specs

Standards and Service Limits

Unit of length: mm (in)

Steering — Section 17

	MEASUREMENT		STANDARD (NEW)
Steering wheel	Play		5.0 (0.2) max.
	Starting force	M/S	20 (2, 4) max. wheels off the ground
	N (kgf, lbf)	P/S engine stopped	120 (12, 26) max. } Wheels on the ground
		P/S engine running	41 (4.2, 9.3) max. } Wheels on the ground
Gearbox	Angle of rack guide screw loosened from locked position	M/S	15°
		P/S	20° $^{+5°}_{0}$
	Pinion starting preload N (kg, lbs)	M/S	7-17 (0.7 – 1.7, 1.5 – 3.8)
		M/S	1.5 – 2.5 (0.15 – 0.25, 0.33 – 0.55) (without rack)
		P/S	30 (3, 6.6)

Suspension — Section 18

	MEASUREMENT			STANDARD (NEW)	SERVICE LIMIT
Wheel alignment	Camber	Front	at inspection	−0°20′ ± 30′ (Except Type S)	———
				−0°30′ ± 30′ (Type S)	———
			at adjustment	−0°20′ ± 10′ (Except Type S)	———
				−0°30′ ± 10′ (Type S)	———
		Rear	at inspection	−1°30′ ± 30′ (Except Type S)	———
				−2°00′ ± 30′ (Type S)	———
			at adjustment	−1°30′ ± 10′ (Except Type S)	———
				−2°00′ ± 10′ (Type S)	———
	Caster	Front	at inspection	+8°00′ ± 45′ (Except Type S)	———
				+8°14′ ± 45′ (Type S)	———
			at adjustment	+8°00′ ± 15′ (Except Type S)	———
				+8°14′ ± 15′ (Type S)	———
	Total toe	Front		Out 3.5 ± 1.0 (0.14 ± 0.04)	———
		Rear		In 4.0 ± 1.0 (3/16 ± 1/16)	———
	Front wheel turning angle		Inward wheel	33°06′ ± 2° (Except Type S)	———
				32°58′ ± 2° (Type S)	———
			Outward wheel	26°34′ (Except Type S)	———
				26°30′ (Type S)	———
	Side slip	Front		Out 6.0 ± 2.0 (1/4 ± 1/16)	———
		Rear		In 6.0 ± 2.0 (1/4 ± 1/16)	———
Wheel	Rim runout		Axial	0 – 0.7 (0 – 0.03)	———
			Radial	0 – 0.7 (0 – 0.03)	———
Wheel bearing	End Play		Front	0	0.05 (0.002)
			Rear	0	0.05 (0.002)

Brakes — Section 19

	MEASUREMENT		STANDARD (NEW)	SERVICE LIMIT
Parking brake lever	Play in stroke 196 N (20 kgf, 44 lbf)		To be locked when pulled 10 – 14 notches	———
Foot brake pedal	Pedal height (with floor mat removed)	M/T	218 (8 9/16)	———
		A/T	218 (8 9/16)	———
Master cylinder	Piston-to-pushrod clearance		0 – 0.4 (0 – 0.02)	———
Disc brake	Disc thickness	Front	28.0 (1.10)	26.0(1.02)
		Rear	23.0 (0.91)	21.0 (0.83)
	Disc runout	Front	———	0.10 (0.004)
		Rear	———	0.10 (0.004)
	Disc parallelism	Front and rear	———	0.015 (0.0006)
	Pad thickness	Front	11.0 (0.43)	1.6 (0.06)
		Rear	9.5 (0.37)	1.6 (0.06)

M/T: Manual Transmission A/T: Automatic Transmission