



AEB Fitment - Optional



# Thatcham Research

# 1st

## Audi A3 Sportback e-tron

### 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



The e-tron is a plug-in hybrid variant of the 5-door Audi A3, with connectivity and control through integration of a smart device.





## Audi A3 Sportback e-tron



The structure is that of the conventional Audi A3 Sportback on the MQB platform set which was engineered from the outset to incorporate alternative fuel powertrains. This features press hardened steels for the lateral structure including the B-post reinforcements and the front and rear floor cross-members; Advanced High Strength Steels for the sill reinforcement, inner B-post and front and rear chassis legs. The bonnet and front wings are of aluminium.

### Technology :

Charging the e-tron is through a socket located behind the front grille which slides aside. As a hybrid, it doesn't require charging but doing so reduces the demand on other modes to maximise the electric only range. A conventional socket can be used or the optional 3.6kW charger can charge the battery in just two hours, with the e-tron being supplied with 2 charging cables. Charge status can be checked using an e-tron application through a smart-device, or via an e-tron specific web portal.

### THE E-TRON HYBRID HAS FOUR DRIVE MODES SELECTED THROUGH A SWITCH ON THE FACIA:

- Hybrid Auto mode combines petrol engine and electric motor but will default to electric if the charge is sufficient.

- Hybrid Hold mode will use the petrol engine for drive, saving maximum battery charge until selected later (for example if you're driving into a city centre with an emission-free zone).

- Hybrid Charge mode maximises charging from the petrol engine through the starter/generator, and through brake energy recovery.

- EV mode is battery powered only; with EV range of up to 31 miles.

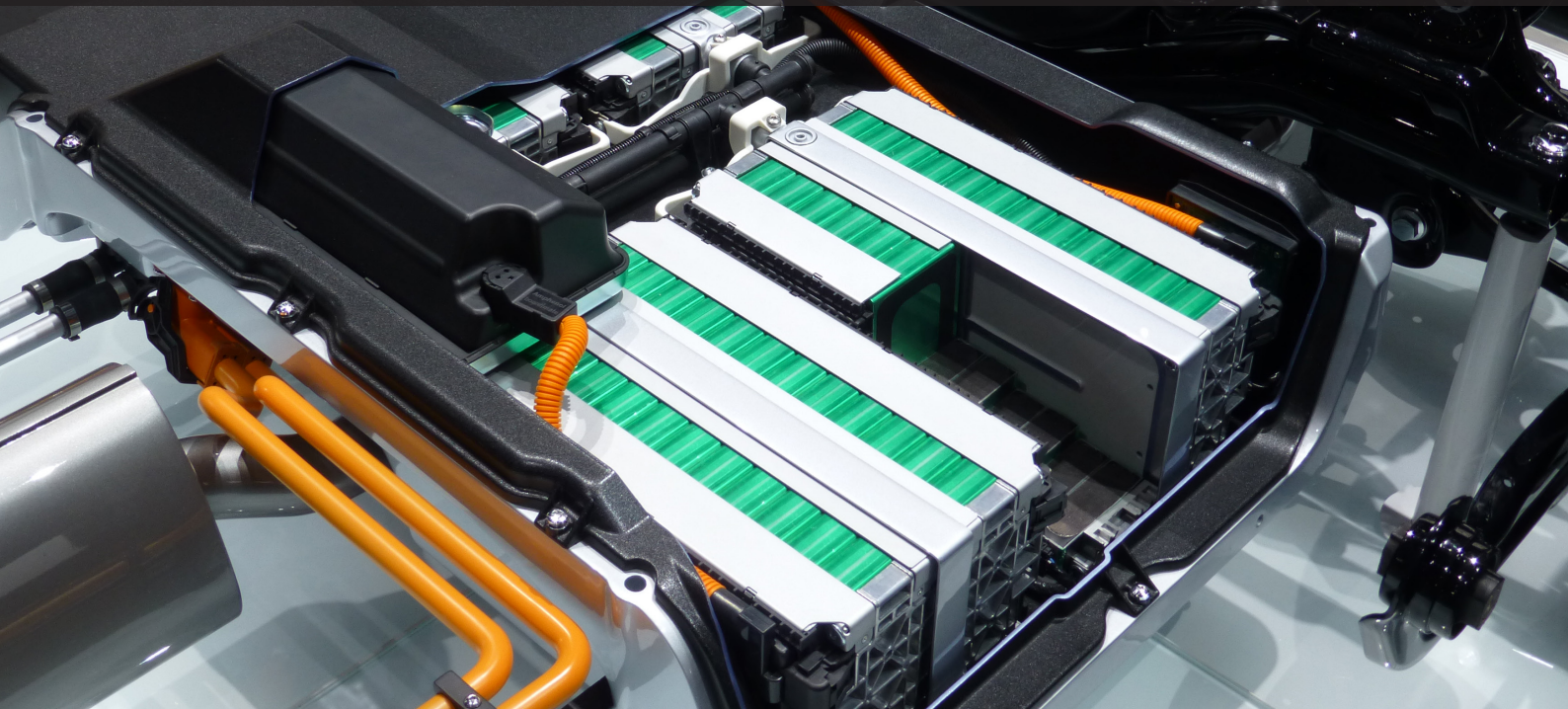
### Trim levels :

The e-tron is based on the A3 Sport, with LED headlamps, rear parking sensors, automatic headlamps and wipers, and with 17" alloy wheels and e-tron specific exterior trim finishers.













A hard-drive based navigation system with connectivity through Audi connect online services for in-car internet and online services is standard.



# Audi A3 Sportback e-tron



## Paint colours:

	Misano Red pearlescent £525		Amalfi White COB		Brilliant Black COB
	Brilliant Red COB		Dakota Grey metallic £525		Beluga Brown metallic £525
	Glacier White metallic £525		Floret Silver metallic £525		Mythos Black metallic £525
	Monsoon Grey metallic £525		Scuda Blue metallic £525		Shiraz Red metallic £525

Audi exclusive custom colour service is available, subject to factory approval

## Powertrains :

The e-tron hybrid powertrain is based around the 1.4TFSi (1398cc) petrol engine which produces 148bhp

The electric motor, which has an output of 99bhp, is mounted between the petrol engine and the 6-speed S-tronic transmission, and has been engineered for minimal noise.

The energy is provided through an 8.8kWh lithium ion battery pack located under the rear seats.

This intrudes into the conventional fuel tank space, so the fuel tank (40 litres) is located further rearward, decreasing the luggage compartment capacity by some 20 litres. The battery pack itself weighs 125kg.

Should an accident trigger the SRS airbags or seat safety belt pretensioners, the high voltage system will disconnect.

