



Audi

Overview

At a Glance & Highlights

A6 at a glance:

| Drivetrain | Output | Premium | Premium Plus | Prestige |
|--|--------------------------|----------|--------------|----------|
| 2.0 TFSI® multitronic® FWD | 211 hp, 258 lb-ft torque | \$42,200 | \$46,500 | — |
| 2.0 TFSI quattro® eight-speed Tiptronic® | 211 hp, 258 lb-ft torque | \$44,400 | \$48,700 | — |
| 3.0 TFSI quattro eight-speed Tiptronic | 310 hp, 325 lb-ft torque | \$50,400 | \$54,700 | \$56,950 |

S6 at a glance:

| Drivetrain | Output | | | |
|--|--------------------------|---|---|----------|
| 4.0 TFSI quattro seven-speed S tronic® | 420 hp, 406 lb-ft torque | — | — | \$71,900 |



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Highlights

Key Attributes

Sport differential* The S6 sport differential actively distributes torque between the rear wheels. When turning into or accelerating in a curve, the majority of the torque flows to the outside wheel and pushes the vehicle into the curve, nipping the tendency to oversteer or understeer in the bud.

LED headlights* The A6/S6 offers the unmistakable appearance of full LED lighting technology. Consuming only 40 watts, the high beams, turn signals, daytime running lights and low beams all feature this efficient, yet powerful technology.

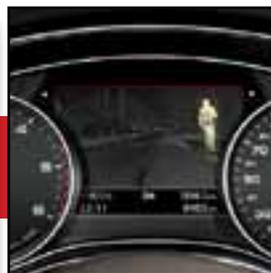
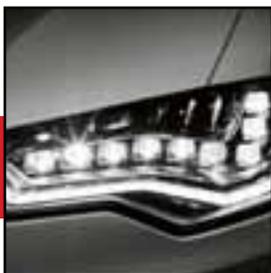
Head-up display* The Audi A6/S6 helps drivers keep their eyes on the road. Optional head-up display projects driving related information and warnings on the windshield via a system of aspherical mirrors. Displayed information can be customized using Audi MMI® touch, giving each driver their ideal head-up display.

Night vision assistant with pedestrian detection & warning* Night vision assistant can detect pedestrians approximately 1,000 feet ahead. Once a pedestrian is registered, the system identifies them in yellow. If they move into the anticipated path of the A6/S6, they are highlighted in red and accompanied by an acoustic warning.

Audi adaptive cruise control* Audi adaptive cruise control helps maintain a comfortable space between you and the vehicle in front. It will help detect the risk of a frontal collision and reduce the speed of the A6/S6, as well as issue a number of warnings. Part of this response includes a partial application of the brakes, in some situations, full braking will occur via Audi braking guard in combination with Audi pre sense plus. Once the road ahead is clear, Audi adaptive cruise control automatically resumes your original preset speed.

Audi MMI touch with handwriting recognition* The groundbreaking Audi MMI touch is a new level of customized convenience. Audi engineers developed this latest version of Audi MMI with hard and soft keys, dedicated buttons for commonly used controls and a revolutionary touchpad that interprets hand-written inputs. The Audi MMI touch system can be used with ease. Just like drawing in the sand, your index finger allows you to enter navigation destinations and telephone numbers by simply “writing” with your finger on the touchpad. It allows you easier access to radio presets, map navigation, destinations and directories for a more personalized and intuitive driving experience.

Audi pre sense plus* If a critical situation is detected, Audi pre sense plus prepares for impact by tightening the safety belts, adjusting the seats, and closing the windows and sunroof. Additionally, Audi pre sense plus includes four phases of assisted braking, from an audible reminder, to fully assisted braking.



*Refer to Equipment pages for how to acquire



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Highlights

Key Attributes

Audi cylinder on demand™ technology* Audi cylinder on demand technology with active motor mounts and noise cancellation improves mpg up to ten percent. With transitions in less than 1/400,000 of one second:

1 - 5 - 4 - 8 - 6 - 3 - 7 - 2



1 - 5 - 4 - 8 - 6 - 3 - 7 - 2

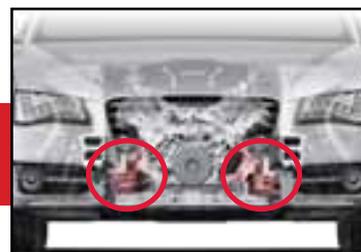


1. Two active motor mounts use crankshaft position sensor and built in accelerometers to detect normal V4 vibrations between 25 & 250 hz; motor mounts are electromagnetic coils (similar to speakers) incased in hydraulic fluid which transmit opposite phase vibrations to cancel incoming vibrations from passing through motor mounts. These mounts also work during V8 idle and over rough roads (low frequency vibrations between 7 - 15 hz).

2. Four microphones embedded in the headliner detect normal V4 acoustic changes and transmit sound waves, using the vehicle's Bose® or B&O® speakers (in the on or off position), of the same amplitude but 180 degrees out of phase thus diminishing undesirable noise from reaching the ears.

3. V4 mode uses cylinders 1, 4, 6 & 7 & is accomplished by an electromagnetically controlled camshaft which rotates into a zero lift camshaft profile; the other cylinders are shut down and fuel injection/ignition halted after first taking in air to act as an air spring for reduced power loss. V4 transition will occur in a fraction of a second under these conditions (coolant temperature of 86 degrees, third gear or higher and between 960 & 3,500 rpm). V4 mode can last for up to seven minutes at which point all cylinders are engaged to prevent excessive heat loss and efficiency.

4. Active motor mounts and noise cancellation system are close-looped, unlike other systems available up until now which provide a fixed level of noise and vibration cancellation over a more narrow band of reduced cylinder operation. Closed-loop monitoring provides a greater range of adaptation to vibration and noise, thus allowing V4 mode over a wider engine range and thus improved efficiency.



*Refer to Equipment pages for how to acquire