

SUSPENSION AND AXLE

SERVICE DATA

SS04W-09

Cold tire inflation pressure	185/55R15 81V 205/50R15 85V	Front Rear	180 kPa (1.8 kgf/cm ² , 26 psi) 220 kPa (2.2 kgf/cm ² , 32 psi)
Front Wheel alignment	Vehicle height	Front*1 Rear*2	204 mm (8.03 in.) 270 mm (10.63 in.)
	Camber	Right-left error	-0°47' ± 45' (-0.78° ± 0.75°) 45' (0.75°) or less
	Caster	Right-left error	3°08' ± 45' (3.13° ± 0.75°) 45' (0.75°) or less
	Steering axis inclination	Right-left error	14°52' ± 45' (14.87° ± 0.75°) 45' (0.75°) or less
	Toe-in (total)	Rack end length difference	0°09' ± 12' (0.15° ± 0.2°, 1.5 ± 2 mm, 0.06 ± 0.08 in.) 1.5 mm (0.059 in.) or less
	Wheel angle	Inside wheel Outside wheel: Reference	38°03' ± 2° (38.05° ± 2°) 32°56' (32.93°)
Rear wheel alignment	Camber	Right-left error	-1°05' ± 45' (-1.08° ± 0.75°) 45' (0.75°) or less
	Toe-in (total)	Right-left error	0°18' ± 12' (0.3° ± 0.2°, 3 ± 2 mm, 0.12 ± 0.08 in.) 0.3 mm (0.012 in.) or less
Front axle	Axle bearing backlash	Maximum	0.05 mm (0.0020 in.)
	Axle hub deviation	Maximum	0.07 mm (0.0028 in.)
Front suspension	Lower ball joint turning torque		0.59 – 3.43 N-m (6 – 35 kgf-cm, 5.2 – 30 in.-lbf)
	Stabilizer bar link ball joint turning torque		0.05 – 1.0 N-m (0.5 – 10 kgf-cm, 0.4 – 8.7 in.-lbf)
Rear axle	Axle bearing backlash	Maximum	0.05 mm (0.0020 in.)
	Axle hub deviation	Maximum	0.07 mm (0.0028 in.)
Rear drive shaft	Drive shaft standard length	RH	814.1 ± 5.0 mm (32.051 ± 0.197 in.)
		LH	570.4 ± 5.0 mm (22.457 ± 0.197 in.)
Rear suspension	Stabilizer bar link ball joint turning torque		0.05 – 1.0 N-m (0.5 – 10 kgf-cm, 0.4 – 8.7 in.-lbf)

*1: Front measuring point

Measure the distance from the ground to the 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 front side strut rod mounting bolt.