

Audi start-stop

New start-stop and brake recuperation technology offer substantial improvements to the environmental performance of A3, A4 and A5 models in the Audi range.

Manual transmission versions of the A3 and A3 Sportback 1.4 TFSI, and A4 Saloon and Avant, A5 Coupé and A5 Cabriolet models powered by the 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

The Audi start-stop system uses state-of-the-art technology to deliver real world benefits without any need to change driving style. It works as follows:

- ▶ When a start-stop-equipped vehicle comes to rest with the gearstick in neutral and the driver's foot removed from the clutch pedal, the engine switches off.
- ▶ A confirmation message is shown in the dash display (see below).
- ▶ 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 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 vehicle's 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.

Benefits to fleet operators and drivers: start-stop

- ▶ Reduced emissions of CO₂ promotes lower BIK tax for drivers than previously as start-stop-equipped models fall into lower tax bands than non-start-stop-equipped cars (see table, below).
- ▶ Employers' Class 1A National Insurance Contributions are reduced as these are also based on CO₂ emissions.

Comparison of selected Audi start-stop models with standard					
Model	CO ₂ (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 2.0 TFSI 180PS Sport	154	42.8	18%	£27,110	£1,952
A5 2.0 TFSI 180PS Sport start-stop	149	44.1	17%	£27,110	£1,843
A5 2.0 TDI Sport	140	53.3	19%	£27,940	£2,123
A5 2.0 TDI Sport start-stop	134	55.4	18%	£27,940	£2,012
A5 2.0 TDI S line quattro	156	47.9	22%	£31,605	£2,781
A5 2.0 TDI S line quattro start-stop	149	49.6	20%	£31,605	£2,528

See page two for details of the full range of Audi models currently available with start-stop >



The start-stop status is shown in the dash display, left, and can be disabled at the push of a switch, above



Model		ROTR price
Audi A3	1.4 TFSI 125PS start-stop	£16,880
	1.4 TFSI 125PS SE start-stop	£17,515
	1.4 TFSI 125PS Sport start-stop	£18,690
	1.4 TFSI 125PS S line start-stop	£20,205

A3 Sportback	1.4 TFSI 125PS start-stop	£17,420
	1.4 TFSI 125PS SE start-stop	£18,055
	1.4 TFSI 125PS Sport start-stop	£19,230
	1.4 TFSI 125PS S line start-stop	£20,745



A4 Saloon	2.0 TFSI 211PS SE start-stop	£25,390
	2.0 TFSI 211PS Executive SE start-stop	£26,025
	2.0 TFSI 211PS S line start-stop	£27,835
	2.0 TFSI 211PS Executive S line start-stop	£28,470
	2.0 TFSI 211PS quattro SE start-stop	£26,810
	2.0 TFSI 211PS quattro Executive SE start-stop	£27,445
	2.0 TFSI 211PS quattro S line start-stop	£29,255
	2.0 TFSI 211PS quattro Executive S line start-stop	£29,890
	2.0 TDI 120PS start-stop	£22,740
	2.0 TDI 120PS SE start-stop	£23,720
	2.0 TDI 120PS Executive SE start-stop	£24,355
	2.0 TDI 120PS S line start-stop	£26,165
	2.0 TDI 120PS Executive S line start-stop	£26,800
	2.0 TDI 143PS start-stop	£23,425
	2.0 TDI 143PS SE start-stop	£24,405
	2.0 TDI 143PS Executive SE start-stop	£23,425
	2.0 TDI 143PS S line start-stop	£26,850
	2.0 TDI 143PS Executive S line start-stop	£25,870
	2.0 TDI 170PS SE start-stop	£25,385
	2.0 TDI 170PS Executive SE start-stop	£26,020
	2.0 TDI 170PS S line start-stop	£27,830
	2.0 TDI 170PS Executive S line start-stop	£28,465
2.0 TDI 170PS quattro SE start-stop	£26,760	
2.0 TDI 170PS quattro Executive SE start-stop	£27,395	
2.0 TDI 170PS quattro S line start-stop	£29,205	
2.0 TDI 170PS quattro Executive S line start-stop	£29,840	



A4 Avant	2.0 TFSI 211PS SE start-stop	£26,565
	2.0 TFSI 211PS Executive SE start-stop	£27,200
	2.0 TFSI 211PS S line start-stop	£29,010
	2.0 TFSI 211PS Executive S line start-stop	£29,645
	2.0 TFSI 211PS quattro SE start-stop	£27,960
	2.0 TFSI 211PS quattro Executive SE start-stop	£28,595
	2.0 TFSI 211PS quattro S line start-stop	£30,405
	2.0 TFSI 211PS quattro Executive S line start-stop	£31,040
	2.0 TDI 120PS start-stop	£23,890
	2.0 TDI 120PS SE start-stop	£24,870
	2.0 TDI 120PS Executive SE start-stop	£25,505
	2.0 TDI 120PS S line start-stop	£27,315
	2.0 TDI 120PS Executive S line start-stop	£27,950
	2.0 TDI 143PS start-stop	£24,575
	2.0 TDI 143PS SE start-stop	£25,555
	2.0 TDI 143PS Executive SE start-stop	£24,575
	2.0 TDI 143PS S line start-stop	£28,000
	2.0 TDI 143PS Executive S line start-stop	£27,020
	2.0 TDI 170PS SE start-stop	£26,540
	2.0 TDI 170PS Executive SE start-stop	£27,175
	2.0 TDI 170PS S line start-stop	£28,985
	2.0 TDI 170PS Executive S line start-stop	£29,620
2.0 TDI 170PS quattro SE start-stop	£27,935	
2.0 TDI 170PS quattro Executive SE start-stop	£28,570	
2.0 TDI 170PS quattro S line start-stop	£30,380	
2.0 TDI 170PS quattro Executive S line start-stop	£31,015	



A5 Coupé	2.0 TFSI 180PS start-stop	£24,660
	2.0 TFSI 180PS SE start-stop	£26,360
	2.0 TFSI 180PS Sport start-stop	£27,290
	2.0 TFSI 180PS S line start-stop	£28,560
	2.0 TFSI 211PS start-stop	£26,665
	2.0 TFSI 211PS SE start-stop	£28,365
	2.0 TFSI 211PS Sport start-stop	£29,295
	2.0 TFSI 211PS S line start-stop	£30,565
	2.0 TFSI 211PS quattro start-stop	£28,180
	2.0 TFSI 211PS quattro SE start-stop	£29,880
	2.0 TFSI 211PS quattro Sport start-stop	£30,810
	2.0 TFSI 211PS quattro S line start-stop	£32,080
	2.0 TDI 170PS start-stop	£26,415
	2.0 TDI 170PS SE start-stop	£28,115
	2.0 TDI 170PS Sport start-stop	£28,115
	2.0 TDI 170PS S line start-stop	£30,315
2.0 TDI 170PS quattro start-stop	£27,885	
2.0 TDI 170PS quattro SE start-stop	£29,585	
2.0 TDI 170PS quattro Sport start-stop	£29,585	
2.0 TDI 170PS quattro S line start-stop	£31,785	



A5 Cabriolet	2.0 TFSI 211PS start-stop	£29,800
	2.0 TFSI 211PS SE start-stop	£31,650
	2.0 TFSI 211PS S line start-stop	£34,100