

The new more fuel efficient Audis

New start-stop and recuperation technologies have improved fuel consumption and reduced CO2 emissions on key Audi models



Audi A3 Sportback

NEW START-STOP AND RECUPERATION technologies offer significant improvements in the environmental performance of Audi A3, A4 and A5 models in the new more fuel-efficient Audi range.

Manual transmission versions of the A3 and A3 Sportback 1.4 TFSI, and A4 Saloon and Avant, A5 Coupé, A5 Sportback and A5 Cabriolet models powered by 2.0 TFSI and 2.0 TDI engines now return even better economy and lower CO2 emissions through start-stop and recuperation.

How it works: start-stop

Without any need to change driving style, the Audi start-stop system offers real world benefits for the driver by switching the engine off when the car is stationary.

- ▶ With the gearstick in neutral and the driver's foot removed from the clutch pedal, the engine switches off.
- ▶ The brakes automatically maintain enough pressure to hold the car on a slope with a gradient up to 10%, whether facing up or down.
- ▶ The engine restarts as soon as the driver depresses the clutch pedal. An updated starter motor restarts the engine in about two tenths of a second – faster, more quietly and more comfortably than on other cars

equipped with similar systems.

- ▶ By the time the driver has engaged first gear and is ready to release the clutch, the engine has reached idle speed prior to driving away.

Start-stop is activated automatically once the engine is warm, but can be deactivated at any time simply by pushing a button on the dash.

How it works: recuperation

Brake energy recuperation makes use of a car's kinetic energy during deceleration.

The alternator converts the kinetic energy produced during braking into electrical energy which is then stored in the battery, reducing the load on the alternator and helping to reduce fuel consumption.

Lower costs for fleets and drivers

The reduced CO2 emissions promote reduced Benefit-in-Kind tax liabilities for drivers, as start-stop-equipped models fall into lower tax bands than non-start-stop-equipped cars (see examples in the table, below).

Additionally, as Class 1A National Insurance Contributions are also based on CO2 emissions, fleet operators can expect lower liabilities for all start-stop-equipped models, while the benefits in the enhanced fuel consumption figures are plain for all to see.



Audi A4

Comparison of selected Audi start-stop models with non start-stop

	CO2 (g/km)	Comb' mpg	BIK band 09/10	P11D price	BIK tax at 40%
A4 2.0 TFSI SE	154	42.8	18%	£24,705	£1,779
A4 2.0 TFSI SE start-stop	149	44.1	17%	£25,210	£1,714
A4 2.0 TFSI quattro S line	172	38.2	22%	£28,520	£2,510
A4 2.0 TFSI quattro S line start-stop	169	38.7	21%	£29,025	£2,438
A5 Coupé 2.0 TFSI 180PS Sport	154	42.8	18%	£27,085	£1,950
A5 Coupé 2.0 TFSI 180PS Sport s-s	149	44.1	17%	£27,110	£1,843
A5 Coupé 2.0 TDI	140	53.3	19%	£26,240	£1,994
A5 Coupé 2.0 TDI start-stop	134	55.4	18%	£26,240	£1,889
A5 Coupé 2.0 TDI quattro S line	156	47.9	22%	£31,580	£2,779
A5 Coupé 2.0 TDI quattro S line s-s	149	49.6	20%	£31,605	£2,528



The start-stop status is shown in the Driver Information System display, which renders green during economical driving and red at other times

Models available with start-stop and recuperation

Audi A3 and A3 Sportback

- ▶ 1.4 TFSI 125PS manual

Audi A4 Saloon

- ▶ 2.0 TFSI 211PS manual, including quattro
- ▶ 2.0 TDI 120PS, 143PS and 170PS manual, inc quattro

Audi A4 Avant

- ▶ 2.0 TFSI 211PS manual, including quattro
- ▶ 2.0 TDIe 136PS, 2.0 TDI 120PS, 143PS, 170PS, inc quattro

Audi A5 Coupé

- ▶ 1.8 TFSI 160PS, 2.0 TFSI 180PS, 211PS, inc quattro
- ▶ 2.0 TDI 170PS, inc quattro

Audi A5 Sportback

- ▶ 2.0 TFSI 180PS, 211PS, inc quattro
- ▶ 2.0 TDI 170PS, inc quattro

A5 Cabriolet

- ▶ 2.0 TFSI 211PS
- ▶ 2.0 TDI 170PS

Vorsprung durch Technik 

To find out more about Audi models available with start-stop and recuperation, please call 01908 601174, or visit www.audifleetsales.co.uk