



**Audi quattro.  
Instinctive grip.**



## Audi quattro® – leading all-wheel drive technology since 1980

When it first appeared in 1980, Audi's quattro® all-wheel drive system stunned the motoring world, dominating international motor sport and raising passenger car handling to unimaginable new levels. Even now, quattro® remains the benchmark in performance motoring, and a legend in its own right.

Today, almost one quarter of all vehicles that leave Audi's production line are equipped with the company's superior quattro® all-wheel drive technology. In Australia, this figure is closer to one third of all models, clearly demonstrating its popularity.

The very first, volume-produced passenger car with quattro® technology was launched in December 1982, known as the Audi 80 quattro®. In the years that followed, quattro® was introduced across the Audi range, becoming a unique feature of the brand, unmatched by its rivals.

### quattro moments

1980 - The "Ur-quattro", the first passenger car in the world with permanent all-wheel drive, is unveiled at the Geneva Motor Show. Its five-cylinder turbo engine delivers 150 kW and accelerates the coupe from zero to 100 km/h in only 7.1 seconds.

1985 – Walter Rohrl and his Audi Sport quattro® claimed victory in the Monte Carlo rally.

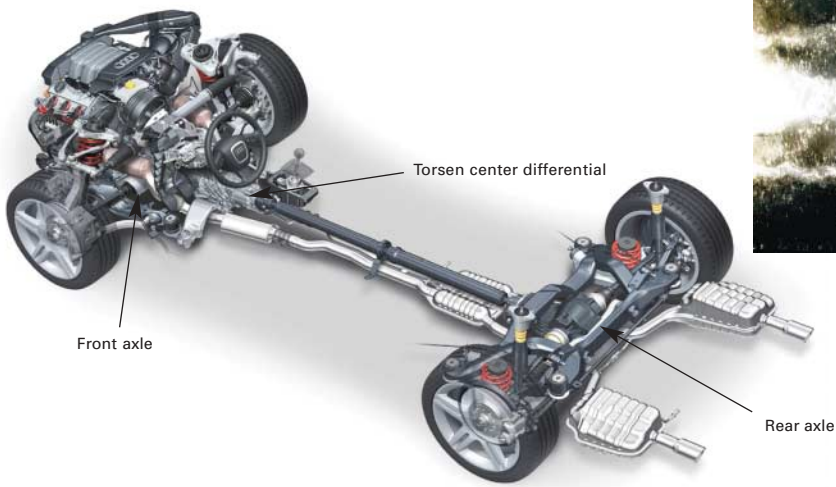
1986 – Audi produces an advertising coup when an Audi 100 quattro® is filmed driving up an 80% gradient ski jump in Finland to demonstrate quattro's unique benefits. This advertising campaign was recreated in 2005 with an Audi A6 quattro® to celebrate 25 Years of quattro® technology.

1987 – Audi wins the gruelling Pikes Peak race for the third time in succession. Walter Rohrl sets a new record time in the Audi Sport quattro S1.

1991 – Audi unveils the Avus quattro® design study, a truly visionary sports car concept with an aluminium body, W12 mid-mounted engine and quattro all-wheel drive.

2005 – Audi celebrates 25 years of quattro® technology and unveils its new Q7 SUV concept in Europe and in Australia. The Q7 is a new generation of vehicle that is purpose-built to demonstrate quattro® technology at its very peak.





## Surefooted performance

For the uninitiated the first drive of one of Audi's quattro® models is an exhilarating experience. Its major strength lies in its extraordinary capabilities that have achieved international recognition and acclaim since quattro® first appeared in 1980. Audi's quattro technology offers superior dynamic performance and high levels of active safety making it a distinctively superior form of travel.

A vehicle with permanent all-wheel drive can translate significantly more traction and consequently higher cornering forces into forward motion. This in turn, means greater driving enjoyment, performance and safety. Improved directional stability, less susceptibility to the forces of poor weather and better towing properties also point towards the superiority of quattro®.

Audi quattro® is an intelligent all-wheel drive system, reading changes in the road surface and able to 'sense' the effects of poor conditions, acceleration requests or cornering forces and readjusting the power distribution accordingly.

A Torsen centre differential automatically distributes power to all four wheels. The name "Torsen" comes from the two terms "torque" and "sensing". The Torsen centre differential automatically senses the traction at the front and rear axles and distributes more power to the axle which has the most traction and therefore the ability to promote forward motion.

The quattro® system with Torsen differential is available on models in the A4 range, up to the range-topping A8 and Audi's sports performance thoroughbreds, the 'S' and 'RS' models.

Audi's A3 and TT vehicles are also available with quattro® all-wheel drive, however these models, with their transverse-mounted engines, have the advanced Haldex clutch system. The Haldex is an electronically-controlled multi-plate clutch which distributes power between the front and rear axles, reacting quickly to all driving situations. The Haldex clutch is located at the rear axle for improved weight distribution and is integrated into the vehicle's sophisticated driveline electronics.

quattro® permanent all-wheel drive results in significantly more traction, ensuring superior sports performance, high levels of active vehicle safety and absolute driving enjoyment. However, describing it is one thing – truly experiencing quattro® is the only way to fully understand its superiority.

For more information or to book a test drive of one of our Audi quattro models contact your Audi dealer, visit [www.audi.com.au](http://www.audi.com.au) or call 1800 50 AUDI (2834). You'll quickly discover why quattro holds a very special place in motoring history.



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