

Thatcham Research 1st

Audi A3 Cabriolet (2014MY)



A new model, on the MQB modular architecture, with further weight saving such as the magnesium-steel roof mechanism. The first UK deliveries are scheduled for March 2014.

MANUFACTURERS:

ALFA ROMEO

AUDI

BENTLEY

BMW

CADILLAC

CHEVROLET

CHRYSLER/JEEP

CITROEN

DACIA

FIAT

FORD

GEELY

GREAT WALL

HONDA

HYUNDAI

INFINITI

ISUZU

JAGUAR

KIA

LAND ROVER

LEXUS

LOTUS

MAZDA

MERCEDES BENZ

SAIC MG

MINI

MITSUBISHI

NISSAN

PEUGEOT

PORSCHE

PROTON

RENAULT

ROLLS ROYCE

SEAT

SKODA

SSANGYONG

SUBARU

SUZUKI

TATA

TOYOTA

VAUXHALL

VW

VOLVO

OTHERS

OTHER CAT.:

REPAIR

SAFETY

GENERAL

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Form-hardened steels account for 26% of the body weight including the A and B posts, the roof arches, and the transmission tunnel, sills and floor structure.

Weight has been taken from the front sub-frame and aluminium bearings have been used in the suspension where possible. There is aluminium also used for non-structural panels, including the bonnet and front wings and is used for the front bumper reinforcement, these alone save 10.5kg. Overall the new cabriolet is 50kg lighter than the predecessor; 30kg of that saving is in the body structure.

The new A3 Cabriolet is bigger than before, with length increased by 18cm to 4.42 metres, and width increased by 2cm to 1.79 metres. The MQB platform set increases wheelbase to 2.60 metres.

The cabriolet features a foam-lined fabric roof with a glass rear screen, over a steel/magnesium mechanism that can be operated at speeds of up to 18mph. The vehicle is fitted with two deployable plates to protect occupants should the vehicle roll over.

The bonnet is active at speeds between 16-34mph for pedestrian safety, deploying to create more space from the engine to reduce injuries.



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Technology :

A 7" integrated pop-up touch screen navigation and infotainment screen is available together with a rotary/push controller for managing phone, music and navigation functions with minimal distraction from the road. This is the Technology Package.

Full LED headlamps are an option, providing a better beam pattern and a cooler light.

A range of parking assistance systems and a reversing camera are available on all models, including the park assist that steers the vehicle into a parking space.

Adaptive Cruise Control is radar based system to maintain a selected distance from the vehicle ahead with the A3 Cabriolet automatically braking and accelerating to maintain the gap. This includes Audi pre-sense which will autonomously brake at speeds below 20mph to reduce or avoid accidents.

Active Lane Assist (£450 on all models) uses a windscreen mounted camera to monitor lane markings and will warn the driver of unintentional deviation and will assist the driver by active but gentle steering input to

correct the deviation. This can, of course, be overridden by the driver.

Audi Side Assist (£450) is a blind-spot monitoring system using radar located behind the rear bumper to detect cars in their blind spot and to warn the driver by a signal in the door mirror.

Active Lane Assist and Audi Side Assist are available together.

The Driver Assistance package (£1,300) includes Adaptive Cruise Control, Active Lane Assist, High Beam Assist and Parking System Plus.

If the camera-based Active Lane Assist and the Technology Package with the 7" screen are chosen, there is a Speed Limit Display available at no cost. This uses the camera to read road speed signs which are then displayed on the screen.



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Trim levels : SE, Sport,
S Line

SE : features 16" '10-spoke' alloy wheels with 205/55 R16 tyres as standard, front fog lamps and is finished externally and internally with aluminium trims. The interior features 'Marathon' cloth seats in grey or black, and manual air-conditioning.

The roof fabric is black unless the optional acoustic roof is chosen (£220).

Beige or Black Milano leather interior is available (£1,115).

Sport : features 17" 5-spoke alloy wheels with 225/45 R17 tyres. The suspension is lowered by 15mm and is stiffened (this can be de-selected as a non-cost downgrade), and the Sport also features dual zone climate control. The sport seats are available in 4 cloth designs as standard, with Alcantara/leather (£795) in black or grey, or black, grey, or brown Milano leather (£1,115). The interior is finished with silver aluminium inlays.

The Sport model features an acoustic fabric roof to further insulate out noise.

S Line : features 18" 5 twin-spoke alloy wheels with 225/40 R18 tyres, the Sport lowered suspension (again this can be deselected), cloth/leather upholstery, Xenon headlamps, and is easily identified by S Line emblems on the front wings. The S Line has a different front bumper and a different rear bumper diffuser finished in Platinum Grey. The interior inlay finishers are in matt brushed aluminium. Again the acoustic roof is standard.

The interior is finished in 'Biathlon' cloth/leather as standard, with optional black alcantara/leather (£480) or black Nappa leather (£795).

Two alternative alloy wheel designs are available for the S Line: an 18" high gloss design (£395) and a 19" design (£995) though the latter cannot be selected with the lowered Sport suspension.

The 1.8 TFSi engine is only available on the Sport and S Line models.

Adaptive Xenon headlamps are optional on SE and Sport models (£1,100) and an LED lighting package is also available (£1,850). For the S Line models Adaptive Xenon is a £29 option, and LED headlamps and tail lamps are just £645.



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Paint colours:

There are 3 basic colours; Amalfi White, Brilliant Black, Brilliant Red: other colours are £525 inc VAT.

	Brilliant Black A2		Amalfi White Y5		Brilliant Red C8
	Scuba Blue metallic S9		Glacier White metallic 2Y		Phantom Black pearl L8
	Lotus Grey metallic 2Z		Shiraz Red mtallic 3A		Misano Red pearl N9
	Monsoon Grey metallic 0C		Dakota Grey metallic Y7		Ice Silver metallic P5
	Beluga Brown metallic M5				Daytona Grey 6Y S Line only

Powertrains :

1.4 TFSi: 140PS 1395cc, 250Nm of peak torque, EU6 emissions class, with a 50 litre fuel tank. Available with a 6-speed manual transmission only.

1.8 TFSi: 180PS 1798cc, 250Nm of peak torque, EU6 emissions class, with a 50 litre fuel tank. Available with an S-Tronic transmission only.

2.0 TDi: 150PS 1968cc, 340Nm of peak torque, EU6 emissions class, with a 50 litre fuel tank. Available with a 6-speed manual transmission only.

The 1.4 TFSi features 'cylinder on demand' which shuts down two of the four cylinders when demand is low; for example, when cruising or in urban driving.

All models have energy regeneration with the alternator operating at higher voltage when braking or decelerating to recover energy. This additional energy is then used to reduce the load on the alternator when the vehicle accelerates to reduce engine load; improving fuel consumption.

