

Steering - Alignment Specifications

S40 (04-)/V50/S60/C70 (06-)/V70 (01-)/V70XC (01-)/XC70/S80 (-06)/S80 (07-)/XC90

Section:6

Group:60

No.:

5500

Year:

2006

Month:05

Reference:

Supersedes all values published in VIDA 2006A and later updates.

Wheel angle specifications

Background

**S60/V70 (01-)/V70XC (01-)/XC70/S80
(-06)/XC90**

Camber measurement per side

Model	Front	Rear
S60	$-0.3^\circ \pm 0.9^\circ$	$0^\circ \pm 1.0^\circ$
V70 (01-)	$-0.3^\circ \pm 0.9^\circ$	$0^\circ \pm 1.0^\circ$
V70 (01-) AWD	$-0.3^\circ \pm 0.9^\circ$	$-0.3^\circ \pm 1.0^\circ$
V70XC (01-)/XC70	$-0.3^\circ \pm 0.9^\circ$	$0.3^\circ \pm 1.0^\circ$
S80	$-0.3^\circ \pm 0.9^\circ$	$0^\circ \pm 1.0^\circ$
XC90	$-0.3^\circ \pm 0.9^\circ$	$-0.4^\circ \pm 1.0^\circ$

Caster measurement per side

Model	Front	Variation right/left
S60	$4.0^\circ \pm 1.0^\circ$	$0^\circ \pm 0.25^\circ$
V70 (01-)	$4.0^\circ \pm 1.0^\circ$	$0^\circ \pm 0.25^\circ$
V70 (01-) AWD	$4.0^\circ \pm 1.0^\circ$	$0^\circ \pm 0.25^\circ$
V70XC (01-)/XC70	$5.0^\circ \pm 1.0^\circ$	$0^\circ \pm 0.25^\circ$
S80	$4.0^\circ \pm 1.0^\circ$	$0^\circ \pm 0.25^\circ$
XC90	$5.7^\circ \pm 1.0^\circ$	$0^\circ \pm 0.50^\circ$

Toe measurement across both wheels

Model	Front	Rear
S60 (except S60R, see below)	$0.10^\circ \pm 0.10^\circ$	$0.20^\circ \pm 0.20^\circ$
V70 (01-)	$0.10^\circ \pm 0.10^\circ$	$0.20^\circ \pm 0.20^\circ$
V70 (01-) AWD (except V70 (01-)R, see below)	$0.10^\circ \pm 0.10^\circ$	$0.20^\circ \pm 0.20^\circ$
S60R/V70 (01-)R	$0.10^\circ \pm 0.10^\circ$	$0.16^\circ \pm 0.10^\circ$
V70 XC (01-)XC70	$0.20^\circ \pm 0.10^\circ$	$0.20^\circ \pm 0.20^\circ$
S80	$0.10^\circ \pm 0.10^\circ$	$0.20^\circ \pm 0.20^\circ$
XC90	$-0.20^\circ \pm 0.10^\circ$	$0.3^\circ \pm 0.2^\circ$

C70 (06-)/S40 (04-)/V50**Camber measurement per side**

Model	Front	Rear
Standard (comfort) chassis	$-0.6^\circ \pm 0.7^\circ$	$-1.5^\circ \pm 1.0^\circ$
AWD	$-0.7^\circ \pm 0.7^\circ$	$-1.5^\circ \pm 1.0^\circ$

Caster measurement per side

Model	Front	Variation right/left
Standard (comfort) chassis	$3.6^\circ \pm 1.5^\circ$	$0^\circ \pm 1.0^\circ$
AWD	$3.7^\circ \pm 1.5^\circ$	$0^\circ \pm 1.0^\circ$

Toe measurement across both wheels

Model	Front	Rear
Standard (comfort) chassis	$0.2^\circ \pm 0.1^\circ$	$0.3^\circ \pm 0.1^\circ$
AWD	$0.2^\circ \pm 0.1^\circ$	$0.3^\circ \pm 0.1^\circ$

S80 (07-)**Camber measurement per side**

Model	Front	Rear
Standard (comfort) chassis	-0.6 ± 0.5	1.32 ± 0.5

Caster measurement per side

Model	Front	Variation right/left
Standard (comfort) chassis	3.1 ± 0.5	0.0 ± 1.0

Toe measurement across both wheels

Model	Front	Rear
Standard (comfort) chassis	0.2 ± 0.1	0.16 ± 1.0