

2006 Audi A6 Quattro Repair Manual

Audi 100

and renamed the Audi A6 series in conjunction with a general new Audi naming scheme, until they were replaced by a new generation of A6, internally code-named

The Audi 100 and Audi 200 (and sometimes called Audi 5000 in North America) are primarily mid-size/executive cars manufactured and marketed by the Audi division of the Volkswagen Group. The car was made from 1968 to 1997 across four generations (C1–C4), with a two-door model available in the first and second generation (C1–C2), and a five-door model available in the last three generations (C2–C4). They also made an 100 Avant in the 1970s.

In 1982, the third generation Audi 100 achieved a remarkably low (for its time) drag coefficient of 0.30, featuring flush greenhouse sides with unique sliding window mountings.

The C2 and C3 models of the Audi 100 were marketed in North America as the Audi 5000 from 1978 to 1988, and in South Africa as the Audi 500.

In 1993, the models were mildly restyled...

Direct-shift gearbox

Audi S5 (B8) Audi A5 Audi A6 Audi S6 (C7) Audi A7 Audi A8 (D4) Audi Q2 Audi Q3 Audi Q5 Audi R8 (Type 42) (From Autumn 2012 Facelift) Audi R8 (Type 4S)

A direct-shift gearbox (DSG, German: Direktschaltgetriebe) is an electronically controlled, dual-clutch, multiple-shaft, automatic gearbox, in either a transaxle or traditional transmission layout (depending on engine/drive configuration), with automated clutch operation, and with fully-automatic or semi-manual gear selection. The first dual-clutch transmissions were derived from Porsche in-house development for the Porsche 962 in the 1980s.

In simple terms, a DSG automates two separate "manual" gearboxes (and clutches) contained within one housing and working as one unit. It was designed by BorgWarner and is licensed to the Volkswagen Group, with support by IAV GmbH. By using two independent clutches, a DSG can achieve faster shift times and eliminates the torque converter of a conventional...

List of Volkswagen Group petrol engines

(2019-) application Audi quattro concept (2010), Audi RS3 (2010-2013), Audi TT RS (07/2009 ->11/2023), Audi RS Q3 (2013 ->), Audi RS3 (2015 ->), KTM X-Bow

The spark-ignition petrol engines listed below operate on the four-stroke cycle, and unless stated otherwise, use a wet sump lubrication system, and are water-cooled.

Since the Volkswagen Group is German, official internal combustion engine performance ratings are published using the International System of Units (commonly abbreviated "SI"), a modern form of the metric system of figures. Motor vehicle engines will have been tested by a Deutsches Institut für Normung (DIN) accredited testing facility, to either the original 80/1269/EEC, or the later 1999/99/EC standards. The standard initial measuring unit for establishing the rated motive power output is the kilowatt (kW); and in their official literature, the power rating may be published in either the kW, or the metric horsepower (often abbreviated...

Four-wheel drive

Spider Audis with quattro - various iterations of Torsen, the T-3 starting from the 2007 B7 RS4 80, 90 & Coupé (Typ 89) 100 & 200 A4, S4, RS4 A5 & S5 A6, S6

A four-wheel drive, also called 4×4 ("four-by-four") or 4WD, is a two-axled vehicle drivetrain capable of providing torque to all of its wheels simultaneously. It may be full-time or on-demand, and is typically linked via a transfer case providing an additional output drive shaft and, in many instances, additional gear ranges.

A four-wheel drive vehicle with torque supplied to both axles is described as "all-wheel drive" (AWD). However, "four-wheel drive" typically refers to a set of specific components and functions, and intended off-road application, which generally complies with modern use of the terminology.

Ford Taurus (sixth generation)

an Infiniti M45x. The 2010 Ford Taurus SHO was faster than an Audi A6 4.2 FSI Quattro in straight-line acceleration while the interior of the Ford Taurus

The sixth generation Ford Taurus is a full-size sedan manufactured and marketed by Ford for model years 2010-2019 with a mild facelift for model year 2013. While sharing the chassis underpinnings of the previous generation Taurus and the Five Hundred, the exterior and interior of the sixth generation received a complete redesign, replacing New Edge design language with Ford's Kinetic Design design language. The high-performance Ford Taurus SHO made its return, becoming the first turbocharged Taurus. Following the discontinuation of the long-running Crown Victoria Police Interceptor after 2011, Ford introduced a Taurus-based Police Interceptor Sedan for 2013.

The sixth generation became the first version of the Taurus developed without a Mercury Sable counterpart, as Mercury began to pare...

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