car Entertainment

8.0" Central LCD Infotainment screen
A2DP Bluetooth® audio and phone streaming
AM/FM radio
Aston Martin audio system



ASTON MARTIN

Infotainment system with capacitive switching

iPod® and iPhone® Integration and USB playback.

Satellite Navigation system

Satellite radio system (USA only)

Options:

Interior

Colour keyed boot carpet

Embroidered Headrest AMR logo in Galena Silver Thread

Floor mats

Heavy pile floor mats

Personalised sill plaques

Sports Steering wheel - Colour keyed

Sports Steering wheel - Leather and Pure Black Alcantara

Sports Steering wheel - Q 2x2 Twill Carbon Fibre and Pure Black Alcantara

Interior Leather

Balmoral leather

Brogue detailing

Caithness leather

Celestial seat perforation

Contrast stitch colours

Duotone leather environments

Full Leather Headlining

Full Leather Headlining with trim detailing matched-to seats

Free selection from the AML colour palette

Lime Leather Contrast Seat Centre Strap and Headrest Welt

Nexus seat quilting

Ventilated seats

Interior Trim Inlays

Dyed Tamo Ash Open Pore

Light Ash Open Pore

Piano Black

Satin Chopped Carbon Fibre

Seat-Back Trim Inlays (matched-to front trim inlay)

Dyed Tamo Ash Open Pore

Light Ash Open Pore

Piano Black

Q Satin 2x2 Twill Carbon Fibre

Satin Chopped Carbon Fibre

Interior Jewellery Packs

Satin Silver

Seatbelt Colour

Champagne



ASTON MARTIN

Flint
Graphite
Mocha
Spicy red

In Car Entertainment
Aston Martin Premium Audio
Bang & Olufsen BeoSound Audio

Interior Functional and Technology
Aston Martin Tracking
Auto Park Assist
Blind Spot Warning
First Aid Kit
Front Seat ISOfix
Garage Door Opener (market dependent)
Heated GT Style Steering Wheel
Powered Seat Bolsters
Premium Smokers Pack
Touch Control (Touch pad for Infotainment operation)
Umbrella and holder (fitted in boot)

Exterior

Body Coloured Roof Panel
Body Coloured Roof Strake
Bright Bonnet Blades and Meshes
Bright Front Grill and Tailpipe finishers
Contemporary AML paint palette
Gloss Black Bonnet Blades and Black Meshes
Gloss Black Mirror Caps
Gloss Black Side Strakes
Machined Carbon Wings Badges
Q Gloss 2x2 Twill Carbon Fibre Mirror Caps
Q Gloss 2x2 Twill Carbon Fibre Roof Panel
Q Gloss 2x2 Twill Carbon Fibre Roof Strake
Q Gloss 2x2 Twill Carbon Fibre splitter, diffuser and sills
Red Rear Lights
Stirling Green with AMR Lime Graphics (Limited edition only)
Special AML paint palette

Wheels
20" Forged Gloss Black Non-Diamond Turned
20" Forged Textured Black Non-Diamond Turned
20" Y-spoke Forged Silver Diamond Turned
20" Y-spoke Forged Silver Diamond Turned

Brake Calipers - Painted
AMR Lime
Black
Grey



ASTON MARTIN

Q Orange

Red

Yellow

Functional Exterior

Battery conditioner

Paint Protection Tape Removal