



Alignment Angle Calculator

Job Aid

PRINT

Tire Size: / R

Measurement	Service Manual Specification	Tolerance	Conversion to Decimal Degrees
Camber	Front <input type="radio"/> + <input checked="" type="radio"/> - <input type="text" value="1"/> ° <input type="text" value="30"/>	+ <input type="text"/> ° <input type="text" value="30"/> - <input type="text"/> ° <input type="text" value="30"/>	Front: -1.5 ° + 0.5 ° - 0.5 °
	Rear <input type="radio"/> + <input checked="" type="radio"/> - <input type="text" value="1"/> ° <input type="text" value="30"/>	+ <input type="text"/> ° <input type="text" value="45"/> - <input type="text"/> ° <input type="text" value="45"/>	Rear: -1.5 ° + 0.75 ° - 0.75 °
Caster	Front <input checked="" type="radio"/> + <input type="radio"/> - <input type="text" value="7"/> ° <input type="text" value="41"/>	+ <input type="text"/> ° <input type="text" value="30"/> - <input type="text"/> ° <input type="text" value="30"/>	Front: 7.68 ° + 0.5 ° - 0.5 °
	Front <input checked="" type="radio"/> + <input type="radio"/> - <input type="text" value="0"/> mm	+ <input type="text" value="2"/> mm - <input type="text"/> mm	Front: 0 ° + 0.18 ° - 0.09 °
Total Toe-In	Rear <input checked="" type="radio"/> + <input type="radio"/> - <input type="text" value="2"/> mm	+ <input type="text" value="2"/> mm - <input type="text"/> mm	Rear: 0.18 ° + 0.18 ° - 0.09 °
	Inward <input checked="" type="radio"/> + <input type="radio"/> - <input type="text" value="35"/> ° <input type="text" value="36"/>	+ <input type="text" value="2"/> ° <input type="text"/> - <input type="text" value="2"/> ° <input type="text"/>	Inward: 35.6 ° + 2 ° - 2 °
Front Wheel Turning Angle	Outward <input checked="" type="radio"/> + <input type="radio"/> - <input type="text" value="29"/> ° <input type="text" value="50"/>	+ <input type="text" value="1"/> ° <input type="text"/> - <input type="text" value="1"/> ° <input type="text"/>	Outward: 29.83 ° + 1 ° - 1 °

Tolerance Limit	LF	Tolerance Limit	Camber (front)	Tolerance Limit	RF	Tolerance Limit
-1	-1.5	-2		-2	-1.5	-1
Tolerance Limit	LF	Tolerance Limit	Camber (rear)	Tolerance Limit	RF	Tolerance Limit
-0.75	-1.5	-2.25		-2.25	-1.5	-0.75
Tolerance Limit	LF	Tolerance Limit	Caster	Tolerance Limit	RF	Tolerance Limit
7.18	7.68	8.18		8.18	7.68	7.18
Tolerance Limit	LF	Tolerance Limit	Individual Toe (Front)	Tolerance Limit	RF	Tolerance Limit
-0.04	0	0.09		0.09	0	-0.04
Tolerance Limit	LR	Tolerance Limit	Individual Toe (Rear)	Tolerance Limit	RR	Tolerance Limit
0.04	0.09	0.18		0.18	0.09	0.04
Tolerance Limit	Front	Tolerance Limit	Total Toe	Tolerance Limit	Rear	Tolerance Limit
-0.09	0	0.18		0.36	0.18	0.09

Tolerance Limit	Inward	Tolerance Limit
33.6	35.6	37.6

Turning Angle

Tolerance Limit	Outward	Tolerance Limit
28.83	29.83	30.83