

# SERVICE SPECIFICATIONS

## SERVICE DATA (Front)

Cold tire inflation pressure	Tire size		Inflation pressure		
			kPa (kg/cm, psi)		
			Front	Rear	
	225/55 R156		220 (2.2, 32)	220 (2.2, 32)	
Vehicle height	mm (in.)		Front	Rear	
			194.4 (7.654)	251.7 (9.909)	
Front wheel alignment	Toe in		1 ± 2 mm 0.1° ± 0.2°	0.04 ± 0.08 in.	
	Camber		1°00' ± 45'		
	Left–right error		30' or less		
	Steering axis inclination		8°58' ± 45'		
	Left–right error		30' or less		
	Caster		2°56' ± 45'		
	Left–right error		30' or less		
	Wheel angle	Max.	Inside wheel	37°04' + 1°00'	
			Outside wheel	– 2°00'	
				32°33' (Reference)	
			at 20° (Outside wheel)	21°00' (Inside wheel)	
Wheel lateral runout			Limit	1.2 mm	0.047 in.
Hub runout			Limit	0.05 mm	0.0020 in.
Hub axial play			Limit	0.05 mm	0.0020 in.
Tie rod end left–right error			Limit	1.5 mm	0.059 in.
Hub bearing axial direction play			Limit	0.05 mm	0.0020 in.
Shock absorber control rod starting torque			Limit	0.02 N·m	200 kgf·cm 0.17 in.·lbf
Ball joint rotation condition			Upper ball joint	1.0–3.4 N·m	10–35 kgf·cm 9–30.0 in.·lbf
			Lower ball joint	1.0–3.4 N·m	10–35 kgf·cm 9–30.0 in.·lbf

## SERVICE DATA (Rear)

Rear wheel alignment	Camber		–0°53' ± 45'		
	Left–right error		30' or less		
	Toe–in		4.5 ± 2 mm 0.4° ± 0.2°	0.177 ± 0.08 in.	
Rear axle hub	Bearing axial direction play	Limit	0.05 mm	0.0020 in.	
	Axle shaft flange runout	Limit	0.05 mm	0.0020 in.	
Drive shaft	Drive shaft length		RH 538.5 mm	21.20 in.	
			LH 492.5 mm	19.39 in.	
Rear suspension	Upper ball joint turning torque		1.0–3.4 N·m	10–35 kgf·cm	9–30 in.·lbf
	No. 1 lower suspension arm ball joint turning torque		1.0–3.4 N·m	10–35 kgf·cm	9–30 in.·lbf
	Stabilizer bar link ball joint turning torque		0.05–0.98 N·m	0.5–10 kgf·cm	0.04–0.72 in.·lbf

**SERVICE DATA (Rear) (Cont'd)**

Differential	Drive pinion shaft run out	0.08 mm (0.0031 in.) or less		
	Ring gear runout	0.05 mm (0.0020 in.) or less		
	Ring gear backlash	0.08–0.13 mm	0.0031–0.0051 in.	
	Drive pinion preload			
	New bearing	1.2–1.8 N·m	12.0–18.4 kgf·cm	10.8–16.0 in.·lbf
	Reused bearing	0.5–0.8 N·m	5–8 kgf·cm	4.3–6.9 in.·lbf
	Total preload			
	(In addition to drive pinion preload)			
	New bearing	0.4–0.6 N·m	4–6 kgf·cm	3.5–5.2 in.·lbf
	Reused bearing	0.2–0.5 N·m	2–5 kgf·cm	1.7–4.3 in.·lbf
	Pinion gear backlash	0.05–0.20 mm	0.0020–0.0079 in.	