

Audi > C6 > 2005-2007
Suspension, Wheels and Steering
44 - Specifications

Wheel Alignment Specified Values

Front and all wheel drive

Specifications valid for all engine versions

Front axle	Standard suspension (1BA) Urban suspension (1BB)	Sport suspension (1BE)	Heavy duty suspension (1BR)	Sport suspension quattro GmbH (1BV)	Sport suspension S6 (1BD)	Air spring suspension (1BK), air spring suspension allroad (1BY)
Camber	- 52' ± 25'	- 67' ± 25'	- 44' ± 25'	- 74' ± 25'	- 67' ± 25'	- 62' ± 25'
Maximum permissible difference between both sides	30'	30'	30'	30'	30'	30'
Toe setting for each wheel (unladen)	+ 9' ± 4'	+ 10' ± 4'	+ 9' ± 4'	+ 10' ± 4'	+ 10' ± 4'	+ 11' ± 4'
Toe check value for each wheel (unladen)	+ 9' ± 6'	+ 10' ± 6'	+ 9' ± 6'	+ 10' ± 6'	+ 10' ± 6'	+ 11' ± 6'
Toe constant per wheel (setting value)	+ 25' ± 4'	+ 25' ± 4'	+ 25' ± 4'	+ 25' ± 4'	+ 13' ± 4'	+ 13' ± 4'
Toe constant for each wheel (check value)	+ 25' ± 7'	+ 25' ± 7'	+ 25' ± 7'	+ 25' ± 7'	+ 13' ± 7'	+ 13' ± 7'
Toe constant difference	max. 8'	max. 8'	max. 8'	max. 8'	max. 8'	max. 8'

between both sides							Addi vehi data for vehi with front
Toe angle difference at 20 degrees ¹	1 ° 12' ± 30'	1 ° 20' ± 30'	1 ° 6' ± 30'	1 ° 33' ± 30'	1 ° 33' ± 30'	1 ° ± 30'	

and all wheel drive:

This additional vehicle data only serves for a faster diagnosis in the case of accidents.

Table ⇒ [Chassis](#)

Specified values valid for all engine versions.

Copyright © 2008 Audi of America, Inc. and Bentley Publishers. All rights reserved. Last processed: