

SUSPENSION AND AXLE

SS13W-07

SERVICE DATA

Cold tire inflation pressure	Tire size: P175/65R14 81S	Front Rear	220 kPa (2.2 kgf/cm ² , 32 psi) 220 kPa (2.2 kgf/cm ² , 32 psi)
Front wheel alignment	Vehicle height P175/65R14	Front*1 Rear*2	187 mm (7.36 in.) 264 mm (10.39 in.)
	Camber	Right-left error	-0° 37' ± 45' (-0.62° ± 0.75°) 45' (0.75°) or less
	Caster	Manual steering Power steering Right-left error	0° 48' ± 45' (0.80° ± 0.75°) 1° 46' ± 45' (1.77° ± 0.75°) 45' (0.75°) or less
	Steering axis inclination	Right-left error	10° 08' ± 45' (10.13° ± 0.75°) 45' (0.75°) or less
	Toe-in (total)	Rack end length difference	0° ± 12' (0° ± 0.2°, 0 ± 2 mm, 0 ± 0.08 in.) 1.5 mm (0.059 in.) or less
	Wheel angle	Inside wheel Outside wheel: Reference	36° 56' ± 2° (36.44° ± 2°) 32° 07' (32.12°)
	Power steering	Inside wheel Outside wheel: Reference	36° 56' ± 2° (36.93° ± 2°) 32° 17' (32.28°)
Rear wheel alignment	Camber	Right-left error	-0° 57' ± 45' (-0.95° ± 0.75°) 45' (0.75°) or less
	Toe-in (total)		0° 21' ± 20' (0.35° ± 0.33°) 3.3 ± 3.0 mm (0.13 ± 0.12 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	LH	574.3 ± 5.0 mm (22.610 ± 0.197 in.)
		RH	813.3 ± 5.0 mm (32.020 ± 0.197 in.)
Front suspension	Lower suspension arm ball joint turning torque		0.59 - 3.43 N·m (6 - 35 kgf·cm, 5.2 - 30 in.-lbf)
Rear axle	Axle bearing backlash	Maximum	0.05 mm (0.0020 in.)
	Axle hub deviation	Maximum	0.07 mm (0.0028 in.)

*1: Front measuring point

Measure the distance from the ground to the head center of the front side lower suspension arm mounting bolt.

*2: Rear measuring point

Measure the distance from the ground to the center of the rear axle beam mounting bolt.