

Ti Kan: Audi Models, Platforms, Engines, Parts Numbering, and Quattro Guide



The following are some tables of Audi model, platform, part numbering and quattro system generations information:

- A [table of Audi models](#) that were sold in the USA from 1975 to current.
- A [table of European model equivalencies](#) where the model name is different than the US counterparts.
- A [platform generation / type code guide](#).
- An [engine guide](#) for US models.
- A [parts numbering guide](#) which is also applicable to Volkswagen cars.
- A [quattro system generations](#) feature comparison table.

These are made from my memory and from reference materials available to me, if you notice any omissions or errors please let me know.

Audi USA Models

Model year	Models
2005	A4 1.8T, A4 1.8T, A4 1.8T Cabriolet, A4 3.0, A4 3.0 Cabriolet, S4 4.2, S4 4.2 Avant
	A6 3.2 FSI, A6 4.2
	A8 4.2, A8L 4.2
	TT 1.8T Coupe, TT 1.8T Roadster, TT 3.2 Coupe, TT 3.2 Roadster
2004	A4 1.8T, A4 1.8T Cabriolet, A4 3.0, A4 3.0 Cabriolet, S4 4.2, S4 4.2 Avant
	A6 3.0, A6 3.0 Avant, A6 2.7T, A6 4.2, S6 Avant, Allroad 2.7T, Allroad 4.2
	A8L 4.2
	TT 1.8T Coupe, TT 1.8T Roadster, TT 3.2 Coupe, TT 3.2 Roadster

2003	A4 1.8T, A4 3.0, A4 3.0 Cabriolet
	A6 3.0, A6 3.0 Avant, A6 2.7T, A6 4.2, S6 Avant, RS6, Allroad 2.7T, Allroad 4.2
	A8L 4.2, S8
	TT 1.8T Coupe, TT 1.8T Roadster
2002	A4 1.8T, A4 3.0, S4 2.7T, S4 2.7T Avant
	A6 3.0, A6 3.0 Avant, A6 2.7T, A6 4.2, S6 Avant, Allroad 2.7T
	A8 4.2, A8L 4.2, S8
	TT 1.8T Coupe, TT 1.8T Roadster
2001	A4 1.8T, A4 1.8T Avant, A4 2.8, A4 2.8 Avant, S4 2.7T, S4 2.7T Avant
	A6 2.8, A6 2.8 Avant, A6 2.7T, A6 4.2, Allroad 2.7T
	A8 4.2, A8L 4.2, S8
	TT 1.8T Coupe, TT 1.8T Roadster
2000	A4 1.8T, A4 1.8T Avant, A4 2.8, A4 2.8 Avant, S4 2.7T
	A6 2.8, A6 2.8 Avant, A6 2.7T, A6 4.2
	A8 4.2
	TT 1.8T Coupe
1999	A4 1.8T, A4 1.8T Avant, A4 2.8, A4 2.8 Avant
	A6 2.8, A6 2.8 Avant
	A8 4.2
1998	A4 1.8T, A4 1.8T Avant, A4 2.8, A4 2.8 Avant
	A6 2.8, A6 2.8 Avant
	A8 3.7, A8 4.2
1997	A4 1.8T, A4 2.8
	A6 2.8, A6 2.8 Avant
	A8 3.7, A8 4.2
	Cabriolet
1996	A4 2.8
	A6 2.8, A6 2.8 Avant
	Cabriolet

1995	90, 90 Sport
	A6 2.8, A6 2.8 wagon, S6
	Cabriolet
1994	90, 90 Sport
	100, 100 wagon, S4
	V8 4.2
	Cabriolet
1993	90, 90 Sport
	100, 100 wagon, S4
	V8
	Cabriolet
1992	80, 80 quattro
	100, 100 wagon, S4
	V8
1991	80, 80 quattro, Coupe quattro 20V
	100, 100 wagon, 100 quattro, 200, 200 wagon, 200 quattro 20V, 200 quattro 20V wagon
	V8
1990	80, 80 quattro, 90, 90 quattro 20V, Coupe quattro 20V
	100, 100 wagon, 100 quattro, 200, 200 wagon, 200 quattro, 200 quattro wagon
	V8
1989	80, 80 quattro, 90, 90 quattro
	100, 100 wagon, 100 quattro, 200, 200 wagon, 200 quattro, 200 quattro wagon
1988	80, 80 quattro, 90, 90 quattro
	5000S, 5000S wagon, 5000S quattro, 5000CS turbo, 5000CS turbo quattro, 5000CS turbo quattro wagon
1987	4000S, 4000CS quattro, Coupe GT
	5000S, 5000S wagon, 5000CS turbo, 5000CS turbo quattro, 5000CS turbo quattro wagon
1986	4000S, 4000CS, 4000CS quattro, 4000CS quattro commemorative edition, Coupe GT, Coupe GT commemorative edition
	5000S, 5000CS, 5000S wagon, 5000CS turbo, 5000CS turbo quattro

1985	4000S, 4000S quattro, Coupe GT, Quattro turbo coupe
	5000S, 5000S wagon, 5000S turbo
1984	4000S 2-door, 4000S 4-door, 4000S Limited Edition, 4000S quattro, Coupe GT, Quattro turbo coupe
	5000S, 5000S wagon, 5000S turbo
1983	4000S 2-door, 4000S 4-door, 4000S turbo diesel, Coupe, Quattro turbo coupe
	5000S, 5000S turbo, 5000S turbo diesel
1982	4000 2-door, 4000 4-door, Coupe
	5000, 5000 turbo
1981	4000 2-door, 4000 4-door, 4000 5+5, Coupe
	5000, 5000 turbo
1980	4000 2-door, 4000 4-door, 4000 5+5
	5000, 5000 turbo
1979	Fox 2-door, Fox 4-door, Fox GTI
	5000
1978	Fox 2-door, Fox 4-door, Fox GTI
	5000
1977	Fox 2-door, Fox 4-door
	5000
1976	Fox 2-door, Fox 4-door
	100LS
1975	Fox 2-door, Fox 4-door
	100LS

Audi Model Equivalencies

Prior to 1988/89, Audi models in the USA have different names than those of its European counterparts. After that, Audi unified its model designation. This table illustrates the pre-1988 USA model ranges and their equivalent European model names.

These are generalizations; there are exceptions to this table and many trim level, equipment and engine selection differences exist between US and European models.

Model Year	USA	European
1973-1979	Fox	80
1980-1984	4000	80
1985-1987	4000 4-cyl	80
1985-1987	4000 5-cyl	90
1977-1988	5000	100
1980-1988	5000 turbo	200

Audi Platform Generation / Type Code Guide

Audi currently has four basic "platforms" on which all models are built. The A platform is the smallest, and shared with the VW Golf/Jetta/New Beetle. The B platform is the medium size platform, the C platform is the large sedan platform, and the D platform is the top range platform. The platform code is not to be confused with the Audi model names (e.g., The 1996 Audi A4 model is built on the B5 platform). Each of these platforms have specific type (project) codes that identify the basic chassis type and other specifics. Here is a quick reference.

Model Year	Model	Platform generation	Type code
2000-curr	TT Coupe, TT Roadster	A4	type 8N
1973-1979	Fox	B1	type 82
1980-1987	4000 sedan	B2	type 81
1981-1987	Coupe, Quattro turbo coupe, 4000 quattro	B2	type 85
1988-1992	80, 90, Coupe	B3	type 89
1993-1997	Cabriolet	B3	type 8G
1993-1995	90	B4	type 8A
1996-2001	A4, S4	B5	type 8D
2002-curr	A4	B6	type 8E
1969-1976	100LS	C1	type F104
1977-1983	5000	C2	type 43
1984-1991	5000, 100, 200	C3	type 44

For U.S. market models.

Year/Model, Engine (configuration/displacement/#valves/aspiration), induction/ignition, SAE Horsepower, Notes

All models shown are equipped with electronic ignition, except diesel models and those with CIS basic. All 2000 and later models have drive-by-wire throttle under Motronic ECU control, and all 2001 and later models have ESP (Electronic Stability Program).

A platform				
Type 8N				
2000-02 TT 180hp	I4 1.8L 20V turbo	Motronic	180hp	
2000-02 TT 225hp	I4 1.8L 20V turbo	Motronic	225hp	
B platform				
Type 82				
1978-79 Fox	I4 1.6L 8V	CIS basic	78hp	
Type 81/85				

1980 4000	I4 1.6L 8V	CIS basic	78hp	except quattro
1980 4000 (Calif)	I4 1.6L 8V	CIS OXS	78hp	
1980 4000 5-cyl auto	I5 2.1L 10V	CIS OXS	100hp	
1981-83 4000	I4 1.7L 8V	CIS OXS	76hp	
1980-81 4000 5+5	I5 2.1L 10V	CIS OXS	100hp	
1983 4000 turbo diesel	I4 1.6L 8V turbo diesel	injection pump	72hp	
1984 4000	I4 1.8L 8V	CIS-E	88hp	
1985-87 4000	I4 1.8L 8V	CIS-E, knock sens ign	102hp	
1984-87 4000 quattro	I5 2.2L 10V	CIS-E	115hp	
1981-84 Coupe, GT	I5 2.1L 10V	CIS-E	100hp	
1984.5-87 Coupe GT	I5 2.2L 10V	CIS-E	110hp	
1987.5 Coupe GT	I5 2.2L 10V	CIS-E3	130hp	
1982-85 Quattro (UrQ)	I5 2.3L 10V	CIS*	160hp	
	I5 2.1L 10V turbo			
Type 89				
1988-90 80, 90 w/auto	I4 2.0L 8V	CIS-Motronic	108hp	except quattro except 1990-91 90 quattro
1988-90 80 quattro, 90 w/5sp	I5 2.3L 10V	CIS-E3	130hp	
1991-92 80	I5 2.3L 10V	CIS-E3	130hp	
1990-91 90 quattro	I5 2.3L 20V	Motronic	164hp	
1990-91 Coupe quattro	I5 2.3L 20V	Motronic	164hp	
Type 8A				
1993-95 90	V6 2.8L 12V	EFI***	172hp	
Type 8G				
1993-95 Cabriolet	V6 2.8L 12V	EFI***	172hp	
Type 8D				
1996-97 A4 2.8	V6 2.8L 12V	EFI***	172hp	
1997-00 A4 1.8T	I4 1.8L 20V turbo	Motronic	150hp	
1998-01 A4 2.8	V6 2.8L 30V	Motronic	190hp	
2001 A4 1.8T	I4 1.8L 20V turbo	Motronic	170hp	
2000-02 S4	V6 2.7L 30V biturbo	Motronic	250hp	
Type 8E				
2002-03 A4 3.0	V6 3.0L 30V	Motronic	220hp	
2002-03 A4 1.8T	I4 1.8L 20V turbo	Motronic	170hp	
C platform				

Type 43				
1978 5000	I5 2.1L 10V	CIS basic	100hp	
1979-83 5000	I5 2.1L 10V	CIS OXS	100hp	
1980-83 5000 turbo	I5 2.1L 10V turbo	CIS*	130hp	
1980-82 5000 diesel	I5 2.0L 10V diesel	Injection pump	67hp	
1983 5000 turbo diesel	I5 2.0L 10V turbo diesel	Injection pump	84hp	
Type 44				
1984-85 5000	I5 2.1L 10V	CIS-E	100hp	except 1991 200 quattro
1986 5000	I5 2.2L 10V	CIS-E	110hp	
1987 5000	I5 2.3L 10V	CIS-E3	130hp	
1984-85 5000 turbo	I5 2.1L 10V turbo	CIS**	140hp	
1986-87 5000 turbo	I5 2.2L 10V turbo	CIS**	162hp	
1988-91 100	I5 2.3L 10V	CIS-E3	130hp	
1988-91 200	I5 2.2L 10V turbo	CIS**	162hp	
1991 200 quattro	I5 2.2L 20V turbo	Motronic	217hp	
Type 4A				
1992-94 100	V6 2.8L 12V	EFI***	172hp	
1992-94 S4	I5 2.2L 20V turbo	Motronic	227hp	
1995-97 A6 sedan	V6 2.8L 12V	EFI***	172hp	
1995-98 A6 avant	V6 2.8L 12V	EFI***	172hp	
1995 S6	I5 2.2L 20V turbo	Motronic	227hp	
Type 4B				
1998-01 A6 2.8 sedan	V6 2.8L 30V	Motronic	200hp	
1999-01 A6 Avant	V6 2.8L 30V		200hp	
2000-03 A6 2.7T	V6 2.7L 30V biturbo		250hp	
2000-03 A6 4.2	V8 4.2L 40V		300hp	
2002-03 A6 3.0	V6 3.0L 30V		220hp	
2002-03 S6 Avant	V8 4.2L 40V		340hp	
2000-03 Allroad	V6 2.7L 30V		250hp	
2003 Allroad V8	biturbo		300hp	
2003 RS6	V8 4.2 40V		450hp	
	V8 4.2 40V biturbo			
D platform				
Type 44				

1990-91 V8	V8 3.6L 32V	Motronic	240hp	
1992-94 V8	V8 4.2L 32V	Motronic	278hp	
Type 4D				
1997-98 A8 3.7	V8 3.7L 32V	Motronic	230hp	FWD only
1997-99 A8 4.2	V8 4.2L 32V	Motronic	300hp	
2000-02 A8 4.2	V8 4.2L 40V	Motronic	310hp	
2001-02 A8L 4.2	V8 4.2L 40V	Motronic	310hp	
2001-02 S8	V8 4.2L 40V	Motronic	360hp	

Legends

CIS basic	Bosch continuous fuel injection.
CIS OXS	Bosch continuous fuel injection with OXS, analog ECU.
CIS-E	Bosch continuous fuel injection with OXS, digital ECU.
CIS-E3	Bosch continuous fuel injection, OXS and knock sensing ignition in separate ECUs.
CIS-Motronic	Bosch continuous fuel injection, OXS and integrated knock sensing ignition management.
Motronic	Bosch sequential fuel injection, OXS, integrated knock sensing ignition (and boost if turbo) management.
*	Bosch continuous fuel injection, Hitachi ECU w/ ignition, fuel, OXS and turbo boost management.
**	Bosch continuous fuel injection, Hitachi ECU w/ knock sensing ignition, fuel, OXS and turbo boost management.
***	Bosch sequential fuel injectin, Hitachi ECU w/ knock sensing ignition, fuel and OXS management.

Audi & VW Parts Numbering Guide

Audi and VW factory part numbers follow an easy-to-understand convention that should serve as a model for other manufacturers. A part number usually consists of nine digits divided into three groups of three digits. It may also have an additional letter or number suffix, or a color code suffix, or both.

Here is an example part number that has all of these part number components (for a replacement 1984 Audi 5000S turbo USA specification front bumper cover):

443 807 105 P GRU

- The first group of three digits denotes a vehicle type, or project number that the part was originally designed for. In the case of a vehicle type, the first two digit is the platform type code that is listed in the [type code table](#) above. In our bumper cover example, the type code is *44* which is the platform on which the 1984 Audi 5000S Turbo is based on. Note that the platform

type is not always digits, but may also contain letters. For example, the 1996-2001 Audi A4 has a platform type of "8D"

The third digit is a "variant" code for the platform or project type. In this example, the variant is 3, which signifies that the part was designed for the 4-door sedan version of the type 44 platform (However, this does not mean that the part is only used on this variant).

Engine, transmission and major drive train parts typically do not use platform type codes because they are designed to be installed in many different platforms and models, and thus have separate project codes of their own in place of the platform code.

Part numbers for accessory items will have letters for these first three digits, sometimes to identify a source or manufacturer.

Nuts, bolts, fasteners, washers, etc., typically have a single letter "N" for this group rather than the three digits.

Similarly, items such as fluids, oils, pastes, adhesives, etc. have a single letter "G" for this group.

- The center group of three digits is the primary category that the part belongs to. Here is a description of the general breakdown:

Number Range	Category
100-199	Engine, cooling, clutch
200-299	Fuel tank
300-399	Transmission, transaxle
400-499	Front axle, suspension
500-599	Rear axle
600-699	Brakes
700-799	Cables
800-899	Body and interior
900-999	Electrical

In our bumper cover example, the number 807 falls into the "Body and Interior" category.

- The last group of three digits is the identifier of the individual part. In our bumper cover example, it is 105.
- The letter or number suffix, when present, denote a particular specification of a part, or a version. In our bumper cover example, the letter suffix is *P*. It is *not* safe to assume that a higher suffix is

interchangeable with a lower one. For example, if the part number digits are the same, but one part has the suffix "B" and the other has "A" it is not always true that the "B" part can be used to replace the "A" part.

- The color code suffix is usually only present for interior or body parts that come in different colors. Our example is *GRU*, which actually stands for "primered, ready to paint"
- The factory sometimes discontinue a part and "supercedes" it with another number. When this occurs, the new part is considered a "plug-compatible" replacement for the original version. The VW/Audi ETKA system (Electronic parts catalog) that the dealers' parts department uses are updated regularly to reflect these changes. Therefore when you order a part that has been superceded, the dealer will obtain the new version for you.

Audi Quattro Generations

All Audi quattros are full-time all-wheel drive except the Haldex-equipped models. Here is a general description of the evolution of the quattro system since its inception.

Gen	Description	Models
I	Open front differential Open center differential, manually lockable* Open rear differential, manually lockable*	1981-87 Audi Quattro turbo coupe 1984-87 Audi 4000 quattro 1986-87 Audi 5000 quattro VW Quantum Syncro
II	Open front differential Torsen center differential Open rear differential, manually lockable**	1988-91 Audi Quattro turbo coupe 1989-95 Audi 80/90 quattro, Coupe quattro, S2, RS2 1988-95 Audi 100/200 quattro, S4, S6
III	Open front differential Planetary gear center with electronically-controlled multi-plate locking clutch (Torsen center differential with manual-transmission) Torsen rear differential	1990-94 Audi V8
IV	Open front differential with EDL*** Torsen center differential Open rear differential with EDL***	1995.5 Audi S6 1996-curr Audi A4, S4, RS4, A6, S6, A8, S8 1998-curr VW Passat 4Motion

Haldex	<p>Open front differential with EDL***</p> <p>Haldex clutch center, electronically controlled</p> <p>Open rear differential with EDL***</p> <p>Normally FWD, but Haldex direct torque to the rear when slip occurs</p>	<p>2000-curr Audi TT, A3, S3</p> <p>2000-curr VW Golf/Jetta(Bora) 4Motion</p>
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* ABS disabled when locked (if equipped)

** ABS disabled when locked; automatically unlocks when speed exceeds 15mph

*** Electronic Differential Lock: uses ABS to selectively brake a slipping wheel

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