

1991 Audi Avus quattro Concept

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Mere weeks in the wake of the quattro Spyder, Audi launched a time rocket: the Avus quattro high-performance sports car captivated onlookers at the Tokyo Motor Show in the drop off of 1991. The Avus quattro furthermore boasted a lightweight aluminum body: the frame weighed a mere 52 kilograms (114.64 lb), the unpainted and polished surface 100 kilograms (220.46 lb).

This prove car's time technological sensation was its engine. Positioned longitudinally down the road of the front suspension, the six-liter unit's 3 cylinder banks got in a 'W' configuration: the precursor to today's A8 W12. Thanks to a powerful 374 kW (509 hp) and a weight of simply 1,250 kilograms (2,755.78 lb), the Audi Avus quattro topped out at 340 km/h (211.27 mph)! A sophisticated quattro push train conveyed the fuel to the road. To optimize the distribution of weight, the six-speed manual transmission was fitted between the front wheels. All wheels got attached to dual triangular wishbones; the electronically controlled rear wheels amplified the cornering dynamics.

At 4.42 meters in extent (14.50 ft), such establish car's design is currently irresistibly stunning to this moment day. The flat driver's cockpit was really conclusion to the vehicle's front end. The extended wheelbase of 2.80 meters (9.19 ft) made a ample gap between the powerful 20-inch wheels. In addition, the fenders, the sides and the curved roof — that bore the exterior mirrors — collectively made a single glistening wave.

'The Avus quattro is one of Audi's serious icons,' proclaims Stefan Sielaff. 'Its sculpture provided the pronounced cab-forward design pays homage to bygone designs; it echoes the streamlined racing cars of the 1930s. Yet the Avus quattro moreover proved to be forward-looking: the Audi R8 TDI Le Mans, a fresh notion vehicle, additionally has a NACA duct in its roof — as did the Avus quattro.'

Specifications.

- Layout :: Mid-Engine/AWD
- Transmission :: 6-Speed Manual
- 0-60 mph :: 2.9 sec
- Top Speed :: 211 mph
- engine :: 60 Valve DOHC W12 (3 rows of 4)
- displacement :: 5998 cc / 366.0 cu in
- power :: 379.6 kw / 509.0 bhp @ 5800 rpm
- hp per litre :: 84.86 bhp per litre
- torque :: 540.0 nm / 398.3 ft lbs @ 4000 rpm
- drive wheels :: Mid Engine / 4WD
- front brakes :: Vented Discs
- rear brakes :: Vented Discs
- weight :: 1250 kg / 2756 lbs
- length :: 4424 mm / 174.2 in
- width :: 1976 mm / 77.8 in
- height :: 1174 mm / 46.2 in
- transmission :: 6-Speed Manual
- top speed :: 340.0 kph / 211.3 mph