

SUSPENSION AND AXLE

SERVICE DATA

SSOLO-05

Cold tire inflation pressure	Tire size P185/60R14 82H	Front	180 kPa (1.8 kgf/cm ² , 26 psi)
		Rear	180 kPa (1.8 kgf/cm ² , 26 psi)
Front wheel alignment	Vehicle height	Front* ¹ Rear* ²	188 mm (7.40 in.) 249 mm (9.80 in.)
	Camber	Left-right error	-0°25' ± 45' (-0.42° ± 0.75°) 45' (0.75°) or less
	Caster	Left-right error	1°30' ± 45' (1.5° ± 0.75°) 45' (0.75°) or less
	Steering axis inclination	Left-right error	12°15' ± 45' (12.25° ± 0.75°) 45' (0.75°) or less
	Toe-in (total)		0°06' ± 12' (0.1° ± 0.2°) 1 ± 2 mm (0.04 ± 0.08 in.)
	Rack end length difference		1.5 mm (0.059 in.) or less
	Wheel angle	Inside wheel Reference : Outside wheel	35°45' ± 2° (35.75° ± 2°) 32°05' (32.08°)
Rear wheel alignment	Camber	Left-right error	-0°30' ± 45' (-0.5° ± 0.75°) 45' (0.75°) or less
	Toe-in (total)		0°20' ± 20' (0.33° ± 0.33°) 3.4 ± 3.4 mm (0.13 ± 0.13 in.)
Front axle	Axle bearing backlash	Maximum	0.05 mm (0.0020 in.)
	Axle hub deviation	Maximum	0.05 mm (0.0020 in.)
Front drive shaft	Drive shaft standard length	RH	784.4 ± 5.0 mm (30.882 ± 0.197 in.)
		LH	554.1 ± 5.0 mm (21.815 ± 0.197 in.)
Front suspension	Lower ball joint turning torque		0.8 – 2.5 N·m (8 – 25 kgf·cm, 7.0 – 22.0 in.-lbf)
Rear axle	Bearing preload (turning)	Friction force plus	0 – 11.8 N (0 – 1.2 kgf, 0 – 2.6 lbf)
	Axle hub axial play		0.05 mm (0.0020 in.) or less

*1: Measure the distance from the ground to the center of the lower suspension arm front mounting bolt.

*2: Measure the distance from the ground to the center of the axle beam mounting bolt.