



# 2005 Audi S4 Cabriolet Product Information



**S4 Cabriolet** 

FOR INTERNAL USE ONLY! Audi of America, Inc.





Standard equipment includes all in A4 Cabriolet, plus / including following highlights:

- 4.2 liter V8 engine with 340 hp
- 6-speed manual (standard) or 6-speed automatic (optional) tiptronic transmissions
- quattro permanent all-wheel drive
- 8J x 18" AVUS design cast-alloy wheels with 235/40 high-performance tires
- High-performance FNRG-60 front brakes
- Xenon headlamps remain (sedan and avant equipped with Bi-Xenon)
- S-model exterior differentiation, including:
  - Double grille in unique S-model execution Full body exterior paint
  - Distinctive S4 exterior mirror housings
- Large front air intakes
- S4 nomenclature on the trunk lid and front gi- Unique color program
- Silk Nappa leather interior with opposite color piping
- Gray birch wood trim
- Gray instrument gauges with S4 logo
- 3-spoke sport steering wheel with Tiptronic paddle controls (automatic models)

#### CW 22/04

Warning Triangle discontinued (early 2005's may still be equipped with these)

CW 45/04 - mid model year 2005 change

- Large-screen DVD Navigation system with color screen (pkg with glovebox 6-CD changer)
- New center console with cupholders (same SOP for B7 sedan/avant)

#### Miscellaneous

Cabriolet will retain its exterior styling for several model years = no facelift

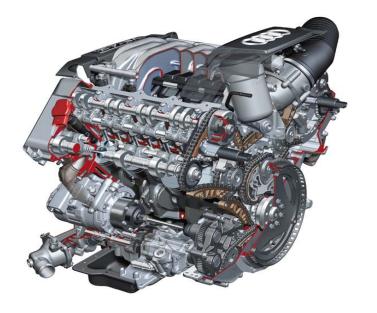




For the first time ever, the S4, let alone the Cabriolet comes standard with a 4.2 liter V8 power plant. This engine represents one of Audi's new generation V8 engines with a repositioned chain in the rear of the engine. This V8 is capable of producing 340 horsepower at 7,000 rpm and 302 lbs-ft. of torque at 3,500 rpm.



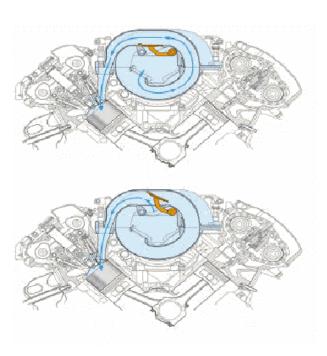




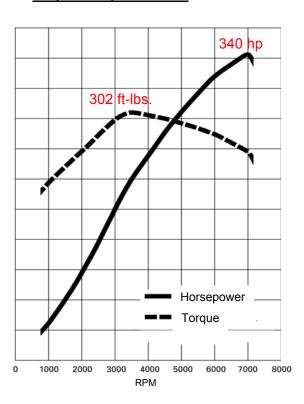
#### 4.2 V8 Engine Features

- 340 hp @ 7,000 rpm
- 302 lbs-ft. @ 3,500 rpm Aluminum engine block
- 5-valve technology
- DOHC
- Two stage variable intake manifold
- LEV certified

Two-stage Intake Manifold



#### **Torque/Horsepower curves**







The S4 Cabriolet features a very sporty interior, including following equipment items:

- Silk Nappa leather interior with opposite color piping
- Gray birch wood trim (can also be substituted by aluminum or carbon fiber trim)
- Gray instrument gauges with S4 logo
- 3-spoke sports steering wheel with Tiptronic paddle controls (on Automatic models)







Every A4 & S4 Cabriolet features a variable cargo compartment (shown above). The trunk capacity is determined by whether the top is up or down. With top up, the cargo capacity is 10.2 cu. Ft., with top down, it is 8.9 cu. Ft. *Minimum necessary clearance for opening the convertible top is 85 inches / 7 ft. 1 inch.* 

#### Power Top

The A4 & S4 Cabriolet features fully automatic powe Holding a button for 24 seconds is all that's needed to retract or close the top.

The triple-layer top is specifically designed to isolate noise coming from outside and features heated rear glass window.

It is optimized to reduce noise and isolate temperature. Its horizontal ribs assure that there is no typical "bubbling effect" that many other convertibles encounter.







The 2005 A4 & S4 Cabriolet includes a variety of safety features, including:

- Four wheel ABS with Electronic brake pressure distribution for rear brakes (EBD)
- BrakeAssist for improved emergency braking
- Driver and front passenger next generation airbag supplemental restraint system
- Driver and front passenger seat mounted head / thorax airbag supplemental restraint system
- Active rollover protection system (shown above)
- Impact protection, including reinforced high strength steel / aluminum crossmembers
- "Upfront" crash sensors for improved deployment timing
- Side intrusion beams in side doors which ensure equal distribution of forces in case of side impact
- Fuel tank within protective bodywork structure
- Lower child seat anchors (LATCH system) for both rear seating positions
- Two front head restraints; 2 rear head restraints
- Two front fog lights located in lower front bumper; one rear foglight
- Front 3-point safety belts; Rear 3-pt. safety belts
- Seat belt pre-tensionersfor all positions; force limiters for front seat belts
- Front passenger and rear safety belts with convertible locking retractors



	Legend	S4 Cabriolet
	x = Standard o = Optional -= Not available  Equipment details generally apply to USA and Canada.	
Ļ	General Technical	
•	4.2 liter 340 hp DOHC 5-valve V8 engine with two-stage variable intake manifold LEV (Low Emission Vehicle) certification	X
•	6-speed manual transmission with synchronized reverse gear; dual mass flywheel	X X
•	6-speed automatic transmission with Tiptronic® (allowing driver to select gears manually) and	^
	Dynamic Shift Program (DSP) which selects from over 200 shift programs to match driver	О
	needs. Transmission also includes hill detection capability	· ·
•	Four-wheel Anti-lock Brake System (ABS) with Electronic Brake pressure Distribution (EBD)	х
•	Brake Assist, a system which automatically senses emergency braking and applies maximum	
	available power boost to reduce overall stopping distance	Х
•		V
	"quattro" - permanent all-wheel drive system, includes Torsen <sup>®</sup> torque sensing center differential	Х
•	Fully galvanized sheet metal	Х
•	CAN network, including 3 fully functional CAN circuits (Infotainment / Comfort / Powertrain)	Х
•	ESP (Electronic Stabilization Program), version 5.7. System also includes ABS / EBD / EDL /	Х
_	ASR	
•	CFC-free (chloroflourocarbon) air conditioning refrigerant Fully automatic aluminum & steel convertible soft top with optimized noise and temperature	Х
	insulation and heated glass rear window	x
	Wheels / Tires	
•	8J x 18 ET 43 / 6-spoke forged alloy wheels with 235/40 high-performance tires	Х
	Full size spare tire with matching alloy wheel	х
	Suspension / Steering / Brakes	
•	Front ventilated disc brakes, (FNRG-60), 345mm x 30mm rotors	Х
•	Rear ventilated disc brakes (C43HR), 302mm x 22mm rotors	Х
•	Four-wheel Anti-lock Brake System (ABS) with Electronic Brake pressure Distribution (EBD)	Х
•	Brake Assist, a system which automatically senses emergency braking and applies maximum	x
•	available power boost to reduce overall stopping distance "S" Model Sport suspension, including stiffer shocks / springs, stronger stabilizer bars in front /	
•	rear, suspension lowered by 30 mm	x
•	Four-link front suspension with high aluminum content including forged aluminum upright	Х
•	Trapezoidal link, fully independent rear suspension	X
•	Rack and pinion (Servotronic) close ratio power steering for more sporty driving / handling	х
•	Tilt and telescopic manually adjustable steering column	Х
	Exterior Features	
•	5 MPH (Federal standard) front and rear bumpers	Х
-	Retractable high pressure headlight washers concealed in the front bumper	X
•	Heated windshield washer nozzles Satellite radio preparation, including concealed under-trunk antenna able to receive signals from	Х
	Sirius and XM satellite radio	x
•	Concealed antenna system (GPS, Satellite and AM/FM radio prep)	
•	Distinctive S4 exterior mirror housings, left side flat, right side convex	v
•	Metallic / Pearl Effect paint	X
•	Nomenclature:	
	- S4 on rear deck lid, left center	Х
	- S4 on right side of upper front grille	
	- Four rings on top center of rear deck lid	Х
	- Four rings on top center of front grille	X
	- 85 mm quattro badge on dashboard belt line trim  Exterior Lighting	Х
•	Aerodynamic 2-way ellipsoid projector headlamp assembly with VF (variable focus) reflectors,	
	integrated low beam and high beam tubes	X
	Two front fog lights located in lower front bumper	Х
•	One rear fog light in left rear light	х
•		
•	Rear light assemblies with white side turn indicators and amber shine-through bulbs	Х
•		X X X



Legend	S4 Cabriole
x = Standard o = Optional - = Not available	
Comfort / Convenience	
Fully automatic dual-zone climate control system with seven temperature sensors, sun sensor	
and pressure sensor. Also includes active charcoal and electrostatic filters, which sense pollen, odors, bacteria and dust.	х
HomeLink <sup>®</sup> universal garage door opener in driver's sunvisor	0
Front and rear quarter power windows with:	Х
- power retention feature, which keeps power for windows and	
sunroof on until either front door opens	
- "pinch protection" for all four windows which reverses window	
at force of 100 N or greater	
- "one-touch" individual up and down function for front and rear window controls at all window locations	
- master switch that retracts all windows at the same time	
- master switch that retracts all windows at the same time	
- windows automatically lower a few millimeters when either front door opens	
Electronic cruise control with coast, resume, speed up & down, controlled by a lever on left side	х
of steering wheel; cruise control indicator located in the instrument panel	
Auto-Blink feature enables turn signals to automatically blink three times when blinker lever briefly pushed up/down (common when changing lane)	х
Power central locking system (doors, deck lid and fuel door) with selective unlocking (enables unlocking of a single front door or all doors), plus:	х
- convenience open and close feature for windows & convertible top	
(opens / closes all windows and convertible top when key held in	
driver lock / unlock position)	
front master switches located in driver and front passenger	
doors, include LED's to signal when vehicle is locked.	
- rear master switch located in center console, under ashtray.  The switch is used for locking all doors. It's a lock-only switch,	
and it includes LED to signal when the vehicle is locked.	
<ul> <li>central locking can be programmed at any authorized Audi dealer to automatically lock when vehicle reaches 8 MPH.</li> </ul>	
Vehicle then automatically unlocks when key taken out of	
ignition.	
Automatically dimming outside mirrors with folding feature	0
Four-position driver side memory for seat and mirror adjustments	0
Electrically adjustable outside rearview mirrors with heating feature. Heating is automatically	
activated when outside temperature is less than 59 degrees F. When outside temperature	Х
reaches 77 degrees F, heating automatically stops.	
Illuminated vanity mirrors in left and right front sunvisors	Х
Ski sack	Х
Third, middle sunvisor above rearview mirror	Х
Rear deck lid release with "soft touch" opening feature and remote deck lid release located in driver's door	х
Extended range (up to 150 ft.) radio frequency remote locking system with security "rolling	-
code" feature, selective unlock, remote trunk opening and panic function, also activates interior	Х
lights and alarm system - all integrated in folding key  Interior lights in front with fade-in and fade-out feature, time delay and automatic switch on when	
key is withdrawn from ignition	х
Illuminated glove box, rear cargo area, lighter and ashtray	х
Seating	
12-way sport power front (driver & passenger) seats including 4-way electric lumbar adjustment	х
and adjustable head restraints	
Front seat-back map net pockets	X X
Three 3-point safety belts for all front and rear positions (total of 4)	



Legend	S4 Cabriole
x = Standard o = Optional -= Not available	
Interior	
Genuine Silk Nappa full-leather seat upholstery; door inserts, front / rear center armrest, shift	
knob and steering wheel in matching leather	Х
Front and rear floor mats with fastening mechanism	х
Genuine gray birch wood trim on dashboard, door panel interior beltline, center console and	
front / rear ashtrays	Х
Carbon Fiber trim on dashboard, door panel interior beltline, center console and front / rear	
ashtrays	0
3-spoke leather wrapped sport steering wheel (with Tiptronic paddle controls on automatic	
models)	х
Leather covered transmission shift knob (automatic models), shift boot (manual models) and	
hand brake handle (all models)	Х
Folding front center armrest with adjustable height and dual cupholder	х
Automatically dimming interior mirror with digital compass	0
Full length center console with:	X
- Front and rear ashtray	
- 12 V power outlet w/ lighter (SAE)	
- storage area under center armrest	
- retractable front cupholder with protective drip tray	
Fold down rear center armrest with a comprehensive First-aid kit	х
Dual rear cupholder located in the rear center armrest	х
Protective door sill trim	Х
Climate control panel (in center console) with integrated heated seat switches (when heated	
seats ordered)	Х
Ambient red lighting in headliner for dash and center console	х
Illuminated air vent controls in dashboard	х
Four tie-down eyelets with luggage net in trunk	X
Tool kit located in the spare wheel well	x
Instruments / Electrical equipment	
450 A Battery (95 AH)	Х
Backlit instrument cluster with automatic brightness control including following features:	X
- sporty, tubular gauge design	
- white numbering with red pointers, digital clock with date	
- tachometer, electronic speedometer	
- fuel gauge, coolant temperature gauge	
- various additional warning lights	
- Driver information display (described below)	
Digital trip odometer with service interval indicator	х
Eight color driver information display including:	х
- 5-function trip computer (timer / miles-to-empty / average MPG /	
average MPH / instant MPG)	
,	
- outside temperature display	+
- radio / telephone / navigation / telematics display	
- Auto Check system which constantly monitors various functions	
and components within the vehicle, such as battery voltage,	
brake pad indicator, oil level indicator, washer fluid indicator,	
and more.	
- speed warning device	
- pictogram display for open door and trunk	1
Concealed headlight washer system, integrated in the front bumper	Х
Windshield wipers with 4-position adjustable intermittent interval rate	Х
Heated windshield washer nozzles	х



Legend	S4 Cabriolet
x = Standard o = Optional -= Not available	
Instruments / Electrical equipment continued	
Advanced anti-theft vehicle alarm system with following features:	X
- theft deterrent light in driver's door	
<ul> <li>III. Generation Immobilizer prevents engine start when key with automatically changing electronic code feature is not used</li> </ul>	
- back-up horn     - tilt sensor which prevents theft by towing; function can be	
, , , , , ,	
defeated by switch located in driver's door - system automatically arms when vehicle locked	
Second generation Audi Symphony radio with:	
- AM / FM with 24 channel preset capability (12 FM / 12 AM)	X
- digital AM / FM tuner in combination with dual diversity antenna	
system	
- in-dash six-disc CD changer	<del>-  </del>
- random mode for individual CD's as well as entire CD changer	
- cassette player with auto reverse and music search feature	
- RDS (Radio Data System) displays radio station	
call letters and other information	
- "Autostore" function which automatically selects 6 AM and 6 FM	
strongest stations in the area	
- theft deterrent design which only fits an Audi vehicle	
- GALA (Graduated Audio Level Adjustment) varies volume	
based on vehicle speed; NOTE: deactivated with Bose AudioPilot noise compensa	
Sound system with total of 9 speakers	X
Rear window defroster. When activated, defroster remains continuously on when outside	
temperature is 32 degrees F (zero C) or below. When temperature is 33 degrees F or above	ve, x
function automatically turns off after approx. 10 minutes.	
<ul> <li>CAN network, including 3 fully functional CAN circuits (Infotainment / Comfort / Powertrain)</li> </ul>	Х
Safety / Security	
• Four-wheel Anti-lock Brake System (ABS) with Electronic rear Brake pressure Distribution	х
(EBD)	
Brake Assist, a system which automatically senses emergency braking and applies maximum.	um x
available power boost to reduce overall stopping distance	
<ul> <li>Driver and front passenger next generation airbag supplemental restraints with dual thresh</li> </ul>	old x
deployment determined by seat belt buckle switches	^
Driver and front passenger seat-mounted head/thorax side airbag supplemental restraints	Х
"Up front" crash sensors (2), which include integrated system of 6 sensors throughout the	
vehicle which can best determine severity of a crash, and can therefore better deploy	х
technology designed to protect the passengers.	
Active rollover protection system	Х
If crash sensor system is activated, following will happen automatically:	Х
- central locking automatically unlocks	
- interior lighting is switched on	
- fuel pump and engine are switched off	
- hazard warning lights are switched on	
Impact protection, including reinforced high strength steel / aluminum crossmembers, reinfo	orced
bumpers, and rigid occupant cell	X
Side intrusion beams in side doors which ensure equal distribution of forces in case of side	
impact	Х
Fuel tank within protective bodywork structure with special safety valves which prevent	
gravitational fuel spillage in case of rollover	Х
LATCH (Lower Anchors and Tethers for CHildren) seat provisions in rear seats	х
Two front head restraints with locking mechanism to keep restraints in place	X
Two rear head restraints	X
Two front fog lights located in lower front bumper	X
One rear fog light in left rear light	X
Front 3-point safety belts with automatic pretensioning, and belt force limiters	X



Legend	S4 Cabriolet
x = Standard o = Optional - = Not available	
Safety / Security continued	
<ul> <li>Front passenger and rear safety belts with CLR (Convertible Locking Retractor, a ratcheting mechanism for conveniently securing a child seat)</li> </ul>	x
Front seats include a high strength steel reinforcement construction to protect from side rear impact; additional protection against loose loads sliding forward during heavy braking	х
<ul> <li>Seatbelt buckle sensors for front passengers which control airbag deployment based on whether the passenger is restrained</li> </ul>	x
<ul> <li>Auto-Blink feature enables turn signals to automatically blink three times when blinker lever briefly pushed up/down (common when changing lane)</li> </ul>	x
Reflectors in rear of all doors	X
First Aid kit in rear center armrest	X
Communication	
<u>Audi Navigation System</u> uses GPS (Global Positioning System) to navigate by the means of color driver information display (located in the instrument cluster) and audible instructions	0
• CAN network, including 3 fully functional CAN circuits (Infotainment / Comfort / Powertrain)	Х
<ul> <li>Eight-color Driver Information Display (only available with Audi Navigation System); resolution of 442x236 pixels</li> </ul>	х
Second generation Audi Symphony radio	Х
Sound system with total of 9 speakers	Х
Bose premium sound system with AudioPilot® noise compensation feature, including:	0
- total of 9 speakers, rear subwoofer and front centerfill speaker	
- Bose Nd <sup>®</sup> NeoDymium Iron Boron high-efficiency woofer	
Satellite radio preparation, including under-trunk antenna: receive signals from Sirius and XM	Х



	Legend	S4
		Cabriolet
	x = included in package o = Optional	
	Options generally apply to USA and Canada.	
	Optional Equipment	
	Premium package (PPX)	
ľ		0
	- Homelink <sup>®</sup> universal garage door opener	Х
	- Automatically inside dimming mirror with digital compass	Х
	- Auto dimming outside mirrors with electric folding feature	Х
	- Driver side memory for front seat and mirror adjustments	Х
	- Light sensor package, including:	Х
	x "Coming home" function	
	x "Leaving home" function	
	x Automatic light switch	
	- Wind Screen	Х
•	Audio package (8RY)	0
	- Bose® premium sound system with AudioPilot® noise compensation feature, including total of 9 speakers and using state-of-the-art Bose Nd® speaker technology	x
	- Satellite radio (Choice of XM or Sirius) U.S. ONLY!!!	Х
$\vdash$		
	Separate options	
•	4-spoke multifunction steering wheel (2ZQ)	0
•	Carbon fiber belt line trim (5MK)	0
•	Audi Navigation System (7Q9)	0
•	Heated front seats (4A3) (Standard in Canada = heated rear seats optional)	0



	Exterior Color / Soft Top Color		Premium Leather Sport Seats (N5T / Q1D)		
			Black w/	Silver w/	Red w/
			Silver piping	Black piping	Black piping
			ZM	ZQ	ZU
25					
B5	Arctic White	(Y9D)			
	w/Black roof		x	-	х
	w/Red roof		x	-	-
A2	Brilliant Black w clearcoat	(9YB)			
	w/Black roof		х	х	х
	w/Red roof		х	х	х
C8	Brilliant Red				
	w/Black roof		х	х	-
5B	Light Silver Metallic	(Y7W)			
	w/Black roof		х	х	х
	w/Red roof		х	х	х
F5	Dolphin Gray Metallic	(X7Z)			
	w/Black roof		х	х	х
	w/Red roof		-	-	х
4Z	Ebony Black Pearl Effect				
	w/Black roof		х	х	х
	w/Red roof		х	х	х
5N	Sprint Blue				
	w/Black roof		х	х	-
3W	Cambridge Green				
	w/Black roof		х	-	-
P7	Moro Blue Pearl Effect	(Z6X)			
	w/Black roof		х	х	х
	w/Blue roof		х	х	х
	w/Red roof		-	-	х

Seats / Door inserts /	Wood Trim (3.0)	Upper Dashboard	Carpet	Headliner
<u>Armrest</u>				
Black (ZM)	Gray Birch	Black	Black	Black
Silver (ZQ)	Gray Birch	Black	Black	Black
Red (ZU)	Gray Birch	Black	Black	Black





#### **Standard**

8J x 18 AVUS-design cast alloy wheels ET 43 Pr. Nr. CL7

235/40 high-performance tires Pr. Nr. H2U

Conti Sport Contact 2

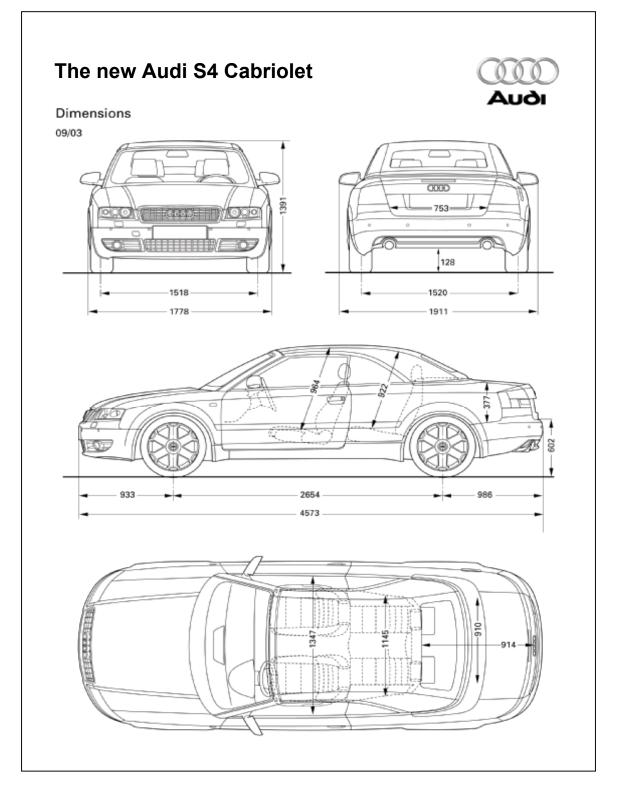


Technical Specifications	2005 Audi S4 Cabriolet
ENGINE:	
Туре	V8-arrangement 8-cylinder with Double Overhead Camshafts and two-stage variable intake manifold
Arrangement	Front mounted
Bore	3.33 in. 84.5 mm
Stroke	3.65 in. 92.8 mm
Displacement	254 cu. in. 4163 cc
Compression ratio	11.0:1
Fuel requirement	Premium unleaded 91 AKI / 95 RON recommended for maximum performance
Horsepower (SAE)	340 hp @ 7000 rpm
Max. Torque	302 lbs. ft. @ 3500 rpm
ENGINE DESIGN:	
Cylinder block	
Crankshaft	
Cylinder head	Aluminum alloy
Valve train / intake	Intake camshaft adjustment, DOHC belt driven, hydraulic lifters
Firing order	make canishan adjustment, bone ben divert, nydradiic liners
•	Water-cooled, thermostatically controlled radiator fan
Cooling system  Lubrication system	Gear pump, pressurized, full flow with oil cooler
Fuel injection /	Motronic 7.1.1: fully electronic sequential injection, hot-film air mass measurement, drive-by-wire throttle control, mapped
Ignition system	
Emission system	ignition with solid-state high-voltage distribution, cylinder-selective adaptive knock control using four sensors  Two close-coupled primary and two underfloor main catalytic converters; adaptive lambda control with two heated oxygen
Emission system	sensors before and two after the converter.
	Sensors before and two after the converter.
ELECTRICAL SYSTEM:	
Battery	12 volts 95 amp/hr
Alternator	14 volts 190 amp
DRIVETRAIN:	
Transmissions	• 6-speed manual transmission
_	• 6-speed automatic with Tiptronic®
Туре	quattro Manual 6-speed Automatic 6-speed w/ Tiptronic®
Gear ratios: 1st	3.667:1
2nd	2.050:1
3rd	1.462:1
4th	1.133:1 Data not yet available
5th	
Oth	0.919:1
6th	0.778:1
Final Drive	0.778:1 3.889:1
Final Drive Front Differential	0.778:1 3.889:1 Hypoid gear, electronically locking (EDL)
Final Drive	0.778:1 3.889:1 Hypoid gear, electronically locking (EDL) TORSEN® (TORque SENsing) differential providing
Final Drive Front Differential	0.778:1 3.889:1 Hypoid gear, electronically locking (EDL)
Final Drive Front Differential	0.778:1 3.889:1 Hypoid gear, electronically locking (EDL) TORSEN® (TORque SENsing) differential providing
Final Drive Front Differential Center Differential	0.778:1 3.889:1 Hypoid gear, electronically locking (EDL) TORSEN® (TORque SENsing) differential providing automatic and variable front to rear power proportioning
Final Drive Front Differential Center Differential Rear Differential  STEERING:	0.778:1 3.889:1 Hypoid gear, electronically locking (EDL) TORSEN® (TORque SENsing) differential providing automatic and variable front to rear power proportioning Hypoid gear, electronically locking (EDL)
Final Drive Front Differential Center Differential  Rear Differential  STEERING: Type	0.778:1 3.889:1 Hypoid gear, electronically locking (EDL) TORSEN® (TORque SENsing) differential providing automatic and variable front to rear power proportioning Hypoid gear, electronically locking (EDL)  Maintenance-free rack-and-pinion steering with power assist
Final Drive Front Differential Center Differential Rear Differential  STEERING: Type Ratio	0.778:1 3.889:1 Hypoid gear, electronically locking (EDL) TORSEN® (TORque SENsing) differential providing automatic and variable front to rear power proportioning Hypoid gear, electronically locking (EDL)  Maintenance-free rack-and-pinion steering with power assist 14.5:1
Final Drive Front Differential Center Differential Rear Differential  STEERING: Type Ratio Turns (lock-to-lock)	0.778:1 3.889:1 Hypoid gear, electronically locking (EDL) TORSEN® (TORque SENsing) differential providing automatic and variable front to rear power proportioning Hypoid gear, electronically locking (EDL)  Maintenance-free rack-and-pinion steering with power assist 14.5:1 2.48
Final Drive Front Differential Center Differential Rear Differential  STEERING: Type Ratio	0.778:1 3.889:1 Hypoid gear, electronically locking (EDL) TORSEN® (TORque SENsing) differential providing automatic and variable front to rear power proportioning Hypoid gear, electronically locking (EDL)  Maintenance-free rack-and-pinion steering with power assist 14.5:1
Final Drive Front Differential Center Differential Rear Differential  STEERING: Type Ratio Turns (lock-to-lock)	0.778:1 3.889:1 Hypoid gear, electronically locking (EDL) TORSEN® (TORque SENsing) differential providing automatic and variable front to rear power proportioning Hypoid gear, electronically locking (EDL)  Maintenance-free rack-and-pinion steering with power assist 14.5:1 2.48
Final Drive Front Differential Center Differential Rear Differential  STEERING: Type Ratio Turns (lock-to-lock) Turning circle (curb-to-curb)	0.778:1 3.889:1 Hypoid gear, electronically locking (EDL) TORSEN® (TORque SENsing) differential providing automatic and variable front to rear power proportioning Hypoid gear, electronically locking (EDL)  Maintenance-free rack-and-pinion steering with power assist 14.5:1 2.48
Final Drive Front Differential Center Differential Rear Differential  STEERING: Type Ratio Turns (lock-to-lock) Turning circle (curb-to-curb)  SUSPENSION:	0.778:1 3.889:1 Hypoid gear, electronically locking (EDL) TORSEN® (TORque SENsing) differential providing automatic and variable front to rear power proportioning Hypoid gear, electronically locking (EDL)  Maintenance-free rack-and-pinion steering with power assist 14.5:1 2.48 37.7 ft. 11.5 m
Final Drive Front Differential Center Differential Rear Differential  STEERING: Type Ratio Turns (lock-to-lock) Turning circle (curb-to-curb)  SUSPENSION: Front	0.778:1 3.889:1 Hypoid gear, electronically locking (EDL) TORSEN® (TORque SENsing) differential providing automatic and variable front to rear power proportioning Hypoid gear, electronically locking (EDL)  Maintenance-free rack-and-pinion steering with power assist 14.5:1 2.48 37.7 ft. 11.5 m
Final Drive Front Differential Center Differential Rear Differential  STEERING: Type Ratio Turns (lock-to-lock) Turning circle (curb-to-curb)  SUSPENSION: Front Rear  BRAKES:	0.778:1 3.889:1 Hypoid gear, electronically locking (EDL) TORSEN® (TORque SENsing) differential providing automatic and variable front to rear power proportioning Hypoid gear, electronically locking (EDL)  Maintenance-free rack-and-pinion steering with power assist 14.5:1 2.48 37.7 ft. 11.5 m  Four link, upper and lower control arms, stabilizer bar, coil spring/shock absorbers (gas charged) Fully independent, trapezoidal link rear suspension, stabilizer bar, separate coil springs and shock absorbers (gas charged)
Final Drive Front Differential Center Differential Rear Differential  STEERING: Type Ratio Turns (lock-to-lock) Turning circle (curb-to-curb)  SUSPENSION: Front Rear	0.778:1 3.889:1 Hypoid gear, electronically locking (EDL) TORSEN® (TORque SENsing) differential providing automatic and variable front to rear power proportioning Hypoid gear, electronically locking (EDL)  Maintenance-free rack-and-pinion steering with power assist 14.5:1 2.48 37.7 ft. 11.5 m  Four link, upper and lower control arms, stabilizer bar, coil spring/shock absorbers (gas charged) Fully independent, trapezoidal link rear suspension, stabilizer bar, separate coil springs and shock absorbers (gas charged) Dual circuit brake system with diagonal split, Anti-lock Brake System (ABS), Electronic Brake Distribution (EBD) and
Final Drive Front Differential Center Differential Rear Differential  STEERING: Type Ratio Turns (lock-to-lock) Turning circle (curb-to-curb)  SUSPENSION: Front Rear  BRAKES: Service brake	0.778:1 3.889:1 Hypoid gear, electronically locking (EDL) TORSEN® (TORque SENsing) differential providing automatic and variable front to rear power proportioning Hypoid gear, electronically locking (EDL)  Maintenance-free rack-and-pinion steering with power assist 14.5:1 2.48 37.7 ft. 11.5 m  Four link, upper and lower control arms, stabilizer bar, coil spring/shock absorbers (gas charged) Fully independent, trapezoidal link rear suspension, stabilizer bar, separate coil springs and shock absorbers (gas charged)  Dual circuit brake system with diagonal split, Anti-lock Brake System (ABS), Electronic Brake Distribution (EBD) and Electronic Stabilization Program (ESP); tandem brake booster
Final Drive Front Differential Center Differential Rear Differential  STEERING: Type Ratio Turns (lock-to-lock) Turning circle (curb-to-curb)  SUSPENSION: Front Rear  BRAKES:	0.778:1 3.889:1 Hypoid gear, electronically locking (EDL) TORSEN® (TORque SENsing) differential providing automatic and variable front to rear power proportioning Hypoid gear, electronically locking (EDL)  Maintenance-free rack-and-pinion steering with power assist 14.5:1 2.48 37.7 ft. 11.5 m  Four link, upper and lower control arms, stabilizer bar, coil spring/shock absorbers (gas charged) Fully independent, trapezoidal link rear suspension, stabilizer bar, separate coil springs and shock absorbers (gas charged) Dual circuit brake system with diagonal split, Anti-lock Brake System (ABS), Electronic Brake Distribution (EBD) and
Final Drive Front Differential Center Differential Rear Differential  STEERING: Type Ratio Turns (lock-to-lock) Turning circle (curb-to-curb)  SUSPENSION: Front Rear  BRAKES: Service brake	0.778:1 3.889:1 Hypoid gear, electronically locking (EDL) TORSEN® (TORque SENsing) differential providing automatic and variable front to rear power proportioning Hypoid gear, electronically locking (EDL)  Maintenance-free rack-and-pinion steering with power assist 14.5:1 2.48 37.7 ft. 11.5 m  Four link, upper and lower control arms, stabilizer bar, coil spring/shock absorbers (gas charged) Fully independent, trapezoidal link rear suspension, stabilizer bar, separate coil springs and shock absorbers (gas charged)  Dual circuit brake system with diagonal split, Anti-lock Brake System (ABS), Electronic Brake Distribution (EBD) and Electronic Stabilization Program (ESP); tandem brake booster



Technical Specifications (c	continued) 2005 Audi S4 Cabrio
CABRIOLET TOP:	Minimum necessary clearance for opening the convertible top is 85 inches / 7 ft. 1 inch.
WHEELS:	Standard (CL7)
Size	8J x 18
Offset	43 mm
Weight Type	5.8 lbs Cast alloy
	·
TIRES: Size	<b>Standard (H2U)</b> 235/40
Speed rating	Z
Construction	Radial
Load Index	91
Brand / Type (all approved)	Conti Sport Contact 2
BODY:	
Material	Unitized steel structure with integrated aluminum and magnesium components
Corrosion protection	All steel parts are 100% dual-side zinc-galvanized. (12-year limited warranty against corrosion perforation)
CAPACITIES:	
Engine oil	quattro
Engine oil Fuel tank	11.3 qt. 10.7 liter 16.6 gal. 63 liter
Cooling system	12.9 qt. 12.2 liter
EXTERIOR DIMENSIONS:	120 qt. 122 mor
EVIEWOK DIMENSIONS:	quattro
Wheelbase	104.5 in. 2654 mm
Track: front / rear	59.8 in. 1518 mm / 59.9 in. 1520 mm
Overall length	180.0 in. 4573 mm
Overall width / with mirrors	70.0 in. 1778 mm /75.2 in. 1911 mm
Height (unloaded)	54.8 in. 1391 mm
Ground clearance (loaded)	5.0 in. 128 mm
Curb weight: man. / auto.	4089.9 lbs. 1855 kg / 4178 lbs. 1895 kg
Distribution: % front / rear	57/43 (6-Speed) 59/41 (Tiptronic)
Drag coefficient: Front / quattro	Cw = 0.30 Frontal Area = 2.11 sq.m.
INTERIOR DIMENSIONS (SAE mea	
Seating Capacity EPA class	4 Compact
Head room front / rear	37.95 in. 964 mm / 36.3 in. 922 mm
w/sunroof front / rear	n/a in. n/a mm / n/a in. n/a mm
Shoulder rm. front / rear	53.0 in. 1347.0 mm / 45.1 in. 1145.0 mm
Leg room front / rear	41.3 in. 1050.0 mm / 32.4 in. 823.0 mm
Interior vol. front / rear	42.2 cu. ft. / 30.7 cu. ft. 89.0 = total of cu. ft (including trunk volume)
Luggage Capacity	10.2 cu. ft.
PERFORMANCE:	
	quattro
0.50 mm/s (0.00)	Manual 6-speed 6-speed Tiptronic automatic
0-50 mph (0-80kmh)	4.5 sec. 4.7 sec.
0-60 mph (0-100 km/h) 1/4 mile	5.8 sec. 6.1 sec. 14.2 sec.
Top speed	14 sec. 14.2 sec.  Top speed is electronically limited at 155 MPH (250 km/h)
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FUEL ECONOMY: EPA	A estimate
	quattro
	Manual 6-speed 6-speed Tiptronic automatic
City	15 mpg 17 mpg
Highway	21 mpg 23 mpg
Combined	17 mpg 20 mpg
FUEL ECONOMY: Canadian	n Estimate
	Manual 6-speed 6-speed Tiptronic automatic
City	15.8 liters/100km 13.3 liters/100km <b>Can TBD</b>
Highway	10.2 liters/100km 9.3 liters/100km







#### S4 Cabriolet Competitive Set: 4-Seat, high-performance sports convertibles



#### Mercedes-Benz CLK 55 AMG Cabriolet

Engine: 5.5L V8 362 hp / 376 lb.-ft.

Transmission: Automatic

Drive train: Rear wheel drive



#### **BMW M3 Cabriolet**

Engines: 3.2L I6 333 hp / 162 lb.-ft.

Transmission: Manual or Automatic Drive train: Rear wheel drive



#### Jaguar XKR Convertible

Engines: 4.2L V8 390 hp / 399 lb.-ft.

Transmission: Automatic
Drive train: Rear wheel drive