

MAZDASPEED3 [L3 with TC] (Unloaded)

FRONT WHEEL ALIGNMENT SPECIFICATIONS*1

Item			Fuel gauge indication				
			Empty	1/4	1/2	3/4	Full
Maximum steering angle [Tolerance $\pm 3^\circ$]		Inner	36°00'				
		Outer	30°12'				
Total toe-in	Tire [Tolerance $\pm 4 \{ \pm 0.16 \}$]	(mm {in})	2 {0.08}				
	Rim inner		1±3 {0.04±0.12}				
	(degree)		0°11'±0°22'				
Caster angle *2 (Reference value) [Tolerance $\pm 1^\circ$]			3°01'	3°02'	3°04'	3°06'	3°08'
Camber angle *2 (Reference value) [Tolerance $\pm 1^\circ$]			-0°55'	-0°56'			-0°57'
Steering axis inclination (Reference value)			14°18'	14°20'			14°21'

REAR WHEEL ALIGNMENT SPECIFICATIONS*1

Item			Fuel gauge indication				
			Empty	1/4	1/2	3/4	Full
Total toe-in	Tire [Tolerance $\pm 4 \{ \pm 0.16 \}$]	(mm {in})	2 {0.08}				
	Rim inner		1±3 {0.04±0.12}				
	(degree)		0°11'±0°22'				
Camber angle *2 (Reference value) [Tolerance $\pm 1^\circ$]			-1°36'	-1°37'	-1°39'	-1°40'	-1°42'
Thrust angle (Reference value) [Tolerance $\pm 0^\circ 48'$]			0°				

*1 - Engine coolant and engine oil are at specified level. Spare tire, jack and tools are in designated position

*2 - Difference between left and right must not exceed 1°30'.

Specifications from: Mazdaspeed3 Sport Spring Kit Install Instructions (Rev. A - Dec 20, 2006)