Audi A7 Sportback – Dynamic All-Wheel Steering

The new Audi A7 Sportback further optimizes the synthesis of dynamics and comfort. It is dynamically agile on winding country roads and comfortable on the highway. Its optional dynamic all-wheel steering combines direct steering with superior directional stability.

At the front axle, it changes the steering ratio depending on the driving situation. At the rear axle, it turns the wheels either in the same or opposite direction of the front wheels depending on the speed. Even with the base steering, a new steering boost concept provides the driver with intensive feedback from the road.

The optional sport differential actively distributes drive torque between the rear wheels, complementing the standard quattro all-wheel drive. It as well as the dynamic all-wheel steering, optional suspension with damper control, optional sport suspension and adaptive air suspension with controlled damping (option) are controlled by the electronic chassis platform (ECP). Thanks to this close networking, all systems work together for increased comfort, sportiness and maximum precision. The driver can choose from several profiles in the Audi drive select system; they offer a wider spread between comfort and dynamics compared to the predecessor.

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